



**INFORME FINAL CORREGIDO
TOMO III-B (Anexos N° 46-90)**

Manejo y monitoreo de las mareas rojas, en las regiones
de Los Lagos, Aysén y Magallanes 2008-2009

SUBPESCA / Septiembre-2010



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SUBPESCA / Septiembre-2010

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TOMO III B

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Anexo 46

Densidad de fitoplancton (cél·L⁻¹) en la región de Los Lagos.
Crucero 5 (18 mayo - 26 junio 2009).

	L01 Metri		L02 Yates		L02N1 Sotomó		L02N2 Cochamó		L02N3 Marimeli	
	25-jun-09		24-jun-09		23-jun-09		23-jun-09		23-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS										
<i>Actinoplychus senarius</i>	0	0	0	0	0	0	0	100	0	0
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	100	0	0	400	0	0	0	0	200
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	300	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	1.400	0	0	600	0	0	0	500	1.200	0
<i>Chaetoceros</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	100	200	0	100	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	1.100	800	400	0	600	300	200	300	400	600
<i>Cylindrotheca closterium</i>	300	400	100	0	0	0	0	0	0	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	400	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	400	0	0	0	900	0	600	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0
<i>Navicula humerosa</i>	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	500	1.100	200	100	300	500	0	100	0	1.200
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	400	100	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	100	0	0	0	100	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	200	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	2.700	3.400	25.800	0	2.100	9.800	10.600	10.800	24.600	1.700
<i>Thalassionema nitzschioides</i>	100	0	800	0	0	0	0	200	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	200	0	0	0	200	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	200	500	0	0	0	0	200	0	0	200
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS										
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	100	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	200	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	100	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS										
<i>Dictyocha speculum</i>	0	0	100	0	0	100	100	0	0	0
CILIADOS										
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS										
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	100	0
TOTAL DIATOMEAS	7.200	7.000	27.700	1.000	3.700	11.500	11.000	12.800	26.200	4.000
TOTAL DINOFLAGELADOS	100	0	0	200	0	0	100	0	0	0
TOTAL SILICOFLAGELADOS	0	0	100	0	0	100	100	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	100	0
TOTAL	7.300	7.000	27.800	1.200	3.700	11.600	11.200	12.800	26.300	4.000

Anexo 46(continuación)

	L03 Cta. La Arena		L03N1 Potrerillos		L04 Calbuco Paso Quenu		L05 Quetalmahue	L06 Hueihue		L06N1 I. Caicura	
	24-jun-09		24-jun-09		25-jun-09		26-jun-09	26-jun-09		24-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS											
<i>Actinoptichus senarius</i>	200	100	0	0	0	0	0	200	0	300	300
<i>Amphiprora</i> spp.	0	0	0	0	0	0	100	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	600	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	1.100	0	0	0	0	0	0	400	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	2.900	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	1.200	0	300	0	0	0	0	0	0	0	300
<i>Chaetoceros</i> spp.	0	0	1.200	0	0	0	5.100	0	0	500	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus</i> spp.	400	200	200	200	300	0	1.800	100	100	500	400
<i>Cylindrotheca closterium</i>	300	100	100	0	100	300	2.600	100	100	200	200
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	300	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	100
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	400	700
<i>Leptocylindrus minimus</i>	200	0	0	0	200	0	16.500	900	0	0	800
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	100	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula humerosa</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	1.600	300	200	0	200	300	300	300	200	1.300	2.100
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	100	0	0	0	0	0	100	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	200	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	100	0	9.200	600	4.800	7.800	16.900	0	600	4.500	4.800
<i>Thalassionema nitzschoides</i>	1.200	0	0	1.800	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	400	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	400	0	0	0	0	0	1.800	300	0	200	200
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	200	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	1.700	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	2.100	0	0	0	0
<i>Thalassiosira</i> spp.	200	0	0	0	0	0	5.100	500	0	0	200
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	100	0	0	0	0	0
DINOFLAGELADOS											
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	27.600	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	100	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	100	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	100	0	0	0
<i>Prorocentrum micans</i>	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> spp.	0	100	0	100	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS											
<i>Dictyocha speculum</i>	200	0	0	0	0	0	0	0	0	300	100
CILIADOS											
<i>Mesodinium rubrum</i>	0	0	0	0	0	100	0	0	0	100	0
EUGLENOFICEAS											
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	5.900	900	12.300	2.600	6.100	8.700	57.900	2.500	1.000	8.300	10.100
TOTAL DINOFLAGELADOS	200	100	0	100	0	0	27.700	100	0	0	0
TOTAL SILICOFAGELADOS	200	0	0	0	0	0	0	0	0	300	100
TOTAL OTROS	0	0	0	0	0	100	0	0	0	100	0
TOTAL	6.300	1.000	12.300	2.700	6.100	8.800	85.600	2.600	1.000	8.700	10.200

Anexo 46 (continuación)

	L07 C. Cauahué		L08 I. Mechuque		L09 I. Butachauques		L10 Ayacara		L10N1 I. Chulín		L10N2 I. Talcán 2	
	18-may-09		18-may-09		18-may-09		19-may-09		20-may-09		20-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	0	0	200	0	100	0	100	0	0	0	100
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	100	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	0	600	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	300	200	0	0	100	100	0	0	100	0
<i>Coscinodiscus</i> spp.	0	0	200	200	300	0	1.100	200	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	100	300	0	100	200	100	0	200	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	600	0	400	300	1.300	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	1.200	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	7.900	3.500	800	1.200	13.600	7.300	700	900	600	1.600
<i>Leptocylindrus minimus</i>	0	0	3.000	600	0	0	3.500	0	0	100	400	1.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula humerosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	3.400	2.400	47.100	63.700	22.600	26.800	32.000	25.900	14.200	9.000	13.500	28.800
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	600	400	0	0	0	0	0	0	0	0	600
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	100	0	20.800	23.800	700	11.700	4.300	3.900	100	200	0	1.000
<i>Pseudo-nitzschia cf. pungens</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	100	200	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	1.200	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	700	1.200	0	0	2.100	300	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	600	1.000	600	200	400	400	100	0	100	0
<i>Diatomeas pennadas indet.</i>	0	0	0	100	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> spp.	0	0	100	300	0	0	400	300	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	0	100	400	200	100	200	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	100	0	0	0	0	0	0	0	0	0	100	0
TOTAL DIATOMEAS	3.500	3.000	81.500	96.600	25.600	40.500	58.000	41.000	15.100	10.400	15.000	34.100
TOTAL DINOFLAGELADOS	0	100	100	300	0	0	700	300	0	0	0	0
TOTAL SILICOFLAGELADOS	100	0	100	400	200	100	200	0	0	0	0	0
TOTAL OTROS	100	0	0	0	0	0	0	0	0	0	100	0
TOTAL	3.700	3.100	81.700	97.300	25.800	40.600	58.900	41.300	15.100	10.400	15.100	34.100

Anexo 46 (continuación)

	L10N3 B. Pumalín		L11 C. Dalcahue		L12 I. Quehui		L13 I. Chaulinec		L14 I. Talcán		L16 I. Acuí	
	19-may-09		18-may-09		20-may-09		20-may-09		20-may-09		28-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus senarius</i>	0	100	0	0	0	0	100	0	0	0	0	300
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulia pelagica</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	100	0	0	0	0	0	0	0	0	0	100
<i>Coscinodiscus</i> spp.	100	0	0	0	0	0	0	100	0	0	0	100
<i>Cylindrotheca closterium</i>	0	0	100	0	100	0	0	100	0	0	0	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Guinardia flaccida</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	1.900	0	0	0	1.000	400	400	0	0	2.700	0	0
<i>Leptocylindrus minimus</i>	500	0	0	0	400	200	0	300	0	400	0	0
<i>Licmophora abbreviata</i>	0	0	0	600	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula humerosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	54.100	66.600	600	400	2.000	1.700	1.100	1.600	8.500	26.400	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	1.200	0	0	0	0	0	600	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	500	300	100	0	0	0	0	0	100	900	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	200	400
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	600	400
<i>Thalassiosira</i> spp.	100	100	0	100	100	0	0	300	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	100	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	100	0	0	0	0	100	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	100	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	100	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	100	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	100	0
TOTAL DIATOMEAS	57.400	67.200	800	2.300	4.200	2.400	1.600	2.400	8.600	31.000	1.000	1.800
TOTAL DINOFLAGELADOS	0	0	0	0	100	0	0	100	0	200	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	100	0	0	0	0
TOTAL OTROS	0	0	0	0	100	0	0	0	0	0	100	0
TOTAL	57.400	67.200	800	2.300	4.400	2.400	1.600	2.600	8.600	31.200	1.100	1.800

Anexo 46 (continuación)

	L16N1 I. Chaullín		L17 Auchemó		L17N1 E. Palvitat		L19 Pta. Chiquao		L19N1 Yelcho		L19N2 C. Coldita	
	29-may-09		27-may-09		28-may-09		29-may-09		29-may-09		29-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus senarius</i>	0	0	0	0	0	100	100	0	0	0	0	0
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	700	0	400	0	0	200	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	700	400
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	0	0	0	0	0	0	0	900	0
<i>Corethron pennatum</i>	0	100	0	0	100	0	0	100	0	0	0	0
<i>Coscinodiscus</i> spp.	0	0	0	0	0	0	0	500	0	100	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	100	200	0	0	100	200	100	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	200	0	0	0	200	0	0	100	2.200	1.300
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	500	500	0	1.600	900	0	0	400	400	900	200
<i>Leptocylindrus minimus</i>	400	0	400	0	400	200	0	0	0	800	0	3.300
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula humerosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	700	900	2.400	5.100	9.500	5.400	300	100	0	1.100	300	500
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	500	400	0	400
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>P. cf. pseudodelicatissima</i>	100	100	200	200	500	200	0	0	100	200	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	400	0	0	0	200	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	800	0	0	0	4.900	0	400	8.900	0	0	1.200	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	100	0	200	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	100	0	0	0	0	0	0	0	200	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	100	0	0	100
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> spp.	0	0	0	0	0	100	0	100	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	100	200	0
TOTAL DIATOMEAS	3.000	1.600	4.200	5.700	17.100	7.200	1.100	9.900	1.800	3.300	6.500	6.100
TOTAL DINOFLAGELADOS	0	0	0	0	0	100	0	100	100	0	0	100
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	100	200	0
TOTAL	3.000	1.600	4.200	5.700	17.100	7.300	1.100	9.900	1.900	3.400	6.700	6.200

Anexo 46 (continuación)

	L20 I. Laitec		L20N1 Bco. Velahue		L21 B. Corcovado		L22 B. Asasao		L22N1 Ens. Quilánlar		L22N2 Inio	
	29-may-09		29-may-09		27-may-09		30-may-09		30-may-09		31-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	100	200
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	100	0	0	0	0	0	0	200	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	700	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	600	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	0	0	0	400	0	0	0	200	0	0	100	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	100	0	100	400	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	700	200	800	1.800	3.200
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	700	0
<i>Leptocylindrus danicus</i>	800	0	0	0	0	200	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	500	2.900	0	0	400	600	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula humerosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	500	200	200	200	900	2.900	300	300	400	200	100	400
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	200	0	0	0	100	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	600	0	0	0	0	0	0	0	0	400
<i>Pleurosigma directum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	200	0	0	200	400	0	0	200	0	0	300	300
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	600	400	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	100	0	0	0	0	0	0	0	0	300	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	200	200	300	0	0	100	100	0	0	200	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	400	0
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> spp.	0	0	0	0	100	100	0	0	0	0	100	100
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	100	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	100	0	0	0	0	0	0
TOTAL DIATOMEAS	2.200	4.400	1.700	1.900	1.700	4.000	500	1.500	1.200	1.200	4.500	4.500
TOTAL DINOFLAGELADOS	100	0	0	0	100	100	0	0	0	0	100	200
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL OTROS	0	0	0	0	0	100	0	0	0	0	0	0
TOTAL	2.300	4.400	1.700	1.900	1.800	4.200	500	1.500	1.300	1.200	4.600	4.700

Anexo 46 (continuación)

	L23 I. Sn. Pedro		L23N1 C. Guamblad		L23N2 I. Sn. Pedro 2		L24 I. Guapiquilán		L24N1 I. Guapiquilán 2		L25 B. Tic Toc	
	30-may-09		30-may-09		30-may-09		31-may-09		31-may-09		27-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	100	100	0
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	0	0	0	0	0	0	500	0	0
<i>Corethron pennatum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	0	100	0	0	0	0	200	0	100	100	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	2.000	3.700	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	100	0	400	700	2.000	1.100	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	200	0	600	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	7.100	0	1.700	0	0	0
<i>Leptocylindrus danicus</i>	0	0	400	400	0	0	0	0	0	700	0	500
<i>Leptocylindrus minimus</i>	300	0	0	0	300	0	0	0	0	0	400	1.000
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula humerosa</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Navicula</i> spp.	0	100	400	600	100	400	0	0	100	0	900	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	600	1.100	0	0	400	0	0	0	600	0	700	0
<i>Pleurosigma directum</i>	0	0	0	100	0	0	0	0	100	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	100	0	0	100	0	300	400
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	400	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	300	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	400	0	0	600	0	0
<i>Thalassiosira</i> spp.	0	0	0	0	0	0	0	0	100	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	2.700	2.000	0	0	0	100	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	100	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	100	0	0	100	0	0	100
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.100	1.300	5.500	6.900	900	500	8.700	1.000	5.400	4.200	2.500	1.900
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	100	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	100	0	0	100	0	0	100
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.100	1.300	5.500	6.900	900	600	8.700	1.000	5.500	4.200	2.600	2.000

Anexo 47

Densidad de fitoplancton (cél·L⁻¹) en la región de Los Lagos.
Crucero 6 (27 julio - 27 agosto 2009).

	L01 Metri		L02 Yates		L02N1 Sotomó		L02N2 Cochamó		L02N3 Marimeli		L02N4 Pocoihuén	
	17-ago-09		13-ago-09		13-ago-09		11-ago-09		13-ago-09		11-ago-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinoptylchus senarius</i>	2.200	1.100	3.800	2.600	7.600	1.100	11.600	33.900	4.900	1.400	4.100	4.900
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	300	0	100	0	0	0	400	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	600	200	2.000	1.500	600	1.500	0	600	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	100	0	300	100	0	200	100	100	300
<i>Coscinodiscus</i> spp.	200	200	3.400	1.000	3.000	900	700	3.900	2.000	900	400	600
<i>Cylindrotheca closterium</i>	100	0	0	100	0	0	200	100	100	0	200	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	400	100	0	200	400	200	400	0	0	200	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	6.600	400	0	2.400	700	800	0	0	200	400	0	0
<i>Leptocylindrus minimus</i>	57.700	4.200	500	4.000	3.700	23.200	0	0	2.600	7.800	1.600	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	2.100	800	0	400	300	200	200	1.000
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	400	200	0	0	0	100	0	100
<i>Navicula</i> spp.	3.300	1.100	300	900	600	500	100	600	300	1.800	300	100
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	200	0	0	0	0	0	0	0	100	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	1.600	600	0	1.800	0	2.400	0	0	100	200	500	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	200	700	800	0	0	0	0
<i>Skeletonema costatum</i>	29.400	7.700	530.000	477.000	1.048.000	345.000	436.000	191.000	607.000	205.000	1.180.000	320.000
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. nipponica</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	200	0	2.900	400	10.200	2.600	12.600	22.200	6.500	600	16.000	10.500
<i>Thalassiosira anguste-lineata</i>	200	0	1.600	2.600	200	200	0	0	1.700	800	0	0
<i>Thalassiosira delicatula</i>	16.500	5.100	0	12.600	3.800	28.200	1.800	0	3.300	28.600	2.000	400
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Thalassiosira cf. aestivalis</i>	2.200	600	55.900	20.000	44.000	13.200	85.000	14.300	32.500	10.900	108.000	54.000
<i>Thalassiosira cf. decipiens</i>	300	200	13.200	7.700	25.700	600	12.400	17.000	36.000	1.300	86.000	8.700
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	300	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	900	0	0	0	0	0	0	0	0	0	3.000	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 47 (continuación)

	L01 Metri		L02 Yates		L02N1 Sotomó		L02N2 Cocharmó		L02N3 Marimeli		L02N4 Pocoihuén	
	17-ago-09		13-ago-09		13-ago-09		11-ago-09		13-ago-09		11-ago-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	200	0	200	100	100	0	100	0
<i>Dinophysis</i> sp. 1	0	0	0	0	0	0	0	0	0	0	200	0
<i>Dinophysis</i> spp.	0	0	0	0	100	0	100	100	0	0	0	0
<i>Gonyaulax</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	400	0	200	100	0	0	200	200	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	100	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Podolampas palmipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium</i> spp.	100	100	1.200	300	900	200	300	400	600	400	200	100
<i>Pyrocystis lunula</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	100	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	100	100	100	100	100	100	0	300	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	300	0	200	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL DIATOMEAS	121.800	21.300	612.000	534.400	1.150.600	422.500	563.300	284.800	699.300	261.000	1.403.100	401.000
TOTAL DINOFLAGELADOS	100	100	1.700	300	1.400	400	700	800	900	800	500	100
TOTAL SILICOFLAGELADOS	0	0	100	100	100	100	100	100	100	0	300	0
TOTAL OTROS	0	0	300	0	200	0	0	0	100	0	0	0
TOTAL	121.900	21.400	614.100	534.800	1.152.300	423.000	564.100	285.700	700.400	261.800	1.403.900	401.100

Anexo 47 (continuación)

	L03 Cta. La Arena		L03N1 Potrerillos		L04 Calbuco Paso Quenu		L05 Quetalmahue	L06 Hueihue		L06N1 I. Caicura	
	19-ago-09		13-ago-09		17-ago-09		18-ago-09	18-ago-09		27-ago-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS											
<i>Actinopterychus senarius</i>	200	1.300	5.900	400	0	0	400	200	200	1.500	0
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	900	0	0
<i>Chaetoceros curvisetus</i>	0	0	800	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	400	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	600	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	0	0	0	500	0	500	0	0
<i>Corethron pennatum</i>	0	0	100	200	0	0	100	0	0	0	0
<i>Coscinodiscus</i> spp.	100	200	1.100	200	200	0	1.300	300	100	100	100
<i>Cylindrotheca closterium</i>	200	100	0	100	100	100	1.400	400	100	300	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	400	400	500	0	0	0	0	0	0	100
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	100	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	1.200	1.600	0	0	1.600	0	0	0
<i>Leptocylindrus minimus</i>	29.900	600	800	6.700	1.100	800	10.800	2.600	4.700	1.900	1.500
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	200	0	0	100
<i>Melosira moniliformis</i>	900	0	0	1.100	0	600	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	700	500
<i>Melosira varians</i>	0	0	0	0	0	700	100	0	0	0	300
<i>Navicula</i> spp.	1.200	100	800	800	300	300	600	1.500	1.100	2.000	700
<i>Odontella aurita</i>	0	0	0	0	0	0	0	100	400	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	500	0	0	0	300	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	200	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>australis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	400	1.000	600	1.000	0	1.500	600	600	100
<i>Pseudo-nitzschia</i> cf. <i>pungens</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	200	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	7.100	2.400	538.000	421.000	0	0	2.200	3.400	2.400	10.200	400
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis</i> cf. <i>nipponica</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	14.500	0	0	0	0	400	0	1.000	0
<i>Thalassiosira anguste-lineata</i>	0	100	900	200	0	400	0	0	0	200	0
<i>Thalassiosira delicatula</i>	16.100	6.900	1.900	6.000	12.900	16.200	1.000	29.100	0	8.100	10.100
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>aestivalis</i>	1.600	600	48.500	11.100	500	400	0	200	44.000	2.600	300
<i>Thalassiosira</i> cf. <i>deciens</i>	800	0	27.400	2.100	0	0	0	400	0	1.000	0
<i>Thalassiosira</i> cf. <i>minuscule</i>	0	0	0	0	0	600	400	0	200	100	0
<i>Thalassiosira</i> cf. <i>punctigera</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>rotula</i>	0	0	0	0	1.200	0	800	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	0	0	0	0	600	0	0	500	0
<i>Diatomeas pennadas indet.</i>	200	0	0	0	0	200	0	0	0	0	0

Anexo 47 (continuación)

	L03 Cta. La Arena 19-ago-09		L03N1 Potrerillos 13-ago-09		L04 Calbuco Paso Quenu 17-ago-09		L05 Quetalmahue 18-ago-09	L06 Hueihue 18-ago-09		L06N1 I. Caicura 27-ago-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS											
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	100	300
<i>Dinophysis acuminata</i>	0	0	100	0	0	0	0	0	0	0	0
<i>Dinophysis</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	100	0	0	0	0	0	0	0	0
<i>Gonyaulax</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	16.400	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	300	100	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	100	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas palmipes</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	300	100	0	0	0
<i>Prorocentrum micans</i>	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	400	0	500	300	0	100	100	100	0	100	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS											
<i>Dictyocha speculum</i>	0	0	0	100	0	0	0	0	0	0	0
ZOOMASTIGOFOROS											
<i>Ebria tripartita</i>	0	0	100	0	0	0	0	0	0	0	0
CILIADOS											
<i>Mesodinium rubrum</i>	200	0	0	0	0	0	0	0	100	100	0
EUGLENOFICEAS											
<i>Euglenoficeas</i> indet.	0	0	0	0	100	0	100	0	0	0	0
TOTAL DIATOMEAS	58.300	12.900	641.500	452.600	19.000	21.300	20.500	42.300	56.100	30.800	14.200
TOTAL DINOFLAGELADOS	400	0	1.100	400	0	100	16.900	200	0	200	300
TOTAL SILICOFLAGELADOS	0	0	0	100	0	0	0	0	0	0	0
TOTAL OTROS	200	0	100	0	100	0	100	0	100	100	0
TOTAL	58.900	12.900	642.700	453.100	19.100	21.400	37.500	42.500	56.200	31.100	14.500

Anexo 47 (continuación)

	L07 C. Caucahué 28-jul-09		L08 I. Mechuque 29-jul-09		L09 I. Butachauques 29-jul-09		L10 Ayacara 29-jul-09		L10N1 I. Chulín 30-jul-09		L10N2 I. Talcán 2 30-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus senarius</i>	400	100	300	0	200	200	3.000	1.300	300	300	400	100
<i>Amphipora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	600	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	1.400	1.200	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	1.000	0	0	400	0	5.900	2.700	0	0	0	100
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	100	0	400	0	0	16.200	1.400	0	100	0	0
<i>Corethron pennatum</i>	0	0	0	0	100	200	1.200	400	100	100	0	400
<i>Coscinodiscus</i> spp.	0	100	500	0	900	600	10.400	3.100	0	0	100	200
<i>Cylindrotheca closterium</i>	100	100	300	100	500	100	600	200	0	0	0	300
<i>Detonula pumila</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	200	0	0	0	0	1.700	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	600	0	100	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	700	0	1.400	700	1.500	13.200	2.400	300	0	700	100
<i>Leptocylindrus minimus</i>	0	0	0	0	800	500	193.800	44.200	0	400	0	900
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	300	200	600	100	500	3.400	4.400	600	300	300	200
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	1.300	400	600	0	0	0	600	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	100	800	600	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>australis</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	300	200	200	2.500	1.600	184.200	23.800	0	500	0	100
<i>Pseudo-nitzschia</i> cf. <i>pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	300	0	0	500	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	300	400	0	0	0	0
<i>Skeletonema costatum</i>	1.100	0	1.000	2.500	6.800	3.600	443.800	98.600	0	1.000	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	1.200	0	0	0	0	200
<i>Stephanopyxis</i> cf. <i>nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	4.900	1.300	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	1.600	0	21.400	15.000	809.000	0	200	1.300	1.900	1.300
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>aestivalis</i>	200	0	0	0	4.600	200	131.600	26.800	0	0	0	0
<i>Thalassiosira</i> cf. <i>deciens</i>	0	0	0	0	900	1.100	8.400	400	0	0	0	0
<i>Thalassiosira</i> cf. <i>minuscule</i>	0	0	400	0	0	0	65.800	25.800	0	0	0	0
<i>Thalassiosira</i> cf. <i>punctigera</i>	0	0	2.200	1.400	0	1.000	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>rotula</i>	0	0	0	0	0	0	1.300	800	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	0	300	0	0	0	0	500	400	0	0
<i>Diatomeas pennadas indet.</i>	0	0	100	0	0	0	0	0	0	0	0	0

Anexo 47 (continuación)

	L07 C. Caucahué 28-jul-09		L08 I. Mechuque 29-jul-09		L09 I. Butachauques 29-jul-09		L10 Ayacara 29-jul-09		L10N1 I. Chulín 30-jul-09		L10N2 I. Talcán 2 30-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	100	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	100	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas palmipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	100	0	100	100	400	200	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	100	0	100	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	200	700	0	0	0	0	400	0	0	0	0	0
TOTAL DIATOMEAS	1.800	2.900	8.100	7.800	41.100	26.200	1.903.800	240.000	2.600	4.400	3.400	3.900
TOTAL DINOFLAGELADOS	0	0	100	0	100	100	500	300	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	100	0	100	0	100	0
TOTAL OTROS	200	700	0	0	0	0	400	0	0	0	0	0
TOTAL	2.000	3.600	8.200	7.800	41.200	26.300	1.904.800	240.300	2.700	4.400	3.500	3.900

Anexo 47 (continuación)

	L10N3 B. Pumalín		L11 C. Dalcabue		L12 I. Quehui		L13 I. Chaulinec		L14 I. Talcán		L16 I. Acuí	
	30-jul-09		28-jul-09		31-jul-09		30-jul-09		30-jul-09		22-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	200	100	0	0	100	100	100	100	100	400	100	100
<i>Amphipora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	100
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	1.600	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	1.900	0	0	0	0	800	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	100	800	0	0	0	0	100	400	0
<i>Corethron pennatum</i>	100	300	0	0	0	0	0	0	200	0	0	0
<i>Coscinodiscus</i> spp.	0	100	0	300	100	0	0	1.200	200	100	100	0
<i>Cylindrotheca closterium</i>	100	300	300	200	400	200	300	0	200	500	200	300
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	400	0	200	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	700	0	0	0	200	0	400	0
<i>Leptocylindrus minimus</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	200	100	800	200	400	400	400	500	300	800	400
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	400	0	0	0	500	0	400	500	0	0	1.300	500
<i>Pleurosigma directum</i>	0	0	0	0	0	100	0	0	0	0	100	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	200	100	0	0
<i>Pseudo-nitzschia</i> cf. <i>pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	800	0	0	0	100	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis</i> cf. <i>nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	8.700	6.200	0	0	0	0	1.000	400	0	0	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>aestivalis</i>	3.400	0	0	0	200	400	0	0	300	400	0	400
<i>Thalassiosira</i> cf. <i>deciens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>minuscule</i>	0	0	0	0	0	0	600	0	0	300	0	0
<i>Thalassiosira</i> cf. <i>punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	400	200	0	200	0	0	0	100	100	0	0	0
<i>Diatomeas pennadas</i> indet.	0	0	0	0	0	0	100	0	0	400	100	0

Anexo 47 (continuación)

	L10N3 B. Pumalín 30-jul-09		L11 C. Dalcahue 28-jul-09		L12 I. Quehui 31-jul-09		L13 I. Chaulinec 30-jul-09		L14 I. Talcán 30-jul-09		L16 I. Acuí 22-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	100	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gonyaulax</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	100	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas palmipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	100	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	100	0	0	100	0	100	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	100	0	4.800	2.100	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	16.800	7.400	600	1.700	3.100	3.600	2.900	2.900	2.100	2.600	3.500	1.800
TOTAL DINOFLAGELADOS	100	0	0	0	0	0	100	0	0	100	100	0
TOTAL SILICOFLAGELADOS	0	0	0	0	100	0	0	100	0	100	0	0
TOTAL OTROS	100	0	4.800	2.100	0	0	0	0	0	0	0	0
TOTAL	17.000	7.400	5.400	3.800	3.200	3.600	3.000	3.000	2.100	2.800	3.600	1.800

Anexo 47 (continuación)

	L16N1 I. Chaullín		L17 Auchemó		L17N1 E. Palvidad		L19 Pta. Chiguao		L19N1 Yelcho		L19N2 C. Coldita	
	22-jul-09		23-jul-09		23-jul-09		22-jul-09		24-jul-09		21-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	200	1.300	0	100	100	0	0	0	300	100	100
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	100	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus</i> spp.	0	0	0	100	200	100	0	100	0	200	0	0
<i>Cylindrotheca closterium</i>	100	100	200	0	700	200	200	0	400	100	200	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.200	0	1.200	0	0	0	0	0	1.000	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	1.200	400	1.200	500	100	500	100	200	800	400	100	200
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	500	0	0	600	0	800	0	0	1.900	0	400
<i>Pleurosigma directum</i>	100	0	0	0	0	0	0	0	100	100	0	0
<i>Pleurosigma normanii</i>	100	0	0	0	0	0	0	0	0	0	100	0
<i>Pseudo-nitzschia</i> cf. <i>australis</i>	0	0	0	0	0	0	0	0	400	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	600	0	0	1.800	0	0	600	0	0	700
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis</i> cf. <i>nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	0	0	400	0	900
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	800	0	0	0	0	0	200	100	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>aestivalis</i>	0	0	0	0	0	0	0	0	0	200	200	200
<i>Thalassiosira</i> cf. <i>deciens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>minuscule</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>rotula</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	0	100	200	0	0	0	300	0	0	0
<i>Diatomeas pennadas</i> indet.	0	0	0	0	0	0	0	0	0	100	0	0

Anexo 47 (continuación)

	L16N1 I. Chaullín 22-jul-09		L17 Auchemó 23-jul-09		L17N1 E. Palvitad 23-jul-09		L19 Pta. Chiguao 22-jul-09		L19N1 Yelcho 24-jul-09		L19N2 C. Coldita 21-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	100	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	100	100	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas palmipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	200	200	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	0	400	0	0	0	0	200	200	200
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	100	0	0	0	0	0	200	100	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	200	200	0	0	200	0	0	0	100	0	0	0
TOTAL DIATOMEAS	2.700	1.200	5.700	700	1.900	2.700	1.400	500	3.900	3.800	1.100	2.600
TOTAL DINOFLAGELADOS	0	0	0	200	300	100	0	100	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	100	0	400	0	0	0	0	200	200	200
TOTAL OTROS	200	200	100	0	200	0	0	0	300	100	0	0
TOTAL	2.900	1.400	5.900	900	2.800	2.800	1.400	600	4.200	4.100	1.300	2.800

Anexo 47 (continuación)

	L20 I. Laitec		L20N1 Bco. Velahue		L21 B. Corcovado		L22 B. Asasao		L22N1 Ens. Quilánlar		L22N2 Inio	
	21-jul-09		24-jul-09		22-jul-09		25-jul-09		25-jul-09		25-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus senarius</i>	200	100	600	0	900	700	0	0	100	0	0	0
<i>Amphipora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curviretus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	800	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	1.100	0	100	100	600	0	0	0	0	0	100	200
<i>Corethron pennatum</i>	0	0	0	0	100	100	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	0	200	0	100	0	200	100	100	100	100	200	0
<i>Cylindrotheca closterium</i>	200	0	200	500	600	400	0	100	0	300	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	100	0	0	0	0	0	0	100	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	900	0	0	0
<i>Leptocylindrus danicus</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	800	0	0	0	1.200	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	400	900	200	500	1.400	1.400	0	0	100	200	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Paralia sulcata</i>	0	600	0	0	0	0	0	0	700	500	0	0
<i>Pleurosigma directum</i>	0	100	100	0	0	100	100	200	0	100	0	300
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>australis</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>P. cf. pseudodelicatissima</i>	200	0	0	0	0	200	0	0	0	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>pungens</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	600	400	1.100	600	1.800	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis</i> cf. <i>nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	0	0	0	0	700
<i>Thalassiosira anguste-lineata</i>	0	0	0	200	0	200	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	800	0	400	800	0	0	0	0	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>aestivalis</i>	200	0	0	0	0	0	0	0	0	800	600	0
<i>Thalassiosira</i> cf. <i>deciens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>minuscule</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>rotula</i>	0	0	0	500	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	0	200	0	0	400	0	1.200	800	0	0	0	0
<i>Diatomeas pennadas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 47 (continuación)

	L20 I. Laitec		L20N1 Bco. Velahue		L21 B. Corcovado		L22 B. Asasao		L22N1 Ens. Quilánlar		L22N2 Inio	
	21-jul-09		24-jul-09		22-jul-09		25-jul-09		25-jul-09		25-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	100	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	100	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas palmipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	100	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	100	0	100	0	100	0	200	0	0	0	200
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	100	0	0	0	0	100	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	100	100	0	200	200	0	0	0	0	0	0	0
TOTAL DIATOMEAS	3.900	3.500	3.200	2.500	7.400	4.100	1.400	1.200	1.900	2.100	1.500	1.200
TOTAL DINOFLAGELADOS	0	200	0	100	0	100	100	0	0	0	100	0
TOTAL SILICOFLAGELADOS	0	100	0	100	0	100	0	200	0	0	0	200
TOTAL OTROS	100	100	0	300	200	0	0	0	100	0	0	0
TOTAL	4.000	3.900	3.200	3.000	7.600	4.300	1.500	1.400	2.000	2.100	1.600	1.400

Anexo 47 (continuación)

	L23		L23N1		L23N2		L24		L24N1		L25	
	I. Sn. Pedro		C. Guamblad		I. Sn. Pedro 2		I. Guapikilán		I. Guapikilán 2		B. Tic Toc	
	21-jul-09		24-jul-09		24-jul-09		25-jul-09		25-jul-09		23-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus senarius</i>	0	100	0	100	0	300	0	0	0	200	300	300
<i>Amphipora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	1.500	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	300	0	0	0	0	800	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Coscinodiscus</i> spp.	0	0	100	200	100	200	100	0	300	400	0	0
<i>Cylindrotheca closterium</i>	700	400	0	100	200	400	500	100	0	0	400	400
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	1.900	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	400	0	0	0	0	400
<i>Leptocylindrus minimus</i>	1.000	400	0	0	0	700	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	800	1.200	100	200	100	300	100	200	200	100	200	500
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicirris</i>	0	0	0	0	0	0	100	200	0	200	0	0
<i>Paralia sulcata</i>	0	0	500	0	0	600	0	0	0	0	600	300
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	200	100	0	100	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>australis</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	400	0	0	600	0	300	100
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis</i> cf. <i>nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	0	0	400	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>aestivalis</i>	0	0	0	0	200	0	200	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>deciens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>minuscule</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>rotula</i>	0	0	0	0	0	0	0	100	0	600	0	0
<i>Thalassiosira</i> spp.	200	200	100	700	100	0	0	0	0	0	100	0
<i>Diatomeas pennadas indet.</i>	0	0	600	600	0	0	0	0	0	0	0	0

Anexo 47 (continuación)

	L23		L23N1		L23N2		L24		L24N1		L25	
	I. Sn. Pedro		C. Guamblad		I. Sn. Pedro 2		I. Guapikilán		I. Guapikilán 2		B. Tic Toc	
	21-jul-09		24-jul-09		24-jul-09		25-jul-09		25-jul-09		23-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax</i> spp.	0	0	0	0	0	0	0	0	0	100	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	100	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	100	0	0	100	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas palmipes</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	100	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	100	100	100	0	0	0	0	0	0	0	200	0
TOTAL DIATOMEAS	2.700	2.400	1.400	4.100	1.200	2.900	1.400	900	3.600	1.900	2.200	2.000
TOTAL DINOFLAGELADOS	100	100	0	0	100	0	100	0	0	100	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	100	0	0	0	0	0
TOTAL OTROS	100	100	100	0	0	0	0	0	0	0	200	0
TOTAL	2.900	2.600	1.500	4.100	1.300	2.900	1.600	900	3.600	2.000	2.400	2.000

Anexo 48
Densidad de fitoplancton (cél·L⁻¹) en la región de Los Lagos.
Crucero 7 (1 - 29 septiembre 2009).

	L01 Metri		L02 Yates		L02N1 Sotomó		L02N2 Cochamó		L02N3 Marimeli		L02N4 Pocoihuén	
	24-sep-09		24-sep-09		24-sep-09		25-sep-09		25-sep-09		25-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	200	1.800	700	100	0	11.900	0	600	2.100	500	1.400	1.100
<i>Actinopteryx sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	2.300	400	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	400	0	0	0	0	0	1.000	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	12.200	19.300	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	24.700	10.400	500	700	900	0	700	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	2.200	2.000	0	0	0	0	400	0	0	0	700	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	400	100	0	100	0	1.000	100	0	100	300	300
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	0	600	700	100	600	400	1.700	600	600	200	700	600
<i>Cylindrotheca closterium</i>	1.300	5.000	0	200	200	500	700	400	600	400	0	300
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	1.800	800	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	400	0	0	0	0
<i>Leptocylindrus minimus</i>	300	5.200	0	400	0	0	4.500	400	300	600	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	700	0	8.900	2.000	700	600	500	0	1.600	200	500	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	3.400	2.100	300	0	200	0	600	600	0	0
<i>Navicula spp.</i>	400	9.800	0	900	200	3.900	2.000	2.400	500	2.900	700	3.100
<i>Odontella longicurris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	100	0	0	0	500	200	100	0	200	0
<i>Pleurosigma normanii</i>	0	200	0	0	0	0	0	0	0	0	100	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	424.000	265.000	0	0	0	400	500	400	500	800	0	400
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	700	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	1.100	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	3.782.600	2.199.400	131.400	57.500	8.895.000	106.500	3.091.200	19.200	22.188.400	484.800	4.049.800	12.300
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	12.900	7.800	50.700	4.100	18.300	1.600	204.900	48.500	94.400	4.800	18.100	26.700
<i>Thalassiosira anguste-lineata</i>	0	0	700	0	0	0	0	0	200	0	0	0
<i>Thalassiosira delicatula</i>	1.900	34.200	15.400	0	6.900	0	38.700	3.000	32.700	400	2.600	200
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	102.000	316.000	188.000	300	93.000	1.400	277.000	20.100	208.000	2.100	52.400	9.000
<i>Thalassiosira cf. decipiens</i>	3.200	45.400	45.300	3.600	8.300	1.600	19.800	18.600	114.000	1.600	16.400	11.400
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	600	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	200	300	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	300	0	0	0	0	0	0

Anexo 48 (continuación)

	L01 Metri		L02 Yates		L02N1 Sotomó		L02N2 Cochamó		L02N3 Marimeli		L02N4 Pocoihuén	
	24-sep-09		24-sep-09		24-sep-09		25-sep-09		25-sep-09		25-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	1.100	0	0	0	0	0	0	0	100	200	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	0	100	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	100	0	0	0
<i>Gyrodinium</i> spp.	200	1.000	0	0	0	0	200	100	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	300	800	0	0	0	0	0	200	200	100	0	0
<i>Phalacroma rotundatum</i>	100	0	0	0	0	0	0	0	100	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>pellucidum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> spp.	2.000	400	200	0	200	0	0	0	300	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados</i> indet.	0	400	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	19.300	0	0	0	0	0	0	100	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	100	0	0	0	0	100	0	0	500	700	0	100
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	4.371.500	2.924.600	448.200	72.400	9.024.600	129.100	3.645.900	114.900	22.644.800	500.300	4.143.900	65.400
TOTAL DINOFLAGELADOS	3.900	2.600	300	0	200	0	200	300	800	300	0	0
TOTAL SILICOFLAGELADOS	0	19.300	0	0	0	0	0	0	100	0	0	0
TOTAL OTROS	100	0	0	0	0	100	0	0	500	700	0	100
TOTAL	4.375.500	2.946.500	448.500	72.400	9.024.800	129.200	3.646.100	115.200	22.646.200	501.300	4.143.900	65.500

Anexo 48 (continuación)

	L03		L03N1		L04		L05	L06		L06N1	
	Cta. La Arena		Potrerillos		Calbuco Paso Quenu		Quetalmahue	Hueihue		I. Caicura	
	28-sep-09	23-sep-09	23-sep-09	23-sep-09	25-sep-09	25-sep-09	22-sep-09	22-sep-09	22-sep-09	29-sep-09	29-sep-09
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS											
<i>Achnanthes longipes</i>	0	0	600	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	100	5.600	200	800	1.600	1.200	100	300	0	2.200	100
<i>Actinopteryx sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Amphipora spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	1.200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	100	700	0	0	500	1.600	0	700	4.000	1.600	200
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	34.200	3.500	0	0	2.000	3.800	0	1.900	800	9.400	5.300
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	4.600	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	36.600	19.000	3.100	600	1.200	2.200	1.600	0	1.200	49.200	13.800
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	5.400	2.700
<i>Chaetoceros spp.</i>	0	0	0	0	0	1.200	15.300	500	600	2.200	2.200
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	300	600	0	0	100	0	0	0	0	600	500
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	400	500	300	600	600	4.000	600	0	1.500	400	100
<i>Cylindrotheca closterium</i>	1.500	6.400	100	200	2.000	2.800	900	500	1.200	8.200	3.700
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	200	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	700	0	0	0	0
<i>Eucampia zodiacus</i>	2.200	900	0	0	400	0	3.400	0	0	600	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	200	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	400	400	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.100	0	0	800	4.200	6.400	23.000	900	16.000	14.000	3.200
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	6.000	500	600	1.200	800	600	0	0	0	800	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	3.000	0	100	0	0	200	0	0	0	0	0
<i>Navicula spp.</i>	1.400	18.000	200	6.400	1.000	1.200	2.500	200	600	15.800	26.900
<i>Odontella longicurvis</i>	400	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	2.300	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	100	100	0	100	200	0	300	0	0	0	100
<i>Pleurosigma normanii</i>	0	0	0	0	0	300	4.100	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	561.100	113.000	0	0	14.200	24.800	0	13.900	26.500	579.500	104.000
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.912.200	1.180.700	4.416.000	136.600	9.600	5.800	11.600	6.300	2.300	3.694.000	1.265.800
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	19.400	2.000	16.000	11.000	0	2.000	0	1.100	0	2.600	7.600
<i>Thalassiosira anguste-lineata</i>	1.000	0	0	0	1.600	3.300	0	200	0	0	0
<i>Thalassiosira delicatula</i>	35.600	36.000	6.000	0	4.800	11.200	146.800	1.900	2.000	11.200	300
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	5.500	191.000	47.500	600	6.600	23.800	2.000	0	0	478.000	193.000
<i>Thalassiosira cf. decipiens</i>	65.200	52.200	8.900	900	1.600	0	0	0	0	63.000	155.300
<i>Thalassiosira cf. minuscula</i>	0	8.600	0	0	400	12.000	1.600	0	10.700	800	1.000
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	500	0	0	400	0	52.900	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	600	6.400	1.500	800	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	200	0	100	0	0	0

Anexo 48 (continuación)

	L03 Cta. La Arena 28-sep-09		L03N1 Potrerillos 23-sep-09		L04 Calbuco Paso Quenu 25-sep-09		L05 Quetalmahue 22-sep-09	L06 Hueihue 22-sep-09		L06N1 I. Caicura 29-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS											
<i>Amphidinium</i> spp.	0	100	0	0	0	0	0	0	0	0	1.000
<i>Corythodinium</i> sp.	0	0	0	0	0	0	200	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	200	300
<i>Dinophysis</i> spp.	0	0	0	0	0	100	0	0	0	0	300
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	1.000	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	600	100	0	0	0	0	0	0	100	3.400	300
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	100	0	0	0	0
<i>Oxytoxum</i> spp.	0	100	0	0	0	0	0	0	0	2.400	200
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	100
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	2.300	100
<i>Protoperidinium</i> spp.	1.500	0	0	0	100	0	700	0	0	1.500	1.400
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados</i> indet.	900	500	0	0	0	0	0	0	0	17.800	0
SILICOFLAGELADOS											
<i>Dictyocha speculum</i>	0	100	0	0	0	0	0	0	0	200	0
ZOOMASTIGOFOROS											
<i>Ebria tripartita</i>	200	300	0	100	0	0	0	0	0	1.000	1.500
CILIADOS											
<i>Mesodinium rubrum</i>	0	0	0	0	0	200	0	0	0	100	0
EUGLENOFICEAS											
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	200	100	0	0	0
TOTAL DIATOMEAS	2.688.800	1.639.800	4.501.900	159.800	54.200	114.200	274.000	30.000	68.200	4.939.500	1.785.800
TOTAL DINOFLAGELADOS	3.000	900	0	0	200	100	2.000	0	100	27.600	3.700
TOTAL SILICOFLAGELADOS	0	100	0	0	0	0	0	0	0	200	0
TOTAL OTROS	200	300	0	100	0	200	200	100	0	1.100	1.500
TOTAL	2.692.000	1.641.100	4.501.900	159.900	54.400	114.500	276.200	30.100	68.300	4.968.400	1.791.000

Anexo 48 (continuación)

	L07 C. Cauahué		L08 I. Mechuque		L09 I. Butachauques		L10 Ayacara		L10N1 I. Chulín		L10N2 I. Talcán 2	
	10-sep-09		10-sep-09		10-sep-09		10-sep-09		11-sep-09		11-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	4.400	1.700	200	100	2.500	1.300	3.500	9.000	900	1.900	600	3.800
<i>Actinopteryx sp. 1</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Amphiprora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Chaetoceros convolutus</i>	900	0	1.100	0	1.000	0	4.400	400	700	0	200	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	3.200	1.800	0	0	500	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	5.800	1.500	0	0	5.600	400	400	300	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	700	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	900	0	0	0	0	0	300	0	0	600
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	200	0	0	0	100	0	100	100	100	100	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	700	0	800	200	100	0	900	700	300	200	300	500
<i>Cylindrotheca closterium</i>	800	500	1.000	700	1.200	100	1.800	1.500	500	400	500	1.600
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	200	400	0	0	0	400
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	600	0	0	0	800	300	0	0	0	900
<i>Leptocylindrus minimus</i>	10.000	1.600	9.100	10.800	8.400	1.800	16.800	6.200	2.100	400	2.800	3.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	200	0	200	200
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	1.400	300	1.300	300	100	100	200	400	800	300	300	400
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Paralia sulcata</i>	0	0	0	300	0	700	0	0	300	0	1.300	1.000
<i>Pleurosigma directum</i>	200	0	0	0	0	0	100	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	4.300	3.500	6.200	8.400	3.500	1.200	2.800	1.900	800	1.800	3.400	2.000
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	300	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	9.900	5.100	0	127.000	16.400	7.700	800	6.800	2.500	2.400	6.200	6.200
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Thalassionema nitzschioides</i>	5.300	5.000	0	0	1.900	0	0	200	900	0	5.300	1.200
<i>Thalassiosira anguste-lineata</i>	600	200	4.100	3.600	1.400	1.200	6.900	1.900	1.600	300	2.100	0
<i>Thalassiosira delicatula</i>	3.700	2.500	31.900	16.400	7.600	200	6.100	400	600	400	200	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	2.100	20.200	15.000	9.000	5.100	700	0	2.100	400	1.700	1.400
<i>Thalassiosira cf. decipiens</i>	600	1.400	0	0	800	0	1.600	1.400	0	200	1.400	1.300
<i>Thalassiosira cf. minuscula</i>	400	900	5.900	6.400	400	600	0	200	0	200	400	200
<i>Thalassiosira cf. punctigera</i>	0	400	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	1.100	0	0	0	2.000	300	3.200	1.500	700	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	100	0	0	0	0	0	0	0	0	0

Anexo 48 (continuación)

	L07 C. Caucahué		L08 I. Mechuque		L09 I. Butachauques		L10 Ayacara		L10N1 I. Chulín		L10N2 I. Talcán 2	
	10-sep-09		10-sep-09		10-sep-09		10-sep-09		11-sep-09		11-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	100	0	0	0	100	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	100	100	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	100	100	400	300	0	0	200	300	0	0	0	300
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	100	0	0	0	100	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	0	0	0	100	0	0	100	0	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	100	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	400	0	400	100	0	0	400	0	400	100	200	0
TOTAL DIATOMEAS	45.200	25.200	92.800	192.500	56.700	20.600	57.100	33.900	16.200	9.300	27.900	25.300
TOTAL DINOFLAGELADOS	100	100	500	300	100	0	300	400	200	0	0	300
TOTAL SILICOFLAGELADOS	0	0	100	0	0	0	100	0	0	100	0	100
TOTAL OTROS	400	0	400	100	0	0	500	0	400	100	200	0
TOTAL	45.700	25.300	93.800	192.900	56.800	20.600	58.000	34.300	16.800	9.500	28.100	25.700

Anexo 48 (continuación)

	L10N3 B. Pumalín		L11 C. Dalcáhue		L12 I. Quehui		L13 I. Chaulinec		L14 I. Talcán		L16 I. Acuí	
	11-sep-09		10-sep-09		11-sep-09		11-sep-09		11-sep-09		2-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	400	1.300	900	3.900	1.100	1.100	300	1.200	2.300	1.900	200	100
<i>Actinopterychus sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora spp.</i>	0	0	0	0	0	200	0	0	0	0	200	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	1.200	700	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	12.200	9.800	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	1.200	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	1.200	0	0	0	0	0	0
<i>Chaetoceros korenzianus</i>	0	0	0	0	1.300	0	0	0	500	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	35.600	700	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	800	0	0	600	1.600	0	0	0	0	100	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Corethron pennatum</i>	100	0	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	0	400	0	100	500	100	0	0	100	800	0	0
<i>Cylindrotheca closterium</i>	700	900	200	200	600	1.200	100	100	900	1.100	300	100
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	100	0	200	0	0
<i>Guinardia delicatula</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	7.600	8.200	1.000	700	0	500	0	0	3.500	6.200	500	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	100	700	100	200	300	400	300	100	0	200	200	500
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	700	0	500	0	1.100	0	200
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	100	0	0	0	0	0	0	100
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	1.400	2.100	1.300	600	400	200	0	500	700	2.300	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	2.700	7.300	3.800	12.700	300	1.100	1.000	900	8.000	12.500	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	800	1.000	0	0	0	0	200	1.200	0	0
<i>Thalassiosira anguste-lineata</i>	800	2.600	400	200	200	400	0	500	900	1.300	0	0
<i>Thalassiosira delicatula</i>	0	3.000	400	400	0	0	100	0	400	0	600	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	2.400	1.300	0	1.100	600	0	800	2.000	0	0	0
<i>Thalassiosira cf. decipiens</i>	400	0	0	0	0	400	0	0	0	2.600	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	800	0	0	0	0	0	0	0	600	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	700	0	600	0	0	100	200	100	500	900	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	100	0	0	0	0	0	100	0

Anexo 48 (continuación)

	L10N3 B. Pumalín		L11 C. Dalcahue		L12 I. Quehui		L13 I. Chaulinec		L14 I. Talcán		L16 I. Acuí	
	11-sep-09		10-sep-09		11-sep-09		11-sep-09		11-sep-09		2-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	100	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	100	0	0	0	0	0	0	100	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> spp.	0	0	0	0	0	100	0	0	100	200	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados</i> indet.	0	0	0	100	200	0	0	0	0	0	100	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	100	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	100	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	100	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	100	200	100	0	100	0	0	0	0	100	0	100
TOTAL DIATOMEAS	16.100	31.200	10.800	20.000	55.000	21.500	2.000	4.900	20.300	32.900	2.200	1.000
TOTAL DINOFLAGELADOS	100	0	0	200	300	100	0	100	100	200	100	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	100	0	0
TOTAL OTROS	100	200	100	0	100	0	0	0	0	200	100	100
TOTAL	16.300	31.400	10.900	20.200	55.400	21.600	2.000	5.000	20.400	33.400	2.400	1.100

Anexo 48 (continuación)

	L16N1 I. Chaullín		L17 Auchemó		L17N1 E. Palvitad		L19 Pta. Chiguao		L19N1 Yelcho		L19N2 C. Coldita	
	2-sep-09		1-sep-09		1-sep-09		2-sep-09		2-sep-09		4-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	200	0	2.800	2.400	0	1.200	200	100	100	0	300	600
<i>Actinopterychus sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	3.300	0	0	0	0	2.100	0	0	0	0	0	4.600
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros korenzianus</i>	0	0	0	0	0	700	0	1.100	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	100	200	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	0	0	300	100	0	0	0	0	300	100	100	0
<i>Cylindrotheca closterium</i>	300	0	500	300	0	500	400	200	0	0	100	100
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	800	0	0	0	4.800	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	1.200	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.600	300	0	1.200	1.100	1.200	200	600	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	2.300	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	600	600	200	500	0	100	500	0	0	200	200	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Paralia sulcata</i>	0	0	0	1.700	0	0	0	0	0	1.200	0	700
<i>Pleurosigma directum</i>	0	0	100	100	0	100	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	500	200	600	0	0	0	0	0	200
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	3.200	600	0	5.200	1.300	0	2.100	0	300	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	1.300	400	0	0	0	0	200
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	700	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	2.300	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	600	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	400	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	300	0	0	0	0
<i>Thalassiosira spp.</i>	0	200	400	600	200	300	0	0	0	0	0	200
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	100	100

Anexo 48 (continuación)

	L16N1 I. Chaullín		L17 Auchemó		L17N1 E. Palvítad		L19 Pta. Chiguao		L19N1 Yelcho		L19N2 C. Coldita	
	2-sep-09		1-sep-09		1-sep-09		2-sep-09		2-sep-09		4-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	100	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Prorocentrum micans</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> spp.	0	100	0	0	100	0	0	0	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	300	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	100	0	100	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	100	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	200	0	0	500	0	0	0	0	100	0	0
TOTAL DIATOMEAS	6.000	2.200	10.000	9.200	1.600	22.100	3.400	2.300	2.500	1.500	1.100	6.800
TOTAL DINOFLAGELADOS	100	400	0	100	100	100	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	100	0	100	0	0	0	0
TOTAL OTROS	0	200	0	0	500	0	0	0	100	100	0	0
TOTAL	6.100	2.800	10.000	9.300	2.200	22.300	3.400	2.400	2.600	1.600	1.100	6.800

Anexo 48 (continuación)

	L20 I. Laitec		L20N1 Bco. Velahue		L21 B. Corcovado		L22 B. Asasao		L22N1 Ens. Quilánlar		L22N2 Inio	
	9-sep-09		2-sep-09		1-sep-09		3-sep-09		3-sep-09		3-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	0	0	300	0	900	1.200	300	100	100	400	200	0
<i>Actinopterychus sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	1.500
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	400	1.800	600	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	500	1.000	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros korenzianus</i>	0	0	0	0	0	0	1.100	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	1.100	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	200	0	200	0	900	0	0	400	0	200	700	400
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	200	0	0	100	100	0	0	0	100	400	0	200
<i>Cylindrotheca closterium</i>	300	500	0	500	100	300	600	400	900	200	300	400
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	3.000
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	400	1.600	600	0	0	100	100	0	0
<i>Licmophora abbreviata</i>	0	0	100	100	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	100	300	0	100	900	200	1.100	700	100	300	500	1.100
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	200	0	200	0	0
<i>Paralia sulcata</i>	0	0	0	0	700	0	700	1.800	500	0	0	0
<i>Pleurosigma directum</i>	100	0	0	100	0	0	100	100	100	100	0	200
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	100	100	200	0	0	0	0	200	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	600	15.500	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	600	0	400	0	0	0	0	2.900	1.500	3.000	1.400	1.900
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	200	0	0	0	0	0	600	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	400	0	0	400
<i>Thalassiosira cf. decipiens</i>	800	0	0	0	900	0	0	0	100	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	2.100	500	200	800	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	800	0	0	0	0
<i>Thalassiosira spp.</i>	0	200	0	0	0	0	1.500	400	0	100	900	300
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	300	0	0	0	0	0	0

Anexo 48 (continuación)

	L20 I. Laitec		L20N1 Bco. Velahue		L21 B. Corcovado		L22 B. Asasao		L22N1 Ens. Quilanlar		L22N2 Inio	
	9-sep-09		2-sep-09		1-sep-09		3-sep-09		3-sep-09		3-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	100	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	100	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	200	100	200	400	100	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	100	0	0	0	0
<i>Dinoflagelados</i> indet.	0	100	0	0	0	0	100	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	100	0	0	0	300	0	100	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	200	100	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	0	100	100	400	300	0	0	0	0	0	100	0
TOTAL DIATOMEAS	2.300	1.100	1.000	3.100	22.100	2.800	5.800	11.900	5.500	6.200	6.600	9.400
TOTAL DINOFLAGELADOS	0	100	0	200	100	300	500	200	100	0	0	0
TOTAL SILICOFLAGELADOS	0	0	100	100	0	0	0	300	0	100	100	0
TOTAL OTROS	0	100	100	400	300	0	200	100	0	0	100	0
TOTAL	2.300	1.300	1.200	3.800	22.500	3.100	6.500	12.500	5.600	6.300	6.800	9.400

Anexo 48 (continuación)

	L23		L23N1		L23N2		L24		L24N1		L25	
	I. Sn. Pedro		C. Guamblad		I. Sn. Pedro 2		I. Guapiquilán		I. Guapiquilán 2		B. Tic Toc	
	4-sep-09		4-sep-09		4-sep-09		3-sep-09		3-sep-09		1-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	400	100	300	100	0	0	300	0	600	100	500	200
<i>Actinopterychus sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	900	0	300	2.400	0	0	0	2.400	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros korenzianus</i>	0	700	100	0	600	0	0	900	500	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	900	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	200	0	0	200	0	0	100	0	0	300	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	200	0	200	0	200	600	500	300	0	300	600	200
<i>Cylindrotheca closterium</i>	200	0	300	200	100	300	500	0	100	200	300	0
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	100	0	0	0	0	0	0	200
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	600	0	400	600	300	0	300	0	0	5.100	2.000
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	100	0	300	200	500	200	700	800	100	500	400	400
<i>Odontella longicurvis</i>	0	0	0	0	0	0	200	0	200	200	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	800
<i>Pleurosigma directum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	600	0	0	0	1.200	1.200
<i>Stephanopyxis turris</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	400	0	1.300	2.000	700	3.500	4.500	1.100	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	400	0	0	0	0	0	0	300	0	300	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	400	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	400	100	0	100	400	0	200	400	0	400	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 48 (continuación)

	L23 I. Sn. Pedro 4-sep-09		L23N1 C. Guamblad 4-sep-09		L23N2 I. Sn. Pedro 2 4-sep-09		L24 I. Guapiquilán 3-sep-09		L24N1 I. Guapiquilán 2 3-sep-09		L25 B. Tic Toc 1-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	100	0	0	100	0	0	0	0	100	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	100	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	100	0	100	0	100	100	200	100	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados</i> indet.	0	0	0	0	300	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	200	0	0	100	100	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	100	0	0	0	100	100	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas</i> indet.	0	0	0	0	0	0	0	0	0	0	100	100
TOTAL DIATOMEAS	1.500	2.000	2.300	2.100	3.100	5.600	6.000	3.400	5.300	8.900	9.500	5.000
TOTAL DINOFLAGELADOS	0	0	100	200	300	200	0	100	100	200	200	0
TOTAL SILICOFLAGELADOS	0	0	0	0	200	0	0	100	100	0	0	0
TOTAL OTROS	100	0	0	0	100	100	0	0	0	0	100	100
TOTAL	1.600	2.000	2.400	2.300	3.700	5.900	6.000	3.600	5.500	9.100	9.800	5.100

Anexo 49

Densidad de fitoplancton (cél·L⁻¹) en la región de Los Lagos.
Crucero 8 (6 octubre - 9 noviembre 2009).

	L01 Metri		L02 Yates		L02N1 Sotomó		L02N2 Cochamó		L02N3 Marimeli		L02N4 Pocolhuén	
	2-nov-09		6-nov-09		6-nov-09		4-nov-09		6-nov-09		4-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	200	400	200	500	400	0	0	200	0	0	0	200
<i>Actinopterychus</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	1.300	1.500	0	1.900	0	0	0	1.200	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	37.000	4.600	0	0	1.500	0	0	0	0	5.900	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	5.500	0	0	0	800	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	3.300	0	0	0	600	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	1.100	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	1.100	800	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	200	300	300	100	200	400	0	1.000	100	0	0	500
<i>Cylindrotheca closterium</i>	200	100	0	0	0	0	100	0	0	0	200	0
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Diploneis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	3.000	0	400	600	100	0	0	800	0	100	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	700	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	1.100	0	0	200	600	700	0	1.500	1.500	200	200	0
<i>Melosira varians</i>	1.700	0	0	0	800	0	800	0	200	700	0	0
<i>Navicula</i> spp.	0	0	0	0	0	0	0	0	0	100	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscía alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	3.300	900	200	0	1.700	0	0	400	0	0	0	0
<i>Rhizosolenia setigera</i>	200	100	0	100	200	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	22.000	17.700	4.426.200	140.000	63.100	3.979.400	10.299.500	3.397.700	7.226.700	197.000	19.350.600	822.800
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	2.000	0	0	0	0	0	3.200	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	16.800	700	1.700	600	1.900	2.000	0	0	1.900	1.100	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>aestivalis</i>	200	600	0	0	0	0	0	1.200	1.300	400	0	0
<i>Thalassiosira</i> cf. <i>decipiens</i>	0	500	0	0	1.500	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>minuscule</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	1.000	0	500	300	0	1.000	0	0	0	400	0	0
<i>Diatomeas pennadas</i> indet.	0	0	100	0	0	100	0	0	0	0	0	0

Anexo 49 (continuación)

	L01 Metri		L02 Yates		L02N1 Sotomó		L02N2 Cochamó		L02N3 Marimeli		L02N4 Pocoihuén	
	2-nov-09		6-nov-09		6-nov-09		4-nov-09		6-nov-09		4-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	100	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	0	0	100	0	200	0	100	0	0	0	200
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	100	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	200	0	0	0	0	0	0	0	0	0	100	0
<i>Gyrodinium</i> spp.	0	0	0	200	100	0	0	100	0	0	0	500
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	200	0	0	0	0
<i>Phalacroma rotundatum</i>	100	0	0	100	0	0	0	100	0	100	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	100	0	0	0	0	0	0	0	600	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium</i> spp.	600	100	100	200	400	500	0	300	100	0	800	400
<i>Dinoflagelados indet.</i>	200	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	300	0	0	0	0	0	0	0	0	0	100	0
CILIADOS												
<i>Mesodinium rubrum</i>	100	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	300	0	0	0	0	100	1.200	0	0	0	0	0
TOTAL DIATOMEAS	97.900	30.700	4.431.100	142.400	75.300	3.983.600	10.300.500	3.406.200	7.232.900	205.900	19.351.000	823.500
TOTAL DINOFLAGELADOS	1.200	100	200	600	500	700	0	1.100	200	100	1.500	1.100
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	700	0	0	0	0	100	1.200	0	0	0	100	0
TOTAL	99.800	30.800	4.431.300	143.000	75.800	3.984.400	10.301.700	3.407.300	7.233.100	206.000	19.352.600	824.600

Anexo 49 (continuación)

	L03		L03N1		L04		L05	L06		L06N1	
	Cta. La Arena		Potrerillos		Calbuco Paso Quenu		Quetalmahue	Hueihue		I. Caicura	
	7-nov-09		6-nov-09		2-nov-09		3-nov-09	9-nov-09		7-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS											
<i>Actinopterychus senarius</i>	400	100	600	0	100	100	0	200	100	200	500
<i>Actinopterychus sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	900	0	800	0	1.600	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	800	0	0	0	0	0	1.500	0
<i>Chaetoceros debilis</i>	7.100	4.100	0	0	0	0	0	2.100	2.900	0	1.800
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	600	600	0	0	0	0	900	400	200	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	4.000	0	0	0	0	0	0	500	0	0	0
<i>Chaetoceros radicans</i>	0	0	1.400	0	0	0	0	2.000	2.500	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	1.200	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	700	0	0	0	1.900	1.600	3.500	1.700	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	400	0	0
<i>Coscinodiscus spp.</i>	200	400	0	400	100	0	900	1.400	400	200	100
<i>Cylindrotheca closterium</i>	100	0	0	0	600	400	1.900	1.000	2.600	100	0
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	200	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	100	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	600	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	200	0	0	0	0	0
<i>Guinardia delicatula</i>	600	2.200	0	0	0	3.500	30.600	600	3.700	1.700	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	900	0	0	0	0	0	1.800	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	2.500	1.200	47.100	402.600	98.000	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	1.300	0	0	0	0
<i>Melosira moniliformis</i>	0	0	200	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	200	300	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	600	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	600	100	100	0	0
<i>Pleurosigma normanii</i>	0	0	0	100	0	200	0	100	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	800	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	400	6.200	5.700	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	700	0	0	600	0	0	0
<i>Rhizosolenia imbricata</i>	4.100	400	0	100	500	1.300	0	0	0	200	0
<i>Rhizosolenia setigera</i>	100	0	0	100	300	400	6.600	100	200	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	2.365.100	57.500	5.200.800	125.100	0	1.800	3.900	2.700	1.600	5.915.800	61.400
<i>Stephanopyxis turris</i>	0	0	0	0	0	200	200	2.500	3.800	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	200	300	0	1.300	2.500	0	0
<i>Thalassiosira anguste-lineata</i>	37.900	14.800	200	0	0	500	0	800	1.000	6.000	4.400
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	1.800	0	0	0	1.600	0	1.000	5.200	2.400	0	0
<i>Thalassiosira cf. decipiens</i>	0	500	0	0	0	400	0	700	1.600	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	6.300	7.700	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	400	0	0
<i>Thalassiosira spp.</i>	0	0	500	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	100	0	0	0	0	0	0	0

Anexo 49 (continuaci3n)

	L03		L03N1		L04		L05	L06		L06N1	
	Cta. La Arena		Potrerillos		Calbuco Paso Quenu		Quetalmahue	Hueihue		I. Caicura	
	7-nov-09		6-nov-09		2-nov-09		3-nov-09	9-nov-09		7-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS											
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium spp.</i>	0	0	100	0	0	0	600	0	0	0	0
<i>Ceratium fusus</i>	0	0	100	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	100	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis spp.</i>	0	0	100	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	6.700	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	600	100	300	0	0	0	0	200	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	400	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	100	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	600	200	200	600	300	200	900	300	0	600	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	361.800	0	100	0	0
SILICOFLAGELADOS											
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS											
<i>Ebria tripartita</i>	200	300	0	100	100	0	0	0	0	0	0
CILIADOS											
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS											
<i>Euglenofíceas indet.</i>	0	0	0	0	200	0	300	21.600	3.800	0	0
TOTAL DIATOMEAS	2.423.800	80.600	5.205.200	126.700	8.800	10.500	99.400	440.400	143.000	5.927.400	68.200
TOTAL DINOFLAGELADOS	700	200	1.100	800	600	200	370.400	300	100	900	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	200	300	0	100	300	0	300	21.600	3.800	0	0
TOTAL	2.424.700	81.100	5.206.300	127.600	9.700	10.700	470.100	462.300	146.900	5.928.300	68.200

Anexo 49 (continuación)

	L07 C. Cauahué		L08 I. Mechuque		L09 I. Butachauques		L10 Ayacara		L10N1 I. Chulín		L10N2 I. Talcán 2	
	28-oct-09		29-oct-09		29-oct-09		29-oct-09		29-oct-09		29-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	1.000	200	0	100	2.300	400	3.500	1.300	1.600	1.600	100	600
<i>Actinopterychus sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora spp.</i>	100	0	0	0	0	0	0	0	0	0	100	0
<i>Asterionellopsis glacialis</i>	0	0	0	600	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	100	400	400
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	900	0	0	0	0	1.400	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	500	0	700	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	600	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	600	0	300	500	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	500	0	700	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	1.200	0	0	800	400	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	2.100	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	1.700	0	200	0	0	1.500	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	100	100
<i>Coscinodiscus spp.</i>	0	100	200	100	600	400	200	500	400	500	0	200
<i>Cylindrotheca closterium</i>	700	200	300	200	600	400	300	100	300	100	200	300
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	500	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.400	0	4.000	2.000	1.300	0	700	2.700	1.300	3.000	900	1.700
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	200	0	2.400	2.100	3.100	2.600	600	3.000	3.800	2.600	4.400	4.200
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	100	0	0	0	300	100	100	0	300	300	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	700	800	1.300	0	500	0	0	0	400	0	300
<i>Pleurosigma directum</i>	100	0	100	0	0	0	0	100	0	100	200	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	1.100	1.100	200	0	0	100	0	0	100	700	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	300	0	800	0	0	300	800	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	700	0	0	0	0	500	0	0	700	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	400	0	600	200	0	100	700	900	700	300	500	600
<i>Skeletonema costatum</i>	600	0	0	0	0	0	3.200	6.200	2.400	0	500	0
<i>Stephanopyxis turris</i>	0	600	0	300	1.700	0	0	0	0	400	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	600	300	400	1.500	0	400	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	400	0	700	0	400	0	0	0	500	700	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	800	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	100	200	100	300	0	0	0	0	0	400	0	100
<i>Diatomeas pennadas indet.</i>	100	0	0	0	0	100	0	0	0	0	0	100

Anexo 49 (continuación)

	L07 C. Caucahué 28-oct-09		L08 I. Mechuque 29-oct-09		L09 I. Butachauques 29-oct-09		L10 Ayacara 29-oct-09		L10N1 I. Chulín 29-oct-09		L10N2 I. Talcán 2 29-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	100	100	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	100	0	200	0	300	500
<i>Dinophysis</i> spp.	0	0	0	0	0	100	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	500	0	0	0	100	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	100	0	300	500	0	400	400
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Oxytoxum</i> spp.	200	0	0	0	0	0	100	0	0	0	100	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	300	0	100	100	300	200	600	400	300	300	600	600
<i>Dinoflagelados indet.</i>	400	0	500	100	0	100	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	1.200	300	0	0	300	500
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	2.800	0	300	100	1.100	0	0	0	0	0	0	100
TOTAL DIATOMEAS	7.900	4.200	12.800	10.700	12.600	6.200	11.200	17.500	13.900	13.700	8.600	8.600
TOTAL DINOFLAGELADOS	900	0	600	300	400	500	1.300	700	1.000	300	1.600	1.500
TOTAL SILICOFLAGELADOS	0	0	100	0	0	0	0	0	0	0	0	0
TOTAL OTROS	2.800	0	300	100	1.100	0	1.200	300	0	0	300	600
TOTAL	11.600	4.200	13.800	11.100	14.100	6.700	13.700	18.500	14.900	14.000	10.500	10.700

Anexo 49 (continuación)

	L10N3 B. Pumalín		L11 C. Dalcahue		L12 I. Quehui		L13 I. Chaulinec		L14 I. Talcán		L16 I. Acuí	
	29-oct-09		28-oct-09		30-oct-09		30-oct-09		30-oct-09		8-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	100	0	300	200	200	1.300	400	2.100	0	0	0
<i>Actinopterychus sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	800	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	800
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	600	0	0	0	0	0	0	0	1.000	0	2.100
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	500	0	0	800	0	0
<i>Chaetoceros debilis</i>	0	0	1.700	500	2.700	10.700	600	0	0	0	19.100	7.000
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	700	0	0	400	600	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	600	300	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	600	0	0	1.000	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	1.700	0	0	0	400	0	0	0	800	15.200
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	600	0	1.700	400	500	0	0	0	300	0	0	0
<i>Corethron pennatum</i>	0	100	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus spp.</i>	300	600	100	0	0	100	100	0	300	400	400	200
<i>Cylindrotheca closterium</i>	100	500	900	1.400	600	600	400	1.100	500	900	0	400
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	1.200
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	400	0	0	0	0
<i>Guinardia delicatula</i>	3.100	1.500	400	0	1.400	5.100	1.000	700	600	800	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	4.600	1.900
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	600	0	0	0	0
<i>Leptocylindrus minimus</i>	5.900	6.900	0	0	400	2.400	500	300	2.500	2.800	900	600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	600
<i>Melosira varians</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	300	400	0	100	0	100	100	100	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	800	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	100	0	0	0	100	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	500	600	2.600	1.700	200	700	200	800	100	100	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	100	400	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	100	100	0	0	0	0	200	0	0	400	0	0
<i>Skeletonema costatum</i>	0	1.600	0	7.400	0	0	400	0	0	0	0	0
<i>Stephanopyxis turris</i>	1.100	0	0	0	0	0	0	0	0	300	0	400
<i>Striatella unipunctata</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	1.800	0	2.000	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	300	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	800	400
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	700	600	0	0	400	13.400	19.000
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	400	0	0	0	300	0	0	1.600	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	38.800	37.600
<i>Thalassiosira spp.</i>	200	300	500	200	200	0	100	0	300	300	400	0
<i>Diatomeas pennadas indet.</i>	0	0	400	200	0	0	0	0	200	0	0	0

Anexo 49 (continuación)

	L10N3 B. Pumalín 29-oct-09		L11 C. Dalcabue 28-oct-09		L12 I. Quehui 30-oct-09		L13 I. Chaulinec 30-oct-09		L14 I. Talcán 30-oct-09		L16 I. Acuí 8-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	100	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	100	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	100	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	100	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	100	0	0	0	0	100	0	100	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	100	0	0	100	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	200	100	100	0	200	100	300	0	0	200	0	200
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	100	100	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	100	100	100	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	200	200	100	100	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	100	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	100	0	5.400	300	0	100	300	0	0	0	200	0
TOTAL DIATOMEAS	12.000	15.500	13.500	15.300	6.200	22.000	6.900	5.600	7.200	8.300	80.900	87.800
TOTAL DINOFLAGELADOS	500	300	200	100	200	100	400	100	100	400	0	200
TOTAL SILICOFLAGELADOS	0	0	0	0	0	100	100	100	0	0	0	0
TOTAL OTROS	100	0	5.400	300	0	200	300	200	200	100	300	0
TOTAL	12.600	15.800	19.100	15.700	6.400	22.400	7.700	6.000	7.500	8.800	81.200	88.000

Anexo 49 (continuación)

	L16N1 I. Chaullín		L17 Auchemó		L17N1 E. Palvítad		L19 Pta. Chigüao		L19N1 Yelcho		L19N2 C. Coldita	
	8-oct-09		7-oct-09		7-oct-09		6-oct-09		6-oct-09		6-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	500	0	0	400	600	0	300	0	0	0	200	0
<i>Actinopterychus sp. 1</i>	0	0	0	0	0	2.200	0	0	0	0	0	0
<i>Amphiprora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	1.400	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	4.800	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	14.800	900	1.200	0	700	800	0	0	400	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	800	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	404.200	36.400	136.000	9.200	0	0	0	1.500	600	0
<i>Chaetoceros debilis</i>	0	4.500	15.200	38.500	31.600	0	7.700	3.200	4.400	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	8.800	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	2.900	1.900	1.400	0	0	0	1.400	0	0	0
<i>Chaetoceros didymus</i>	0	0	11.500	0	800	0	1.100	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	2.000	6.800	65.000	0	0	200	0	400	0	0
<i>Chaetoceros radicans</i>	0	0	13.600	6.000	6.400	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	900	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	4.300	2.300	2.100	200	2.400	600	1.600	200	500	0
<i>Corethron pennatum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	0	100	300	200	600	200	100	0	100	200	0	0
<i>Cylindrotheca closterium</i>	400	0	200	700	700	400	0	100	300	100	0	200
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	200	0	400	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	3.500	1.000	1.600	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.600	0	1.000	3.400	0	200	1.300	200	1.300	0	400	400
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	800	0	0	0	0	0	0	900	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	600	0	1.700	3.600	6.600	1.600	0	300	400	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	100	100	0	0	0	0	0	100	0
<i>Melosira moniliformis</i>	900	0	0	0	0	0	500	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	100	0	0	100	100	100	0	0	100	0	100
<i>Odontella aurita</i>	0	0	0	0	0	0	0	400	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	900	200	0	400	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	100	0	0	0	0	0	0	0	0	0	100	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	400	0	107.000	63.700	15.800	9.400	200	0	200	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	300	0	0	200	0	0	0	0	0	0
<i>Skeletonema costatum</i>	400	0	0	400	0	3.400	2.300	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	5.700	2.700	2.000	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	5.800	2.500	7.200	3.300	0	400	0	300	0	200
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	200	600	1.900	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	14.800	12.100	26.900	1.700	0	2.200	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	31.900	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	3.600	2.800	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	2.200	800	900	2.700	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	1.700	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 49 (continuación)

	L16N1 I. Chaullín		L17 Auchemó		L17N1 E. Palvítad		L19 Pta. Chiguao		L19N1 Yelcho		L19N2 C. Coldita	
	8-oct-09		7-oct-09		7-oct-09		6-oct-09		6-oct-09		6-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	600	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	400	200	200	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	200	0	0	0	0	0	0	0	0	600
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	100	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	500	300	100	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	100	0	400	300	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	300	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	100	100	0	200	0	0	0	0	0	100	300
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	100	300	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	0	100	0	100	0	0	0	0	0	0	0
TOTAL DIATOMEAS	9.000	5.700	648.300	195.700	312.800	36.800	17.600	10.200	9.800	2.800	2.300	900
TOTAL DINOFLAGELADOS	100	0	2.100	900	300	300	0	0	0	0	0	600
TOTAL SILICOFLAGELADOS	100	100	100	0	200	0	0	0	0	0	100	300
TOTAL OTROS	0	0	100	0	200	300	0	0	0	0	0	0
TOTAL	9.200	5.800	650.600	196.600	313.500	37.400	17.600	10.200	9.800	2.800	2.400	1.800

Anexo 49 (continuación)

	L20		L20N1		L21		L22		L22N1		L22N2	
	I. Laitec		Bco. Velahue		B. Corcovado		B. Asasao		Ens. Quillanlar		Inio	
	6-oct-09		6-oct-09		7-oct-09		9-oct-09		9-oct-09		9-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	600	200	100	0	0	200	0	900	1.100	200	300	600
<i>Actinopterychus sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	800	0	800	600	700	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	200	200	1.400	1.400	200	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	7.200	0	7.200	8.700	3.500	3.500
<i>Chaetoceros constrictus</i>	0	0	0	0	1.400	0	0	0	1.400	3.700	1.200	0
<i>Chaetoceros convolutus</i>	0	0	0	0	1.900	0	0	0	0	0	200	700
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	5.600	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	7.000	7.000	3.300	11.500	179.000	63.000	142.400	0	114.300	90.800	51.200	39.600
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	4.500	3.800	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	900	0	0	0	5.200	2.200	1.100	0	7.400	2.400	2.300	1.200
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	400	0	1.400	2.700	2.200	7.200	0	700	500	500	0
<i>Chaetoceros radicans</i>	0	0	0	0	26.400	8.700	85.200	0	66.200	75.100	26.700	10.600
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	16.000	0	900	0	1.100	1.000
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	600	600
<i>Chaetoceros spp.</i>	0	0	300	0	3.400	1.700	7.700	0	3.300	0	0	600
<i>Corethron pennatum</i>	100	0	0	0	0	0	0	100	400	100	100	0
<i>Coscinodiscus spp.</i>	0	0	0	0	0	200	100	200	100	300	100	0
<i>Cylindrotheca closterium</i>	0	100	400	600	100	100	200	100	300	100	0	0
<i>Dactyliosolen fragilissimus</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	17.000	13.400	16.000	4.200	16.800
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	800	300	1.000	600	400	300
<i>Eucampia zodiacus</i>	0	0	0	0	5.700	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	600	300	0	35.600	90.600	36.400	29.300	33.300	21.600
<i>Guinardia striata</i>	0	0	0	0	0	1.400	0	600	2.000	300	0	4.800
<i>Lauderia annulata</i>	0	0	0	0	0	0	11.200	0	5.900	5.700	4.800	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	4.900	1.900	0	900	1.600	500
<i>Leptocylindrus minimus</i>	0	800	200	3.200	0	0	1.000	0	0	800	0	700
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	100	300	200	0	0	0	200	0	0	200	0	100
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	100	0	0	0	0	300	0	400	0	700	1.300
<i>Paralia sulcata</i>	1.600	0	0	0	0	400	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	100	200	300	100	100	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	7.700	800	8.500	1.800	0	500
<i>P. cf. pseudodelicatissima</i>	0	400	400	1.000	122.600	29.800	400	200	300	600	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	500	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	4.000	0	200	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	200	500
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	700	0	500	0	0	500	400	0	600	2.300	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	2.100	0	4.100	800	400	4.000	500	2.900
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	200	0	200	0	3.500	0	2.000	3.200	2.300	3.400	1.600	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	900	7.300	0	400	2.000	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	3.200	34.200	7.400	13.600	1.200	17.500	2.900	7.500	4.400
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	6.600	5.900	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	1.200	0	1.000	0	9.000	8.300	9.200	4.300	0	600
<i>Thalassiosira cf. rotula</i>	600	600	0	0	0	0	236.200	245.600	180.300	146.000	73.000	54.000
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 49 (continuación)

	L20 I. Laitec		L20N1 Bco. Velahue		L21 B. Corcovado		L22 B. Asasao		L22N1 Ens. Quillanlar		L22N2 Inio	
	6-oct-09		6-oct-09		7-oct-09		9-oct-09		9-oct-09		9-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	1.000	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	100	100	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Dinophysis acuminata</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	100	0	0	0	0	0	0	100	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gyrodinium</i> spp.	0	0	100	0	0	0	100	0	100	100	200	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	100	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	100	0	100	0	300	200
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	0	0	0	0	0	100	100	100	100	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	100	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	100	0	0	0	0
EUGLENÓFICEAS												
<i>Euglenofíceas indet.</i>	0	0	0	100	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	12.100	9.900	6.800	21.600	401.700	141.300	598.900	373.500	486.300	403.200	215.800	167.600
TOTAL DINOFLAGELADOS	100	0	100	0	100	0	200	1.100	200	300	800	200
TOTAL SILICOFLAGELADOS	100	0	0	0	0	0	100	100	100	100	0	0
TOTAL OTROS	0	100	0	100	0	0	0	100	0	0	0	0
TOTAL	12.300	10.000	6.900	21.700	401.800	141.300	599.200	374.800	486.600	403.600	216.600	167.800

Anexo 49 (continuación)

	L23 I. Sn. Pedro 10-oct-09		L23N1 C. Guamblad 10-oct-09		L23N2 I. Sn. Pedro 2 10-oct-09		L24 I. Guapikilán 9-oct-09		L24N1 I. Guapikilán 2 9-oct-09		L25 B. Tic Toc 7-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	200	0	0	0	0	0	800	1.600	0	0	200	400
<i>Actinopterychus sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	1.100	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	800	0	1.700	200	200	0	0
<i>Chaetoceros compressus</i>	0	0	9.400	3.100	800	6.200	0	11.100	3.200	3.000	0	0
<i>Chaetoceros constrictus</i>	0	2.800	0	1.400	1.000	1.400	1.400	0	1.200	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	300	0	0	0	1.400	1.600	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	1.100	0	0	0	0	0	0	0	0	1.000
<i>Chaetoceros debilis</i>	0	15.200	400	12.300	15.000	0	1.400	31.800	21.100	9.800	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	400	500	4.400	4.900	2.800	1.600	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	1.300	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	1.400	1.100	500	0	0	900	0
<i>Chaetoceros radicans</i>	0	19.200	17.300	23.300	0	24.800	15.200	68.000	8.300	10.200	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	400	1.000	0	1.600	900	1.500	1.200	1.100	0	0
<i>Corethron pennatum</i>	0	0	0	200	200	200	0	200	0	200	0	0
<i>Coscinodiscus spp.</i>	100	100	0	0	0	0	0	100	0	0	0	0
<i>Cylindrotheca closterium</i>	0	300	100	300	0	200	100	0	0	200	200	0
<i>Dactyliosolen fragilissimus</i>	0	0	0	1.000	200	0	0	0	5.500	8.200	0	0
<i>Detonula pumila</i>	20.000	1.000	8.300	3.100	7.500	7.300	8.700	7.300	4.800	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	300	0	100	500	300	700	400	600	100	100	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	9.800	5.300	8.200	19.300	19.900	14.800	28.500	23.000	17.900	19.300	0	0
<i>Guinardia striata</i>	0	0	0	200	0	0	0	0	800	2.800	0	0
<i>Lauderia annulata</i>	1.800	1.800	1.100	0	0	1.000	2.200	10.600	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	2.100	400	0	0	3.500	3.400	6.100	0	0
<i>Leptocylindrus minimus</i>	0	1.400	0	3.900	0	1.100	0	1.100	5.400	0	1.300	700
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	100	200	200	100	100
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	600	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	900	0	0	0	0	600	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	100	100	0	100	0	200	200	0	100
<i>Pleurosigma normanii</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	700	0	0	0	900	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	3.600	0	0	3.600	1.500	2.200	3.000	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	100	0	0	0	400	0	0	200	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	1.100	0	0	0	100	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	100	200	100	0	0	0	0	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	600	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	700	1.300	0	700	0	1.600	2.200	1.300	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	1.500	0	2.200	600	300	3.400	0	800	400	200	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	800	1.300	300	0	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	2.300	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	2.100	0	1.500	1.500	3.000	1.800	19.300	13.800	5.600	2.800	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	600	0	200	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	500	600	800
<i>Thalassiosira cf. rotula</i>	43.000	32.200	74.000	5.200	31.500	61.000	144.000	60.000	141.500	119.000	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 49 (continuación)

	L23 I. Sn. Pedro 10-oct-09		L23N1 C. Guamblad 10-oct-09		L23N2 I. Sn. Pedro 2 10-oct-09		L24 I. Guapiquilán 9-oct-09		L24N1 I. Guapiquilán 2 9-oct-09		L25 B. Tic Toc 7-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	100	0	0	0	0	100	100	0	100	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	100	300	0	100	0	300	0	0	300	100	100
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	100	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	0	0	0	100	0	0	0	0	0	100	300
TOTAL DIATOMEAS	78.800	85.800	125.500	82.900	90.000	136.900	235.500	246.700	224.300	184.400	3.700	3.100
TOTAL DINOFLAGELADOS	0	200	300	0	100	0	400	500	0	500	200	100
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	100
TOTAL OTROS	0	0	0	0	100	0	0	0	0	0	200	300
TOTAL	78.800	86.000	125.800	82.900	90.200	136.900	235.900	247.200	224.300	184.900	4.100	3.600

Anexo 50

Densidad de fitoplancton (cél·L⁻¹) en la región de Los Lagos.

Crucero 9 (18 noviembre – 2 diciembre 2009).

	L01 Metri		L02 Yates		L02N1 Sotomó		L02N2 Cochamó		L02N3 Marimeli		L02N4 Pocoihuén	
	28-nov-09		1-dic-09		1-dic-09		30-nov-09		1-dic-09		30-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus senarius</i>	1.600	8.400	2.800	9.400	0	6.000	1.200	4.000	1.800	2.400	0	0
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	2.400	2.700	0	0	0	0	0	1.400	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curviretus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	6.400	1.600	0	1.000	0	0	3.200	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	5.800	400	0	0	0	0	2.000	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	4.600	400	0	0	0	0	1.000	0	0	0	0	0
<i>Chaetoceros radicans</i>	6.800	0	0	800	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	2.200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	1.200	600	400	106.000	0	1.800	1.600	0	0	0	0	0
<i>Corethron pennatum</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus wailesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> sp. 2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	600	800	200	1.000	300	300	0	1.200	0	300	0	200
<i>Cylindrotheca closterium</i>	0	200	400	0	0	0	200	200	300	0	800	0
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	5.000	600	2.000	0	0	0	400	0	0	900	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	8.600	1.200	1.200	3.600	800	2.000	8.400	1.800	2.200	0
<i>Melosira varians</i>	0	0	12.600	3.200	600	0	2.200	1.600	6.900	900	2.000	22.000
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	200	0	22.200	1.400	600	300	400	0	0	600	400	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P.</i> cf. <i>pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	11.800	3.800	400	6.200	1.200	6.300	8.400	4.400	3.000	3.000	7.000	7.600
<i>Skeletonema costatum</i>	234.800	0	6.155.600	714.800	10.420.800	400.800	11.576.400	910.000	8.587.200	399.000	11.112.200	1.680.000
<i>Stephanopyxis turris</i>	0	1.600	0	1.600	0	0	800	800	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	2.600	2.800	0	0	0	14.600	6.400	0	2.700	14.000	13.600
<i>Thalassiosira anguste-lineata</i>	362.000	127.200	0	0	0	0	0	33.600	0	0	1.400	232.000
<i>Thalassiosira delicatula</i>	800	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>aestivalis</i>	0	800	0	0	0	2.100	400	0	0	900	0	0
<i>Thalassiosira</i> cf. <i>decepiens</i>	800	0	0	1.200	0	0	0	19.200	0	0	0	0
<i>Thalassiosira</i> cf. <i>minuscule</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> cf. <i>rotula</i>	0	0	0	0	0	0	0	400	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	400	0	22.200	115.800	270.000	41.400	17.700	91.800	24.600	19.400
<i>Diatomeas pennadas indet.</i>	0	0	4.200	0	0	0	0	600	600	300	2.000	0

Anexo 50 (continuación)

	L01 Metri		L02 Yates		L02N1 Sotomó		L02N2 Cochamó		L02N3 Marimeli		L02N4 Pocoihuén	
	28-nov-09		1-dic-09		1-dic-09		30-nov-09		1-dic-09		30-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	200	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	200	0	0	600	300	600	0	300	0	0	200
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	600	200	0	1.000	0	900	800	400	0	600	0	400
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	400	0	600	0	300	0	400	0	300	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	200	0	0	0	8.200	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium crassipes</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	200	800	600	1.400	1.200	300	3.000	600	600	300	1.800	1.200
<i>Pyrocystis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha octonarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	200	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	200	0	6.000	0	900	0	800	600	0	0	0	0
TOTAL DIATOMEAS	643.000	151.200	6.212.600	850.200	10.449.600	537.000	11.883.600	1.025.800	8.625.900	504.600	11.168.000	1.974.800
TOTAL DINOFLAGELADOS	1.000	1.600	600	3.000	2.400	1.800	4.600	1.400	900	1.200	10.200	1.800
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	200	0	6.000	0	900	0	800	600	0	0	200	0
TOTAL	644.200	152.800	6.219.200	853.200	10.492.600	538.800	11.889.000	1.027.800	8.626.800	505.800	11.178.400	1.976.600

Anexo 50 (continuación)

	L03		L03N1		L04		L05	L06		L06N1	
	Cta. La Arena		Potrerillos		Calbuco Paso Quenu		Quetalmahue	Hueihue		I. Caicura	
	2-dic-09		1-dic-09		26-nov-09		27-nov-09	27-nov-09		2-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS											
<i>Achnanthes</i> spp.	600	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	6.900	200	0	0	700	400	0	0
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	1.500	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	200	4.200	900
<i>Cerataulina pelagica</i>	0	0	0	0	1.400	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	43.000	0	0	0	1.100	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	11.400	24.000	0	25.800	17.400	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	1.000	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	3.900	0	0	3.600	499.000	308.900	0	624.600	280.600	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	2.100	0	0	0	1.900	0	0
<i>Chaetoceros didymus</i>	2.100	900	0	1.500	29.400	21.400	700	21.200	6.800	0	0
<i>Chaetoceros lorentzianus</i>	900	0	0	0	15.200	20.000	400	47.400	15.800	1.800	0
<i>Chaetoceros radicans</i>	0	0	0	0	72.400	70.000	0	9.200	30.100	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	512.000	454.200	0	600	1.200	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	7.800	0	0	900	2.300	700	5.400	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	200	300	0	500	700	0	0
<i>Coscinodiscus waillesii</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> sp. 2	0	0	0	0	0	0	0	0	0	300	0
<i>Coscinodiscus</i> spp.	0	0	0	0	400	200	0	100	200	0	300
<i>Cylindrotheca closterium</i>	0	0	0	0	400	200	900	1.000	300	0	0
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	300	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	1.400	1.000	0	0
<i>Guinardia delicatula</i>	0	0	0	0	1.100	29.800	309.000	5.100	1.400	600	0
<i>Guinardia flaccida</i>	0	0	0	0	300	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	200	200	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	2.600	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	1.400	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	14.200	8.800	12.000	2.700	4.100	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	1.200	1.200	2.400	0	0	0	0	0	0	0	20.100
<i>Melosira varians</i>	0	0	8.100	0	0	0	0	0	0	600	3.300
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	600	0	300	0	100	200	800	400	300	1.500
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	100	200	18.000	1.300	600	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	100	0	100	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	2.100	22.800	800	15.000	8.200	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	2.800	0	43.600	24.000	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	2.300	28.600	0	1.400	3.800	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	400	0	0	0
<i>Rhizosolenia setigera</i>	1.800	2.100	600	900	10.000	1.600	9.100	200	100	6.900	0
<i>Skeletonema costatum</i>	841.800	843.000	5.325.600	114.600	29.400	41.200	5.200	526.100	380.800	4.644.300	0
<i>Stephanopyxis turris</i>	0	0	1.500	0	1.400	2.500	200	12.200	9.400	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	2.200	0	13.200	24.800	7.800	0
<i>Thalassiosira anguste-lineata</i>	3.600	4.200	0	0	283.000	105.200	0	6.600	4.400	2.400	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	2.300	2.500	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	1.500	6.600	0	600	0	0	1.800	44.200	27.600	0	0
<i>Thalassiosira cf. decipiens</i>	2.400	0	0	1.500	800	0	1.200	16.000	12.000	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	1.200	13.400	0	252.200	113.600	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	12.200	29.400	0	400	0	0	0
<i>Thalassiosira</i> spp.	246.000	116.400	95.400	129.000	900	0	1.000	0	0	27.900	6.900
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0

Anexo 50 (continuación)

	L03		L03N1		L04		L05	L06		L06N1	
	Cta. La Arena		Potrerillos		Calbuco Paso Quenu		Quetalmahue	Hueihue		I. Caicura	
	2-dic-09		1-dic-09		26-nov-09		27-nov-09	27-nov-09		2-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS											
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	100	0	600
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	300	300	600	0	0	0	0	0	0	300	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	700	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	1.500	2.100	0	600	100	100	200	100	100	300	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	100	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	300	0	0	0	100	0	100	100	0	0
<i>Phalacroma rotundatum</i>	0	0	300	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	100	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium crassipes</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	1.200	2.700	600	0	100	300	600	200	0	2.400	900
<i>Pyrocystis</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados</i> indet.	0	0	0	0	100	0	0	0	0	300	300
SILICOFLAGELADOS											
<i>Dictyocha octonarius</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	0	0	0	0	0	100	0	300	300	0	300
ZOOMASTIGOFOROS											
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0
CILIADOS											
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS											
<i>Euglenoficeas</i> indet.	0	0	300	0	0	100	400	0	0	0	0
TOTAL DIATOMEAS	1.105.800	982.800	5.433.600	258.900	1.547.200	1.192.900	361.300	1.684.500	976.500	4.697.400	33.000
TOTAL DINOFLAGELADOS	3.000	5.400	1.500	600	300	500	1.700	400	300	3.300	1.800
TOTAL SILICOFLAGELADOS	0	0	0	0	0	100	0	300	300	0	300
TOTAL OTROS	0	0	300	0	0	100	400	0	0	0	0
TOTAL	1.108.800	988.200	5.435.400	259.500	1.547.500	1.193.600	363.400	1.685.200	977.100	4.700.700	35.100

Anexo 50 (continuación)

	L07 C. Caucahué 20-nov-09		L08 I. Mechuque 21-nov-09		L09 I. Butachauques 21-nov-09		L10 Ayacara 21-nov-09		L10N1 I. Chulín 22-nov-09		L10N2 I. Talcán 2 21-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	600	800	1.600	1.200	1.000	2.000	900	800	0	1.000	50.000	1.200
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	100	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	1.400	0	3.600	1.200	24.000	3.700	34.400	13.300	7.600	12.200
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	4.000	600	43.600	10.200	100.800	45.100	108.000	169.000	41.600	57.600
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	800	500	800	400	0	0
<i>Chaetoceros didymus</i>	3.000	1.000	400	0	3.400	0	36.400	5.000	58.600	5.200	4.800	6.800
<i>Chaetoceros lorenzianus</i>	0	0	0	0	1.600	1.800	33.400	12.200	18.000	8.200	30.000	6.400
<i>Chaetoceros radicans</i>	0	0	0	0	2.200	600	54.000	0	52.800	2.600	10.800	6.600
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	28.800	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	2.800	0	1.600	1.200	1.000	0	600	0	3.200	0
<i>Corethron pennatum</i>	200	0	400	0	0	0	0	100	100	100	0	0
<i>Coscinodiscus wailesii</i>	0	800	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> sp. 2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	0	0	0	400	0	0	100	300	200	500	200	600
<i>Cylindrotheca closterium</i>	200	0	400	1.800	0	600	100	100	200	200	200	200
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	1.000	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Eucampia zodiacus</i>	0	0	0	800	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	800	0	2.400	400	1.600	400	14.800	4.500	5.800	5.700	5.000	4.000
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Leptocylindrus minimus</i>	4.600	800	6.000	1.400	2.200	1.000	1.000	0	1.600	2.100	0	1.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	200	0	400	400	200	400	100	0	0	100	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	800	0	800	0	0	0	0	0	0	0	0	1.000
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	100	100	0	0
<i>Pleurosigma normanii</i>	0	0	0	200	200	0	0	0	100	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	400	200	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	300	500	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	200	400	0	4.600	800	2.800	1.800	2.400	1.000
<i>Skeletonema costatum</i>	0	1.200	10.000	9.200	55.000	9.600	131.200	67.000	69.000	106.000	12.400	20.000
<i>Stephanopyxis turris</i>	0	0	600	0	1.800	0	0	1.800	800	0	0	0
<i>Striatella unipunctata</i>	2.600	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	800	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	200	400	0	400	600	600	0	0	0	1.000	1.000	4.000
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	138.600	41.000	144.000	51.000	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	4.800	2.800	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	800	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	800	3.800
<i>Thalassiosira cf. decipiens</i>	0	0	0	1.000	0	0	1.200	700	1.000	0	400	1.600
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	600	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	2.600	0	0	1.000	0	0
<i>Thalassiosira</i> spp.	0	0	1.800	3.800	0	0	0	0	0	0	222.000	186.000
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	200	0

Anexo 50 (continuación)

	L07 C. Cauahué 20-nov-09		L08 I. Mechuque 21-nov-09		L09 I. Butachauques 21-nov-09		L10 Ayacara 21-nov-09		L10N1 I. Chulín 22-nov-09		L10N2 I. Talcán 2 21-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	0	0	0	0	0	200	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	200	100	0	100	200	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Oxytoxum scolopax</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	200	0	100	0	0	0	200
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	100	0	0	0	200	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium crassipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	700	200	500	100	800	400
<i>Pyrocystis</i> spp.	0	0	0	0	0	0	100	0	0	0	0	0
<i>Dinoflagelados</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha octonarius</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Dictyocha speculum</i>	200	400	1.000	800	400	0	0	100	100	700	600	600
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	200	0	0	0	0	0	0	100	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	0	200	200	400	0	0	0	0	100	0	0	0
TOTAL DIATOMEAS	14.000	5.000	33.800	22.000	123.800	32.400	576.000	184.000	499.400	369.300	394.600	314.600
TOTAL DINOFLAGELADOS	200	0	0	0	0	600	1.000	300	700	400	1.600	600
TOTAL SILICOFLAGELADOS	200	400	1.000	800	400	0	100	100	100	700	600	600
TOTAL OTROS	0	200	400	400	0	0	0	0	100	100	0	0
TOTAL	14.400	5.600	35.200	23.200	124.200	33.000	577.100	184.400	500.300	370.500	396.800	315.800

Anexo 50 (continuación)

	L10N3 B. Pumalín		L11 C. Dalcáhue		L12 I. Quehui		L13 I. Chauleñec		L14 I. Talcán		L16 I. Acuí	
	21-nov-09		20-nov-09		22-nov-09		22-nov-09		21-nov-09		23-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes</i> spp.	400	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	0	3.200	0	200	0	0	1.800	1.200	1.200	1.400	100	100
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	1.800	1.100	0	0	0	0	1.300	0
<i>Chaetoceros constrictus</i>	2.800	8.000	0	0	0	0	0	0	5.800	10.400	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	126.400	144.000	138.800	206.400	0	4.900	8.400	1.600	35.200	21.800	29.400	35.400
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	1.800	2.800	0	0
<i>Chaetoceros didymus</i>	16.400	6.000	2.200	1.600	0	1.300	400	800	2.000	2.800	0	0
<i>Chaetoceros lorentzianus</i>	8.000	10.000	1.000	600	0	0	4.000	2.000	8.000	9.400	0	0
<i>Chaetoceros radicans</i>	33.600	13.200	15.200	4.800	3.000	0	1.400	0	3.400	14.200	0	0
<i>Chaetoceros socialis</i>	0	0	3.600	0	800	0	0	0	0	0	62.100	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	14.800	0	4.800	3.400	0	400	0	0	5.800	6.000	0	0
<i>Corethron pennatum</i>	0	200	0	0	0	0	0	0	0	0	0	100
<i>Coscinodiscus wailesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> sp. 2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	200	0	0	400	1.000	0	0	400	0	600	100	0
<i>Cylindrotheca closterium</i>	0	200	200	800	200	300	800	800	0	600	700	100
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	300	0
<i>Diploneis didyma</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	200	0	0	200	0	0	0	400	0	0	0	0
<i>Guinardia delicatula</i>	3.000	3.200	400	1.600	4.600	3.200	1.000	1.000	2.000	2.400	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Leptocylindrus danicus</i>	0	0	0	600	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	2.000	40.000	71.600	102.800	5.600	800	4.600	2.400	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	400	0	0	600	0	0	600	200	400	400	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	800	1.900	0	800	2.200	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	400	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	400	0	1.900	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	800	400	400	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	400	0	1.500	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	3.700	1.200
<i>Rhizosolenia setigera</i>	1.000	1.200	0	0	0	0	400	400	1.000	600	0	200
<i>Skeletonema costatum</i>	12.800	34.400	0	0	34.600	25.700	1.600	0	16.600	19.400	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	200	600	400	0	2.400	0	0	200
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	400	0	1.600	0	300	500	0	0	2.000	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	1.200	1.600	0	0	0	800	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	400	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	1.400	800	0	400	0	0	0	0	0	0	4.900	4.300
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	400	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	700	4.500
<i>Thalassiosira</i> spp.	141.200	120.000	200	0	400	0	3.000	4.600	30.200	47.200	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	100

Anexo 50 (continuación)

	L10N3 B. Pumalín 21-nov-09		L11 C. Dalcahue 20-nov-09		L12 I. Quehui 22-nov-09		L13 I. Chaulinec 22-nov-09		L14 I. Talcán 21-nov-09		L16 I. Acuí 23-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	400	400	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	200	0	0	0	0	100	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	200	0	0	200	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	200	0	0	100	0	0	200	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium crassipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	600	200	0	200	2.600	200	0	0	200	0	0	0
<i>Pyrocystis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha octonarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	800	0	0	400	800	600	400	1.200	0	400	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	200	0	0	0	100	0	0	0	0	200	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	100	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	800	100	0	0	0	0	0	0	100
TOTAL DIATOMEAS	363.000	344.600	170.800	262.800	120.900	147.700	29.400	15.600	125.000	143.600	103.700	46.200
TOTAL DINOFLAGELADOS	2.400	800	0	400	3.100	300	0	200	200	0	0	0
TOTAL SILICOFLAGELADOS	800	0	0	400	800	600	400	1.200	0	400	0	0
TOTAL OTROS	200	0	0	800	300	0	0	0	0	200	0	100
TOTAL	366.400	345.400	170.800	264.400	125.100	148.600	29.800	17.000	125.200	144.200	103.700	46.300

Anexo 50 (continuación)

	L16N1 I. Chaullín		L17 Auchemó		L17N1 E. Palvítad		L19 Pta. Chigüao		L19N1 Yelcho		L19N2 C. Coldita	
	23-nov-09		22-nov-09		22-nov-09		18-nov-09		18-nov-09		18-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	200	1.800	4.600	400	600	0	700	0	0	2.000	300	100
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	100	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	17.400	12.600	21.200	10.600	0	0	2.000	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	33.800	3.000	165.000	260.000	262.800	78.000	0	0	13.000	2.200	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	1.300	0	0	0	1.200	0	0	0
<i>Chaetoceros didymus</i>	14.400	2.400	17.200	15.800	41.000	14.400	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	20.600	14.200	4.000	4.000	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	2.400	55.800	51.800	61.000	52.000	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	1.400	0	0	0	0	0	10.800	11.200	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	2.200	2.000	1.200	1.600	6.600	4.000	1.300	200	2.200	1.200	0	0
<i>Corethron pennatum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Coscinodiscus wailesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> sp. 2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	600	600	800	600	200	200	0	300	0	0	100	0
<i>Cylindrotheca closterium</i>	0	600	600	800	800	500	1.100	1.700	600	400	300	300
<i>Dactylosolen fragilissimus</i>	0	0	1.600	200	0	0	0	0	0	400	0	0
<i>Detonula pumila</i>	0	400	0	0	0	0	0	0	12.400	6.400	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	3.800	2.800	1.600	4.200	2.500	2.500	0	0	400	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.400	3.600	2.800	2.000	1.500	400	1.700	1.500	0	0	400	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	400	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Navicula</i> spp.	400	800	0	200	100	100	100	100	0	0	200	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	300	0	1.000	0	1.000
<i>Pleurosigma directum</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	200	0	0	1.700	300	0	0	400	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	800	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	200	0	0	400	200	0	0
<i>Rhizosolenia setigera</i>	400	400	7.800	3.200	800	600	0	0	0	0	0	100
<i>Skeletonema costatum</i>	2.200	6.800	18.800	19.000	5.000	17.400	600	800	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	3.800	1.600	800	0	0	0	0	0	0	200
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	1.600	0	1.800	800	400	0	900	0	200	400	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	113.400	78.400	1.400	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	0	800	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	5.200	3.400	0	2.200	0	200	0	0	200	0
<i>Thalassiosira cf. decipiens</i>	0	0	2.200	600	2.300	0	800	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	400	400	0	0	0	0
<i>Thalassiosira cf. rotula</i>	400	400	0	400	0	0	0	0	11.800	24.200	500	0
<i>Thalassiosira</i> spp.	36.600	20.800	378.000	200.000	107.800	33.800	0	0	1.000	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	100	0	0	0	0	0

Anexo 50 (continuación)

	L16N1 I. Chaullín 23-nov-09		L17 Auchemó 22-nov-09		L17N1 E. Palvítad 22-nov-09		L19 Pta. Chiguao 18-nov-09		L19N1 Yelcho 18-nov-09		L19N2 C. Coldita 18-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	200	600	200	300	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	200	0	200	400	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	400	200	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium crassipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	200	0	800	600	500	200	100	0	0	0	0	0
<i>Pyrocystis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha octonarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	800	1.800	600	200	900	100	700	500	800	600	0	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	100	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	100	0	0	0	100	100
TOTAL DIATOMEAS	98.000	49.600	708.800	594.400	634.200	299.300	10.800	6.300	56.000	49.600	2.400	1.800
TOTAL DINOFLAGELADOS	400	200	2.000	1.400	1.100	200	100	0	0	0	0	0
TOTAL SILICOFLAGELADOS	800	1.800	600	200	900	100	700	500	800	600	0	100
TOTAL OTROS	0	0	0	0	0	0	200	0	0	0	100	100
TOTAL	99.200	51.600	711.400	596.000	636.200	299.600	11.800	6.800	56.800	50.200	2.500	2.000

Anexo 50 (continuación)

	L20		L20N1		L21		L22		L22N1		L22N2	
	I. Laitec		Bco. Velahue		B. Corcovado		B. Asasao		Ens. Quillanlar		Inio	
	18-nov-09		18-nov-09		22-nov-09		19-nov-09		19-nov-09		19-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	100	0	0	2.400	0	0	200	400	200	0
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	300	1.600	0	1.800	0	1.800
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	900	1.700	0	0
<i>Chaetoceros constrictus</i>	0	0	1.800	0	45.400	43.200	0	0	900	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	1.600	800	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	29.700	38.800	632.300	238.000	0	600	0	2.900	15.200	3.100
<i>Chaetoceros diadema</i>	0	0	0	0	2.400	0	0	0	0	0	1.000	0
<i>Chaetoceros didymus</i>	0	0	0	600	57.200	138.000	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	26.000	29.800	0	0	0	0	0	400
<i>Chaetoceros radicans</i>	2.000	0	0	4.200	101.400	193.800	0	0	2.800	3.200	700	1.800
<i>Chaetoceros socialis</i>	5.400	1.000	4.200	0	0	0	0	0	1.200	31.300	3.400	24.900
<i>Chaetoceros teres</i>	0	0	0	0	0	600	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	0	24.800	3.400	0	700	1.800	600	400	4.500
<i>Corethron pennatum</i>	0	200	0	0	200	0	100	0	100	100	100	0
<i>Coscinodiscus wailesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> sp. 2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	0	0	0	0	400	100	0	0	0	0	0	100
<i>Cylindrotheca closterium</i>	200	0	500	300	400	1.200	3.200	2.500	2.300	2.900	400	900
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	200	500
<i>Detonula pumila</i>	2.400	1.600	1.700	800	0	0	0	0	0	0	0	200
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	3.600	5.600	200	0	0	0	1.900	2.400
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	300	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	600	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	2.500	1.400	0	600	0	900	600	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	0	400	0	0	200	0	300	0	0	200	100
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	600	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	100	100	0	100	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	100	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	200	0	2.800	600	0	0	0	200	0	1.200
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	200	1.600	700	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	100	0	5.800	2.600	0	200	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	29.200	40.400	0	600	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	200	0	2.000	800	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	200	1.600	0	700	400	400	600	0	800
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	134.200	17.800	0	0	400	800	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	400	300	1.700
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	1.600	0	400	1.400	0	3.200	0	0	400	1.300	16.000	15.200
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	1.000	2.500	0	0	0	0	1.600	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	9.800	25.600	21.100	24.300	7.800	123.600
<i>Thalassiosira cf. rotula</i>	5.400	2.400	500	800	0	0	400	400	3.600	3.300	7.100	14.900
<i>Thalassiosira</i> spp.	4.000	4.400	400	800	255.000	300.400	700	1.200	300	0	0	800
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 50 (continuación)

	L20 I. Laitec		L20N1 Bco. Velahue		L21 B. Corcovado		L22 B. Asasao		L22N1 Ens. Quilanlar		L22N2 Inio	
	18-nov-09		18-nov-09		22-nov-09		19-nov-09		19-nov-09		19-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	300	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gymnodinium</i> cf. <i>sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	200	200	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Protoperidinium crassipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	1.200	1.200	0	0	100	0	0	300
<i>Pyrocystis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha octonarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	400	400	0	200	200	1.000	200	100	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	0	0	100	0	0	100	700	300	100	0	100	800
TOTAL DIATOMEAS	21.800	11.200	40.900	47.900	1.329.800	1.026.800	15.800	34.800	36.800	77.400	57.200	198.900
TOTAL DINOFLAGELADOS	0	0	0	0	1.500	2.100	0	0	100	0	100	300
TOTAL SILICOFLAGELADOS	400	400	0	200	200	1.000	200	100	0	0	0	0
TOTAL OTROS	0	0	100	0	0	100	700	300	100	0	100	800
TOTAL	22.200	11.600	41.000	48.100	1.331.500	1.030.000	16.700	35.200	37.000	77.400	57.400	200.000

Anexo 50 (continuación)

	L23		L23N1		L23N2		L24		L24N1		L25	
	I. Sn. Pedro		C. Guamblad		I. Sn. Pedro 2		I. Guapiquilán		I. Guapiquilán 2		B. Tic Toc	
	21-nov-09		21-nov-09		21-nov-09		19-nov-09		20-nov-09		22-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	100	0	200	600	0	300	500	300	0	0	400	1.100
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	1.200	0	0	300	2.100	0	400	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	200	0	0	0	0	0	0	24.800	7.100
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	1.400	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	1.800	600	0	0	13.600	8.800	1.200	0	38.200	43.400
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	1.100	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	1.400	0	0	3.100	5.600
<i>Chaetoceros lorenzianus</i>	0	0	0	1.400	300	0	0	1.900	0	0	1.600	1.100
<i>Chaetoceros radicans</i>	0	0	900	0	700	0	5.100	2.200	0	0	6.000	8.000
<i>Chaetoceros socialis</i>	400	1.000	0	0	0	0	300	0	2.000	0	0	0
<i>Chaetoceros teres</i>	0	0	0	1.400	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	300	0	300	0	0	0	2.700	3.400	1.400	1.200	0	0
<i>Corethron pennatum</i>	0	0	0	100	0	0	0	100	200	100	0	0
<i>Coscinodiscus wailesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> sp. 2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	0	100	0	0	0	0	100	0	0	0	400	400
<i>Cylindrotheca closterium</i>	1.500	1.200	1.600	1.700	1.700	2.000	800	1.000	2.200	1.600	400	1.000
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	200	0	200	1.000	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	400	400	2.600	1.400	1.600	4.500	1.200	1.200
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	1.000	0	0	0	0
<i>Leptocylindrus minimus</i>	400	0	0	400	0	200	0	300	900	400	3.200	400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	300	0	100	100	100	0	100	0	100	0	0	100
<i>Odontella aurita</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	400	500	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	100	0	0	0	200	0	100	0	200	0	0
<i>Pleurosigma normanii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	3.100	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	400	300	400	400	1.500	0	500	1.200	0	200	0	300
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	400	500	200	200	300	700	0	100	0	200	300	900
<i>Skeletonema costatum</i>	100	0	400	300	0	0	0	0	0	0	2.000	3.900
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	800	500	400	600	0	1.600	0	0	800	600	500	200
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	114.000	57.400
<i>Thalassiosira delicatula</i>	0	0	0	200	400	0	0	0	0	800	0	0
<i>Thalassiosira eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	200	0	600	900	400	800	8.100	0	0	2.600	1.500	0
<i>Thalassiosira cf. decipiens</i>	0	200	0	0	0	0	0	8.000	500	300	0	0
<i>Thalassiosira cf. minuscule</i>	1.500	2.000	3.200	10.400	14.800	23.100	78.800	76.300	75.000	25.000	0	0
<i>Thalassiosira cf. rotula</i>	0	0	1.200	0	4.100	800	9.200	9.400	4.100	4.400	400	0
<i>Thalassiosira</i> spp.	0	0	0	0	300	0	400	0	800	1.800	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 50 (continuación)

	L23 I. Sn. Pedro 21-nov-09		L23N1 C. Guamblad 21-nov-09		L23N2 I. Sn. Pedro 2 21-nov-09		L24 I. Guapiquilán 19-nov-09		L24N1 I. Guapiquilán 2 20-nov-09		L25 B. Tic Toc 22-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	200	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	300	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	100	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	100	0	0	0	0	100	0	200	100
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium crassipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	300	0	0	100	0	0	0	100	200	100	200	100
<i>Pyrocystis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	200	0	0	100	0	0
SILICOFLAGELADOS												
<i>Dictyocha octonarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	2.300	2.000	0	400	0	200	100	0	0	0	800	500
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	300	0	200	0	0	0	100	0	100	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	300	500	100	100	200	100	200	0	300	200	100	100
TOTAL DIATOMEAS	6.400	5.900	11.400	22.100	25.400	30.900	124.400	122.500	91.800	44.300	198.000	132.100
TOTAL DINOFLAGELADOS	400	0	100	200	0	0	200	100	800	200	500	200
TOTAL SILICOFLAGELADOS	2.300	2.000	0	400	0	200	100	0	0	0	800	500
TOTAL OTROS	600	500	300	100	200	100	300	0	400	200	100	100
TOTAL	9.700	8.400	11.800	22.800	25.600	31.200	125.000	122.600	93.000	44.700	199.400	132.900

Anexo 51

Densidad de fitoplancton (cél·L⁻¹) en la región de Los Lagos.
Crucero 10 (5 diciembre 2009 – 8 enero 2010).

	L01 Metri		L02 Yates		L02N1 Sotomó		L02N2 Cochamó		L02N3 Marimeli		L02N4 Pocoihuén	
	8-ene-10		6-ene-10		6-ene-10		6-ene-10		6-ene-10		6-ene-10	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus senarius</i>	7.000	3.400	8.800	6.200	3.200	4.200	1.800	0	10.800	5.600	600	500
<i>Amphipora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	100
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	1.600	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	1.600	0	0	0
<i>Chaetoceros lorenzianus</i>	600	0	0	0	1.000	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	2.400	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	4.400	0	0	0	9.000	2.400	800	0	0	0	1.000	0
<i>Cocconeis</i> spp.	0	0	0	0	0	0	200	400	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Coscinodiscus</i> spp.	8.000	2.800	1.600	800	400	400	0	300	1.000	100	200	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	200	100	200	0	0	0
<i>Dactylosolen fragilissimus</i>	8.000	600	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	800	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	27.200	4.000	400	400	0	0	0	0	400	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	600	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	5.200	0	6.200	300	0	51.000	0	0	0	0
<i>Melosira varians</i>	0	0	0	700	2.400	0	200	300	400	600	200	0
<i>Navicula</i> spp.	0	0	0	0	600	400	200	2.500	0	0	0	100
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	200	0	0	0	0	0	200	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	3.643.000	1.144.000	10.696.500	457.200	11.760.700	429.200	12.285.600	1.932.200	8.171.500	786.900	12.012.500	320.500
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	74.000	15.600	161.100	31.000	46.800	9.200	38.800	0	102.800	28.900	4.700	2.200
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalls</i>	0	1.600	322.800	1.600	1.000	0	32.000	0	33.600	4.900	1.600	1.500
<i>Thalassiosira cf. decipiens</i>	9.600	0	0	0	116.200	15.600	14.600	0	62.200	18.100	12.600	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	0	600	0	2.200	1.600	5.000	0	0	9.200	1.300	400	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 51 (continuación)

	L01 Metri		L02 Yates		L02N1 Sotomó		L02N2 Cochamó		L02N3 Marimeli		L02N4 Pocoihuén	
	8-ene-10		6-ene-10		6-ene-10		6-ene-10		6-ene-10		6-ene-10	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	400	0	0	0	200	0	200	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	300	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	100	100	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	200	0	200	0	0	0	100	0
<i>Phalacroma rotundatum</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	200	0	0	0	100	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	400	0	0	0	0	0	400	200	0	100	100	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	200	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	2.800	0	0	0	0	200	0	0	0	100	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	600	0	2.200	0	1.600	0	100	0	2.000	100	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	0	0	0	0	0	0	300	0	0	0	0
TOTAL DIATOMEAS	3.783.400	1.174.200	11.196.400	500.100	11.949.100	469.100	12.374.600	1.986.900	8.393.900	846.500	12.033.800	324.900
TOTAL DINOFLAGELADOS	800	0	600	0	500	100	1.000	300	400	200	200	0
TOTAL SILICOFLAGELADOS	2.800	0	0	0	0	200	0	0	0	100	0	0
TOTAL OTROS	600	0	2.200	0	1.600	0	100	300	2.000	100	0	0
TOTAL	3.787.600	1.174.200	11.199.200	500.100	11.951.200	469.400	12.375.700	1.987.500	8.396.300	846.900	12.034.000	324.900

Anexo 51 (continuación)

	L03		L03N1		L04		L05	L06		L06N1	
	Cta. La Arena		Potrerillos		Calbuco Paso Quenu		Quetalmahue	Hueihue		I. Caicura	
	4-ene-10	10-20m	6-ene-10	10-20m	5-ene-10	10-20m	4-ene-10	5-ene-10	4-ene-10	5-ene-10	4-ene-10
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS											
<i>Actinopterychus senarius</i>	3.600	3.300	9.800	5.500	0	200	0	1.200	0	4.400	3.500
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	200	800	400	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	800	11.200	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	800	2.600	4.400	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	60.000	51.600	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	600	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	3.600	3.600	6.000	0	0	0	500
<i>Chaetoceros korenzianus</i>	0	0	700	0	600	600	2.400	0	0	0	600
<i>Chaetoceros radicans</i>	0	0	0	0	4.800	3.800	10.000	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	536.000	195.200	46.400	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	200	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	1.700	0	0	2.200	7.200	54.400	0	0	800	800
<i>Cocconeis</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	2.100	2.900	900	400	0	0	0	0	0	1.800	1.700
<i>Cylindrotheca closterium</i>	0	0	200	0	0	0	2.800	0	200	0	0
<i>Dactylosolen fragilissimus</i>	0	0	0	0	4.400	0	800	0	0	0	600
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	200	800	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	400	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.600	900	400	0	37.200	22.000	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	800	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	1.600	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	1.800	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	600	0	3.600	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	5.800	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	1.400	700	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	0	200	0	0	0	0	200	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	400	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	400	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	2.400	800	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	2.800	1.800	2.800	0	200	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	600	3.200	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	200	59.600	0	0	0	0
<i>Skeletonema costatum</i>	9.136.200	136.800	8.895.000	804.800	1.200	1.200	3.421.800	4.200	400	197.000	7.391.300
<i>Stephanopyxis turris</i>	0	0	0	0	0	400	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	149.100	7.400	58.400	14.100	1.200	0	1.200	400	1.400	4.800	85.400
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	2.400	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	170.700	800	23.200	4.500	8.000	10.000	6.400	0	0	0	247.200
<i>Thalassiosira cf. decipiens</i>	0	0	191.500	21.600	400	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	600	0	1.600	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	88.800	111.600	2.800	0	0	0	0
<i>Thalassiosira</i> spp.	0	900	0	2.400	186.000	172.000	28.800	800	1.800	2.200	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	200	0	400	0	200	0

Anexo 51 (continuación)

	L03 Cta. La Arena 4-ene-10		L03N1 Potrerillos 6-ene-10		L04 Calbuco Paso Quenu 5-ene-10		L05 Quetalmahue 4-ene-10	L06 Hueihue 5-ene-10		L06N1 I. Caicura 4-ene-10	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS											
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	200	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	300	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	800	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	200	0	0	400	400	0	0	0	100
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS											
<i>Dictyocha speculum</i>	0	300	100	100	0	200	0	0	0	400	0
ZOOMASTIGOFOROS											
<i>Ebria tripartita</i>	0	0	200	100	0	0	0	0	0	0	0
CILIADOS											
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	200	0
EUGLENOFÍCEAS											
<i>Euglenofíceas indet.</i>	0	0	100	0	400	400	0	0	0	0	0
TOTAL DIATOMEAS	9.463.300	154.700	9.187.500	854.000	944.400	605.000	3.659.800	7.200	4.000	211.200	7.731.600
TOTAL DINOFLAGELADOS	0	0	700	0	0	400	1.200	0	0	0	100
TOTAL SILICOFLAGELADOS	0	300	100	100	0	200	0	0	0	400	0
TOTAL OTROS	0	0	300	100	400	400	0	0	0	200	0
TOTAL	9.463.300	155.000	9.188.600	854.200	944.800	606.000	3.661.000	7.200	4.000	211.800	7.731.700

Anexo 51 (continuación)

	L07 C. Cauahué 21-dic-09		L08 I. Mechuque 22-dic-09		L09 I. Butachauques 22-dic-09		L10 Ayacara 29-dic-09		L10N1 I. Chulín 28-dic-09		L10N2 I. Talcán 2 28-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	100	0	100	0	0	0	100	500	300	200	400
<i>Amphiprora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	1.500	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros korenzianus</i>	0	0	0	0	0	0	0	0	0	0	200	800
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	300	0	0	28.100	4.300
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	600	0	0	800	0	0	300	2.500	0
<i>Cocconeis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	0	0	0	0	100	0	0	200	100	100	0	0
<i>Cylindrotheca closterium</i>	200	0	0	0	0	0	0	0	0	0	0	100
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	1.300	0
<i>Diploneis didyma</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Diploneis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragillaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	800
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	700	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	600	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	200	0	0	100	300	0	0	200	100	0	100	100
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	500	800	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	100	0	0	0	0	0	100	0	0	0
<i>Pleurosigma</i> spp.	0	0	100	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	100	100	100	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	7.200	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	300	1.000
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	200	0	0	0	200	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	900	0	0	0	0	0	0	0	0	42.000	13.300
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	600	0	0	600	200
<i>Thalassiosira</i> spp.	400	0	200	0	0	0	400	600	500	600	45.000	18.000
<i>Diatomeas pennadas indet.</i>	0	0	0	100	0	200	0	0	0	0	0	0

Anexo 51 (continuación)

	L07 C. Caucahué 21-dic-09		L08 I. Mechuque 22-dic-09		L09 I. Butachauques 22-dic-09		L10 Ayacara 29-dic-09		L10N1 I. Chulín 28-dic-09		L10N2 I. Talcán 2 28-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	100	0	0	0	0	0	0	0	0	300	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	100	0	0	0	0	0	100	300	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Oxytoxum</i> spp.	200	0	0	0	0	0	0	0	0	100	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	100	0	0	100	200
<i>Dinoflagelados indet.</i>	0	0	100	0	0	0	0	0	0	100	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	100	300	400	0	0	0	100	500	100	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	100	0	0	0	0	0	0	100	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	100	100	0	0	0
TOTAL DIATOMEAS	1.400	1.500	1.400	900	400	400	8.400	2.200	1.400	1.600	124.000	39.000
TOTAL DINOFLAGELADOS	200	100	100	100	0	0	0	100	0	300	800	300
TOTAL SILICOFLAGELADOS	0	100	300	400	0	0	0	100	500	100	0	0
TOTAL OTROS	0	100	0	0	0	0	0	100	200	0	0	0
TOTAL	1.600	1.800	1.800	1.400	400	400	8.400	2.500	2.100	2.000	124.800	39.300

Anexo 51 (continuación)

	L10N3 B. Pumalín 29-dic-09		L11 C. Dalcahue 21-dic-09		L12 I. Quehui 28-dic-09		L13 I. Chaulinec 28-dic-09		L14 I. Talcán 28-dic-09		L16 I. Acuí 8-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus senarius</i>	400	400	0	0	400	400	0	0	0	0	0	1.400
<i>Amphipora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	2.200	0	4.600	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	6.200	0	0	0	2.800	0	0	0	0	0	3.400	4.800
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	2.200	0
<i>Chaetoceros curvisetus</i>	1.000	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	800	0	262.000	15.800	500	0	0	0	8.800	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	12.400	3.800	0	0	0	0	1.000	0
<i>Chaetoceros didymus</i>	0	0	0	0	6.400	2.400	0	700	0	0	14.200	7.600
<i>Chaetoceros korenzianus</i>	7.200	800	0	0	600	0	300	0	0	0	3.200	2.000
<i>Chaetoceros radicans</i>	5.400	7.200	0	0	6.600	1.000	0	0	0	0	177.000	52.000
<i>Chaetoceros socialis</i>	31.400	20.800	2.600	0	2.000	1.400	0	0	0	0	12.400	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	0	3.600	800	1.000	500	0	0	2.800	1.200
<i>Cocconeis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	0	0	0	0	0	0	100	0	300	100	200	0
<i>Cylindrotheca closterium</i>	200	0	400	200	2.200	1.000	700	300	0	0	300	400
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	2.600	0	0	0	0	0	3.400	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis</i> spp.	0	0	0	0	200	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	1.200	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	200	0	0	0	800	0	0	0	0	0	800	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	114.000	3.200	800	2.800	0	0	600	4.200
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	0	400	0	0	0	100	100	0	0	100	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	1.000	800	0	1.000	1.400	0	300	0	0	700	0	1.200
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Pleurosigma normanii</i>	200	0	0	0	0	0	0	100	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	2.600	2.800
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	63.400	15.200	600	1.000	200	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	1.700	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	56.000	10.600	4.200	3.700	0	0	0	0
<i>Skeletonema costatum</i>	3.800	800	1.200	0	4.800	0	0	400	0	0	24.200	15.400
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	200	0	800	0
<i>Thalassionema nitzschioides</i>	2.200	0	0	0	0	0	200	0	0	0	600	500
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	3.400	2.600	0	400	1.400	0	600	300	0	200	13.800	9.200
<i>Thalassiosira cf. decipiens</i>	6.200	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	10.200	9.600	0	0	2.200	0	0	0	0	0	10.600	0
<i>Thalassiosira</i> spp.	0	0	600	200	400	200	0	0	700	700	114.000	54.000
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	100	200	500	100	0	300

Anexo 51 (continuación)

	L10N3 B. Pumalín		L11 C. Dalcahue		L12 I. Quehui		L13 I. Chaulinec		L14 I. Talcán		L16 I. Acuí	
	29-dic-09		21-dic-09		28-dic-09		28-dic-09		28-dic-09		8-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	400	0	0	0	100	0	0	100	100
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	200	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	200	0	0	1.000	400
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	100
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	400	200	100	0	0	0	0	400
<i>Dinoflagelados indet.</i>	0	0	200	0	0	0	0	100	0	0	600	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	600	0	0	0	0	0	100	0	100	300	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	200	400	0	0	0	0	0	100	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	200	0	0	0	0	0	0	0
TOTAL DIATOMEAS	79.000	43.000	8.200	1.800	550.800	55.800	9.500	12.000	3.100	1.800	397.000	157.600
TOTAL DINOFLAGELADOS	0	200	200	400	400	200	100	400	0	0	1.700	1.000
TOTAL SILICOFLAGELADOS	600	0	0	0	0	0	100	0	100	300	0	0
TOTAL OTROS	0	0	200	400	200	0	0	0	0	100	0	0
TOTAL	79.600	43.200	8.600	2.600	551.400	56.000	9.700	12.400	3.200	2.200	398.700	158.600

Anexo 51 (continuación)

	L16N1 I. Chaullín 8-dic-09		L17 Auchemó 7-dic-09		L17N1 E. Palvítad 7-dic-09		L19 Pta. Chiguao 5-dic-09		L19N1 Yelcho 5-dic-09		L19N2 C. Coldita 5-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	1.200	500	3.600	4.700	0	0	0	0	0	0	0	0
<i>Amphiprora</i> spp.	0	200	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	4.000	3.200	5.800	0	800	0	0	6.800	1.000
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	2.900	400	0	0	0	0	0	0	1.600	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	1.300	0	1.100	1.300	1.800	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	2.300	1.500	600	1.400	1.400	4.400	3.200	400	1.200	0	2.400	1.600
<i>Chaetoceros korenzianus</i>	4.300	2.000	7.800	0	4.000	0	0	5.200	600	2.600	3.000	3.400
<i>Chaetoceros radicans</i>	83.400	77.000	34.600	19.500	27.000	30.800	6.800	19.200	11.600	15.400	22.600	10.200
<i>Chaetoceros socialis</i>	600	1.300	1.500	0	2.000	29.200	2.600	10.200	8.200	2.400	1.600	0
<i>Chaetoceros teres</i>	700	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	1.300	3.200	1.800	3.000	0	0	4.000	4.200	14.200	0
<i>Cocconeis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	100	200	0	100	0	0	0	0	400	0	0	0
<i>Coscinodiscus</i> spp.	0	0	100	0	200	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	0	100	0	0	0	600	200	0	0	200	800
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	700	0	0	8.800	0	800	4.600	5.600	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	300	0	0	0	0	0	400	0	0	0	0
<i>Eucampia zodiacus</i>	1.300	2.100	0	0	0	1.200	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	4.000	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.000	0	300	900	0	2.200	400	0	0	1.200	0	1.200
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	600	1.700	0	600	0	1.200	1.000	800	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	0	0	0	0	0	200	200	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	600	0	1.200	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	1.800	4.500	14.800	600	1.200	0	4.600	4.600	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	2.800	700	0	800	0	400	200	1.600	0	0	400	0
<i>Pseudo-nitzschia cf. pungens</i>	2.600	0	0	5.700	0	0	1.600	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	1.200	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	100.000	49.500	126.600	77.100	22.400	6.200	3.200	6.000	4.200	0	0	3.800
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	800	0	0	0	0	2.600
<i>Thalassionema nitzschioides</i>	800	1.200	100	1.800	0	1.000	3.200	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	1.000	4.300	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	1.800	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	48.200	40.700	14.800	12.700	3.000	4.200	4.800	7.200	6.000	10.800	0	2.400
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	1.400	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	5.200	1.900	0	200	1.000	1.200	6.000	800	800	2.200	2.800	2.600
<i>Thalassiosira</i> spp.	57.000	93.500	44.000	14.800	135.000	34.000	119.800	61.800	134.000	142.000	67.400	45.600
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 51 (continuación)

	L16N1 I. Chauflin		L17 Auchemó		L17N1 E. Palvítad		L19 Pta. Chiguao		L19N1 Yelcho		L19N2 C. Coldita	
	8-dic-09		7-dic-09		7-dic-09		5-dic-09		5-dic-09		5-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium fusus</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	300	200	200	400	200	0	200	200	0	0	0
<i>Dinophysis</i> spp.	0	0	0	100	0	200	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	600	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	100	400	0	200	0	600	0	0	0	200	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	200	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	100	100	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	700	200	400	600	400	200	0	0	200	0	200
<i>Dinoflagelados indet.</i>	800	0	500	400	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	100	0	0	0	0	0	0	200	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	100	0	0	100	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	200	0	0	0	200	200
TOTAL DIATOMEAS	317.500	282.000	257.100	149.900	210.400	123.600	168.000	120.200	172.600	186.600	128.600	75.400
TOTAL DINOFLAGELADOS	1.800	1.200	1.400	1.100	1.200	1.000	800	200	200	200	200	200
TOTAL SILICOFLAGELADOS	0	0	100	100	0	0	0	0	0	0	200	0
TOTAL OTROS	100	0	0	100	0	0	200	0	0	0	200	200
TOTAL	319.400	283.200	258.600	151.200	211.600	124.600	169.000	120.400	172.800	186.800	129.200	75.800

Anexo 51 (continuación)

	L20 I. Laitec		L20N1 Bco. Velahue		L21 B. Corcovado		L22 B. Asasao		L22N1 Ens. Quilánlar		L22N2 Inio	
	5-dic-09		5-dic-09		7-dic-09		6-dic-09		6-dic-09		6-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus senarius</i>	300	0	0	0	200	0	1.000	0	0	0	0	0
<i>Amphipora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	1.000	400	800	200	400
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Chaetoceros compressus</i>	0	0	1.700	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	900	0	2.100	500	1.400	1.000	0	1.800	3.600	0	1.000	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	1.900	0	0	8.600	6.800	15.000	10.400	22.200	5.200
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	2.100	0	0	0	0	0	0	2.000	2.400	600	8.800	0
<i>Chaetoceros didymus</i>	1.700	0	5.300	1.000	0	0	7.000	0	2.600	0	3.600	1.400
<i>Chaetoceros korenzianus</i>	0	0	2.600	4.500	0	0	800	2.200	3.200	4.200	3.000	600
<i>Chaetoceros radicans</i>	26.900	0	17.600	12.100	11.200	42.800	11.800	15.400	7.200	2.000	12.800	2.200
<i>Chaetoceros socialis</i>	900	0	30.600	0	2.400	1.400	2.200	1.600	15.600	0	0	0
<i>Chaetoceros teres</i>	0	0	1.100	0	0	0	1.200	0	0	0	0	0
<i>Chaetoceros</i> spp.	500	0	2.800	0	2.200	1.400	8.400	1.200	6.000	5.000	6.800	1.200
<i>Cocconeis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	600	0	0	400	0	200	0
<i>Coscinodiscus</i> spp.	100	0	100	100	200	0	200	0	0	0	600	0
<i>Cylindrotheca closterium</i>	100	100	200	0	0	0	800	1.400	800	600	2.400	2.000
<i>Dactylosolen fragilissimus</i>	0	0	0	600	0	0	0	600	0	0	400	0
<i>Detonula pumila</i>	5.700	0	1.700	0	0	0	0	0	800	600	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	3.600	6.200	2.400	2.800	1.400	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	200	1.300	0	0	29.000	33.200	720.000	31.200	16.200	7.600
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	1.400	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	400	1.000	0	1.200	0
<i>Leptocylindrus minimus</i>	0	0	1.800	1.000	600	2.400	2.400	3.000	5.800	4.800	2.000	4.800
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	0	0	100	0	0	0	200	200	200	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	500	0	1.700	0	1.400	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	2.000	1.400	800	1.800	2.400	1.000
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	800	0	800	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	2.300	0	8.600	16.200	0	1.400	2.400	1.000	800	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	500	800	7.000	1.200	1.000	0	800	1.400	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	100	400	0	0	2.800	0	0	200	800	0
<i>Rhizosolenia setigera</i>	0	0	0	500	0	0	3.000	1.000	1.800	2.400	8.800	2.000
<i>Skeletonema costatum</i>	0	0	12.800	4.600	165.000	0	0	0	0	1.000	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	1.400	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	800	300	200	800	4.000	800	0	4.600	1.600	400	0
<i>Thalassiosira anguste-lineata</i>	0	0	1.200	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	1.400	800	800	1.000	1.400
<i>Thalassiosira cf. aestivalis</i>	27.400	8.900	17.000	13.300	2.400	7.400	17.200	13.000	16.000	13.800	4.400	3.800
<i>Thalassiosira cf. decipiens</i>	0	800	900	0	0	0	0	2.800	5.400	0	2.800	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	408.000	637.000	688.000	130.200	1.492.000	426.000
<i>Thalassiosira cf. rotula</i>	4.000	0	4.400	4.300	0	2.600	8.000	8.200	12.600	10.600	27.800	6.000
<i>Thalassiosira</i> spp.	60.300	52.000	209.100	178.800	91.000	146.000	8.400	94.000	1.060.000	96.000	27.000	14.400
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 51 (continuaci3n)

	L20 I. Laitec		L20N1 Bco. Velahue		L21 B. Corcovado		L22 B. Asasao		L22N1 Ens. Quilanlar		L22N2 Inio	
	5-dic-09		5-dic-09		7-dic-09		6-dic-09		6-dic-09		6-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	200	0	0	400	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	1.200	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	100	400	1.200	0	0	0	1.000	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	200	0	200	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	200	2.800	3.200	200	600	0	0	200	200
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	200	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	200	800	0	0	200	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	200	400	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	2.000	0
TOTAL DIATOMEAS	131.400	62.800	317.600	225.700	289.600	236.400	531.800	834.400	2.582.400	322.000	1.652.200	480.000
TOTAL DINOFLAGELADOS	200	0	300	600	4.400	5.000	400	600	1.200	200	200	200
TOTAL SILICOFLAGELADOS	0	0	0	0	200	800	0	0	200	0	0	0
TOTAL OTROS	0	0	0	0	200	400	0	0	0	0	2.000	0
TOTAL	131.600	62.800	317.900	226.300	294.400	242.600	532.200	835.000	2.583.800	322.200	1.654.400	480.200

Anexo 51 (continuación)

	L23		L23N1		L23N2		L24		L24N1		L25	
	I. Sn. Pedro		C. Guamblad		I. Sn. Pedro 2		I. Guapikilán		I. Guapikilán 2		B. Tic Toc	
	5-dic-09		5-dic-09		5-dic-09		6-dic-09		6-dic-09		7-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus senarius</i>	600	0	0	0	0	200	0	0	0	0	0	0
<i>Amphipora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	4.000	0	200	400	0	700
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	800	0	0	800	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	4.000	0	600
<i>Chaetoceros constrictus</i>	6.000	3.200	800	2.800	3.400	800	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	1.800	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	1.500	2.300	4.000	0	0	0	18.000	16.400	11.800	6.000	2.400	1.100
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	2.400	2.000	2.200	8.400	0	0
<i>Chaetoceros didymus</i>	5.000	2.800	2.400	0	3.200	5.000	800	5.600	1.000	3.200	400	0
<i>Chaetoceros korenzianus</i>	6.400	1.800	4.000	0	800	2.200	4.800	800	3.800	6.800	0	0
<i>Chaetoceros radicans</i>	19.000	36.200	9.000	25.400	4.400	13.400	30.800	9.600	5.200	0	0	0
<i>Chaetoceros socialis</i>	800	0	2.000	0	0	0	0	0	3.200	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	1.800	0	0	0
<i>Chaetoceros</i> spp.	0	0	1.400	1.400	0	0	0	6.000	1.800	2.800	1.300	200
<i>Cocconeis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	400	0	0	0	0	400	0	600	400	0	0
<i>Coscinodiscus</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	200	200	400	0	600	0	5.600	1.200	1.000	10.800	400	500
<i>Dactylosolen fragilissimus</i>	0	0	0	400	0	0	1.600	0	0	800	0	0
<i>Detonula pumila</i>	0	0	0	400	1.000	0	0	0	600	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	200	800	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	8.000	2.000	5.600	3.200	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	2.400	16.400	8.400	24.600	20.400	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	2.000	0	600	2.800	0	0
<i>Leptocylindrus minimus</i>	300	0	3.400	0	0	1.600	0	0	4.200	6.800	3.800	700
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	100	0	800	0	200	0	2.400	0	0	400	200	200
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	1.000	0	0	0	0	0	0	0	800	0
<i>Pleurosigma directum</i>	0	0	200	0	0	0	800	400	800	3.600	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	1.200	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	600	5.200	4.000	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	400	400	600	400	800	1.200	1.400
<i>Pseudo-nitzschia cf. pungens</i>	1.100	0	0	0	0	0	0	2.000	0	400	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	800	0	0	0
<i>Rhizosolenia setigera</i>	0	0	200	0	400	200	5.200	800	7.600	6.400	1.400	2.800
<i>Skeletonema costatum</i>	4.800	0	3.400	0	0	0	0	0	0	0	300	0
<i>Stephanopyxis turris</i>	0	600	0	600	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	400	400	600	0	0	0	0	800	1.600	2.400	100	100
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	800	0	3.600	4.000	0	0
<i>Thalassiosira cf. aestivalis</i>	6.000	12.200	9.600	5.800	3.600	3.200	17.200	2.800	13.400	17.600	400	0
<i>Thalassiosira cf. decipiens</i>	25.800	11.200	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	1.400	0	537.600	154.400	1.040.000	968.000	0	0
<i>Thalassiosira cf. rotula</i>	2.800	3.600	800	0	1.800	400	4.400	2.600	2.000	24.400	0	0
<i>Thalassiosira</i> spp.	133.000	97.400	121.000	110.600	91.000	94.000	71.200	28.000	16.600	13.600	0	500
<i>Diatomeas pennadas indet.</i>	0	0	0	400	0	0	0	0	0	0	0	0

Anexo 51 (continuación)

	L23 I. Sn. Pedro 5-dic-09		L23N1 C. Guamblad 5-dic-09		L23N2 I. Sn. Pedro 2 5-dic-09		L24 I. Guapiquilán 6-dic-09		L24N1 I. Guapiquilán 2 6-dic-09		L25 B. Tic Toc 7-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	100	0	400	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	200	0	0	0	0	0	0	0
<i>Gymnodinium cf. sanguineum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	600	200	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	300	0	0	200	0	0	400	400	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	200	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	200	100	400	200	200	0	400	0	200	200	0	200
<i>Dinoflagelados indet.</i>	0	0	0	200	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	800	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	400	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	0	200	0	200	0	800	0	0	0	0	0
TOTAL DIATOMEAS	213.800	174.100	165.000	148.000	113.400	124.400	740.800	248.400	1.156.200	1.119.200	12.700	8.800
TOTAL DINOFLAGELADOS	400	500	1.000	1.200	600	0	400	400	600	200	0	200
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	800	0	0	0	0	0
TOTAL OTROS	0	0	200	0	200	0	1.200	0	0	0	0	0
TOTAL	214.200	174.600	166.200	149.200	114.200	124.400	743.200	248.800	1.156.800	1.119.400	12.700	9.000

Anexo 52
Densidad de fitoplancton (cél·L⁻¹) en la región de Aysén.
Crucero 1 (1 -29 diciembre 2008).

	A01		A02		A03		A04		A05		A05N1	
	I. Virginia-B. Low		Repollal-C. Puquitrín		Pto. Barrientos		I. Julia-G. Peligroso		I. Ovalada		I. Valverde	
	7-dic-08		7-dic-08		8-dic-08		9-dic-08		8-dic-08		8-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	362.500	68.400	16.000	61.600	43.300	66.100
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Campylodiscus bicostatus</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	38.800	11.400	18.200	9.100	25.100	9.100	27.400	50.200	50.200	16.000	68.400	38.800
<i>Chaetoceros affinis</i>	0	0	3.000	13.800	0	2.800	700	2.400	6.400	11.400	0	200
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	1.300	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	600
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	300
<i>Chaetoceros debilis</i>	0	0	3.200	7.600	2.400	3.000	7.000	700	12.000	15.000	10.000	1.800
<i>Chaetoceros decipiens</i>	0	0	0	0	0	200	0	0	0	0	0	600
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	600	0	0
<i>Chaetoceros radicans</i>	0	0	1.000	4.400	0	0	0	600	4.200	1.800	4.600	1.600
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	1.000	13.800	2.200	15.800	0	0	0	9.400	5.000	2.600
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	1.700	1.100	0
<i>Chaetoceros spp.</i>	0	0	0	0	700	2.800	0	0	1.500	0	0	600
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	200	600	1.400	300	600	200	0	900	200	200	100
<i>Detonula pumila</i>	107.200	86.600	38.800	323.800	148.200	257.600	57.000	148.200	367.100	275.900	303.200	207.500
<i>Diploleis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploleis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	84.400	214.300	59.300	415.000	25.100	75.200	177.800	38.800	57.000	57.000
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	100	0	20.500	25.100	16.000	52.400	25.100	13.700	52.400	13.700	73.000	16.000
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	400	0	1.400	0	0	200	0	0	0
<i>Leptocylindrus danicus</i>	41.000	6.800	43.300	13.700	43.300	38.800	22.800	86.600	63.800	36.500	61.600	59.300
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	321.500	285.000	394.400	82.100	202.900	41.000	5.000	5.000	8.000	2.000	1.400	1.000
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	100	1.700	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	100	800	0
<i>Nitzschia spp.</i>	0	0	0	1.900	2.000	0	0	0	0	900	0	0
<i>Odontella aurita</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Odontella longicruris</i>	0	200	0	200	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	100	0	0	0	0	0	0	0	100	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Pseudo-nitzschia cf. australis</i>	6.800	1.600	4.600	2.300	13.700	41.000	29.600	4.600	9.100	4.400	18.200	29.600
<i>P. cf. pseudodelicatissima</i>	6.800	1.800	9.100	11.400	11.400	6.800	70.700	20.500	11.400	6.800	25.100	16.000
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	31.900	43.300	2.300	0	22.800	16.000	88.900	34.200	41.000	45.600	88.900	86.600
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	45.600	6.800	47.900	164.200	11.400	36.400	6.800	54.700	16.000	22.800	0	0
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	800	200	0	2.600	0	0	0	0	2.200	0	0	1.200
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	2.300	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira subtilis</i>	700	0	400	200	0	300	600	600	1.200	0	1.600	1.200
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	2.300	600	0	200	0	300	400	600	0	0	1.300	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	200	0	0	200	0	400	0	400	100

Anexo 52 (continuación)

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	7-dic-08		7-dic-08		8-dic-08		9-dic-08		8-dic-08		8-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	700	200	200	0	0	100	600	0	100
<i>Thalassiosira spp.</i>	0	0	0	100	0	0	0	100	200	0	0	0
<i>Diatomeas pennadas indet.</i>	100	0	0	100	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	100	0	100	0	100	100	700	100
<i>Alexandrium ostenfeldii</i>	0	0	0	0	200	0	0	0	0	100	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium azoricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	700	100	300	0	0	100	200	300	100	100	300	200
<i>Ceratium horridum</i>	200	0	100	0	0	0	0	0	0	100	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	100	200	100	0	400	100
<i>Ceratium macroceros</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	500	300	400	0	600	100	200	200	1.000	500	1.200	300
<i>Dinophysis acuta</i>	100	0	0	0	100	100	0	0	0	0	500	200
<i>Dinophysis cf. odiosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. chlorophorum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Gyrodinium spp.</i>	200	100	0	500	0	100	0	0	0	100	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	100	0	100	600	0	100	0	0	100	300	0	0
<i>Preperidinium meunieri</i>	0	0	400	200	0	0	100	100	300	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protocentrum reticulatum</i>	200	0	200	0	100	0	200	0	200	0	1.100	200
<i>Protoperidinium aspidiotum</i>	500	0	100	600	100	300	100	100	100	0	200	100
<i>Protoperidinium claudicans</i>	0	0	0	300	0	0	100	0	0	0	0	100
<i>Protoperidinium conicum</i>	100	0	0	100	0	0	0	0	100	100	0	0
<i>Protoperidinium excentricum</i>	100	100	0	0	100	0	0	0	0	0	400	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	100	100	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	200	500	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. pellucidum</i>	100	0	100	200	0	0	0	0	300	100	200	100
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	100	100	300	300	0	200	0	0	100	0	0	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus horologium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	100	100	200	0	0	0	200	0
<i>Scrippsiella trochoidea</i>	300	0	0	0	0	0	0	0	100	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	100	200	0	0	0	0	0	100	300	500	200	400
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	100	0	0	0	0	0
TOTAL DIATOMEAS	606.100	444.600	672.900	893.700	561.900	941.500	730.000	566.300	842.300	566.000	769.000	588.900
TOTAL DINOFLAGELADOS	3.200	800	2.300	3.500	1.500	1.200	1.500	1.000	2.900	1.500	5.300	1.400
TOTAL SILICOFLAGELADOS	100	200	0	0	0	0	0	100	300	500	200	400
TOTAL OTROS	0	0	0	0	0	0	100	0	0	0	0	0
TOTAL	609.400	445.600	675.200	897.200	563.400	942.700	731.600	567.400	845.500	568.000	774.500	590.700

Anexo 52 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	16-dic-08		16-dic-08		16-dic-08		16-dic-08		16-dic-08		16-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Asterionellopsis glacialis</i>	29.600	9.600	6.800	0	9.100	0	6.800	0	4.600	4.600	0	4.600
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Campylodiscus bicostatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	13.700	6.800	100	0	600	0	1.400	0	1.000	0	600	300
<i>Chaetoceros affinis</i>	1.800	0	6.800	0	700	0	2.400	1.500	4.200	700	0	1.000
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	700	0	0	0	0	500
<i>Chaetoceros constrictus</i>	0	0	0	0	1.700	0	1.000	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	27.400	14.400	6.800	41.000	18.200	2.800	0	0	36.500	22.800	0	20.500
<i>Chaetoceros decipiens</i>	1.400	0	0	800	300	1.200	1.300	0	0	0	0	1.000
<i>Chaetoceros diadema</i>	0	0	0	400	3.000	800	1.100	0	4.400	0	0	1.200
<i>Chaetoceros didymus</i>	0	1.200	0	700	500	2.000	0	0	1.600	0	0	100
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	11.400	3.400	0	0	1.000	2.600	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	22.800	0	0	0	300	0
<i>Chaetoceros socialis</i>	18.200	12.200	0	0	800	0	0	15.000	13.700	11.400	1.000	400
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	500	0	0	900	0	0	0	1.000	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	200	300	100	100	300	200	800	300	300	300	700	200
<i>Detonula pumila</i>	141.400	93.500	134.100	77.500	389.900	45.600	47.900	1.200	0	22.800	111.700	234.800
<i>Diploneis didyma</i>	100	100	0	0	0	0	0	0	0	0	0	100
<i>Diploneis cf. crabro</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	100	0	0	100	0	0	100	0	100	0	100
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	200.600	0	355.700	369.400	590.500	371.600	770.600	346.600	0	741.000	652.100	506.200
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	2.200	0	100	300	0	0	13.700	0	600	0	27.400	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	20.500	9.100	16.000	25.100	34.200	16.000	25.100	22.300	38.800	0	25.100	41.000
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	111.700	86.600	27.400	27.400	132.200	11.400	474.200	337.400	633.800	0	61.600	47.800
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	600	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	200	0	0	0	0	0	200	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	100	0	0	0	0	0	200	100	0	0	0	0
<i>Nitzschia spp.</i>	400	0	0	0	100	0	0	500	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicruris</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	400	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Proboscía alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	27.400	0	18.200	16.800	6.800	4.600	11.400	22.800	34.200	22.800	54.300	29.600
<i>P. cf. pseudodelicatissima</i>	4.600	22.800	4.600	11.400	39.800	2.300	70.700	45.600	20.500	11.400	13.700	16.000
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	736.400	590.500	136.800	209.800	714.500	111.700	743.300	385.300	852.700	684.000	301.000	643.000
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	27.400	4.800	57.000	47.900	84.400	36.500	31.900	22.800	45.600	25.100	63.800	11.400
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	11.400	1.200	0	600	0	1.200	0	0	0	0	0	400
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira nitzschoides</i>	6.800	0	0	0	0	0	800	2.200	0	0	0	200
<i>Thalassiosira subtilis</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	300	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 52 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	16-dic-08		16-dic-08		16-dic-08		16-dic-08		16-dic-08		16-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. delicatula</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	100	0	0	0	0	0	0	200
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	200	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium azoricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	100	100	100	100	0	0
<i>Ceratium fusus</i>	100	0	200	0	600	0	800	0	4.600	3.600	200	100
<i>Ceratium horridum</i>	0	0	100	200	200	0	200	100	0	100	200	0
<i>Ceratium lineatum</i>	0	0	100	0	0	0	100	0	0	0	100	0
<i>Ceratium macroceros</i>	100	0	100	0	0	0	100	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	100	0	0	100	0	0	0	400	0
<i>Dinophysis acuminata</i>	200	0	0	0	100	0	0	0	100	0	100	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis cf. odiosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. chlorophorum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	100	100	100	0	200	0	300	0	200	0
<i>Heterocapsa triquetra</i>	900	600	0	0	200	0	7.000	2.200	3.200	1.600	200	100
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	400	0	700	100	300	300
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium aspidiotum</i>	200	0	0	300	100	0	0	800	700	1.200	500	300
<i>Protoperidinium claudicans</i>	0	0	100	0	0	0	0	0	0	0	200	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	100	200	0	0
<i>Protoperidinium excentricum</i>	0	0	200	0	0	0	0	600	0	0	100	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	200	100	200	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	100	100	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	100	0	0	100	100	200	0	100	100	300	100
<i>Protoperidinium cf. steinii</i>	0	0	0	0	200	0	0	0	200	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	400	100	0	100	100	0	0	300	0	400	100
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus horologium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	200	0	0	100
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	100	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	100	200	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.395.200	856.800	770.800	830.000	2.028.800	611.300	2.229.000	1.204.400	1.692.900	1.547.000	1.314.300	1.560.600
TOTAL DINOFLAGELADOS	1.500	1.100	1.000	700	1.700	200	9.300	3.900	10.900	7.100	3.800	1.100
TOTAL SILICOFLAGELADOS	100	200	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.396.800	858.100	771.800	830.700	2.030.500	611.500	2.238.300	1.208.300	1.703.800	1.554.100	1.318.100	1.561.700

Anexo 52 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	17-dic-08		17-dic-08		18-dic-08		18-dic-08		19-dic-08		19-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	200	0	0	0	0	0	200	0	100	100	0	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	91.200	45.600	1.885.600	0	690.800	458.300	79.800	66.100	34.200	22.800	4.600	82.100
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Campylodiscus bicosatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	200	500	0	0	700	200	600	200	800	300	300	0
<i>Chaetoceros affinis</i>	0	800	0	0	4.400	4.100	0	0	1.800	700	0	0
<i>Chaetoceros compressus</i>	0	0	0	600	0	0	400	0	500	0	1.000	1.600
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	700
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	1.800	700	61.600	54.700	13.700	2.400	800	2.300	1.300	2.000	0	25.100
<i>Chaetoceros decipiens</i>	0	0	0	0	1.900	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	700	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	2.400	0	0	0	0	0	0	0	0	700
<i>Chaetoceros similis</i>	0	0	600	600	300	1.700	0	0	900	0	0	0
<i>Chaetoceros socialis</i>	0	0	18.600	66.100	800	0	2.800	0	0	0	600	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	400	0	0	200	100	400	100	300	100	200	100
<i>Detonula pumila</i>	0	0	45.600	600	25.100	1.500	11.400	9.100	31.900	9.100	16.000	52.400
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	200	0	0	0	100	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	86.600	22.800	0	0	43.300	0	13.700	6.800	54.700	57.000	54.700	45.600
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	2.300	0	0	4.600	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	200	200	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	22.800	6.800	0	0	22.800	1.700	16.000	6.800	16.000	0	700	11.400
<i>Leptocylindrus mediterraneus</i>	0	700	0	0	0	500	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	31.900	1.400	27.400	25.100	22.800	0	643.000	248.500	820.800	0	802.600	118.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	300	0	0	0	200	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Nitzschia spp.</i>	0	300	0	300	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicrus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	600	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	1.600	77.500	70.700	4.600	0	9.100	2.300	6.800	34.200	0	4.600
<i>P. cf. pseudodelicatissima</i>	9.100	2.600	86.600	84.400	0	0	18.200	11.400	4.600	43.300	13.700	31.900
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	79.800	376.200	342.000	148.200	102.600	271.300	232.600	171.000	130.000	207.500	91.200
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	9.100	11.400	63.800	43.300	13.700	11.400	29.600	4.600	50.100	22.800	45.600	11.400
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	400	600	200	2.300	0	0	0	0	0	300
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	200	0	1.000	700	2.300	0	1.200	0	1.100	0	100	0
<i>Thalassiosira subtilis</i>	600	0	1.200	1.200	22.800	41.000	16.000	11.400	13.700	6.800	31.900	1.600
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	45.600	38.800	0	700	0	0	16.000	11.400	0	6.800
<i>Thalassiosira cf. decipiens</i>	0	0	500	300	800	600	0	0	0	0	0	0

Anexo 52 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	17-dic-08		17-dic-08		18-dic-08		18-dic-08		19-dic-08		19-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	200	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	100	200	200	200	500	0	0	0	0	0	400	200
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Ceratium azoricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Ceratium fusus</i>	100	0	100	100	600	200	100	300	300	200	400	300
<i>Ceratium horridum</i>	100	0	0	100	100	100	200	0	100	0	0	0
<i>Ceratium lineatum</i>	0	0	200	100	0	0	200	0	100	0	100	100
<i>Ceratium macroceros</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	700	0	0	0	200	100	200	0	0	100	0	0
<i>Dinophysis acuta</i>	200	0	100	0	100	0	300	0	100	100	200	200
<i>Dinophysis cf. odiosa</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. chlorophorum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	400	300	300	0	0	0	100	0	0	0
<i>Heterocapsa triquetra</i>	400	0	0	0	0	0	100	0	100	200	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	100	0	0	100	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Proceratium micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	1.300	400	200	0	1.500	300	2.000	0	2.200	200	1.500	1.800
<i>Protoperdinium aspidiotum</i>	0	0	700	400	0	100	1.000	100	200	100	0	0
<i>Protoperdinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium conicum</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium excentricum</i>	400	0	0	0	1.100	100	500	200	300	0	100	0
<i>Protoperdinium oceanicum</i>	0	0	0	0	200	0	0	0	100	0	0	0
<i>Protoperdinium pentagonum</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Protoperdinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pyriforme</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Protoperdinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. grani</i>	800	0	200	0	400	200	100	0	100	0	200	300
<i>Protoperdinium cf. leonis</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. oblongum</i>	0	0	200	0	0	0	0	100	0	0	0	0
<i>Protoperdinium cf. obtusum</i>	300	0	100	100	800	0	100	100	0	0	0	0
<i>Protoperdinium cf. pallidum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperdinium cf. pellucidum</i>	300	400	0	600	0	500	4.600	800	700	100	1.800	500
<i>Protoperdinium cf. steinii</i>	0	0	0	0	0	0	100	0	0	0	300	0
<i>Protoperdinium cf. thorianum</i>	0	0	0	0	100	0	100	0	0	0	0	0
<i>Protoperdinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. tristylum</i>	400	0	0	0	0	0	400	0	0	0	0	0
<i>Protoperdinium spp.</i>	100	400	100	0	300	200	0	400	0	300	200	0
<i>Ptychodiscus lunula</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Pyrocystis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus horologium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	100	0	100	0	500	0	0	0	0	100	100	300
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	100	0	100	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	100	0	0	100	100	0	100	300	100	200	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	100	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	253.700	177.800	2.694.600	730.300	1.024.800	630.200	1.114.500	602.700	1.226.600	341.400	1.179.500	486.100
TOTAL DINOFLAGELADOS	6.000	1.400	3.000	2.100	6.800	2.000	10.500	2.000	4.500	1.600	5.400	3.700
TOTAL SILICOFAGELADOS	100	0	0	100	100	0	100	300	100	200	0	0
TOTAL OTROS	100	0	0	0	0	0	0	0	0	0	0	0
TOTAL	259.900	179.200	2.697.600	732.500	1.031.700	632.200	1.125.100	605.000	1.231.200	343.200	1.184.900	489.800

Anexo 52 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	15-dic-08		19-dic-08		19-dic-08		19-dic-08		19-dic-08		19-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	100	0	400	0	100	0	0	0	0	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	27.400	22.800	38.800	54.700	0	223.400	95.800	84.400	118.600	43.400	483.400	205.200
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Campylodiscus bicosatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	600	200	200	200	0	4.600	0	0	500	300	400	200
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	1.000	0	1.000
<i>Chaetoceros compressus</i>	0	0	1.700	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	1.200	0	0	400	0	0	0	0	0	0	400	400
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	212.000	111.700	0	0	0	29.600	20.500	5.200	15.600	6.800	34.200	43.300
<i>Chaetoceros decipiens</i>	1.300	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	600	0	0	0	0	0	700
<i>Chaetoceros didymus</i>	200	4.800	0	0	0	900	0	300	700	0	0	0
<i>Chaetoceros lorenzianus</i>	800	0	0	0	0	600	0	0	0	0	800	0
<i>Chaetoceros radicans</i>	61.600	41.000	0	0	0	1.000	0	0	0	0	6.800	4.600
<i>Chaetoceros similis</i>	400	0	0	0	0	0	0	0	0	0	500	300
<i>Chaetoceros socialis</i>	0	0	22.800	11.400	0	30.900	0	0	6.800	1.800	0	20.500
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	700	600	200	0	600	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	300	0	0	300	0	100	0	0	100	100	0	0
<i>Detonula pumila</i>	20.500	0	0	300	0	27.400	1.200	1.200	6.800	0	13.700	9.100
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	300	0	0	100	0	0	100	0	0	500	0	100
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	2.612.900	679.400	20.500	34.400	0	29.600	0	0	18.700	11.400	52.400	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Guinardia delicatula</i>	6.800	0	0	0	0	2.600	200	300	1.400	1.200	20.500	2.300
<i>Gyrodinium balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	45.600	34.200	77.500	66.100	38.800	25.100	57.000	41.000	18.200	9.100	0	22.800
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	400	0	0
<i>Leptocylindrus minimus</i>	123.100	95.800	848.300	547.200	412.700	45.600	84.400	66.100	0	0	38.800	25.100
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	200	0	0	0	0	0	0	0	1.000
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	1.300	600	0	300	0	700	0	0	0	0	1.000	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicrus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	100	100	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	132.200	109.400	6.800	4.600	0	25.100	2.300	1.800	4.600	1.200	0	2.300
<i>P. cf. pseudodelicatissima</i>	104.900	88.900	43.300	22.800	0	36.500	18.200	4.800	9.100	2.400	0	45.600
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	720.500	383.000	294.100	248.500	291.800	114.000	228.000	207.500	82.100	91.200	14.100	171.000
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	143.600	86.600	18.200	11.400	22.800	54.700	31.900	22.800	700	900	0	0
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	400	0	0	0	600	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	11.400	0	700	0	800	300	11.400	600	2.600	0	6.800	0
<i>Thalassiosira subtilis</i>	13.700	0	4.600	0	1.000	18.800	500	0	16.000	11.400	84.400	47.900
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 52 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	15-dic-08		19-dic-08		19-dic-08		19-dic-08		19-dic-08		19-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. anguste-lineata</i>	11.400	9.100	0	0	0	13.600	4.600	2.400	13.700	20.500	34.200	22.800
<i>Thalassiosira cf. decipiens</i>	6.800	0	0	0	200	2.600	0	0	0	300	6.800	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	300	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	100	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	500	300	100	100	0	400	600	300	200	0	200	100
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium azoricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	200	0	200	0	200	200	100	100	0	0	0	0
<i>Ceratium horridum</i>	0	0	500	200	0	0	100	100	100	0	100	0
<i>Ceratium lineatum</i>	0	0	0	0	0	100	0	0	200	100	200	0
<i>Ceratium macroceros</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	100	100	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	300	0	0	100	100	0	100	0	300	0	100	0
<i>Dinophysis acuta</i>	200	100	200	0	100	200	0	0	200	0	400	0
<i>Dinophysis cf. odiosa</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. chlorophorum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Gymnodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	200	0	0	0	0	0	100	0	0
<i>Heterocapsa triquetra</i>	5.400	2.400	600	100	400	0	1.300	1.000	500	0	3.500	400
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	100	0	0	0	100	0	0
<i>Preperidinium meunieri</i>	0	0	200	0	300	0	0	0	0	0	0	0
<i>Procerentrum micans</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	200	30.600	3.700	6.200	900	0	700	1.200	400	600	300
<i>Protoperidinium aspidiotum</i>	0	400	200	0	0	0	200	0	0	0	600	100
<i>Protoperidinium claudicans</i>	0	0	100	0	0	0	0	0	100	0	300	0
<i>Protoperidinium conicum</i>	100	0	0	0	0	200	200	100	200	0	500	0
<i>Protoperidinium excentricum</i>	0	0	200	0	0	100	300	0	0	100	400	0
<i>Protoperidinium oceanicum</i>	400	0	100	0	0	0	100	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. conicoides</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	100	100	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	100	100	200	0	0	200	100	0	300	0	500	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	300	0	0	0	0	0	0	0	1.100	0	100	100
<i>Protoperidinium cf. obtusum</i>	500	0	0	0	0	0	100	0	0	0	600	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	1.000	600	100	1.200	2.000	100	0	600	500	0	1.000	100
<i>Protoperidinium cf. steinii</i>	400	0	100	0	300	100	300	0	500	0	800	100
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	100	0	0	0	100	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	100	0	100	0	200	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	200	0	100	0	0	200	200	300	800	0	500	300
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	200	0	0	0	0	0	100	0
<i>Pyrocystis spp.</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Pyrophacus horologium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	500	0	0	100	0	0	100	100	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	100	0	100	100	0	200	0	0	100	0	300	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	300	300	400	0	0	0	100	100	200	0
TOTAL DIATOMEAS	4.261.600	1.668.600	1.378.000	1.003.000	769.700	689.200	556.200	438.400	316.200	204.000	799.200	626.300
TOTAL DINOFLAGELADOS	9.900	4.100	34.300	5.700	10.000	3.300	4.100	3.200	6.500	1.100	10.700	1.500
TOTAL SILICOFLAGELADOS	100	0	100	100	0	200	0	0	100	0	300	100
TOTAL OTROS	0	0	300	300	400	0	0	0	100	100	200	0
TOTAL	4.271.600	1.672.700	1.412.700	1.009.100	780.100	692.700	560.300	441.600	322.900	205.200	810.400	627.900

Anexo 52 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quilralco		A28 Pta. Lynch		A29 Pto. Bonito	
	22-dic-08		29-dic-08		28-dic-08		29-dic-08		29-dic-08		29-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	823.100	355.700	2.866.000	855.000	20.500	22.800	116.300	10.800	13.700	4.600	4.600	1.800
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Campylodiscus bicostatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	600	0	300	0	100	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	1.600	1.600	0	0	0	0	0	0	100	0
<i>Chaetoceros compressus</i>	0	0	0	1.600	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	22.800	0	59.300	57.000	823.100	223.400	2.000	0	0	0	0	700
<i>Chaetoceros decipiens</i>	0	0	1.300	0	0	0	400	700	0	0	800	0
<i>Chaetoceros diadema</i>	0	0	0	800	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	2.400	1.000	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	600	22.800	22.800	22.800	0	0	1.800	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	300	0	0	100	0	0	500	500
<i>Chaetoceros socialis</i>	6.800	6.400	0	0	82.100	57.000	0	1.000	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	2.200	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	300	300	300	0	200	0	0	0	0
<i>Detonula pumila</i>	6.800	0	0	200	2.200	0	0	0	1.000	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	300	300	100	200	0	0	100	400	100	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	6.800	4.800	22.800	43.300	47.900	13.700	4.600	7.600	20.500	11.400	31.900	22.800
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	6.800	1.700	0	0	300	1.000	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	66.100	4.200	68.400	22.800	600	200	2.300	300	400	0	0	0
<i>Leptocylindrus mediterraneus</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	25.100	2.200	88.900	66.400	0	800	18.200	200	4.600	0	25.100	4.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	100	100	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	300	0	1.400	0	0	800	400	0	0	100	400	200
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicrus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	200	0	200	100	100	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	4.600	4.600	45.600	41.000	800	4.600	0	400	500	300	400	0
<i>P. cf. pseudodelicatissima</i>	59.300	86.600	214.300	109.400	4.600	18.200	2.300	400	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	218.900	100.300	84.400	29.600	6.800	4.600	4.600	200	2.300	0	200	700
<i>Rhizosolenia styliformis</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	59.300	11.400	54.700	22.800	6.800	0	400	0	400	600	0	0
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	34.200	6.800	16.000	11.400	0	0	61.600	9.600	34.200	6.800	13.700	6.800
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sunrella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira nitzschoides</i>	29.600	0	59.300	6.800	300	0	0	1.200	1.400	0	0	0
<i>Thalassiosira subtilis</i>	98.000	43.300	50.200	11.400	1.600	13.700	4.600	1.000	800	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	11.400	1.200	16.000	6.800	4.600	16.000	54.700	7.200	16.000	200	9.100	0
<i>Thalassiosira cf. decipiens</i>	29.600	0	27.400	4.600	0	0	13.700	2.600	400	400	0	0

Anexo 52 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quitralco		A28 Pta. Lynch		A29 Pto. Bonito	
	22-dic-08		29-dic-08		28-dic-08		29-dic-08		29-dic-08		29-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	300	1.400	600	300	0	0	0	200	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium azoricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	200	200	400	0	0	0	200	0	0	0	100	0
<i>Ceratium horridum</i>	100	0	200	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	100	0	100	0	0	0
<i>Ceratium macroceros</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	0	200	100	0	0	0	0	0	0	0	100
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis cf. odiosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. chlorophorum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium sp. 1</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	100	100	0	0	100	0	0	0	0	0	100	0
<i>Heterocapsa triquetra</i>	100	0	0	0	600	0	0	100	100	100	100	100
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	100	100	300	0	0	200	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	300	300	0	100	0	0	0	0	0	0	100	200
<i>Protoperidinium claudicans</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	100	0	600	0	300	0	100	0	0	0	200	0
<i>Protoperidinium oceanicum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	300	200	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	100	100	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	100	100	200	100	100	200	100	100	0	0	100	200
<i>Protoperidinium cf. steinii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	100	0	200	0	0	0	0	0	100	200	0	300
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus horologium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	100	0	0	0	0	0	100	0	100	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	100	0	100	0	0	0	100	0	100	100	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	200	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.509.900	630.900	3.701.000	1.319.000	1.029.100	377.300	286.100	45.400	96.600	24.500	86.800	38.200
TOTAL DINOFLAGELADOS	1.300	1.300	4.300	1.500	1.500	200	700	200	700	400	800	900
TOTAL SILICOFLAGELADOS	100	0	100	0	0	0	100	0	100	100	0	0
TOTAL OTROS	200	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.511.500	632.200	3.705.400	1.0320.500	1.030.600	377.500	286.900	45.600	97.400	25.000	87.600	39.100

Anexo 52 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	19-dic-08		22-dic-08		22-dic-08		8-dic-08		8-dic-08		14-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	857.300	661.200	82.100	88.900	50.200	45.600	2.000	700	10.800	7.400	2.551.300	798.000
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Campylodiscus bicostatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	300	400	100	200	200	200	500	800	600	400	0	300
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	4.800	700
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	600
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	800	300
<i>Chaetoceros debilis</i>	150.500	111.700	22.800	20.500	5.600	1.700	1.000	0	7.800	0	95.700	41.200
<i>Chaetoceros decipiens</i>	0	300	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	600	0	0	0	0	0	0	0	0	2.000	700
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	1.200	3.200	1.000	1.200	0	600	0	0	1.200	41.000
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	500	0
<i>Chaetoceros socialis</i>	13.700	6.800	0	0	0	0	0	0	0	0	38.800	4.500
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	700	0	700	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	0	300	300	200	100	0	100	0	0	0	0
<i>Detonula pumila</i>	4.800	0	0	0	1.800	0	79.800	61.600	5.000	4.800	2.400	1.200
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	300	100	200	100	0	200	100	0	0	0	300	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	600
<i>Eucampia zodiacus</i>	118.600	86.600	79.800	68.400	27.400	0	0	4.400	2.400	0	43.300	22.800
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	47.900	4.600	16.000	6.800	13.700	800	0	0	0	0	4.600	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	700	500	0	0	0	0
<i>Leptocylindrus danicus</i>	95.800	43.300	29.600	22.800	6.800	700	31.900	7.000	1.800	1.200	25.100	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Leptocylindrus minimus</i>	13.700	11.400	27.400	22.800	0	600	0	0	0	300	4.600	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	500
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	400	0	0	400	200	0	0	200	0	1.600	500
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicruris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	600	0	0	0	0	0	500
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	100	100
<i>Pleurosigma normanii</i>	100	0	0	100	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	41.000	22.800	4.600	4.600	6.800	6.800	13.700	6.800	18.200	22.800	63.800	66.100
<i>P. cf. pseudodelicatissima</i>	84.000	45.600	38.800	36.500	11.400	9.100	20.500	6.200	20.500	22.800	48.000	45.600
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	485.600	291.800	22.800	27.400	22.800	16.000	41.000	41.000	91.700	52.400	513.000	456.000
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	2.800	0	0	0	0	0	0	0	9.100	13.700	18.200	11.400
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	2.400	0	500	300	0	0	100	0	0	0	4.600	6.800
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sunirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	4.600	2.300	1.200	400	0	0	0	0	0	100	16.000	0
<i>Thalassiosira subtilis</i>	82.100	47.900	125.400	95.800	47.900	34.200	800	2.800	6.000	1.600	54.300	31.900
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	22.800	18.200	6.800	6.800	0	400	0	300	0	61.600	57.000
<i>Thalassiosira cf. decipiens</i>	9.100	2.300	0	0	0	0	0	0	0	200	18.200	0

Anexo 52 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	19-dic-08		22-dic-08		22-dic-08		8-dic-08		8-dic-08		14-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	800	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	200	0	100	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	400	200	700	400	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium azoricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	100	300	100	100	200	100	0	200	0	100	100	300
<i>Ceratium horridum</i>	0	0	0	0	300	100	0	0	100	100	100	200
<i>Ceratium lineatum</i>	200	0	800	200	100	0	0	0	0	0	100	0
<i>Ceratium macroceros</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	100	800	100	100	0	200	100	200	400	0	0
<i>Dinophysis acuta</i>	100	0	200	0	100	0	100	100	0	100	0	0
<i>Dinophysis cf. odiosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. chlorophorum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	100	0	200	0	0	0	0	200	0
<i>Heterocapsa triquetra</i>	500	300	600	300	100	0	0	0	0	0	4.600	700
<i>Heteroschisma spp.</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	100	0	0	0	0	0	0	0	0	0	200	200
<i>Preperidinium meunieri</i>	100	0	100	100	100	0	0	0	0	100	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	200	100	600	300	800	0	100	200	500	300	500	700
<i>Protoperidinium aspidiotum</i>	500	0	0	0	0	100	0	100	0	0	1.000	0
<i>Protoperidinium claudicans</i>	0	0	800	0	0	0	0	0	0	0	100	0
<i>Protoperidinium conicum</i>	100	0	700	0	100	0	0	0	0	200	0	0
<i>Protoperidinium excentricum</i>	100	0	800	500	300	0	0	0	0	0	400	200
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	300	0	100	0	0	0	0	0	100	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium pyriforme</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	1.100	0	200	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	200	0	600	0	0	0	0	0	0	0	100	200
<i>Protoperidinium cf. obtusum</i>	300	0	700	0	100	0	0	0	0	0	400	0
<i>Protoperidinium cf. pallidum</i>	100	0	0	0	0	0	0	0	100	0	0	100
<i>Protoperidinium cf. pellucidum</i>	0	300	2.500	1.600	200	0	0	100	0	200	400	500
<i>Protoperidinium cf. steinii</i>	100	0	1.000	0	100	0	0	0	100	0	100	200
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	100	700	0	200	200	0	100	0	0	200	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus horologium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	100	100	1.000	100	100	0	0	100	100	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	100	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Dictyocha speculum</i>	0	0	0	0	100	100	0	0	100	0	0	300
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.014.700	1.362.900	471.000	406.200	203.000	118.200	193.300	132.600	175.900	127.700	3.574.900	1.588.500
TOTAL DINOFLAGELADOS	3.400	1.700	14.300	3.900	3.400	700	500	1.000	1.300	1.500	8.700	3.300
TOTAL SILICOFLAGELADOS	0	0	0	0	100	100	0	0	100	0	0	400
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2.018.100	1.364.600	485.300	410.100	206.500	119.000	193.800	133.600	177.300	129.200	3.583.600	1.592.200

Anexo 52 (continuación)

	A36 G. Enjambre		A37 I. Teresa		A38N1 I. Jesus		A39 Pto. Lampazo		A40 I. Silachilu		A41 C. Ninualac	
	15-dic-08		14-dic-08		14-dic-08		14-dic-08		14-dic-08		14-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	2.232.100	1.162.800	3.116.800	1.550.400	1.618.800	1.559.500	146.000	884.600	0	70.700	1.035.100	907.400
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Campylodiscus bicostatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	600	600	0	0	2.000	1.000	300	200	0	100	900	600
<i>Chaetoceros affinis</i>	1.400	800	2.000	1.500	600	1.000	1.200	700	7.100	2.300	10.600	2.000
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	400	600	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	300	1.200	200	600	3.200	0	0	0
<i>Chaetoceros convolutus</i>	1.400	0	0	0	0	0	300	0	0	0	400	0
<i>Chaetoceros debilis</i>	18.200	0	13.700	34.200	84.400	45.800	88.900	66.100	88.900	52.400	66.100	63.800
<i>Chaetoceros decipiens</i>	800	0	0	0	0	0	0	0	4.200	0	600	600
<i>Chaetoceros diadema</i>	400	300	700	0	1.000	600	500	0	2.600	0	3.400	0
<i>Chaetoceros didymus</i>	1.800	1.500	300	0	300	0	4.400	700	10.800	0	0	700
<i>Chaetoceros lorenzianus</i>	400	0	0	0	0	0	600	0	4.800	0	1.400	0
<i>Chaetoceros radicans</i>	9.100	11.400	25.100	22.800	4.800	0	7.200	0	16.600	9.600	50.200	57.000
<i>Chaetoceros similis</i>	1.100	0	0	0	300	300	1.500	600	0	0	2.800	0
<i>Chaetoceros socialis</i>	6.800	9.100	25.100	43.300	1.800	2.400	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Chaetoceros spp.</i>	0	0	300	0	800	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	100	100	200	100	100	600	100	100	400	0
<i>Detonula pumila</i>	0	0	22.800	4.800	0	0	0	0	4.600	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	500	200	100	200	0	100	200	0	600	100
<i>Eucampia cornuta</i>	0	0	0	300	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	27.400	22.800	18.200	11.400	20.500	22.800	20.500	22.800	0	3.400	11.400	6.800
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	6.800	11.400	31.900	6.800	4.600	6.800	18.200	1.700	34.200	4.600	36.500	22.800
<i>Gyrodinium balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	400	400	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	20.500	11.400	31.900	25.100	43.300	54.700	38.800	4.600	52.400	36.500	13.700	4.800
<i>Leptocylindrus mediterraneus</i>	0	0	4.600	0	0	0	0	100	0	31.900	0	0
<i>Leptocylindrus minimus</i>	43.300	9.100	0	4.600	6.800	11.400	9.100	2.300	41.000	0	16.000	2.800
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Navicula spp.</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	300	0	0	0	0	600	200	300	0	0	1.800	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicruris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	100	200	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	100	0	0	100	200	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	54.700	47.900	104.900	102.600	41.000	34.200	54.700	41.000	57.000	43.300	16.000	45.600
<i>P. cf. pseudodelicatissima</i>	223.400	111.700	180.100	134.500	91.200	43.300	207.500	63.800	107.200	86.600	275.900	171.000
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	485.600	456.000	294.100	296.400	285.000	285.000	321.500	342.000	321.500	362.500	214.300	228.000
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	59.300	45.600	88.900	41.000	125.400	88.900	0	93.800	86.600	45.600	123.100	45.600
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Stephanopyxis turris</i>	0	0	9.100	1.200	0	200	0	400	9.100	0	400	300
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	200	0	200	0	0	0	0	0	0
<i>Thalassiosira nitzschoides</i>	13.700	4.600	600	700	400	0	0	600	18.200	6.800	0	0
<i>Thalassiosira subtilis</i>	9.100	6.800	9.100	9.100	0	16.000	22.800	22.800	25.100	13.700	27.400	3.600
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	73.000	63.800	0	20.500	43.300	50.100	70.700	66.100	91.200	66.100	41.000	31.900
<i>Thalassiosira cf. decipiens</i>	1.200	700	6.800	0	1.200	0	2.300	0	10.200	0	0	0

Anexo 52 (continuación)

	A36 G. Enjambre		A37 I. Teresa		A38N1 I. Jesus		A39 Pto. Lampazo		A40 I. Silachilu		A41 C. Ninualac	
	15-dic-08		14-dic-08		14-dic-08		14-dic-08		14-dic-08		14-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	300	400	300	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	200	100	300	200	200	100	200	500	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Ceratium azoricum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	200	100	400	200	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	200	100	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	600	100	400	100	100	0	0	0	100	0
<i>Ceratium macroceros</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	200	0	200	0	100	200	0	0	0	0
<i>Dinophysis acuta</i>	0	0	200	100	100	0	100	100	0	0	0	0
<i>Dinophysis cf. odiosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. chlorophorum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	400	0	100	200	500	0	0	0	0	0
<i>Heterocapsa triquetra</i>	400	0	200	0	400	500	1 800	1 200	0	400	1 200	600
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	100	100	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	100	200	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	100	300	0	900	600	300	500	0	0	0	200	200
<i>Protoperidinium aspidiotum</i>	500	100	200	0	300	0	500	100	0	0	200	0
<i>Protoperidinium claudicans</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	100	0	100	0	0	0	0	0	0	0	100	100
<i>Protoperidinium excentricum</i>	0	0	100	0	100	0	0	0	0	0	400	200
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	200	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	200	0	0	0	0	100	0	0	0	0	200	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	100	0	0	0	0	0	100	100	0	100	100	100
<i>Protoperidinium cf. obtusum</i>	100	0	0	200	100	100	200	100	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	100	0	0	0	300	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	100	0	400	0	400	200	900	0	0	300	100	200
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	300	100	100	0	500	0	300	0	0	100	0	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus horologium</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	100	0	100	0	0	100	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	0	100	200	100	0	200	0	0	0	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	100	0	0	200	0	0	100	0	0	0	0	0
TOTAL DIATOMEAS	3.292.400	1.978.500	3.988.100	2.312.500	2.378.100	2.226.600	1.018.400	1.618.000	996.900	836.200	1.950.800	1.595.800
TOTAL DINOFLAGELADOS	2.300	700	3.300	2.200	4.300	2.200	5.500	2.800	0	900	2.600	1.400
TOTAL SILICOFLAGELADOS	0	100	200	100	0	200	0	0	0	0	100	0
TOTAL OTROS	100	0	0	200	0	0	100	0	0	0	0	0
TOTAL	3.294.800	1.979.300	3.991.600	2.315.000	2.382.400	2.229.000	1.024.000	1.620.800	996.900	837.100	1.953.500	1.597.200

Anexo 52 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churrecue		A47 I. Castillo	
	22-dic-08		28-dic-08		28-dic-08		22-dic-08		22-dic-08		28-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	132.200	91.200	2.533.100	871.000	2.863.700	1.409.000	435.500	248.500	403.600	478.800	2.257.200	1.135.400
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Campylodiscus bicostatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	100	200	0	0
<i>Chaetoceros affinis</i>	2.200	1.200	1.400	0	0	0	0	3.400	800	600	900	0
<i>Chaetoceros compressus</i>	0	0	0	1.000	2.000	700	0	0	0	0	0	1.000
<i>Chaetoceros constrictus</i>	0	0	2.400	0	0	2.700	1.100	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	500	600	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	77.500	41.000	556.300	111.700	637.100	234.800	7.800	4.800	34.200	41.000	221.200	278.200
<i>Chaetoceros decipiens</i>	400	0	1.500	0	500	600	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	2.100	2.600	4.200	2.700	600	0	300	0	0	0
<i>Chaetoceros didymus</i>	600	0	1.500	0	1.300	400	400	3.000	700	0	1.500	700
<i>Chaetoceros lorentzianus</i>	0	0	1.300	0	2.200	0	0	0	0	0	200	1.300
<i>Chaetoceros radicans</i>	27.400	22.800	41.000	4.600	175.600	4.000	0	2.200	18.200	0	38.800	11.400
<i>Chaetoceros similis</i>	400	0	400	100	0	300	1.000	600	800	0	0	200
<i>Chaetoceros socialis</i>	2.000	11.400	36.400	4.600	187.000	111.700	0	0	0	0	18.200	45.600
<i>Chaetoceros teres</i>	0	300	0	0	700	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	2.200	1.200	0	0	0	0	1.000	0
<i>Chaetoceros spp.</i>	200	100	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	100	0	100
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	300	200	500	500	100	100	200	100	100	200	100
<i>Detonula pumila</i>	0	0	0	1.200	0	1.200	0	0	600	600	114.000	400
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	300	0	600	200	800	0	400	0	200	200	400	300
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	45.600	34.200	337.400	228.000	75.200	66.100	2.300	0	262.200	91.200
<i>Grammatophora marina</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	9.100	0	0	9.100	300	800	0	800	600	200	100
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	13.700	11.400	34.200	6.800	100.300	2.300	11.400	6.800	2.300	1.700	82.100	800
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Leptocylindrus minimus</i>	4.600	6.800	1.200	0	18.200	1.600	0	0	2.300	1.600	22.800	2.300
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	2.200	0	7.000	1.400	5.200	9.200	0	0	500	0	500	5.200
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicruris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	600	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscía alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	45.600	52.400	16.000	4.100	47.900	4.600	16.000	0	16.000	6.800	207.500	4.600
<i>P. cf. pseudodelicatissima</i>	36.500	47.800	143.600	4.100	244.000	25.100	27.400	0	6.800	10.000	118.600	9.100
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	93.500	77.500	34.200	16.000	43.300	27.400	152.800	111.700	118.600	0	73.000	25.100
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	34.200	22.800	1.200	0	18.200	800	9.100	0	0	22.800	4.400	0
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	1.100	700	75.200	4.600	9.100	6.800	13.700	0	2.200	500	59.300	11.400
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	100	100	0	0	0	0	0	0	0	0	0
<i>Thalassiosira nitzschoides</i>	0	600	75.200	6.800	6.800	2.400	600	0	6.800	400	59.300	200
<i>Thalassiosira subtilis</i>	38.800	25.100	63.800	36.500	88.900	27.400	16.000	0	11.400	0	102.600	22.800
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	22.800	11.400	31.900	6.800	22.800	20.500	29.600	0	0	25.100	41.000	9.100
<i>Thalassiosira cf. decipiens</i>	800	0	11.400	1.100	200	200	0	0	800	0	4.600	0

Anexo 52 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churrecue		A47 I. Castillo	
	22-dic-08		28-dic-08		28-dic-08		22-dic-08		22-dic-08		28-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	100	0	0	0	0	0	200	0
<i>Thalassiosira cf. punctigera</i>	0	0	200	0	0	0	0	0	0	200	0	0
<i>Thalassiosira cf. rotula</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	100	0	300	0	0	0	300	200	600	0
<i>Alexandrium ostenfeldii</i>	0	0	100	0	300	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium azoricum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	200	300	100	0	300	0	0	0	100	0	100	0
<i>Ceratium horridum</i>	0	100	100	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium macroceros</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	100	0	0	0	100	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	100	200	0	100	0	0	0	0	0	200	0
<i>Dinophysis acuta</i>	200	0	100	0	200	0	0	0	0	0	100	0
<i>Dinophysis cf. odiosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium cf. chlorophorum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	100	0	200	0	100	0	100	100	300	0
<i>Heterocapsa triquetra</i>	1 000	300	500	0	1 000	100	0	0	400	0	0	100
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	100	200	0	0	0	0	0	0	0	0	0	100
<i>Preperidinium meunieri</i>	100	100	100	100	200	100	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	200	0	100	0	200	0	0	0	0	0	200	0
<i>Protoperdinium aspidiotum</i>	800	0	200	100	0	0	100	0	200	100	400	0
<i>Protoperdinium claudicans</i>	0	0	0	100	200	0	0	0	0	0	0	0
<i>Protoperdinium conicum</i>	100	300	0	0	300	0	0	0	0	0	0	0
<i>Protoperdinium excentricum</i>	600	0	100	0	300	0	100	0	200	100	100	0
<i>Protoperdinium oceanicum</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium punctulatum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pyriforme</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperdinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. grani</i>	200	0	0	0	400	0	0	0	0	0	0	0
<i>Protoperdinium cf. leonis</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. oblongum</i>	200	100	0	0	100	0	0	0	0	0	100	0
<i>Protoperdinium cf. obtusum</i>	700	0	0	0	0	0	200	0	400	0	0	0
<i>Protoperdinium cf. pallidum</i>	0	0	0	0	100	0	0	0	0	0	100	0
<i>Protoperdinium cf. pellucidum</i>	1 400	0	0	100	800	0	100	0	0	0	300	0
<i>Protoperdinium cf. steinii</i>	200	100	100	0	100	100	0	0	0	0	100	0
<i>Protoperdinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperdinium spp.</i>	200	0	0	0	400	100	100	0	0	200	0	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus horologium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	300	0	0	0	100	0	200	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	100	200	0	200	100	0	0	0	0	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	100	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	537.200	434.600	3.720.500	1.119.900	4.829.400	2.126.000	799.500	447.300	630.600	591.500	3.692.100	1.656.600
TOTAL DINOFLAGELADOS	7.000	1.700	2.100	400	5.900	500	900	0	1.800	700	3.100	200
TOTAL SILICOFLAGELADOS	100	200	0	200	100	0	0	0	0	0	100	0
TOTAL OTROS	100	0	0	0	0	0	0	0	0	0	0	0
TOTAL	544.400	436.500	3.722.600	1.120.500	4.835.400	2.126.500	800.400	447.300	632.400	592.200	3.695.300	1.656.800

Anexo 52 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	28-dic-08		28-dic-08		29-dic-08		28-dic-08		29-dic-08		29-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	200	0	0	0	0	0	100	0	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	447.000	68.400	3.616.100	855.000	412.700	362.500	886.900	472.000	3.600	9.600	24.600	11.400
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Campylodiscus bicostatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	300	200	0	0	0	200	0	0	0	0	0	100
<i>Chaetoceros affinis</i>	0	0	3.800	0	500	300	0	0	0	0	2.600	600
<i>Chaetoceros compressus</i>	0	0	2.100	700	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	600	0	600	0	0	0	0	1.000	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	446.900	47.900	921.100	342.000	2.900	54.700	136.800	88.900	4.600	3.600	225.700	45.600
<i>Chaetoceros decipiens</i>	0	0	1.700	0	0	0	0	0	0	0	1.800	0
<i>Chaetoceros diadema</i>	0	0	1.800	600	900	700	500	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	1.800	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	3.000	1.500	0	0	400	0	0	0	1.600	0
<i>Chaetoceros radicans</i>	22.800	1.700	132.200	66.100	1.500	600	5.300	3.700	0	0	6.400	0
<i>Chaetoceros similis</i>	0	0	0	0	300	0	0	0	0	100	400	400
<i>Chaetoceros socialis</i>	164.200	100.300	0	36.100	0	0	86.600	61.600	0	3.800	8.200	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	3.600	0	0	0	0	0	0	0	1.000	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	600	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	0	0	100	200	0	0	600	100	0	0	200
<i>Detonula pumila</i>	1.200	700	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	100	100	0	0	400	300	0	0	0	0	0	200
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	1.388.500	535.800	198.400	102.600	9.100	0	166.400	102.600	8.600	19.000	280.400	63.800
<i>Grammatophora marina</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	36.500	25.100	0	0	0	0	0	0	100	600	1.600	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	18.200	18.200	34.200	22.800	9.100	11.400	29.600	16.000	1.200	0	24.600	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	41.000	0	0	11.400	50.200	43.300	0	0	1.600	0	1.500	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	900	300	10.400	4.800	0	0	3.600	0	0	700	6.600	200
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicruris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscía alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	16.000	300	68.400	25.100	16.000	13.700	34.300	22.800	200	3.000	20.500	4.600
<i>P. cf. pseudodelicatissima</i>	36.500	34.200	152.800	41.000	31.900	22.800	68.400	59.300	0	0	20.500	6.800
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	6.800	0	0	0	11.400	22.800	18.200	11.400	0	1.200	16.000	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	400	2.200	0	6.800	600	0	0	0	0	9.100	0
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	9.100	400	0	0	27.400	300	4.600	2.600	3.200	2.000	16.000	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira nitzschoides</i>	29.600	0	9.100	0	34.200	11.400	1.100	600	1.600	800	1.400	0
<i>Thalassiosira subtilis</i>	544.400	148.200	180.100	22.800	0	0	54.700	43.300	2.400	0	0	2.800
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	29.600	4.100	0	0	9.100	0	34.200	22.800	2.200	7.600	20.500	0
<i>Thalassiosira cf. decipiens</i>	4.600	13.700	0	300	9.100	9.100	0	0	0	600	47.900	200

Anexo 52 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	28-dic-08		28-dic-08		29-dic-08		28-dic-08		29-dic-08		29-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	200	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	900	0	500	200	0	0	0	0	0	0	1 000	300
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium azoricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	1 000	200	300	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	200	0	100	100	0	0	0	0	100	0
<i>Ceratium lineatum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Ceratium macroceros</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	300	100	100	100	100	300	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	100	100	0	0	0	0
<i>Dinophysis cf. odiosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Gymnodinium cf. chlorophorum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	100	100	200	0	0	300	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	100	200	200	200	0	0	200	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	500	200	0	0	0	0	100	100	0	100	0	200
<i>Preperidinium meunieri</i>	0	0	0	0	100	100	0	0	200	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	200	0	300	0	0	0	0	0	200	100	0	0
<i>Protoperidinium aspidiotum</i>	0	0	300	200	100	100	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium conicum</i>	0	0	100	0	0	0	0	0	100	0	0	0
<i>Protoperidinium excentricum</i>	100	0	400	0	0	0	400	100	0	0	200	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	100	0	400	100	0	0	200	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	100	0	300	300	300	0	0	0	100	0	0	200
<i>Protoperidinium cf. steinii</i>	0	100	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	100	100	0	100	0	0	200	0	0	0	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus horologium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	100	100
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	100	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	0	0	100	100	100	0	100	100	0	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	3.244.400	1.000.000	5.342.800	1.533.800	633.900	555.600	1.532.200	908.200	29.400	52.700	739.900	136.900
TOTAL DINOFLAGELADOS	3.300	800	3.600	1.200	1.000	1.100	900	500	800	300	1.600	800
TOTAL SILICOFLAGELADOS	0	0	100	100	100	0	100	100	0	0	100	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3.247.700	1.000.800	5.346.500	1.535.100	635.000	556.700	1.533.200	908.800	30.200	53.000	741.600	137.700

Anexo 52 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia	
	29-dic-08		1-dic-08		1-dic-08		1-dic-08		1-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS										
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	100	0	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	27.400	22.800	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0
<i>Campylodiscus bicosatus</i>	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	1.400	2.300	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	800	0	0	200	3.500	2.700	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	300	600	0	0	400	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	75.200	68.400	0	0	0	700	0	600	0	0
<i>Chaetoceros decipiens</i>	700	0	300	0	2.100	600	1.300	2.600	600	0
<i>Chaetoceros diadema</i>	0	0	0	0	400	0	1.600	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	600	300	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	34.200	34.200	600	0	2.100	400	2.000	1.100	500	0
<i>Chaetoceros similis</i>	0	0	0	0	1.500	1.100	1.500	1.000	0	0
<i>Chaetoceros socialis</i>	0	52.400	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	1.000	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	400	0	500	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	300	400	0	700	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	600	0	400	400	400	400	100	100
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	100	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	100	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	100	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	100	100	200	100	100	200	100	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	200	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	205.200	223.400	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	100	0	100	0	0	0	0	0	0
<i>Guinardia delicatula</i>	700	100	2.000	200	29.600	22.800	12.400	9.100	200	800
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	700	0	6.800	600	164.200	182.400	116.300	157.300	0	600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	100	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	200	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	1.100	100	100	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicrus</i>	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gausii</i>	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	100	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0
<i>Proboscía alata</i>	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	200	1.200	400	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	400	0	11.400	2.400	2.800	0	300	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	9.100	11.400	3.400	1.500	900	200	200	900	0	200
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	400	0	399.000	70.700	1.817.200	1.596.000	859.600	1.299.600	120.800	91.200
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	400	400	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	100	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	200	0	0	0	200	0
<i>Thalassiosira subtilis</i>	11.400	13.700	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	16.000	11.400	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	400	700	0	0	0	0	0	0	0	0

Anexo 52 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia	
	29-dic-08		1-dic-08		1-dic-08		1-dic-08		1-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	200	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	100	400	0	0	0	100	0	100
DINOFLAGELADOS										
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium azoricum</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	100	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	200	100	0	0	0
<i>Ceratium macroceros</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	100	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	200	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis cf. odiosa</i>	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	200	0	0	0	0
<i>Gymnodinium cf. chlorophorum</i>	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	100	0	0	0	300	0	0	0	0
<i>Heterocapsa triquetra</i>	500	0	0	0	0	0	0	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	100	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	100	0	0	0	0	0
<i>Procerentrum micans</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	200	100	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	100	200	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	100	300	0	100	100	100	300	0	0	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus horologium</i>	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	200	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	100	100	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS										
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	100	100	0	0	0	0	100	100	0	0
ZOOMASTIGOFOROS										
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	384.600	441.700	414.500	73.700	2.032.700	1.809.900	1.003.200	1.475.600	123.800	93.000
TOTAL DINOFLAGELADOS	1.100	1.000	100	100	400	800	600	100	0	100
TOTAL SILICOFLAGELADOS	100	100	0	0	0	0	100	100	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0
TOTAL	385.800	442.800	414.600	73.800	2.033.100	1.810.700	1.003.900	1.475.800	123.800	93.100

Anexo 52 (continuación)

	A59 I. Zealous 1-dic-08		A60 Pta. Baker 2-dic-08	
	0-10m	10-20m	0-10m	10-20m
DIATOMEAS				
<i>Actinocyclus curvatus</i>	0	0	0	0
<i>Actinocyclus senarius</i>	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	1 300
<i>Campylodiscus bicosatus</i>	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	400
<i>Chaetoceros didymus</i>	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	400	0
<i>Chaetoceros spp.</i>	0	0	0	0
<i>Cocconeis spp.</i>	0	0	100	0
<i>Corethron pennatum</i>	100	0	0	100
<i>Coscinodiscus granii</i>	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	300
<i>Detonula pumila</i>	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	100
<i>Diploneis cf. crabro</i>	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0
<i>Grammatophora marina</i>	1.700	1.100	400	0
<i>Guinardia delicatula</i>	2.400	0	3.600	2.800
<i>Gyrosigma balticum</i>	0	0	0	700
<i>Gyrosigma fasciola</i>	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0
<i>Leptocylindrus minimus</i>	6.800	6.800	88.900	16.000
<i>Limnophora abbreviata</i>	0	100	0	0
<i>Melosira nummuloides</i>	0	0	0	0
<i>Melosira varians</i>	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0
<i>Navicula spp.</i>	0	0	0	100
<i>Nitzschia longissima</i>	0	0	0	0
<i>Nitzschia spp.</i>	0	0	100	300
<i>Odontella aurita</i>	0	0	0	0
<i>Odontella longicruris</i>	0	0	0	0
<i>Paralia sulcata</i>	0	0	700	0
<i>Plagiotropis gaussii</i>	0	0	0	300
<i>Pleurosigma directum</i>	100	0	0	100
<i>Pleurosigma normanii</i>	0	0	0	200
<i>Proboscía alata</i>	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	400	0	0	200
<i>P. cf. pseudodelicatissima</i>	0	0	0	200
<i>Rhabdonema arcuatum</i>	0	100	0	0
<i>Rhabdonema minutum</i>	0	0	0	600
<i>Rhizosolenia hebetata</i>	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0
<i>Rhizosolenia setigera</i>	100	0	0	600
<i>Rhizosolenia styliformis</i>	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0
<i>Skeletonema costatum</i>	275.900	47.900	107.200	661.200
<i>Stephanopyxis palmeriana</i>	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0
<i>Surirella fastuosa</i>	0	0	100	100
<i>Synedropsis spp.</i>	200	0	100	200
<i>Thalassionema nitzschoides</i>	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0

Anexo 52 (continuación)

	A59 I. Zealous 1-dic-08		A60 Pta. Baker 2-dic-08	
	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. delicatula</i>	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	100	0
<i>Diatomeas pennadas indet.</i>	100	100	100	2.000
DINOFLAGELADOS				
<i>Alexandrium catenella</i>	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0
<i>Ceratium azoricum</i>	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0
<i>Ceratium lineatum</i>	0	0	100	0
<i>Ceratium macroceros</i>	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0
<i>Dinophysis cf. odiosa</i>	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0
<i>Gymnodinium cf. chlorophorum</i>	0	0	0	0
<i>Gymnodinium sp. 1</i>	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	200	0
<i>Heterocapsa triquetra</i>	0	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0
<i>Protoperdinium aspidiotum</i>	0	0	0	0
<i>Protoperdinium claudicans</i>	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0
<i>Protoperdinium excentricum</i>	0	0	0	0
<i>Protoperdinium oceanicum</i>	0	0	0	0
<i>Protoperdinium pentagonum</i>	0	0	0	0
<i>Protoperdinium punctulatum</i>	0	0	0	0
<i>Protoperdinium pyriforme</i>	0	0	0	0
<i>Protoperdinium cf. conicoides</i>	0	0	0	0
<i>Protoperdinium cf. depressum</i>	0	0	0	0
<i>Protoperdinium cf. grani</i>	0	0	0	0
<i>Protoperdinium cf. leonis</i>	0	0	0	0
<i>Protoperdinium cf. oblongum</i>	0	0	0	0
<i>Protoperdinium cf. obtusum</i>	0	0	0	0
<i>Protoperdinium cf. pallidum</i>	0	0	0	0
<i>Protoperdinium cf. pellucidum</i>	0	0	0	0
<i>Protoperdinium cf. steinii</i>	0	0	0	0
<i>Protoperdinium cf. thorianum</i>	0	0	0	0
<i>Protoperdinium cf. thulesense</i>	0	0	0	0
<i>Protoperdinium cf. tristylum</i>	0	0	0	0
<i>Protoperdinium spp.</i>	0	0	0	0
<i>Ptychodiscus lunula</i>	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0
<i>Pyrocystis spp.</i>	0	0	0	0
<i>Pyrophacus horologium</i>	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	200	0
<i>Scrippsiella sp. 1</i>	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0
SILICOFAGELADOS				
<i>Dictyocha fibula</i>	0	0	0	0
<i>Dictyocha speculum</i>	100	0	200	500
ZOOMASTIGOFOROS				
<i>Ebria tripartita</i>	0	0	0	0
TOTAL DIATOMEAS	287.800	56.100	201.800	687.800
TOTAL DINOFLAGELADOS	0	0	500	0
TOTAL SILICOFAGELADOS	100	0	200	500
TOTAL OTROS	0	0	0	0
TOTAL	287.900	56.100	202.500	688.300

Anexo 53
Densidad de fitoplancton (cél·L⁻¹) en la región de Aysén.
Crucero 2 (28 enero - 8 marzo 2009).

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	8-feb-09		8-feb-09		8-feb-09		10-feb-09		10-feb-09		9-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m		0-10m	10-20m	0-10m	10-20m	0-10m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	200	200	300	0	0	100	2 300	1 200	4 600	6 800
<i>Chaetoceros affinis</i>	0	0	31 900	66 100	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	18 200	0	300	0	0	0	0	0	1 600	1 200
<i>Chaetoceros constrictus</i>	0	0	1 000	500	0	500	0	0	0	0	1 800	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	4 600	0	1 100	1 000	500	0	2 200	2 200	10 200	600
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	400	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	2 400	0
<i>Chaetoceros teres</i>	0	0	0	300	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 2	0	0	700	0	0	0	0	0	0	0	3 200	0
<i>Chaetoceros</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis</i> spp.	0	0	0	100	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Detonula pumila</i>	0	0	1 100	600	22 800	9 100	400	0	11 400	11 400	43 300	43 300
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	1 400	0	697 700	1 468 300	1 434 100	1 270 000	4 400	5 600	1 151 400	814 000	305 500	364 400
<i>Grammatophora marina</i>	100	0	0	0	0	0	0	0	0	100	0	0
<i>Guinardia delicatula</i>	0	0	1 600	0	100	700	0	200	0	0	25 100	16 000
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	200	0	0	0	0	400	0
<i>Leptocylindrus danicus</i>	0	0	11 200	253 100	0	1 600	0	0	6 800	0	0	0
<i>Leptocylindrus minimus</i>	0	0	11 400	0	400	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia</i> spp.	0	0	0	0	0	0	0	0	0	200	500	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscía alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	400	100	0	0	0	0	0	0	2 000	0
<i>P. cf. pseudodelicatissima</i>	0	0	400	0	0	0	0	0	0	0	400	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	300	0	0	0	0	0	100	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 53 (continuación)

	A01 I. Virginia-B. Low 8-feb-09		A02 Repollal-C. Puquitrín 8-feb-09		A03 Pto. Barrientos 8-feb-09		A04 I. Julia-G. Peligroso 10-feb-09		A05 I. Ovalada 10-feb-09		A05N1 I. Valverde 9-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira subtilis</i>	0	0	0	0	0	400	0	0	0	0	1 800	800
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	400	0	0	100	0	700	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	100	0	0	0	0	0	0	0	0	200	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	21 200	8 600	0	0	200	400	200	100
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	100	200	400	0	0	200	300	100	100
<i>Ceratium hirundinella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	600	100	0	0	0	0	100	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	600	300	0	0	200	200	200	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	100	200	300	400	0	0	100	0	100	100
<i>Heterocapsa triquetra</i>	0	0	0	0	600	100	0	0	0	100	0	0
<i>Polykrikos spp.</i>	0	0	100	0	100	0	0	0	0	0	100	0
<i>Preperidinium meunieri</i>	0	0	0	0	100	300	0	0	100	0	0	0
<i>Prorocentrum cf. balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	100	0	100	9 200	4 200	0	0	600	600	0	200
<i>Protoperidinium aspidiotum</i>	0	0	400	500	0	0	0	0	0	100	0	100
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	100	0	0	0	0	0	100	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	200	0	0	100	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	100	0	0	0	100	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	100	0	100	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.500	100	780.700	1.789.300	1.459.400	1.284.200	5.300	6.000	1.174.400	829.600	403.800	433.100
TOTAL DINOFLAGELADOS	0	100	600	1.100	33.200	14.900	0	0	1.600	1.900	800	600
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.500	200	781.300	1.790.400	1.492.600	1.299.100	5.300	6.000	1.176.000	831.500	404.600	433.700

Anexo 53 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	5-mar-09		5-mar-09		5-mar-09		6-mar-09		5-mar-09		6-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	100	0	0	0	0	0	0	0	200	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	200	300	0	0	900	1 200
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploleis didyma</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	200	0	1 800	0	0	0	0	0	7 600	3 900	300	0
<i>Grammatophora marina</i>	0	0	0	0	0	700	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	300	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	11 600	800	58 600	1 200	75 200	2 300	2 200	3 300	3 700	300	200	3 700
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	1 500	600	500	0	100	0

Anexo 53 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	5-mar-09		5-mar-09		5-mar-09		6-mar-09		5-mar-09		6-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	400	300
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	2 000	3 500	0	0	6 500	700
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium hirundinella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	100	0	0	0	0	0	100	0	900	0	100	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	200	100	100	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	100	0	0	100	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	200	0	0	0	100	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	11.900	1.000	60.400	1.500	75.500	3.000	4.100	4.200	12.000	4.500	2.300	5.200
TOTAL DINOFLAGELADOS	300	0	0	0	100	0	2.100	3.600	1.200	100	6.800	700
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	12.200	1.000	60.400	1.500	75.600	3.000	6.200	7.800	13.200	4.600	9.100	5.900

Anexo 53 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	6-mar-09		4-mar-09		4-mar-09		4-mar-09		3-mar-09		4-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	1 900	0	0	0	700	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	400	400	0	0	0	0	0	0	400	400	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	600	400	100
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	600	1 900	0	1 000	0	1 000	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	100	0	100	0	100
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	20 500	0	0	0	0	0	0	0	400	0
<i>P. cf. pseudodelicatissima</i>	0	0	25 100	0	0	0	400	0	300	0	1 800	1 400
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Skeletonema costatum</i>	400	300	1 477 400	294 100	239 400	800	476 500	2 500	111 700	600	579 100	155 000
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	300	0	0	0	500	200	200

Anexo 53 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	6-mar-09		4-mar-09		4-mar-09		4-mar-09		3-mar-09		4-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira subtilis</i>	0	0	0	600	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	2 000	0	200	200	700	0	0	0	1 400	100	300	400
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium hirundinella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	800	0	0	0	300	0	100	0	200	100
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	100	0	0	0	0	0	0	0	200	100
<i>Heterocapsa triquetra</i>	0	0	200	100	100	0	200	0	1 600	0	1 800	100
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Prorocentrum cf. balticum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoceratium reticulatum</i>	100	0	2 800	300	500	0	600	0	1 600	0	2 600	3 000
<i>Protoperidinium aspidiotum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	10 200	600	1 200	100	1 900	100	4 000	400	4 000	11 000
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	200	200	100	0	200	0	0	0	300	0
<i>Protoperidinium spp.</i>	0	0	0	0	100	0	0	0	0	0	400	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	100	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	300	100	100	0	100	0	0	0	0	100
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	900	700	1.524.900	294.700	240.100	3.000	478.100	3.700	112.500	3.200	582.500	156.800
TOTAL DINOFLAGELADOS	2.100	0	14.800	1.400	2.700	100	3.200	100	8.900	500	10.000	14.700
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	300	100	100	0	100	0	0	0	0	100
TOTAL	3.000	700	1.540.000	296.200	242.900	3.100	481.400	3.800	121.400	3.700	592.500	171.600

Anexo 53 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	6-mar-09		3-mar-09		2-mar-09		2-mar-09		2-mar-09		2-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	200	0	200	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	500	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	200	0	0	100	0	0	0	0	100	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	400	0	0	100	0	100	100	400	100	400	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploleis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	300	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	900	0	0	600	100	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	100	0	100	100	0	200	400	0	200	100	300	100
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	200	0	1 800	0	0	0	0	0	0	0	400	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	500	700	0	0	0	0	200	0	100	0	400	0
<i>Skeletonema costatum</i>	187 000	282 700	73 000	1 000	2 000	0	3 400	0	3 600	600	400	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	16 000	9 100	0	0	100	0	1 400	0	4 400	600	22 800	2 600

Anexo 53 (continuación)

	A18 Pta. Cálqueman 6-mar-09		A19 S. Magdalena 3-mar-09		A20 Faro Marta-C. Puyuhapi 2-mar-09		A21 Pto. Amparo 2-mar-09		A22 I. Sn. Andrés 2-mar-09		A23 I. Orestes 2-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira subtilis</i>	0	2 000	0	0	0	0	0	0	400	0	400	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	200	0	100	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	456 000	529 000	1 800	0	0	800	20 000	2 200	30 600	387 600	250 800	8 600
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Ceratium hirundinella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	100	200	0	100	0	0	0	200	100	100	0
<i>Dinophysis acuta</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	100	100	0	0	0	0	200	0	100	200	200	100
<i>Heterocapsa triquetra</i>	0	0	600	0	100	0	0	100	100	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	100	300
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Prorocentrum cf. balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	1 200	1 200	0	0	200	0	100	0	200	1 000	1 400	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	26 000	600	1 800	600	500	100	100	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	700	0	0	0	100	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	100	0	0	0	100	0	0	0	100	0	0
<i>Pyrophacus steinii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	200	0	500	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	200	0	0
TOTAL DIATOMEAS	204.400	295.100	75.200	1.100	2.500	1.400	5.500	100	10.000	1.600	25.200	2.700
TOTAL DINOFLAGELADOS	457.300	530.600	29.400	600	2.200	1.500	20.900	2.400	31.400	389.000	252.900	9.000
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	200	0	500	0	0	0	0	200	0	0
TOTAL	661.700	825.700	104.800	1.700	5.200	2.900	26.400	2.500	41.400	390.800	278.100	11.700

Anexo 53 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quitralko		A28 Pta. Lynch		A29 Pto. Bonito	
	26-feb-09		26-feb-09		28-feb-09		1-mar-09		1-mar-09		1-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	500	0	0	100	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	600	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	900	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	600	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	300	0	0	100	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	900	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	900	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	500	0	0	0	400	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	500	500	1.300	300	400	700	200	100	100	100
<i>Detonula pumila</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Diploleis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	700	0	500	100	0	0
<i>Eucampia zodiacus</i>	300	0	800	100	12.600	1.600	0	0	0	0	2.500	300
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	800	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	500	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	400	0	300	100	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	200	0	700	0	0	200	400	0	0	2.600	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	0	300	0	400	200	0	0	100	200	0	0
<i>Skeletonema costatum</i>	0	0	0	0	2.400	200	122.000	41.600	15.000	20.000	13.800	5.800
<i>Stephanopyxis turris</i>	0	200	200	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	17.800	500	43.300	11.000	22.800	16.000	5.700	12.800	27.400	3.200	4.800	2.200

Anexo 53 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quitralko		A28 Pta. Lynch		A29 Pto. Bonito	
	26-feb-09		26-feb-09		28-feb-09		1-mar-09		1-mar-09		1-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira subtilis</i>	0	0	800	0	1.800	800	12.200	1.600	1.500	1.800	400	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	6.600	400	31.900	1.400	63.800	27.400	37.200	12.000	132.200	8.200	19.600	18.600
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	100	0	100
<i>Ceratium fusus</i>	500	0	0	0	100	0	500	100	600	400	0	100
<i>Ceratium hirundinella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	100	0	0	0	100	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	300	100	100	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	300	100	100	0	0	0	0	0	700	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	200	0	100	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	100	200	0	100	100	200	100	100	100
<i>Heterocapsa triquetra</i>	0	0	0	0	700	0	0	0	300	0	100	0
<i>Polykrikos spp.</i>	0	0	0	0	400	0	100	0	100	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	300	0	0	0
<i>Prorocentrum cf. balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	700	0	2.200	1.400	2.000	100	7.800	1.800	2.200	2.000
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	100	0	0	100	0	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	100	0	100	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	100	0	100	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	100	100	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	18.300	900	46.900	12.400	43.400	19.200	145.000	57.800	45.500	25.600	24.600	8.400
TOTAL DINOFLAGELADOS	7.400	500	32.900	1.500	67.900	29.000	40.600	12.500	142.800	10.700	22.100	20.900
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	100
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	25.700	1.400	79.800	13.900	111.300	48.200	185.600	70.300	188.300	36.300	46.700	29.400

Anexo 53 (continuación)

	A30 I. Julián 2-mar-09		A31 Is. Huichas 2-mar-09		A32 I. Vergara 2-mar-09		A33 I. Concoto 9-feb-09		A34 I. García 9-feb-09		A35 I. Sierra 7-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	100	0	0	0	0	0	100
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	600	11.400	2.300	500	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	11.400	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	4.200	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	3.200	3.000	0	2.200	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	1.000	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	700	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	100	0	0	0	0	100	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	1.300	400	600	400	500	600	0	0	0	0	500	600
<i>Detonula pumila</i>	0	0	0	0	0	0	13.700	18.200	22.800	13.700	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	200	0	300	0	100	0	100	0	0	0	100	100
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	925.700	1.130.900	259.900	193.800	0	300
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Guinardia delicatula</i>	0	0	200	0	0	0	200	300	400	1.400	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	700	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	6.800	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	300
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	400	200	400	100	500	200	0	0	0	0	300	1.300
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Proboscia alata</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	600	0	400	0	400	500	100	0	200	0	800	900
<i>Skeletonema costatum</i>	3.200	0	1.400	0	5.400	3.600	0	0	0	0	3.600	800
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	6.800	31.900	13.700	16.000	25.100	73.000	0	0	0	0	34.200	18.200

Anexo 53 (continuación)

	A30 I. Julián 2-mar-09		A31 Is. Huichas 2-mar-09		A32 I. Vergara 2-mar-09		A33 I. Concoto 9-feb-09		A34 I. García 9-feb-09		A35 I. Sierra 7-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira subtilis</i>	3.600	300	3.200	1.400	800	1.600	0	0	600	400	400	2.600
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	500	0	0	0	0	400	0	100	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	305.500	22.800	301.000	6.000	396.700	104.900	0	0	0	0	364.800	351.100
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	100	0	0	0	100	100	0	100	0	0
<i>Ceratium hirundinella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	100	200	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	500	0	200	0	0	100	0	0	0	0	100	0
<i>Dinophysis acuta</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	200	100	100	0	0	300	200	0	0	0	300	100
<i>Heterocapsa triquetra</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	100	0	100	0	100	0	0	800	1.400
<i>Preperidinium meunieri</i>	300	0	300	0	100	0	0	0	0	0	0	100
<i>Prorocentrum cf. balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	2.600	0	3.000	200	7.000	2.600	800	0	0	100	1.000	1.000
<i>Protoperidinium aspidiotum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	100	0	0	0	0	100	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	200	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	100	100	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	100	0	100	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	16.800	32.900	20.500	17.900	33.000	80.100	944.600	1.174.900	298.500	212.800	40.500	25.200
TOTAL DINOFLAGELADOS	309.500	22.900	304.900	6.300	404.100	108.500	1.200	200	0	200	367.100	353.700
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	100	0	100	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	326.300	55.800	325.400	24.200	437.100	188.600	945.900	1.175.100	298.600	213.000	407.600	378.900

Anexo 53 (continuación)

	A36 G. Enjambre 7-mar-09		A37 I. Teresa 7-mar-09		A38N1 I. Jesus 7-mar-09		A39 Pto. Lampazo 8-mar-09		A40 I. Silachilu 8-mar-09		A41 C. Ninualac 7-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	200	100	0	0	0	0	100	200	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	200	500	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	1.500	0	0	800	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	600	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	600	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	100	100	0	0	0	100	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Cylindrotheca closterium</i>	200	100	400	600	1.600	300	800	600	300	600	500	400
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploleis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Ditylum brightwellii</i>	0	100	200	100	0	100	0	100	0	0	300	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	400	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	700	600	400	700	100	0	200	100	300	300	1.200	400
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	100	0	100	0	0	0	0	0
<i>Rhizosolenia setigera</i>	800	400	1.300	1.200	1.300	1.000	0	400	300	500	300	200
<i>Skeletonema costatum</i>	1.000	600	13.000	10.800	3.200	0	0	0	1.400	3.300	6.700	6.200
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	68.400	31.200	38.800	45.600	38.800	22.800	84.400	63.800	36.500	59.300	54.700	26.200

Anexo 53 (continuación)

	A36 G. Enjambre 7-mar-09		A37 I. Teresa 7-mar-09		A38N1 I. Jesus 7-mar-09		A39 Pto. Lampazo 8-mar-09		A40 I. Silachilu 8-mar-09		A41 C. Ninualac 7-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira subtilis</i>	2.600	800	400	10.000	3.800	200	700	2.000	1.600	800	4.100	400
<i>Thalassiosira cf. anguste-lineata</i>	0	400	0	0	0	0	0	0	100	100	0	0
<i>Thalassiosira cf. decipiens</i>	300	0	100	400	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	200	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	291.800	1.400	396.700	362.500	305.500	104.900	346.600	159.600	191.500	152.800	218.900	29.600
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	100	0	0	100	300	0	0	0	0	0	100	0
<i>Ceratium hirundinella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	100	0	600	200	200	0	100	0	0	0	0	100
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	200	900	1.700	1.100	1.000	600	300	600	1.800	600	300	300
<i>Preperidinium meunieri</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	300	0	1.200	400	400	100	400	100	600	1.000	800	600
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	100	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	74.200	34.200	54.600	71.200	49.600	24.400	87.100	67.000	41.800	66.100	68.000	33.900
TOTAL DINOFLAGELADOS	292.600	2.400	400.500	364.300	307.700	105.600	347.400	160.400	194.100	154.400	220.100	30.600
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	366.800	36.600	455.100	435.500	357.300	130.000	434.500	227.400	235.900	220.500	288.100	64.500

Anexo 53 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churrecue		A47 I. Castillo	
	1-mar-09		27-feb-09		27-feb-09		27-feb-09		27-feb-09		27-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	100	0	0	0	100	0	100	200
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	500	0	400	0	0	300	400	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	1.600	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	700	1.000	0
<i>Chaetoceros debilis</i>	0	0	1.700	0	0	1.100	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	600	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	500	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	500	600	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	100	100	200	0	0	0	0	0	100	0	0	0
<i>Cylindrotheca closterium</i>	1.600	1.200	5.400	400	1.000	100	1.200	500	3.400	500	1.200	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploleis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	200	0	300	0	300	100	400	0	300	0	400	100
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	300	0	0	0	300	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	2.000	0	600	0	0	0	0	0	1.300	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	100	0	0	0	0	0	200	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	200	100	1.100	200	1.100	900	300	100	300	300	1.900	300
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	400	0	2.600	200	1.000	0	200	200	2.600	0	200	0
<i>Rhizosolenia hebetata</i>	100	0	400	200	100	200	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	1.400	200	2.100	100	8.000	300	600	100	300	200	6.000	400
<i>Skeletonema costatum</i>	2.200	1.200	33.400	8.400	31.200	20.500	7.800	300	7.000	4.200	52.400	0
<i>Stephanopyxis turris</i>	0	0	0	0	100	0	0	0	0	0	200	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	63.800	41.000	145.900	15.400	234.800	95.800	98.000	18.200	90.000	19.600	192.700	50.200

Anexo 53 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churrecue		A47 I. Castillo	
	1-mar-09		27-feb-09		27-feb-09		27-feb-09		27-feb-09		27-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira subtilis</i>	3.200	1.000	50.100	1.800	9.600	13.700	1.600	500	6.800	2.400	66.100	41.000
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	200	0	400	200	500	0	0	0	400	400
<i>Thalassiosira cf. minuscule</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	200	400	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	259.900	54.700	419.500	500	392.200	123.100	148.200	400	105.600	3.400	232.600	1.300
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Ceratium furca</i>	0	0	0	0	100	0	100	0	100	0	0	0
<i>Ceratium fusus</i>	0	0	400	0	100	300	0	0	700	0	2.100	0
<i>Ceratium hirundinella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	0	0	0	0	0	0	0	200	0	300	0
<i>Dinophysis acuta</i>	100	0	0	0	200	0	0	0	0	0	100	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	100	200	0	500	100	0	0	100	100	100	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	100	100	600	0	100	100	100	0	0	0	1.100
<i>Preperidinium meunieri</i>	100	0	0	0	200	100	100	0	0	0	0	0
<i>Prorocentrum cf. balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	13.700	400	800	0	9.100	700	2.200	0	2.000	100	18.200	100
<i>Protoperidinium aspidiotum</i>	100	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	100	300	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	100	0	100	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	100	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	200	0	100	0
<i>Protoperidinium cf. steinii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	100	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	200	0	0	0	0	100	100
<i>Pyrophacus steinii</i>	0	0	0	0	100	0	100	0	100	0	0	100
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	75.400	45.300	247.100	26.700	288.900	132.900	110.600	20.400	114.200	28.300	323.100	92.700
TOTAL DINOFLAGELADOS	274.300	55.600	421.200	1.100	402.800	124.600	150.900	500	109.100	3.700	253.900	2.700
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	349.700	100.900	668.300	27.800	691.700	257.500	261.500	20.900	223.300	32.000	577.000	95.400

Anexo 53 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	27-feb-09		27-feb-09		1-mar-09		28-feb-09		1-mar-09		28-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	200	0	100	200	0	0	0	0	0	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	2.200	0	0	0	0	0	0	0	0	600	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	500	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	500	0	1.200	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	400	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	300	100	3.400	1.200	300	700	4.200	600	500	400	2.400	300
<i>Detonula pumila</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Diploleis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	200	0	0	400	0	0	100
<i>Eucampia zodiacus</i>	0	0	0	0	1.000	0	0	0	0	0	1.800	800
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	400	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	400	200	2.800	100	400	100	0	600	0	0	600	200
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	1.000	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	1.400	600	800	0	800	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	700	400
<i>Rhizosolenia setigera</i>	1.000	300	5.000	100	200	100	800	800	400	100	1.000	400
<i>Skeletonema costatum</i>	28.200	2.400	17.200	0	13.800	10.800	3.200	0	9.800	7.200	4.200	9.400
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	116.300	2.600	91.200	39.200	20.500	6.800	49.600	29.000	11.400	25.100	9.100	25.100

Anexo 53 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	27-feb-09		27-feb-09		1-mar-09		28-feb-09		1-mar-09		28-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira subtilis</i>	102.600	2.000	39.000	3.200	4.600	1.400	12.000	7.000	3.200	4.600	15.000	8.800
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	200	0	0	0	0	100
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	200	300	400	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	328.300	3.600	415.000	53.200	460.600	31.900	210.500	11.400	173.300	77.500	538.000	145.900
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	100	0	0	0	300	0	0	100	0	200
<i>Ceratium fusus</i>	400	0	900	200	0	100	300	100	100	0	0	200
<i>Ceratium hirundinella</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	300	0	0	100	0	0	100	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	400	100	0	0	100	0	100	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	100	0	400	300	0	0	0	0	100	100
<i>Dinophysis acuta</i>	0	0	100	0	0	300	0	100	0	100	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	200	200	1.400	0	200	0	100	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	600	300	0	0	100	0	0	0
<i>Polykrikos spp.</i>	600	300	100	200	0	0	0	0	100	0	0	0
<i>Preperidinium meunieri</i>	200	0	100	200	0	200	0	0	400	0	600	0
<i>Prorocentrum cf. balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	1.000	0	3.200	400	18.200	5.600	2.400	800	4.400	1.400	4.800	4.400
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	100	0	0	0	0	0	0	0	100	0
<i>Protoperidinium excentricum</i>	0	0	0	0	500	0	0	0	0	0	100	300
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium pyriforme</i>	100	0	100	0	0	0	200	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	500	100	100	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	100	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	100	100	100	0	100	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	100	200	300	0	100	0	100	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	100	200	0	100	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	100	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	100	0	0	0	100	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	251.000	7.600	160.100	44.500	42.400	20.800	73.300	39.000	26.900	38.000	36.000	45.600
TOTAL DINOFLAGELADOS	330.700	3.900	420.500	54.600	483.200	39.200	214.400	12.500	179.000	79.100	544.000	151.100
TOTAL SILICOFLAGELADOS	0	0	0	0	100	0	0	0	0	0	0	0
TOTAL OTROS	100	0	0	0	100	0	0	0	0	0	0	0
TOTAL	581.800	11.500	580.600	99.100	525.800	60.000	287.700	51.500	205.900	117.100	580.000	196.700

Anexo 53 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia	
	28-feb-09		30-ene-09		30-ene-09		28-ene-09		28-ene-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS										
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	100	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	200	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	100	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	1.600	0	400	0	1.100	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	1.200	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	400	800	0	1.000	0	700	0
<i>Chaetoceros diadema</i>	0	0	1.700	0	600	0	8.800	0	3.300	400
<i>Chaetoceros didymus</i>	0	0	300	0	0	0	1.400	0	1.000	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	2.900	400	22.400	800	400	1.300
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	200	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	100	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	400	0	0	0	0	0	100	100	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	100	200	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	100	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	700	0	0
<i>Guinardia delicatula</i>	0	0	0	0	400	0	900	0	200	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	500	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	400	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	6.000	0	0
<i>Navicula amorphila</i>	0	200	0	0	0	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	100	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	200	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	1.000	0	0	0	0	0	100	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	200	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	1.200	300	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	2.400	0	0	600	0	7.200	0	2.600	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	500	200	0	100
<i>Thalassionema nitzschoides</i>	43.300	16.000	0	100	0	100	0	0	0	0

Anexo 53 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia	
	28-feb-09		30-ene-09		30-ene-09		28-ene-09		28-ene-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira subtilis</i>	3.600	1.000	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	300	0	0
<i>Thalassiosira cf. decipiens</i>	0	100	0	0	0	0	0	0	100	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS										
<i>Alexandrium catenella</i>	132.200	54.700	0	0	700	300	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	100	0	0	0	0	0	0	0	0
<i>Ceratium hirundinella</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	100	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	100	0	0	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	0	0	0	0	100	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	100	0	0	0	0	0	0	0	500	0
<i>Heterocapsa triquetra</i>	0	0	0	0	100	0	300	0	900	200
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	100	0
<i>Preperidinium meunieri</i>	100	0	0	0	0	0	100	0	0	0
<i>Proocentrum cf. balticum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	1.600	400	0	0	0	100	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	200	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS										
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS										
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS										
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	49.600	20.600	2.000	500	7.100	500	44.300	8.700	10.100	1.800
TOTAL DINOFLAGELADOS	134.600	55.300	0	0	800	400	700	0	1.500	200
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0
TOTAL	184.200	75.900	2.000	500	7.900	900	45.000	8.700	11.600	2.000

Anexo 53 (continuación)

	A59 I. Zealous		A60 Pta. Baker	
	28-ene-09		30-ene-09	
	0-10m	10-20m	0-10m	10-20m
DIATOMEAS				
<i>Actinocyclus curvatulus</i>	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0
<i>Bacillaria paxillifera</i>	400	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0
<i>Chaetoceros constrictus</i>	1.100	0	0	0
<i>Chaetoceros curvisetus</i>	500	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0
<i>Chaetoceros decipiens</i>	400	0	0	400
<i>Chaetoceros diadema</i>	0	800	0	0
<i>Chaetoceros didymus</i>	1.200	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0
<i>Chaetoceros radicans</i>	7.200	5.800	0	0
<i>Chaetoceros socialis</i>	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0
<i>Cocconeis spp.</i>	100	0	0	0
<i>Corethron pennatum</i>	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0
<i>Grammatophora marina</i>	0	200	0	100
<i>Guinardia delicatula</i>	400	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0
<i>Leptocylindrus minimus</i>	400	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0
<i>Melosira varians</i>	0	0	0	100
<i>Navicula amorphila</i>	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0
<i>Nitzschia spp.</i>	0	100	0	0
<i>Paralia sulcata</i>	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0
<i>Proboscidea alata</i>	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	2.200	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	100	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0
<i>Skeletonema costatum</i>	6.200	2.600	300	0
<i>Stephanopyxis turris</i>	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0
<i>Synedropsis spp.</i>	100	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	200	200

Anexo 53 (continuación)

	A59 I. Zealous		A60 Pta. Baker	
	28-ene-09		30-ene-09	
	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira subtilis</i>	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0
DINOFLAGELADOS				
<i>Alexandrium catenella</i>	0	0	100	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0
<i>Ceratium hirundinella</i>	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	100
<i>Ceratium tripos</i>	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	100	0
<i>Dinophysis acuta</i>	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0
<i>Gyrodinium</i> spp.	200	0	100	0
<i>Heterocapsa triquetra</i>	200	0	100	0
<i>Polykrikos</i> spp.	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0
<i>Prorocentrum cf. balticum</i>	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0
<i>Protoperdinium aspidiotum</i>	0	0	0	0
<i>Protoperdinium claudicans</i>	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0
<i>Protoperdinium excentricum</i>	0	0	0	0
<i>Protoperdinium oceanicum</i>	0	0	0	0
<i>Protoperdinium pentagonum</i>	0	0	0	0
<i>Protoperdinium pyriforme</i>	0	0	0	0
<i>Protoperdinium cf. conicoides</i>	0	0	0	0
<i>Protoperdinium cf. grani</i>	0	0	0	0
<i>Protoperdinium cf. mite</i>	0	0	0	0
<i>Protoperdinium cf. oblongum</i>	0	0	0	0
<i>Protoperdinium cf. obtusum</i>	0	0	0	0
<i>Protoperdinium cf. ovatum</i>	0	0	0	0
<i>Protoperdinium cf. pallidum</i>	0	0	0	0
<i>Protoperdinium cf. pellucidum</i>	0	0	100	0
<i>Protoperdinium cf. steinii</i>	0	0	0	0
<i>Protoperdinium cf. tristylum</i>	0	0	0	0
<i>Protoperdinium</i> spp.	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0
SILICOFAGELADOS				
<i>Dictyocha speculum</i>	0	0	0	0
ZOOMASTIGOFOROS				
<i>Ebria tripartita</i>	0	0	0	0
EUGLENOFICEAS				
<i>Euglenoficeas indet.</i>	0	0	0	0
TOTAL DIATOMEAS	20.200	9.600	500	800
TOTAL DINOFLAGELADOS	400	0	500	100
TOTAL SILICOFAGELADOS	0	0	0	0
TOTAL OTROS	0	0	0	0
TOTAL	20.600	9.600	1.000	900

Anexo 54
Densidad de fitoplancton (cél·L⁻¹) en la región de Aysén.
Crucero 3 (20 marzo – 2 abril 2009).

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	21-mar-09		21-mar-09		21-mar-09		21-mar-09		20-mar-09		20-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	300	0	0
<i>Cerataulina pelagica</i>	0	0	300	600	0	0	0	0	1.200	1.000	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	900	0	0	0	0	300	400	400	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	500	0	0	0	0	0	2.200	2.000	11.200	2.200
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	800	2.400	1.700
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	600	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	1.000	0	0	0	0	0	0	0
<i>Chaetoceros cf. subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	1.400	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	800	0	0	0
<i>Corethron pennatum</i>	21.600	3.800	300	500	100	100	10.800	3.600	900	400	400	700
<i>Coscinodiscus granii</i>	0	0	0	0	200	0	0	0	200	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	200	0	100	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Cylindrotheca closterium</i>	6.800	5.200	1.600	200	2.400	1.400	0	9.100	11.400	13.700	400	1.000
<i>Detonula pumila</i>	0	0	27.400	5.200	400	0	200	0	9.000	3.000	0	2.200
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	400	100	11.400	2.000	6.800	9.100	5.600	2.800	9.100	4.600	6.800	3.800
<i>Eptheimia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	11.000	22.000	1.144.600	269.000	2.000	0	0	0	4.500	2.000	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Guinardia delicatula</i>	0	200	9.100	0	0	0	0	0	0	1.100	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	1.500	0	0	0	0	1.700	0	0
<i>Leptocylindrus danicus</i>	0	0	800	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	600	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Paralia sulcata</i>	0	0	0	100	0	800	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	200	0	0	0	200	0	200	100	600	100	100	200
<i>Pleurosigma normanii</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	400	0	400	0	100	0	0	1.000	0	0	1.200	1.200
<i>P. cf. pseudodelicatissima</i>	0	1.200	0	0	0	0	2.600	1.800	600	400	1.800	600
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	2.800	1.600	1.400	0	1.300	0	700	1.200	7.000	1.600	12.600	13.800
<i>Skeletonema costatum</i>	1.723.700	633.800	155.000	13.700	588.200	15.600	2.742.800	1.470.600	1.374.800	615.600	1.470.600	1.092.100
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Striatella unipunctata</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	4.400	4.000	3.200	2.600	22.400	3.800	6.800	4.400	9.100	38.800	13.700	9.100
<i>Thalassiosira subtilis</i>	0	0	0	0	1.300	0	400	0	25.100	11.400	114.000	82.100
<i>Thalassiosira cf. anguste-lineata</i>	0	600	1.700	0	0	0	0	200	9.100	16.000	1.035.100	1.062.500
<i>Thalassiosira cf. decipiens</i>	200	0	300	0	700	300	400	400	0	400	2.200	800
<i>Thalassiosira cf. delicatula</i>	400	500	0	0	0	0	300	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	300	0	600	0	0	0	1.100	300	1.600	300
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 54 (continuación)

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquiritin		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	21-mar-09		21-mar-09		21-mar-09		21-mar-09		20-mar-09		20-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	259.900	34.200	68.400	5.200	1.132.200	111.700	47.900	9.800	102.600	31.900	300	300
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	200	0	0	0	100	0	0	0
<i>Dinophysis acuta</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	1.600	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	4.000	300	1.500	0	300	0	2.900	100	1.500	1.000	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	17.200	2.200	100	200	1.100	1.200	8.400	1.000	9.100	27.400	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	600	0	0	0	31.900	900	0	0	1.000	0	0	0
<i>Protoperidinium aspidiotum</i>	100	0	0	500	0	0	0	0	200	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	200	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. steinii</i>	0	0	100	0	0	0	0	0	300	0	100	100
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	100	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.772.800	673.200	1.358.900	294.100	629.600	31.400	2.771.300	1.495.600	1.467.600	716.600	2.674.200	2.274.700
TOTAL DINOFLAGELADOS	282.000	36.800	70.900	7.600	1.165.900	113.800	59.300	11.100	114.900	60.300	600	400
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	100	0	0	0	0	0	0
TOTAL	2.054.800	710.000	1.429.800	301.700	1.795.500	145.300	2.830.600	1.506.700	1.582.500	776.900	2.674.800	2.275.100

Anexo 54 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollat-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	30-mar-09		30-mar-09		30-mar-09		31-mar-09		30-mar-09		31-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	100	0	0	400	400	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	100	0	100	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	900	0	0	0	0	0	0	0	100	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cf. subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	200	100	100	0	200	0	0	200	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	11.400	2.300	11.400	4.600	31.900	31.900	3.200	100	3.800	2.800	25.100	4.600
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	11.400	4.600	16.000	11.400	11.400	9.000	3.800	400	4.600	1.000	11.400	2.300
<i>Epithemia zebra</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	100	200	0	0	0	0	0	100
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium aureolum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	900	0	0	600	0	0	0
<i>Melosira nummuloides</i>	0	0	200	1.400	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Navicula ammobila</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	100	100	0	0	100	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicrus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	400	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	100	0	0	0	0	0	0	0	0	100	100
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>P. cf. pseudodelicatissima</i>	1.000	0	100	0	0	200	0	0	0	400	400	200
<i>Rhabdonema minutum</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	7.600	5.500	5.000	1.200	1.600	800	3.400	6.200	4.600	1.200	300	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	400	400	600	0	200	1.800	400	800	0	800	400
<i>Thalassiosira subtilis</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	200	400	100	600	100	100	700	2.200	0	0	200	200

Anexo 54 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollat-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	30-mar-09		30-mar-09		30-mar-09		31-mar-09		30-mar-09		31-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	100	100	0	0	100	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	700	0	0	0	0	0	0	0	100	100	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Procerentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	32.500	14.600	34.300	20.500	45.800	44.100	12.900	9.300	14.600	5.500	38.500	8.100
TOTAL DINOFLAGELADOS	700	0	0	0	0	100	100	100	300	100	100	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	33.200	14.600	34.300	20.500	45.800	44.200	13.000	9.400	14.900	5.600	38.600	8.100

Anexo 54 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	29-mar-09		29-mar-09		29-mar-09		29-mar-09		29-mar-09		29-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	100	0	0	0	300	100
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	600	0	0	0	600	400	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cf. subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	500	0	800
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	300	500	800	0	0	0
<i>Corethron pennatum</i>	400	200	500	300	200	200	200	100	0	0	400	100
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	57.000	34.200	17.600	700	6.800	600	36.500	16.000	8.600	2.200	27.400	11.400
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploleis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	9.100	6.800	0	300	2.300	0	2.400	1.000	11.400	4.600	7.000	1.400
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	100	0	100	0	0	0	100
<i>Guinardia delicatula</i>	0	0	0	0	0	500	800	0	500	400	300	300
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium aureolum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	500	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	100	0	1.800	0	4.000	2.600	70.700	54.700	75.200	13.700	88.900	54.700
<i>Melosira nummuloides</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicruris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	100	100	0	0	100	0
<i>Pleurosigma directum</i>	0	0	0	0	400	0	500	0	100	200	200	100
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	300	1.200	3.400	600	3.800	2.200	111.700	59.300	118.600	63.800	41.000	52.400
<i>P. cf. pseudodelicatissima</i>	1.200	1.800	1.600	800	5.000	2.200	184.700	68.400	310.100	75.200	287.300	59.300
<i>Rhabdonema minutum</i>	0	0	600	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	400	2.000	200	200	3.000	500	50.200	11.400	36.500	22.800	43.300	29.600
<i>Skeletonema costatum</i>	7.200	5.400	3.200	7.000	8.600	11.800	38.800	31.900	120.800	66.100	84.400	59.300
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	4.000	2.200	2.000	1.600	4.200	1.200	29.600	4.600	20.500	26.500	11.400	13.700
<i>Thalassiosira subtilis</i>	0	0	0	200	600	0	2.300	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	1.600	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	100	0	0	100	0	0	100	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	100	100

Anexo 54 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	29-mar-09		29-mar-09		29-mar-09		29-mar-09		29-mar-09		29-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	100	0	0	0	100	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	300	0	1.200	0	900	100
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	200	300	0	300	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	300	0	0	0	100	0	100	0	100	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Procerentrum micans</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	200	100	0	0	800	0
<i>Protoperdinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperdinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperdinium</i> cf. <i>steinii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperdinium</i> cf. <i>thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> spp.	0	0	0	0	0	0	0	0	0	300	300	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	80.200	53.800	31.500	12.000	39.000	21.900	530.100	248.700	704.700	276.200	592.300	283.400
TOTAL DINOFLAGELADOS	0	0	300	0	0	0	700	300	1.600	400	2.900	100
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	80.200	53.800	31.800	12.000	39.000	21.900	530.800	249.000	706.300	276.600	595.200	283.500

Anexo 54 (continuación)

	A18		A19		A20		A21		A22		A23	
	Pta. Cálqueman		S. Magdalena		Faro Marta-C. Puyuhuapi		Pto. Amparo		I. Sn. Andrés		I. Orestes	
	31-mar-09		27-mar-09		26-mar-09		26-mar-09		26-mar-09		26-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	100	0	0	100	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	600	4.600	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	100	0	0	200	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	140.000	73.000
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	800
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	1.800	1.200	0	11.800	5.000
<i>Chaetoceros decipiens</i>	7.600	800	600	0	0	0	3.600	2.600	9.000	1.200	4.200	1.800
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	300	0	0	0	0	0	0	0	800	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	600	0	0	0	0	0	0	0	1.700	300	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cf. subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	500	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	1.400	0	0	0	0	0	700	2.400	5.200	800	700	0
<i>Chaetoceros spp.</i>	4.800	0	600	0	0	0	0	0	400	0	0	0
<i>Corethron pennatum</i>	300	0	0	0	0	100	100	0	0	100	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	100	0	100	100	0	100	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	100	0	0	0	0	0	100	0	0	0
<i>Cylindrotheca closterium</i>	1.000	200	16.000	6.800	200	800	0	0	0	0	0	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	600
<i>Diploleis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	3.200	2.300	6.800	4.600	1.600	1.400	0	200	0	400	0	400
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Grammatophora marina</i>	100	0	1.900	300	300	1.700	100	100	0	100	0	0
<i>Guinardia delicatula</i>	3.600	0	0	0	0	0	0	0	800	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Gyrodinium aureolum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	624.700	18.200	0	0	0	0	0	3.200	43.300	9.100	800	2.400
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	1.100	800	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicruris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	400	300	300	400	500	200	400	600	700	600	400	200
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	617.900	47.900	91.200	6.800	177.800	6.800	417.200	107.200	472.000	79.800	111.700	13.700
<i>P. cf. pseudodelicatissima</i>	399.000	16.000	241.700	11.400	312.400	11.400	490.200	148.200	624.700	155.000	120.800	36.500
<i>Rhabdonema minutum</i>	0	0	0	500	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	91.200	9.100	27.400	600	34.200	1.600	123.100	20.500	125.400	18.200	11.400	200
<i>Skeletonema costatum</i>	164.200	18.200	93.500	421.800	483.400	601.900	629.300	1.121.800	1.060.200	866.400	1.500.200	476.500
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	13.700	4.600	34.200	22.800	127.700	22.800	177.800	34.200	262.200	168.700	168.700	63.800
<i>Thalassiosira subtilis</i>	7.000	1.000	4.600	0	18.200	4.600	68.400	20.500	214.300	73.000	102.600	36.500
<i>Thalassiosira cf. anguste-lineata</i>	8.200	100	0	0	1.200	0	0	0	11.400	1.600	600	2.200
<i>Thalassiosira cf. decipiens</i>	600	0	0	0	0	0	0	800	34.200	6.800	2.400	2.800
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	400	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	800	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	300	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	100	400	0	0	0	0	0	0	0	200
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	100	100	0	0	0	0	0

Anexo 54 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	31-mar-09		27-mar-09		26-mar-09		26-mar-09		26-mar-09		26-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	800	0	2.000	0	100	0	200	0	100	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	6.000	200	400	0	400	100	5.800	1.400	11.600	1.900	3.800	1.600
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	2.800	0	0	100	2.200	900	4.800	200	39.000	2.400	5.200	5.000
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Procerentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceraium reticulatum</i>	0	0	0	0	0	0	0	0	300	100	300	0
<i>Protoperdinium aspidiotum</i>	0	0	0	0	100	0	0	0	0	100	100	0
<i>Protoperdinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium excentricum</i>	100	0	0	0	0	300	0	0	0	0	100	0
<i>Protoperdinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperdinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	100	100
<i>Protoperdinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperdinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. pellucidum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. steinii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium spp.</i>	0	0	100	0	0	0	0	0	100	100	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.950.000	118.900	520.600	477.200	1.157.500	653.700	1.911.000	1.464.300	2.868.700	1.386.700	2.178.500	717.300
TOTAL DINOFLAGELADOS	9.200	200	1.400	100	4.700	1.300	10.700	1.600	51.200	4.600	10.400	6.800
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.959.200	119.100	522.000	477.300	1.162.200	655.000	1.921.700	1.465.900	2.919.900	1.391.300	2.188.900	724.100

Anexo 54 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quirralco		A28 Pta. Lynch		A29 Pto. Bonito	
	2-abr-09		25-mar-09		24-mar-09		24-mar-09		25-mar-09		24-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	100	300	200	100	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	16.000	4.600	400	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	1.200	0	0	0	3.800	600	3.000	0	1.000	0	34.900	9.600
<i>Chaetoceros constrictus</i>	0	500	0	0	0	0	0	0	0	0	900	900
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	3.600	95.800	3.000	7.000	6.800	0	1.800	2.200	900	1.800	1.800
<i>Chaetoceros decipiens</i>	0	0	700	0	0	2.500	3.600	2.200	0	0	600	700
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	400	0	900	500	0	0	0	0	0	300
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	1.400	0	0	800	0	0	0	0	500	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cf. subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	900	700	0	700	0	0	1.100	900
<i>Chaetoceros spp.</i>	0	800	700	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	100	0	100	0	100	0	0	0	0	0	100	0
<i>Coscinodiscus janischii</i>	100	0	0	0	0	0	0	0	100	0	0	100
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	600	0	0	0	459.000	272.800	770.600	0	0	0
<i>Detonula pumila</i>	0	0	800	400	4.600	1.000	2.200	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	100	0	0	0	100	0	244.600	116.100	369.100	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	300	400	200	27.400	4.800	400	0	0	1.400	2.200	9.800
<i>Grammatophora marina</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	400	0	0	0	900	700	0	0	0	0	100	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	200	300	1.100	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	800	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	800	0	800	0	29.600	16.000	0	600	400	0	400	2.200
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	800	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicrusis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	200	500	800	500	0	0	700	400	100	100	200	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	16.000	2.300	13.700	0	600	0	494.800	73.000	1.400	0	6.800	4.600
<i>P. cf. pseudodelicatissima</i>	18.200	4.600	11.400	2.300	800	0	478.800	45.600	2.000	500	4.600	11.400
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	2.000	1.200	6.800	16.000	600	200	70.700	20.500	300	0	600	400
<i>Skeletonema costatum</i>	294.100	111.700	1.874.200	2.412.200	421.800	61.600	886.900	1.513.900	155.000	12.500	314.600	218.900
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	419.500	442.300	969.000	1.340.600	22.800	25.100	221.200	107.200	38.800	5.700	34.200	18.200
<i>Thalassiosira subtilis</i>	3.000	12.000	282.700	196.100	43.300	2.400	98.000	59.300	20.500	1.100	27.400	36.500
<i>Thalassiosira cf. anguste-lineata</i>	0	400	20.500	16.000	600	0	11.400	2.300	600	0	200	1.800
<i>Thalassiosira cf. decipiens</i>	2.400	2.800	4.000	2.200	1.200	800	11.400	9.100	0	800	400	3.800
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	500	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	1.200	100	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	100	0	0	0	0	0

Anexo 54 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quirralco		A28 Pta. Lynch		A29 Pto. Bonito	
	2-abr-09		25-mar-09		24-mar-09		24-mar-09		25-mar-09		24-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	100	100	0	0	0	0	0	0	14.400	6.200
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	700	1.300	600	1.000	100	7.400	1.400	0	0	1.800	600
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	200	100	3.400	800	3.200	500	14.600	2.400	600	0	1.400	2.600
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	500	0	0	0	0	0	0	0	300	100
<i>Protoperidinium aspidiotum</i>	0	0	0	100	0	0	0	0	0	0	100	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	200	0	0	0	0	0	0	0	100	100
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	100	0	0	0	0	0	0	0	100	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	758.300	584.800	3.301.900	3.994.800	570.100	124.500	2.986.800	2.225.500	1.362.100	23.500	431.300	321.900
TOTAL DINOFLAGELADOS	200	800	5.600	1.600	4.400	600	22.200	3.900	600	0	18.200	9.600
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	100	0	0	0	0	0	0	0	100	0	0
TOTAL	758.500	585.700	3.307.500	3.996.400	574.500	125.100	3.009.000	2.229.400	1.362.700	23.600	449.500	331.500

Anexo 54 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	26-mar-09		26-mar-09		25-mar-09		20-mar-09		20-mar-09		1-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	100	0	400	100	100	0	100	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	200	0	0	0	0	2.300	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	700	800	0	600	500	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	1.000	1.000
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	6.600	800	0	1.400	1.800	0	0	700	0	0	6.600	1.400
<i>Chaetoceros decipiens</i>	2.500	1.900	1.800	0	900	1.000	0	0	1.100	0	6.200	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	400	800	0	0	700	0	0	0	0	0	1.300	700
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cf. subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	700	0	0	0	0	0	0	0	0	0	5.600	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	500	0	1.900	0
<i>Corethron pennatum</i>	0	100	0	0	0	0	2.000	3.400	4.000	3.900	100	100
<i>Coscinodiscus granii</i>	0	100	100	0	100	400	0	0	0	0	100	0
<i>Coscinodiscus janischii</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	600	0	0	0	400	0	0	0	6.600	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	600	0	0	0	0	600	200
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	300	0	0	0	0	0	0	0	300	600
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	9.100	0	228.000	86.600
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Odontella longicurvus</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Pleurosigma directum</i>	1.600	400	500	800	500	200	600	200	200	600	300	300
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	287.300	132.200	218.900	22.800	41.000	18.200	0	400	2.000	0	889.200	424.100
<i>P. cf. pseudodelicatissima</i>	351.100	184.700	216.600	57.000	41.000	11.400	9.100	1.200	4.400	22.800	656.600	323.800
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	27.400	31.900	9.100	20.500	5.600	5.400	6.800	400	2.400	3.400	191.500	111.700
<i>Skeletonema costatum</i>	704.500	1.388.500	435.500	1.525.300	1.146.800	909.700	1.944.800	1.260.800	2.232.100	2.166.000	474.200	157.300
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschiioides</i>	207.500	246.200	91.200	266.800	230.300	152.800	59.300	6.800	9.100	38.800	38.800	79.800
<i>Thalassiosira subtilis</i>	161.900	159.600	47.900	59.300	52.400	31.900	45.600	11.400	25.100	6.600	34.200	16.000
<i>Thalassiosira cf. anguste-lineata</i>	800	5.200	0	400	400	0	75.200	88.900	31.900	0	2.300	2.800
<i>Thalassiosira cf. decipiens</i>	3.600	2.400	200	400	800	1.600	700	800	300	0	0	1.900
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	200	400	300	1.200	100	0	200
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	300	0	100	0	0	0	0	0	0	0	0	100

Anexo 54 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	26-mar-09		26-mar-09		25-mar-09		20-mar-09		20-mar-09		1-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	28.600	12.000	5.700	5.800	200	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	700	100	1.200	0	100	0	0	0	100	100	100	0
<i>Dinophysis acuta</i>	0	0	200	0	0	0	0	0	0	0	100	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	800	200	700	100	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	9.400	1.800	11.600	2.400	3.000	2.200	0	0	0	0	4.200	2.400
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	14.800	1.200	15.800	6.600	8.600	3.600	27.200	2.200	7.600	1.700	1.000	100
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	100	0	0	0	100	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	300	100	700	100	400	0	0	0	0	0	300	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	100	0	0	0	200	0	0	0	0	0	100	0
<i>Protoperidinium excentricum</i>	100	0	300	0	100	0	0	0	0	0	0	100
<i>Protoperidinium pentagonum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	100	0	0	100	0	0	500	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	100	0	0	0	0	0	100	200	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	100	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	100	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.756.300	2.155.600	1.023.600	1.955.200	1.523.600	1.134.300	2.144.900	1.375.400	2.323.800	2.242.300	2.547.700	1.208.900
TOTAL DINOFLAGELADOS	25.400	3.300	29.900	9.400	12.500	5.900	56.800	14.600	14.300	8.300	6.000	2.600
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.781.700	2.158.900	1.053.500	1.964.600	1.536.100	1.140.200	2.201.700	1.390.000	2.338.200	2.250.600	2.553.700	1.211.500

Anexo 54 (continuación)

	A36 G. Enjambre		A37 I. Teresa		A38N1 I. Jesus		A39 Pto. Lampazo		A40 I. Silachilu		A41 C. Ninualac	
	31-mar-09		1-abr-09		1-abr-09		1-abr-09		1-abr-09		1-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	300	0	0
<i>Actinocyclus curvatulus</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	2.200	0	0	300	0	1.400	400	0	4.600	0	1.200	1.600
<i>Cerataulina pelagica</i>	200	0	0	0	0	0	0	0	0	0	100	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	5.800	500	3.800	0	0	1.700	0	500	0	0	3.600	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	500
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	5.000	2.200	2.600	5.000	1.000	3.000	2.200	7.000	1.800	400	8.000	1.400
<i>Chaetoceros decipiens</i>	11.800	4.200	1.200	1.000	800	3.000	7.800	8.000	800	600	1.400	10.000
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	400	0	0	0	0	0	0	200	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	1.700	800	0	0	0	0	500	0	1.000	0	0	500
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	800	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cf. subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	700	500	0	0	0	600	0	0	2.000	0	0	1.400
<i>Chaetoceros spp.</i>	2.000	600	700	800	900	1.500	300	1.000	0	0	0	0
<i>Corethron pennatum</i>	200	0	100	100	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	100	0	0	0	100	0	0	0	100	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	11.400	0	0	0	0	800	0	0	400	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	700	400	600
<i>Grammatophora marina</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	6.800	0	0	0	200	600	200	200	200	0	0	600
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	200	1.600	500	0	0	800	400	400	0	500	600
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	244.000	27.400	800	0	25.100	3.000	20.500	1.800	29.600	0	9.100	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Nitzschia spp.</i>	0	0	0	300	0	0	0	0	0	0	0	400
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicrus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	900	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	600	500	100	300	300	900	800	200	500	300	200	500
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	1.840.000	424.100	82.100	66.100	159.600	102.600	321.500	173.300	722.800	88.900	326.000	173.300
<i>P. cf. pseudodelicatissima</i>	663.500	310.100	31.900	43.300	152.800	143.600	291.800	73.000	617.900	111.700	225.700	77.500
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	399.000	114.000	38.800	25.100	61.600	31.900	57.000	70.700	177.800	86.600	125.400	63.800
<i>Skeletonema costatum</i>	679.400	597.400	107.200	202.900	253.100	148.200	1.042.000	503.400	975.800	679.400	1.290.500	1.092.100
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	77.500	88.900	57.000	41.000	82.100	47.900	207.500	244.000	223.400	91.200	234.800	289.600
<i>Thalassiosira subtilis</i>	47.900	63.800	63.800	52.400	22.800	41.000	52.400	52.400	84.400	41.000	136.800	43.300
<i>Thalassiosira cf. anguste-lineata</i>	41.000	11.400	0	2.000	400	400	6.800	3.000	6.800	2.300	9.100	400
<i>Thalassiosira cf. decipiens</i>	9.100	2.300	0	400	3.000	2.200	4.600	2.000	29.600	25.100	2.300	2.200
<i>Thalassiosira cf. delicatula</i>	0	600	0	0	0	400	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 54 (continuación)

	A36 G. Enjambre 31-mar-09		A37 I. Teresa 1-abr-09		A38N1 I. Jesus 1-abr-09		A39 Pto. Lampazo 1-abr-09		A40 I. Silachilu 1-abr-09		A41 C. Ninualac 1-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	0	100	100	0	0	0	200	0	200	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	6.400	1.400	1.000	400	800	100	1.400	1.400	1.800	1.600	1.600	2.000
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	3.400	600	1.000	1.200	600	100	1.000	200	1.600	400	800	400
<i>Preperidinium meunieri</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	100	100	0	100	0	0	0	0	100	0	200	0
<i>Protoperidinium aspidiotum</i>	100	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	100	0	100	0	100	0	0	0	100	0	0	0
<i>Protoperidinium excentricum</i>	100	0	0	100	100	0	300	0	0	0	200	100
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	100	100	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	4.050.200	1.649.600	391.800	441.600	763.700	535.500	2.017.200	1.141.100	2.880.700	1.128.700	2.375.200	1.760.300
TOTAL DINOFLAGELADOS	10.500	2.200	2.200	2.100	1.800	300	2.700	1.600	3.900	2.000	3.100	2.500
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4.060.700	1.651.800	394.000	443.700	765.500	535.800	2.019.900	1.142.700	2.884.600	1.130.700	2.378.300	1.762.800

Anexo 54 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churrecue		A47 I. Castillo	
	25-mar-09		22-mar-09		22-mar-09		25-mar-09		25-mar-09		23-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	200	0	100	200	0	100
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	200	400	0	200	0	0	0	300	400	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	600	0	0	5.200	0	800	0	400	0	500	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	900	5.000	9.200	0	20.200	4.200	8.800	1.800	0	2.600	23.000	500
<i>Chaetoceros decipiens</i>	800	0	600	0	500	200	1.800	0	500	1.400	900	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	700	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cf. subtilis</i>	0	0	0	0	0	0	0	0	2.600	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	800	0	0	1.000	0	1.100	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	200	0	0	100	0	0	0	100	0	100	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	100	100	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	1.600	1.600	0	0	2.600	0	0	0	0	0	0	0
<i>Diplois didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	1.200	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Guinardia delicatula</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	500	0	0	0	0	0	0	200	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	4.600	0	0	400	2.000	0	0	0	0	4.600	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	900	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula ammobila</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Navicula spp.</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	500	0	0	0	0	0	0	0	400	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Pleurosigma directum</i>	700	1.000	200	0	100	0	700	100	800	300	0	100
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	45.600	116.300	36.500	0	16.000	6.800	9.100	1.000	4.600	2.300	20.500	0
<i>P. cf. pseudodelicatissima</i>	45.600	79.800	29.600	0	73.000	9.100	9.100	4.600	9.100	0	77.500	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	13.700	2.300	2.300	0	6.800	3.000	9.100	6.800	4.600	2.300	6.800	0
<i>Skeletonema costatum</i>	1.295.000	1.691.800	1.395.400	54.700	1.671.200	380.800	1.666.700	579.100	1.612.000	905.200	2.649.400	36.500
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	645.200	722.800	257.600	82.100	401.300	116.300	697.700	360.200	1.010.000	549.500	681.700	70.700
<i>Thalassiosira subtilis</i>	130.000	111.700	50.200	38.800	205.200	36.500	157.300	29.600	177.800	59.300	193.800	2.800
<i>Thalassiosira cf. anguste-lineata</i>	1.000	1.800	4.600	0	9.100	13.700	0	200	0	1.200	16.000	0
<i>Thalassiosira cf. decipiens</i>	400	1.800	2.300	0	1.400	2.000	6.800	1.200	1.000	1.200	1.000	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	100	0	0	0	0	0	0	0	0	100	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	100	0	0	0	0	300	0	200	0	200	0	0

Anexo 54 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churrecue		A47 I. Castillo	
	25-mar-09		22-mar-09		22-mar-09		25-mar-09		25-mar-09		23-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	200	0	0	0	0	0	0	0	300	100
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	300	300	0	0	0	0	0	0	100	100	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	7.200	6.600	1.000	0	1.200	400	600	0	1.000	100	2.000	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	28.600	18.000	2.000	100	3.000	400	2.600	300	3.000	1.000	2.000	200
<i>Preperidinium meunieri</i>	0	400	0	0	0	0	0	0	0	0	0	0
<i>Procerentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	400	0	0	0	200	200	100	0	0	0	100	0
<i>Protoperidinium aspidiotum</i>	400	1.100	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	100	0	0	0	100	0	100	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	100	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	100	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.181.100	2.743.400	1.789.400	175.600	2.413.300	575.700	2.569.000	985.400	2.825.700	1.526.200	3.677.400	110.700
TOTAL DINOFLAGELADOS	37.100	26.500	3.200	100	4.500	1.100	3.300	300	4.200	1.300	4.700	400
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	100	0	0
TOTAL	2.218.200	2.769.900	1.792.600	175.700	2.417.800	576.800	2.572.300	985.700	2.829.900	1.527.600	3.682.100	111.100

Anexo 54 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	23-mar-09		23-mar-09		25-mar-09		23-mar-09		25-mar-09		24-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	1.000	0	0	0	400	0	0	0	0	0	400	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	600	0	0	0	0	700	0
<i>Chaetoceros compressus</i>	6.200	0	20.500	800	3.200	2.700	0	0	2.200	1.400	800	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	600	0	0	0	5.400	3.200
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	211.200	600	0	0	11.200	1.200	19.000	6.400	0	0	2.000	1.400
<i>Chaetoceros decipiens</i>	3.400	0	1.800	300	6.800	1.000	2.800	3.200	1.700	500	2.600	600
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	200	700
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	100	0	900	0	0	400	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	600	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	100	100
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	1.100	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cf. subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	500	0	0	0	0	0	1.800	900	0	0	2.200	2.300
<i>Chaetoceros spp.</i>	0	0	0	0	900	700	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	100	600	100	0	0	100	100	100	100
<i>Coscinodiscus janischii</i>	0	0	0	0	100	100	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	100	0	0	0	0	0	0	0	0	0	0	100
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	800	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	2.200	0	10.200	4.600	500	5.000	7.800	13.600
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	300	0	800	200	0	0	300	400
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	300	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	41.000	0	0	0	4.600	4.600	3.400	1.800	0	4.600	88.900	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Navicula ammobila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	400	0	0	300	0	0	0	0	300	500
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	500	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	100	100	0	300	1.600	400	100	200	0	0	100	100
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	13.700	2.300	4.600	0	4.600	200	2.300	1.200	22.800	4.600	6.800	0
<i>P. cf. pseudodelicatissima</i>	314.600	2.300	25.100	10.700	11.400	2.300	2.300	11.400	800	6.800	9.100	4.600
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	125.400	100	2.300	6.800	1.100	2.000	1.000	400	4.600	400	2.300	400
<i>Skeletonema costatum</i>	930.200	45.600	665.800	485.600	1.550.400	948.500	1.315.600	855.000	606.500	636.100	1.160.500	337.400
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	456.000	38.800	351.100	246.200	729.600	301.000	278.200	139.100	166.400	111.700	275.900	98.000
<i>Thalassiosira subtilis</i>	519.800	34.200	104.900	84.400	168.700	102.600	134.500	98.000	38.800	27.400	175.600	66.100
<i>Thalassiosira cf. anguste-lineata</i>	2.200	0	800	400	2.000	800	3.000	200	2.400	300	3.400	200
<i>Thalassiosira cf. decipiens</i>	800	400	0	0	3.000	2.600	2.400	2.000	0	800	6.600	1.600
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	500	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	600	0	0	0	300	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 54 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	23-mar-09		23-mar-09		25-mar-09		23-mar-09		25-mar-09		24-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	400	300	0	0	200	300	0	100
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	0	0	0	200	0	0	0	100	100	0	100
<i>Dinophysis acuta</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	800	0	0
<i>Gyrodinium spp.</i>	1.000	0	1.000	400	6.800	2.000	5.800	1.800	2.000	0	2.200	600
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	200	200	1.000	200	5.200	1.200	6.000	1.600	4.400	2.600	6.400	3.200
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Procerentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	600	300	0	0	0	0	100	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	300	0	0	0	300	100	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium conicum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	100	0	0	0	0	100	0	0	200	100	200	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	100	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	100
TOTAL DIATOMEAS	2.626.800	124.400	1.177.400	835.600	2.505.400	1.372.200	1.778.800	1.125.800	848.100	799.700	1.752.300	531.400
TOTAL DINOFLAGELADOS	1.500	200	2.000	700	13.800	4.000	11.800	3.400	7.300	4.000	9.200	4.000
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	100
TOTAL	2.628.300	124.600	1.179.400	836.300	2.519.200	1.376.200	1.790.600	1.129.200	855.400	803.700	1.761.500	535.500

Anexo 54 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia	
	24-mar-09		31-mar-09		31-mar-09		31-mar-09		31-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS										
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	100	100	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	2.000	500	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	600	0	0	0	0	800	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	400	0	0
<i>Chaetoceros debilis</i>	2.600	700	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	400	0	0	0	0	700	0	1.600	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	700	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	2.100	1.200	0	0	0	4.400	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	300	0	400	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cf. subtilis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	1.200	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	300	0	0	0	700	0	500	400	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	100	100	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	6.800	9.100	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	100	100	0	0	0	600	100	800	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	43.300	18.200	0	0	1.100	1.200	1.000	800	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0
<i>Navicula ammobila</i>	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	500	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicruris</i>	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	100	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	100	0
<i>Pseudo-nitzschia cf. australis</i>	4.600	6.800	1.400	0	200	0	200	0	27.400	0
<i>P. cf. pseudodelicatissima</i>	18.200	4.600	600	1.100	1.000	900	0	2.200	36.500	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	0	200	0	0	200	400	200	900	0
<i>Skeletonema costatum</i>	280.400	704.500	280.400	408.100	469.700	77.500	446.900	533.500	230.300	234.800
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	73.000	82.100	600	900	100	0	0	1.000	2.300	300
<i>Thalassiosira subtilis</i>	16.000	45.600	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	400	2.000	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	800	14.500	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	200	200	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	100
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	100	0

Anexo 54 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia	
	24-mar-09		31-mar-09		31-mar-09		31-mar-09		31-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS										
<i>Alexandrium catenella</i>	0	200	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	3.000	1.200	100	0	100	100	200	0	300	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	100	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	100	0	0
<i>Oxytoxum scolopax</i>	0	0	100	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	3.000	2.400	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0
<i>Procerentrum micans</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoceraium reticulatum</i>	0	300	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium pentagonum</i>	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	100	0	0	0	300	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	100	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS										
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS										
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS										
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	451.100	889.500	285.300	411.300	472.800	82.700	449.400	546.000	297.600	235.200
TOTAL DINOFLAGELADOS	6.100	4.200	300	100	100	200	700	100	300	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0
TOTAL	457.200	893.700	285.600	411.400	472.900	82.900	450.100	546.100	297.900	235.200

Anexo 54 (continuación)

	A59 I. Zealous		A60 Pta. Baker	
	31-mar-09		1-abr-09	
	0-10m	10-20m	0-10m	10-20m
DIATOMEAS				
<i>Achnanthes longipes</i>	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0
<i>Chaetoceros cf. subtilis</i>	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0
<i>Chaetoceros spp.</i>	1.300	0	300	0
<i>Corethron pennatum</i>	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0
<i>Coscinodiscus jansschii</i>	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0
<i>Guinardia delicatula</i>	0	0	400	0
<i>Guinardia flaccida</i>	0	0	0	0
<i>Gyrodinium balticum</i>	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0
<i>Leptocylindrus minimus</i>	700	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0
<i>Melosira varians</i>	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0
<i>Odontella longicruris</i>	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0
<i>Pleurosigma normani</i>	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	3.000	400	0	200
<i>P. cf. pseudodelicatissima</i>	400	0	200	200
<i>Rhabdonema minutum</i>	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0
<i>Skeletonema costatum</i>	182.400	50.200	152.800	52.400
<i>Stephanopyxis turris</i>	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0
<i>Thalassionema nitzschioides</i>	1.400	300	1.200	300
<i>Thalassiosira subtilis</i>	0	0	400	300
<i>Thalassiosira cf. anguste-lineata</i>	0	0	100	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0

Anexo 54 (continuación)

	A59 I. Zealous 31-mar-09		A60 Pta. Baker 1-abr-09	
	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS				
<i>Alexandrium catenella</i>	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	200	100
<i>Heterocapsa triquetra</i>	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0
<i>Polykrikos spp.</i>	100	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	200	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0
SILICOFLAGELADOS				
<i>Dictyocha speculum</i>	0	0	0	0
ZOOMASTIGOFOROS				
<i>Ebria tripartita</i>	0	0	0	0
EUGLENOFICEAS				
<i>Euglenoficeas indet.</i>	0	0	0	0
TOTAL DIATOMEAS	189.200	50.900	155.400	53.400
TOTAL DINOFLAGELADOS	100	0	400	100
TOTAL SILICOFLAGELADOS	0	0	0	0
TOTAL OTROS	0	0	0	0
TOTAL	189.300	50.900	155.800	53.500

Anexo 55
Densidad de fitoplancton (cél·L⁻¹) en la región de Aysén.
Crucero 4 (14 abril - 10 mayo 2009).

	A01		A02		A03		A04		A05		A05N1	
	I. Virginia-B. Low		Repollal-C. Puquitrín		Pto. Barrientos		I. Julia-G. Peligroso		I. Ovalada		I. Valverde	
	29-abr-09		30-abr-09		30-abr-09		3-may-09		1-may-09		1-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	600	0	0	0	0	0	0	0	0	0
<i>Climacosphenia monilifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	100	0	0	0	0	0	0	100	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	200	100	0	0	200	0	0	0	400	0	0	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	100	200	0	100
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	200	0	0	0	0	0	0	200	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium aureolum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	300	400	800	1.200	0	0	500	200	700	0	200	400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	800	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	300	0	0	100	2.800	200	0	0	200	300	200	200
<i>P. cf. pseudodelicatissima</i>	800	0	100	200	0	0	0	200	400	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	300	0	100	0	200	0	100	100	100	200	0	100
<i>Rhizosolenia styliformis</i>	0	0	200	0	0	0	0	400	0	0	0	0
<i>Skeletonema costatum</i>	2.900	300	7.800	800	2.900	3.700	400	400	0	400	600	1.600
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	600	0	100	400	1.200	200	500	400	1.800	500	400	1.000
<i>Thalassiosira subtilis</i>	0	0	200	0	600	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	100	0	0	0	100	0	100	0
<i>Diatomeas pennadas indet.</i>	200	200	0	0	0	0	100	100	0	0	0	0

Anexo 55 (continuación)

	A01 I. Virginia-B. Low		A02 Repollat-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	29-abr-09		30-abr-09		30-abr-09		3-may-09		1-may-09		1-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphisolenia</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax</i> cf. <i>spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	100	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	100	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum</i> cf. <i>minimum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excavatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	100	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	5.900	2.100	9.900	2.900	8.700	4.400	1.700	1.800	4.000	1.600	1.600	3.500
TOTAL DINOFLAGELADOS	0	0	100	0	100	200	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	100	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	5.900	2.100	10.000	2.900	8.800	4.600	1.800	1.800	4.000	1.600	1.600	3.500

Anexo 55 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	18-abr-09		18-abr-09		18-abr-09		18-abr-09		18-abr-09		18-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	500	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	200	0	300	0	200	300	200	0	100	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	600	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	1.200	0	1.400	0	900	200	600	0	0	0	0	400
<i>Chaetoceros debilis</i>	0	0	1.600	0	6.000	0	3.800	0	1.800	0	0	0
<i>Chaetoceros decipiens</i>	1.400	600	2.000	0	900	0	0	0	1.400	0	700	400
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	900	0	0	0	0	0	600	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	500	0	0	0	700	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	400	0	2.600	0	2.200	0	4.000	0	3.200	0	1.000	300
<i>Climacosphenia moniligera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	600	100	1.600	0	2.400	600	0	0	500	0	200	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	18.200	1.200	45.600	0	22.800	4.600	13.700	2.300	29.600	9.100	4.600	2.300
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Ditylum brightwellii</i>	600	200	5.800	0	4.200	2.300	4.000	400	2.300	400	6.400	1.000
<i>Eucampia zodiacus</i>	0	0	0	0	600	0	0	0	1.400	0	800	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Grammatophora marina</i>	0	0	100	0	0	700	100	200	100	100	200	0
<i>Guinardia delicatula</i>	1.200	1.000	2.400	0	7.400	200	20.500	100	3.200	0	6.600	200
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	73.000	0	127.700	0	344.300	43.300	232.600	27.400	168.700	13.700	228.000	29.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	200	0	0	0	0	0	300
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	100	0	0	100	0	0	100	0	0	0	100
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	759.200	109.400	761.500	0	998.600	191.500	1.231.200	43.300	1.042.000	84.400	#####	262.200
<i>P. cf. pseudodelicatissima</i>	22.800	93.500	1.609.700	0	1.044.200	191.500	2.305.100	91.200	2.213.900	152.800	3.971.800	419.500
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	364.800	54.700	515.300	0	282.700	34.200	266.800	13.700	312.400	22.800	624.700	73.000
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	232.600	29.600	396.700	0	130.000	11.400	4.000	2.400	143.600	9.100	191.500	43.300
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Thalassionema nitzschoides</i>	0	6.800	41.000	0	20.500	4.600	13.700	9.100	25.100	13.700	73.000	6.800
<i>Thalassiosira subtilis</i>	0	0	0	0	4.600	0	27.400	0	0	0	9.100	2.300
<i>Thalassiosira cf. anguste-lineata</i>	0	400	0	0	200	0	400	0	100	0	200	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	400	0	200	0	400	0	200	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	300	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	100	0	0	0	0	0	0	0	0	0	0

Anexo 55 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zahartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	18-abr-09		18-abr-09		18-abr-09		18-abr-09		18-abr-09		18-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	100	0	0	0	0	0	0	0	100	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphisolenia</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	100	0	0	0	100	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	100	400	0	0	0	300	0	100	0	500	100
<i>Dinophysis acuta</i>	100	0	0	0	0	0	0	0	0	0	100	0
<i>Gonyaulax</i> cf. <i>spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	200	0
<i>Gyrodinium</i> spp.	0	100	500	200	300	0	2.600	0	1.000	0	1.000	0
<i>Heterocapsa triquetra</i>	300	7.000	1.400	600	4.200	800	47.800	12.200	25.100	0	232.600	25.100
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	100	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	100	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Procerentrum</i> cf. <i>minimum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	300	100	500	0	100	100	7.200	0	8.200	100	3.400	400
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	200	0	100	0	100	0	3.400	0	100	0	1.300	100
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excavatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	100	0	100	0	300	0	400	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	100	0	200	0	200	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>mite</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium</i> cf. <i>oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pallidum</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	700	0	200	0	0	0	0	0	0	0	1.200	0
<i>Protoperidinium</i> cf. <i>steinii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium</i> cf. <i>thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	100	0	0	100	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	100	0	200	0	200	0	300	0	400	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	200	0	0	0	100	0	500	0	0	0	0	0
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.476.200	297.700	3.516.700	0	2.873.900	485.600	4.129.800	190.400	3.950.400	306.100	7.400.000	841.700
TOTAL DINOFLAGELADOS	1.700	7.300	3.400	900	5.100	900	62.200	12.300	35.400	100	241.600	25.700
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	100	0
TOTAL OTROS	200	0	0	0	100	0	500	0	0	0	0	0
TOTAL	1.478.100	305.000	3.520.100	900	2.879.100	486.500	4.192.500	202.700	3.985.800	306.200	7.641.700	867.400

Anexo 55 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	20-abr-09		18-abr-09		17-abr-09		17-abr-09		17-abr-09		17-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	100	0	0	400	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	400	400	0	0	200	0	600	0	3.600	0	400	200
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	200	0	100	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	2.800	0	0	0	1.800	400	1.000	0	1.400	0	1.000	0
<i>Chaetoceros constrictus</i>	3.000	0	0	0	0	0	0	0	700	0	400	400
<i>Chaetoceros convolutus</i>	800	400	0	0	0	0	400	0	500	400	600	0
<i>Chaetoceros debilis</i>	9.400	1.600	0	0	600	0	10.200	0	14.600	0	8.000	1.800
<i>Chaetoceros decipiens</i>	0	0	1.000	0	0	0	1.600	0	2.600	0	2.400	5.000
<i>Chaetoceros diadema</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	400	0	0	0	0	0	0	0	0	600	1.000	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	500	0	0	0	0	600	0	600	0	1.000	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	700	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	18.800	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	600	0	0	0	0	1.100	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	1.400	0	0	0	800	0	1.800	0	0	0	0	0
<i>Climacosphenia monilifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	400	300	600	100	0	0	100	0	0	0	100	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	2.300	4.600	4.600	100	11.400	2.300	22.800	0	27.400	9.100	27.400	11.400
<i>Detonula pumila</i>	800	0	0	0	200	0	400	0	200	200	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	2.200	1.400	0	0	800	300	1.200	0	4.200	2.300	11.400	2.300
<i>Eucampia zodiacus</i>	0	700	0	0	0	0	1.000	0	400	0	500	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	5.400	8.200	100	0	0	0	12.000	3.600	0	0
<i>Guinardia delicatula</i>	8.000	2.000	0	0	2.600	100	8.800	0	7.000	2.000	4.400	1.800
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	109.400	11.400	45.600	1.200	139.100	54.700	291.800	0	513.000	31.900	109.400	102.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	400	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	100	0	0	0	0	100	0	100	100	200	100
<i>Pleurosigma normanii</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	75.200	36.500	590.500	34.200	581.400	412.700	720.500	0	1.101.200	84.400	1.240.200	353.400
<i>P. cf. pseudodelicatissima</i>	323.800	145.900	1.926.600	70.700	1.881.000	681.700	2.261.800	0	2.140.900	161.900	2.209.300	592.800
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Rhizosolenia hebetata</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	184.700	50.200	50.200	0	731.900	136.800	579.100	0	684.000	43.300	389.900	207.500
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	207.500	9.100	22.800	0	86.600	27.400	223.400	0	41.000	27.400	166.400	196.100
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	18.200	50.200	11.400	1.000	34.200	11.400	63.800	0	34.200	20.500	164.200	244.000
<i>Thalassiosira subtilis</i>	0	0	0	0	400	0	2.000	0	5.000	800	25.100	9.100
<i>Thalassiosira cf. anguste-lineata</i>	200	200	0	0	200	0	0	0	0	0	1.000	1.200
<i>Thalassiosira cf. decipiens</i>	400	1.400	0	0	600	0	0	0	400	0	600	200
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	100	0

Anexo 55 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	20-abr-09		18-abr-09		17-abr-09		17-abr-09		17-abr-09		17-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	200	0	0	0	0	0	0	100
<i>Alexandrium ostentfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium spp.</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Amphisolenia sp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	0	0	300	0	500	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	100	0	0	0	700	300	400	200	300	0	0	100
<i>Heterocapsa triquetra</i>	100	0	11.000	0	2.000	500	3.000	200	700	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proocentrum cf. minimum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	100	0	400	0	200	0
<i>Protoperidinium aspidiotum</i>	1.100	200	0	0	600	100	2.800	200	4.000	0	2.900	300
<i>Protoperidinium claudicans</i>	100	0	0	0	0	0	200	0	0	0	800	0
<i>Protoperidinium conicum</i>	300	0	0	0	100	0	500	0	700	0	0	100
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excavatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	700	0	1.700	0	0	100
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	200	0	0	300
<i>Protoperidinium cf. depressum</i>	0	0	0	0	300	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	400	0	0	0	0	0	300	100	200	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	100	0	100	0	0	0	0	0	0	0	100	100
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	500	0	0	100
<i>Protoperidinium cf. pellucidum</i>	300	0	100	0	500	0	1.100	100	0	0	0	100
<i>Protoperidinium cf. steinii</i>	100	0	0	0	0	0	100	0	100	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	200	100	0	0	0	0	300	0
<i>Protoperidinium spp.</i>	0	0	0	0	200	0	0	0	500	0	0	100
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	100	0	100	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	951.700	316.900	2.658.800	115.700	3.474.100	1.329.500	4.194.100	0	4.613.800	388.700	4.366.100	1.730.100
TOTAL DINOFLAGELADOS	3.100	400	11.400	0	5.200	1.000	9.800	900	9.300	0	4.300	1.500
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	954.800	317.300	2.670.200	115.700	3.479.300	1.330.500	4.203.900	900	4.623.100	388.700	4.370.400	1.731.600

Anexo 55 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quitralko		A28 Pta. Lynch		A29 Pto. Bonito	
	22-abr-09		16-abr-09		15-abr-09		16-abr-09		16-abr-09		15-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	200	0	0	100	0	0	0	0	100	0	0	0
<i>Asterionellopsis glacialis</i>	800	0	1.200	0	4.200	2.200	400	0	2.400	0	600	0
<i>Bacillaria paxillifera</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	100	100	0	0	300	0	0	0	100	100
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	1.600	1.200	0	0	0	500	800	0	0
<i>Chaetoceros constrictus</i>	0	0	500	0	0	1.700	0	0	1.700	600	0	1.000
<i>Chaetoceros convolutus</i>	0	0	700	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	8.400	900	16.000	3.000	3.400	2.000	7.000	4.600	10.000	0	28.000	800
<i>Chaetoceros decipiens</i>	1.200	1.100	1.800	2.200	0	0	1.200	1.200	400	1.400	500	0
<i>Chaetoceros diadema</i>	0	0	1.700	0	1.500	0	800	800	2.000	400	0	0
<i>Chaetoceros didymus</i>	400	0	0	0	1.200	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	800	1.200	2.900	0	0	0	0	0	600	0	1.100	400
<i>Chaetoceros radicans</i>	600	0	0	0	400	0	0	0	1.400	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	1.400	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	800	0	1.600	0	700	0	1.200	0	0	0	1.400	1.200
<i>Climacosphenia monilifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	9.100	400	6.800	6.800	13.700	6.800	25.100	6.800	2.300	100	2.300	4.600
<i>Detonula pumila</i>	0	0	2.400	0	800	900	0	0	1.600	0	400	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	9.100	2.300	6.800	0	8.600	4.000	4.600	4.600	4.600	2.300	5.000	2.300
<i>Eucampia zodiacus</i>	2.000	0	1.400	0	500	0	0	0	0	200	1.400	1.800
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	200	500	2.300	0	400	600	300	0	0	100	0	100
<i>Guinardia flaccida</i>	0	0	100	0	0	0	700	0	0	0	700	0
<i>Gyrodinium aureolum</i>	0	0	0	0	0	0	0	0	400	0	0	0
<i>Lauderia annulata</i>	700	0	0	0	0	0	400	0	0	0	200	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	27.400	0	0	0	1.200	2.200	11.400	4.600	4.600	0	1.200	18.200
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	800	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	400	0	1.000	600	0	100	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	600	0	0	0	0	0	0
<i>Pleurosigma directum</i>	300	0	0	0	0	0	100	0	100	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	18.200	2.300	34.200	1.600	4.600	4.600	130.000	31.900	47.900	9.100	157.300	43.300
<i>P. cf. pseudodelicatissima</i>	127.700	4.600	16.000	6.800	6.800	11.400	155.000	59.300	27.400	2.300	52.400	50.200
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	18.200	300	6.800	6.800	6.800	4.600	16.000	6.800	4.600	400	6.800	4.600
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	3.451.900	928.000	1.215.200	205.200	50.200	70.700	#####	959.900	1.012.300	497.000	1.814.900	1.427.400
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Suirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	3.458.800	1.463.800	1.285.900	540.400	148.200	88.900	636.100	230.300	396.700	159.600	209.800	84.400
<i>Thalassiosira subtilis</i>	63.800	4.600	16.000	1.000	11.400	0	41.000	6.800	25.100	0	34.200	9.100
<i>Thalassiosira cf. anguste-lineata</i>	7.400	1.000	5.600	1.800	800	400	200	200	600	400	4.000	2.000
<i>Thalassiosira cf. decipiens</i>	11.800	1.400	1.800	1.200	800	0	1.200	1.000	1.400	1.000	1.600	1.200
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	700	0	1.700	900	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	300	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	200	0

Anexo 55 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quitralco		A28 Pta. Lynch		A29 Pto. Bonito	
	22-abr-09		16-abr-09		15-abr-09		16-abr-09		16-abr-09		15-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	200	100	500	0	100	0	600	100
<i>Alexandrium ostenfeldii</i>	0	0	100	0	0	0	0	0	100	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphisolenia</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	400	0	0	100	100	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	100	0	0	0	0	0	0	0	0	100	0	0
<i>Gonyaulax</i> cf. <i>spinifera</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	500	0	0	0	0	0	200	0
<i>Gyrodinium</i> spp.	500	200	300	300	400	0	400	0	500	0	200	100
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	100	0	0	0	300	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	100	0	100	0	0	200	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	200	100	0	0	300	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proocentrum</i> cf. <i>minimum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	200	200	0	0	0	0	0	0	100	0	400	0
<i>Protoperidinium</i> cf. <i>claudicans</i>	0	0	0	0	0	0	0	100	100	0	100	0
<i>Protoperidinium conicum</i>	0	0	100	0	100	0	100	0	0	0	100	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excavatum</i>	0	0	0	0	0	0	0	0	0	0	300	0
<i>Protoperidinium excentricum</i>	600	0	100	0	100	0	200	0	300	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	100	0	0	100	0	100	0	0	0
<i>Protoperidinium punctulatum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>depressum</i>	0	0	0	0	0	0	100	100	0	0	0	0
<i>Protoperidinium</i> cf. <i>grani</i>	0	100	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium</i> cf. <i>leonis</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium</i> cf. <i>nite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>oblongum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>ovatum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thulesense</i>	0	0	0	0	100	0	100	0	0	0	0	100
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium</i> spp.	100	0	0	0	0	0	400	100	100	0	300	200
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	100	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	7.221.800	2.412.900	2.630.000	779.500	268.800	202.300	5.125.600	1.318.900	1.548.700	675.700	2.325.500	1.652.700
TOTAL DINOFLAGELADOS	2.000	600	800	800	1.700	100	2.500	400	1.400	200	3.400	500
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	100	0	0	0	0	0	0	0	0	0
TOTAL	7.223.800	2.413.500	2.630.900	780.300	270.500	202.400	5.128.100	1.319.300	1.550.100	675.900	2.328.900	1.653.200

Anexo 55 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	17-abr-09		17-abr-09		17-abr-09		1-may-09		1-may-09		20-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	1.400	1.800	0	800	600	0	0	0	0	0	2.000	200
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	200	400	0	0	0	600	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	1.300	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	1.000	2.200	1.200	600	0	0	0	0	0	1.800	0
<i>Chaetoceros constrictus</i>	0	0	1.500	2.000	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	700	900	0	0	0	0	0	0	0	700	0
<i>Chaetoceros debilis</i>	9.200	3.800	5.000	2.200	1.000	700	0	0	0	0	13.400	0
<i>Chaetoceros decipiens</i>	400	2.600	800	800	1.400	1.600	0	0	0	0	3.200	0
<i>Chaetoceros diadema</i>	400	1.400	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	1.800	0	600	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	1.400	0	1.400	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	1.100	1.100	0	200	600	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	1.400	1.000	0	0	0	0	0	0	0	0	1.000	0
<i>Climacosphenia monilifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	18.200	11.400	13.700	11.400	6.800	6.800	200	100	0	100	11.400	6.800
<i>Detonula pumila</i>	3.200	3.800	800	2.200	600	0	0	0	0	0	2.400	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	27.400	18.200	13.700	4.600	9.100	0	0	100	0	0	9.100	2.300
<i>Eucampia zodiacus</i>	4.000	0	2.400	400	0	0	0	0	0	0	500	1.400
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	2.800	5.200	4.800	600	2.400	400	0	0	0	0	12.600	4.600
<i>Guinardia flaccida</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	187.000	43.300	104.900	20.500	54.700	0	900	1.100	400	2.000	100.300	45.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	200	100	100	0	100	0	0	0	0	0	100	200
<i>Pleurosigma normanii</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	556.300	442.300	654.000	419.500	255.400	4.600	400	0	3.200	500	109.400	31.900
<i>P. cf. pseudodelicatissima</i>	921.100	558.600	1.482.000	852.700	914.300	6.800	700	0	800	300	301.000	91.200
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	237.100	171.000	259.900	198.400	173.300	4.600	200	0	1.800	500	273.600	63.800
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	442.300	1.270.000	22.800	253.100	159.600	264.500	1.600	400	16.600	2.000	57.000	29.600
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	519.800	542.600	168.700	303.000	399.000	408.100	1.900	1.000	2.200	2.400	246.200	155.000
<i>Thalassiosira subtilis</i>	18.000	57.000	4.600	13.700	9.100	4.600	0	0	0	0	4.600	16.000
<i>Thalassiosira cf. anguste-lineata</i>	3.600	3.400	2.800	1.400	5.400	200	0	0	0	0	600	400
<i>Thalassiosira cf. decipiens</i>	2.600	3.000	0	3.600	1.000	300	0	0	0	0	400	200
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	600	0	200	0	200	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	300	400	0	0	0	0	0	0	0	0	0	400
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 55 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	17-abr-09		17-abr-09		17-abr-09		1-may-09		1-may-09		20-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	100	0
<i>Amphisolenia</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	2.400	100	5.000	600	800	0	0	0	0	0	200	0
<i>Dinophysis acuta</i>	100	0	0	0	100	0	0	0	0	0	0	0
<i>Gonyaulax</i> cf. <i>spinifera</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	600	400	300	200	0	200	0	0	0	0	100	100
<i>Heterocapsa triquetra</i>	0	0	500	200	0	0	0	0	0	0	100	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	100	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	300	0	0	0	100	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proocentrum</i> cf. <i>minimum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	100	100	100	0	600	0	0	0	0	0	100	0
<i>Protoperidinium aspidiotum</i>	7.800	900	12.200	1.300	2.800	100	0	0	0	0	3.000	300
<i>Protoperidinium claudicans</i>	700	100	1.200	400	1.300	0	0	0	0	0	200	0
<i>Protoperidinium conicum</i>	800	0	700	0	700	0	0	0	0	0	400	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excavatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	600	300	2.000	300	2.100	0	0	0	0	0	300	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	100	0	400	100	100	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	100	200	0	300	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>depressum</i>	0	0	100	0	100	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>grani</i>	400	400	400	0	500	0	0	0	0	0	100	100
<i>Protoperidinium</i> cf. <i>leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>oblongum</i>	100	0	100	0	200	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	100	100	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	1.000	300	400	1.000	800	0	0	0	0	0	400	0
<i>Protoperidinium</i> cf. <i>steinii</i>	0	0	100	0	300	0	0	0	0	0	100	0
<i>Protoperidinium</i> cf. <i>thorianum</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium</i> spp.	300	200	200	100	200	100	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	200	0	0	0	0	0	200	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	200	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	0	100	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.961.300	3.146.100	2.748.000	2.092.700	1.995.100	704.100	6.000	2.800	25.000	7.800	1.151.300	449.600
TOTAL DINOFLAGELADOS	16.200	3.100	23.800	4.800	11.500	400	0	0	0	0	5.200	500
TOTAL SILICOFLAGELADOS	100	0	100	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2.977.600	3.149.200	2.771.900	2.097.500	2.006.600	704.500	6.000	2.800	25.000	7.800	1.156.500	450.100

Anexo 55 (continuación)

	A36 G. Enjambre		A37 I. Teresa		A38N1 I. Jesus		A39 Pto. Lampazo		A40 I. Silachilu		A41 C. Ninualac	
	20-abr-09		21-abr-09		21-abr-09		21-abr-09		21-abr-09		21-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	1.400	900	1.000	800	31.900	4.600	16.000	6.800	2.200	400	200	200
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	100	0	0	0	0	200	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	500	0	0	0
<i>Chaetoceros compressus</i>	1.000	0	0	1.000	0	400	1.200	0	1.000	1.200	700	0
<i>Chaetoceros constrictus</i>	700	0	3.600	1.500	1.700	0	800	0	5.000	600	4.000	0
<i>Chaetoceros convolutus</i>	0	0	600	0	0	0	1.100	0	0	0	0	0
<i>Chaetoceros debilis</i>	12.000	1.500	2.800	5.800	4.000	1.400	18.800	10.200	2.800	4.200	4.600	1.400
<i>Chaetoceros decipiens</i>	800	0	400	0	2.400	0	2.000	5.000	500	2.200	1.600	0
<i>Chaetoceros diadema</i>	0	400	700	500	200	0	0	0	0	600	300	800
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	1.200	0	0	300	500	0	1.200	0	400	0	0	0
<i>Chaetoceros radicans</i>	1.200	0	400	0	0	2.200	0	2.400	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	500	600	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	1.600	0	1.000	4.400	4.200	0	5.000	1.400	0	0	1.000	0
<i>Climacosphenia monilifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	16.000	13.700	11.400	22.800	27.400	11.400	27.400	13.700	4.600	9.100	13.700	6.800
<i>Detonula pumila</i>	900	0	0	400	4.200	600	1.800	400	400	400	200	300
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	13.700	0	9.100	11.400	9.100	6.800	9.100	9.100	10.200	4.400	9.100	13.700
<i>Eucampia zodiacus</i>	500	0	0	1.600	6.200	4.000	6.400	0	9.400	0	2.800	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.000	300	2.400	1.000	2.600	2.600	300	400	400	0	700	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Leptocylindrus minimus</i>	16.000	22.800	68.400	47.900	95.800	20.500	11.400	36.500	13.700	0	13.700	6.800
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	600	400	0	200	0	0	0	0	0	400
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	100	0	0	0	0	0	0	100	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	141.400	25.100	109.400	189.200	118.600	70.700	130.000	70.700	91.200	31.900	61.600	29.600
<i>P. cf. pseudodelicatissima</i>	157.300	27.400	134.500	280.400	221.200	75.200	127.700	93.500	54.700	4.600	66.100	29.600
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	91.200	20.500	305.500	460.600	182.400	84.400	61.600	31.900	34.200	22.800	43.300	25.100
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	305.500	273.600	141.400	319.200	134.500	141.400	1.153.700	567.700	2.421.400	786.600	1.158.200	544.900
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	600	100	0	0	300
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	396.700	232.600	212.000	264.500	339.700	107.200	706.800	563.200	1.071.600	576.800	791.200	401.300
<i>Thalassiosira subtilis</i>	41.000	0	31.900	6.800	50.200	18.200	29.600	43.300	22.800	22.800	45.600	9.100
<i>Thalassiosira cf. anguste-lineata</i>	1.000	0	200	1.800	9.100	2.300	5.600	1.400	800	2.800	400	600
<i>Thalassiosira cf. decipiens</i>	2.400	900	800	200	2.300	2.300	2.200	800	3.800	1.200	1.200	1.200
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	100	0	600	100	1.000	200	0	600	1.800	300
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	1.000	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 55 (continuación)

	A36 G. Enjambre		A37 I. Teresa		A38N1 I. Jesus		A39 Pto. Lampazo		A40 I. Silachilu		A41 C. Ninualac	
	20-abr-09		21-abr-09		21-abr-09		21-abr-09		21-abr-09		21-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	100	0	0	0	0	0	0	0	100
<i>Alexandrium ostenfeldii</i>	0	0	100	0	0	0	0	0	200	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphisolenia</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	2.000	200	0	100	200	200	0	100	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Gonyaulax</i> cf. <i>spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	300	0	0	100	0	0	100	0	300	200	100	300
<i>Heterocapsa triquetra</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Heteroschisma</i> spp.	0	0	600	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	100	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum</i> cf. <i>minimum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	200	0	1.700	300	400	100	100	100	100	0	100	0
<i>Protoperidinium claudicans</i>	200	0	200	0	300	100	100	100	0	100	0	0
<i>Protoperidinium conicum</i>	100	0	1.000	100	0	0	100	0	0	0	100	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excavatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	100	100	200	100	200	0	300	0	0	0	300	0
<i>Protoperidinium oceanicum</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	300	0	0	0	0	0	0	100	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>grani</i>	100	0	900	100	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>leonis</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>mite</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>oblongum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	300	0	200	0	0	100	0	0	0	0
<i>Protoperidinium</i> cf. <i>steinii</i>	0	0	100	100	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thorianum</i>	0	0	200	0	0	0	0	0	100	0	0	0
<i>Protoperidinium</i> cf. <i>thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium</i> spp.	0	0	300	400	0	100	500	200	0	100	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	100	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.204.600	619.700	1.038.200	1.622.800	1.248.800	557.200	2.322.300	1.459.200	3.751.900	1.473.400	2.222.400	1.072.500
TOTAL DINOFLAGELADOS	1.300	200	8.700	1.600	1.300	400	1.500	700	800	600	800	400
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.205.900	619.900	1.046.900	1.624.400	1.250.100	557.600	2.323.800	1.459.900	3.752.800	1.474.000	2.223.200	1.072.900

Anexo 55 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churrecúe		A47 I. Castillo	
	16-abr-09		14-abr-09		14-abr-09		14-abr-09		14-abr-09		14-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	1.200	800	0	400	400	300	0	600	0	400	600
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	100	0	600	100	0	0	0
<i>Chaetoceros affinis</i>	700	0	900	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	2.400	1.000	0	1.800	0	0	0	4.400	1.200	0	2.400
<i>Chaetoceros constrictus</i>	0	2.000	0	0	2.800	900	200	0	0	700	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Chaetoceros debilis</i>	14.000	14.800	11.200	4.800	6.400	13.000	3.800	700	2.400	3.400	11.200	5.400
<i>Chaetoceros decipiens</i>	0	0	2.800	0	4.000	4.200	0	1.600	0	600	1.200	1.400
<i>Chaetoceros diadema</i>	0	0	900	0	1.000	900	0	0	500	0	800	500
<i>Chaetoceros didymus</i>	0	0	0	700	0	0	0	0	0	0	200	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	1.700	500	500	700	4.200	0	0	0	600	600	1.800	1.400
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	600	600
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	3.400	1.200	0	700	0	1.100	1.000
<i>Climacosphenia monilifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	100	100	0	100	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Cylindrotheca closterium</i>	9.100	9.100	9.100	2.300	11.400	4.600	9.100	6.800	6.800	100	4.600	2.300
<i>Detonula pumila</i>	0	400	1.200	0	2.600	2.400	0	0	0	0	1.200	2.000
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	9.100	2.300	6.800	4.600	16.000	6.800	4.600	0	22.800	9.100	11.400	13.700
<i>Eucampia zodiacus</i>	1.800	0	3.600	1.000	400	4.000	2.000	0	700	0	1.400	400
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	600	0	0	0	0	0	100	400	0	100	0	200
<i>Guinardia flaccida</i>	0	0	0	0	300	0	0	100	600	0	600	200
<i>Gyrodinium aureolum</i>	0	0	0	0	0	0	500	0	0	0	0	0
<i>Lauderia annulata</i>	0	700	400	0	300	0	100	0	0	0	200	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	600	1.600	4.600	0	0	0	0	0	0	800	300	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	100	200	0	300	200	100	100
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	66.100	31.900	47.900	22.800	31.900	50.200	18.200	4.600	54.700	22.800	82.100	47.900
<i>P. cf. pseudodelicatissima</i>	61.600	9.100	77.500	13.700	34.200	36.500	27.400	6.800	20.500	13.700	29.600	20.500
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	22.800	4.600	45.600	6.800	41.000	22.800	22.800	4.600	13.700	16.000	36.500	25.100
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	946.200	417.200	1.812.600	633.800	1.851.400	1.780.700	1.160.500	264.500	1.899.200	560.900	1.988.200	1.272.200
<i>Stephanopyxis turris</i>	0	200	0	0	0	0	0	0	0	0	0	400
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	729.600	485.600	943.900	262.200	791.200	633.800	962.200	408.100	1.149.100	387.600	718.200	720.500
<i>Thalassiosira subtilis</i>	27.400	22.800	43.300	9.100	47.900	34.200	114.000	4.600	45.600	2.300	77.500	29.600
<i>Thalassiosira cf. anguste-lineata</i>	800	1.200	2.000	400	2.800	3.600	4.000	200	400	1.600	2.800	3.200
<i>Thalassiosira cf. decipiens</i>	2.600	800	2.400	1.200	2.800	2.600	600	300	600	1.400	5.600	5.000
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	400	400	0	200	400	200	0	400	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	300	200	0	0	0	0	0	0	0	0	0	200
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	300	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 55 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churrecue		A47 I. Castillo	
	16-abr-09		14-abr-09		14-abr-09		14-abr-09		14-abr-09		14-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Alexandrium ostentfeldii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphisolenia</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	400	200	100	0	0	0	200	0	100	100	300	0
<i>Dinophysis acuta</i>	0	200	0	0	0	100	100	0	0	0	0	0
<i>Gonyaulax</i> cf. <i>spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	200	0	0	0
<i>Gyrodinium</i> spp.	200	300	0	0	400	300	100	200	0	0	0	200
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	100	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	100	0	0	0	0	0	0	0	0	0	0	0
<i>Proocentrum</i> cf. <i>minimum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoceratium reticulatum</i>	100	0	0	0	0	100	0	0	0	0	0	100
<i>Protoperidinium aspidiotum</i>	400	300	100	0	100	0	200	100	100	100	200	0
<i>Protoperidinium claudicans</i>	500	100	300	100	300	0	0	0	0	0	100	100
<i>Protoperidinium conicum</i>	0	100	200	0	100	0	100	0	0	0	100	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium excavatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	1.100	0	0	100	600	100	400	0	0	0	300	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>depressum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>grani</i>	0	0	0	0	500	200	200	0	0	0	100	0
<i>Protoperidinium</i> cf. <i>leonis</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium</i> cf. <i>mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	100	0	100	0	200	0	0	100	0	0
<i>Protoperidinium</i> cf. <i>steinii</i>	100	0	0	0	0	100	0	0	100	200	0	0
<i>Protoperidinium</i> cf. <i>thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thulesense</i>	0	0	0	100	0	0	100	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperidinium</i> spp.	0	200	200	200	0	0	0	100	0	0	500	0
<i>Pyrophacus steinii</i>	0	0	0	0	200	0	0	0	0	100	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	200	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.895.100	1.008.600	3.019.400	964.500	2.854.800	2.605.800	2.332.600	704.100	3.224.400	1.023.500	2.977.600	2.156.800
TOTAL DINOFLAGELADOS	3.100	1.400	1.000	500	2.600	900	1.600	400	500	700	1.900	500
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	200	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.898.200	1.010.000	3.020.400	965.000	2.857.400	2.606.700	2.334.200	704.500	3.224.900	1.024.200	2.979.700	2.157.300

Anexo 55 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	14-abr-09		14-abr-09		16-abr-09		15-abr-09		16-abr-09		15-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	100	0	0	0	0	0	200	0	0	0
<i>Asterionellopsis glacialis</i>	31.900	0	800	200	0	200	0	0	500	1.400	4.200	800
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	100	100	0	0	0	400	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	1.300	0	0	0
<i>Chaetoceros compressus</i>	0	0	3.000	1.400	3.000	0	0	600	0	0	1.400	0
<i>Chaetoceros constrictus</i>	600	800	300	0	400	0	2.000	0	0	1.200	4.400	400
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	66.000	6.600	1.000	3.400	3.800	1.200	1.400	0	3.200	0	12.000	2.000
<i>Chaetoceros decipiens</i>	3.400	0	3.400	1.000	0	0	2.400	1.600	0	600	1.700	0
<i>Chaetoceros diadema</i>	0	0	0	600	1.900	500	500	2.600	500	0	1.800	400
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	1.600	0	0	2.600	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Chaetoceros lorentzianus</i>	400	0	0	600	500	0	0	0	0	0	1.900	300
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	1.200	0	600	0	3.400	0
<i>Chaetoceros similis</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	500
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	1.200	1.000	0	0	700	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	3.800	0	2.200	1.000	200	0	1.200	1.800	600	0	600	0
<i>Climacosphenia monilifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	547.200	4.600	31.900	9.100	600	800	800	2.300	2.300	800	4.600	6.800
<i>Detonula pumila</i>	0	0	700	2.600	0	0	2.600	2.000	0	0	800	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	22.800	6.800	13.700	4.600	3.400	2.200	16.000	13.700	4.600	1.600	6.800	9.100
<i>Eucampia zodiacus</i>	0	500	500	600	1.600	1.200	0	5.200	0	0	600	100
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	100	0	0	0	200	0	0
<i>Guinardia delicatula</i>	600	0	0	200	500	200	0	0	0	400	0	0
<i>Guinardia flaccida</i>	0	0	100	100	0	200	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	700	3.400	300
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	500	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	1.600	0	0	0	0	0	400	0	2.300
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	500	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	100	0	100	100	100	0	0	200	200	200	100	100
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	104.900	9.100	130.000	38.800	20.500	16.000	6.800	11.400	13.700	2.300	34.200	2.300
<i>P. cf. pseudodelicatissima</i>	75.200	4.600	57.000	22.800	34.200	11.400	16.000	6.800	20.500	2.300	36.500	11.400
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	59.300	45.600	77.500	31.900	3.200	2.300	4.600	29.600	9.100	0	11.400	2.300
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.368.000	501.600	1.589.200	549.500	551.800	230.300	326.000	579.100	829.900	319.200	184.700	82.100
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	1.190.200	435.500	932.500	513.000	383.000	232.600	556.300	597.400	246.200	141.400	114.000	171.000
<i>Thalassiosira subtilis</i>	104.900	9.100	91.200	43.300	800	600	25.100	31.900	16.000	11.400	4.600	4.600
<i>Thalassiosira cf. anguste-lineata</i>	1.400	600	6.800	2.300	1.400	200	1.400	200	1.200	0	1.400	400
<i>Thalassiosira cf. decipiens</i>	3.800	800	1.800	0	1.000	800	1.000	400	2.400	200	0	200
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	100	0	0	0	300	400	400	300	300	300	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 55 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	14-abr-09		14-abr-09		16-abr-09		15-abr-09		16-abr-09		15-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	100	0	0	0	0	0	0	0	6.000	200
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphisolenia</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	0	0	0	0	0	0	0	300	0	100	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax</i> cf. <i>spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	500	100	200	0	400	100	100	800	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	12.000	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	100	0	100	0	0	0	200	0	100	200	0	0
<i>Preperidinium meunieri</i>	0	0	100	0	100	0	100	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Procerentrum</i> cf. <i>minimum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	100	0	0	0	100	0	100	0	0	0
<i>Protoperidinium aspidiotum</i>	300	0	200	0	0	100	400	200	0	200	0	100
<i>Protoperidinium claudicans</i>	100	0	100	0	0	0	300	100	200	100	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	100	0	100	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excavatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	200	100	300	0	0	0	200	200	400	0	200	200
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>depressum</i>	0	0	200	0	0	0	0	0	0	0	0	100
<i>Protoperidinium</i> cf. <i>grani</i>	200	100	200	0	0	0	500	0	500	100	200	0
<i>Protoperidinium</i> cf. <i>leonis</i>	100	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>mite</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>oblongum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium</i> cf. <i>ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperidinium</i> cf. <i>steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	200	100	100	200	0	0	400	0	300	0	0	0
<i>Pyrophacus steinii</i>	100	0	100	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	100	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	3.584.600	1.026.200	2.945.100	1.230.000	1.012.300	501.200	966.400	1.288.900	1.153.700	484.700	438.500	297.400
TOTAL DINOFLAGELADOS	1.900	500	2.000	200	500	200	2.600	1.600	2.000	700	18.500	600
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	100	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3.586.500	1.026.700	2.947.100	1.230.200	1.012.800	501.400	969.000	1.290.500	1.155.700	485.400	457.100	298.000

Anexo 55 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia	
	15-abr-09		10-may-09		10-may-09		9-may-09		9-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS										
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	400	0	400	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	1.600	0	700	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	500
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	2.000	800	0	0	500	0	0	0	600	0
<i>Chaetoceros decipiens</i>	1.200	0	0	0	0	500	0	0	0	200
<i>Chaetoceros diadema</i>	0	0	0	0	1.100	0	0	0	0	0
<i>Chaetoceros didymus</i>	200	0	0	0	600	0	400	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	1.500	300	1.200	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	200	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	1.000	0	0	400
<i>Climacosphenia moniligera</i>	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	100	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	6.800	9.100	0	0	0	0	100	200	0	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	200	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	100	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	2.600	2.300	0	100	200	0	0	0	0	100
<i>Eucampia zodiacus</i>	400	200	0	0	200	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	300	0	0	100	0	0	0
<i>Guinardia delicatula</i>	300	0	200	0	0	0	200	0	0	200
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium aureolum</i>	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	200	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	1.000	0	0	0	400	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	600	0	0	3.600	1.000	400	2.600	400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	100	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	20.500	13.700	600	0	600	200	1.800	0	200	2.000
<i>P. cf. pseudodelicatissima</i>	11.400	6.800	200	0	800	1.200	1.200	0	1.400	800
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	2.300	4.600	0	0	100	0	500	0	300	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.042.000	321.500	4.400	7.000	9.400	4.000	10.800	5.000	19.200	5.800
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	218.900	200.600	9.800	12.600	19.600	10.800	24.400	22.800	33.600	39.400
<i>Thalassiosira subtilis</i>	4.600	1.100	0	0	0	800	0	0	400	0
<i>Thalassiosira cf. anguste-lineata</i>	400	200	0	0	0	100	200	100	600	0
<i>Thalassiosira cf. decipiens</i>	200	0	0	0	0	0	0	0	0	200
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0

Anexo 55 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia	
	15-abr-09		10-may-09		10-may-09		9-may-09		9-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS										
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Amphisolenia</i> sp.	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	100	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax</i> cf. <i>spinifera</i>	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	100	100	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	100	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Procerentrum</i> cf. <i>minimum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excavatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>depressum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>grani</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>leonis</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>mite</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>oblongum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>ovatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pallidum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium</i> cf. <i>steinii</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thorianum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thulesense</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS										
<i>Dictyocha speculum</i>	0	0	0	0	100	0	0	0	0	0
ZOOMASTIGOFOROS										
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.314.000	560.900	15.800	20.000	37.700	21.500	44.100	28.900	59.500	50.100
TOTAL DINOFLAGELADOS	300	0	0	0	200	100	100	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	100	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0
TOTAL	1.314.300	560.900	15.800	20.000	38.000	21.600	44.200	28.900	59.500	50.100

Anexo 55 (continuación)

	A59 I. Zealous		A60 Pta. Baker	
	9-may-09		10-may-09	
	0-10m	10-20m	0-10m	10-20m
DIATOMEAS				
<i>Actinocyclus curvatulus</i>	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0
<i>Cerataulina pelagica</i>	100	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	100
<i>Chaetoceros compressus</i>	0	0	0	0
<i>Chaetoceros constrictus</i>	1.000	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0
<i>Chaetoceros decipiens</i>	600	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0
<i>Chaetoceros didymus</i>	700	0	600	0
<i>Chaetoceros laciniosus</i>	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0
<i>Chaetoceros sp. 2</i>	600	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0
<i>Climacosphenia moniligera</i>	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0
<i>Cylindrotheca closterium</i>	0	200	0	400
<i>Detonula pumila</i>	0	400	0	0
<i>Diploneis didyma</i>	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0
<i>Ditylum brightwellii</i>	300	0	100	100
<i>Eucampia zodiacus</i>	0	100	0	0
<i>Grammatophora angulosa</i>	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0
<i>Guinardia delicatula</i>	500	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0
<i>Leptocylindrus minimus</i>	0	1.200	0	0
<i>Licmophora abbreviata</i>	0	0	100	0
<i>Melosira moniliformis</i>	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0
<i>Melosira varians</i>	400	0	0	0
<i>Navicula amnophila</i>	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0
<i>Nitzschia spp.</i>	300	0	0	0
<i>Odontella aurita</i>	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	6.800	700	500	800
<i>P. cf. pseudodelicatissima</i>	9.100	200	800	2.600
<i>Rhabdonema arcuatum</i>	0	100	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0
<i>Rhizosolenia setigera</i>	2.600	0	100	400
<i>Rhizosolenia styliformis</i>	0	0	0	0
<i>Skeletonema costatum</i>	34.200	2.300	5.400	22.200
<i>Stephanopyxis turris</i>	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0
<i>Thalassionema nitzschioides</i>	18.200	8.000	11.600	27.600
<i>Thalassiosira subtilis</i>	0	0	0	200
<i>Thalassiosira cf. anguste-lineata</i>	0	0	300	100
<i>Thalassiosira cf. decipiens</i>	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0

Anexo 55 (continuación)

	A59 I. Zealous		A60 Pta. Baker	
	9-may-09		10-may-09	
	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS				
<i>Alexandrium catenella</i>	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0
<i>Amphisolenia</i> sp.	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0
<i>Gonyaulax</i> cf. <i>spinifera</i>	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0
<i>Heteroschisma</i> spp.	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0
<i>Prorocentrum</i> cf. <i>minimum</i>	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0
<i>Protoperdinium aspidiotum</i>	200	0	0	0
<i>Protoperdinium claudicans</i>	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0
<i>Protoperdinium denticulatum</i>	0	0	0	0
<i>Protoperdinium excavatum</i>	0	0	0	0
<i>Protoperdinium excentricum</i>	0	0	0	0
<i>Protoperdinium oceanicum</i>	0	0	0	0
<i>Protoperdinium pentagonum</i>	0	0	0	0
<i>Protoperdinium punctulatum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>conicoides</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>depressum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>grani</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>leonis</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>mite</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>oblongum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>obtusum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>ovatum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>pallidum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>pellucidum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>steinii</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>thorianum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>thulesense</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>tristylum</i>	0	0	0	0
<i>Protoperdinium</i> spp.	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0
SILICOFAGELADOS				
<i>Dictyocha speculum</i>	0	0	0	0
ZOOMASTIGOFOROS				
<i>Ebria tripartita</i>	0	0	0	0
<i>Euglenoficeas</i> indet.	0	0	0	0
TOTAL DIATOMEAS	75.400	13.200	19.500	54.500
TOTAL DINOFLAGELADOS	200	0	0	0
TOTAL SILICOFAGELADOS	0	0	0	0
TOTAL OTROS	0	0	0	0
TOTAL	75.600	13.200	19.500	54.500

Anexo 56
Densidad de fitoplancton (cél·L⁻¹) en la región de Aysén.
Crucero 5 (16 mayo -1 junio 2009).

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	29-may-09		30-may-09		30-may-09		1-jun-09		1-jun-09		31-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Achnanthes spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	500	400	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	100	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	400	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia flaccida</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	700	0	0	0	0	0	200	0	200	700
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	1.600	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula ammophila</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	100	100	0	0
<i>Odontella aurita</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	500	0	0	0
<i>Plagiotropis gaussii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	600	500	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>P. cf. pseudodelicatissima</i>	100	300	900	0	0	0	200	200	300	0	100	300
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Skeletonema costatum</i>	0	400	0	600	0	800	0	200	300	0	0	700
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	100	0	0	800	1.100	100	400	0	100	400	0	500
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	100	0	300	100
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	100	0	0	0	100	0	0
<i>Diatomeas pennadas indet.</i>	0	0	400	300	0	0	0	0	0	0	0	0

Anexo 56 (continuación)

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	29-may-09		30-may-09		30-may-09		1-jun-09		1-jun-09		31-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. minimum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protopendinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Dictyocha speculum</i>	0	0	0	0	0	0	100	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	200	100	0	0	0	0	0	0	0	0	0	100
TOTAL DIATOMEAS	300	700	3.600	3.000	1.100	1.400	700	500	1.500	2.200	1.500	2.600
TOTAL DINOFLAGELADOS	100	0	0	0	0	0	0	0	0	0	200	100
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	100	0	0	0	100	0
TOTAL OTROS	200	100	0	0	0	0	0	0	0	0	0	100
TOTAL	600	800	3.600	3.000	1.100	1.400	800	500	1.500	2.200	1.800	2.800

Anexo 56 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	23-may-09		23-may-09		23-may-09		24-may-09		22-may-09		22-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Achnanthes spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	300	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	100	200	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	200	0	0	0	0	0	100	0	100	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	200	300	0	0	200	400	0	0	200	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	200	0	500	0	900	600	800	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphophila</i>	0	100	0	0	0	0	0	0	0	0	0	100
<i>Navicula hyalina</i>	0	0	0	0	200	100	0	0	0	0	0	0
<i>Navicula spp.</i>	100	0	0	0	0	0	0	0	0	200	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	100	200	0	200	0	0	0	0	0	100	0
<i>P. cf. pseudodelicatissima</i>	0	0	400	0	600	0	0	0	100	0	800	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	400	0	0	0	800	0	0	0	0	0	400	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	200	0	0	100	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	100	0	0	200	100	0	200	0	100	300	400	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	300	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	700	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	200	0	0	0	0	100	0	0	0	0	100	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	100	0	200

Anexo 56 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	23-may-09		23-may-09		23-may-09		24-may-09		22-may-09		22-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	100	100	0	0	300	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	200	0	0	0	0	100	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	100	0	0	0	0	0	500	0	0	200	200	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Prorocentrum cf. minimum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceraium reticulatum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	100	100	0	0	0	0
TOTAL DIATOMEAS	800	900	1.100	500	3.300	200	900	500	1.500	1.600	2.800	300
TOTAL DINOFLAGELADOS	400	0	100	100	0	200	800	0	0	400	200	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	100	100	0	0	0	0
TOTAL	1.200	900	1.200	600	3.300	400	1.800	600	1.500	2.000	3.000	300

Anexo 56 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	22-may-09		22-may-09		22-may-09		22-may-09		22-may-09		22-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Achnanthes spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatus</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	400	0	0	0	600	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	700	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	1.200	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	400	0	0	300	300	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	100	0	200	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	100	0	100	0	900	600	100	300	0	100
<i>Guinardia delicatula</i>	0	0	0	200	0	0	0	0	0	0	600	200
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	300	0	0	600	0	200	0	0	100	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	800	0	800	8.000	0	200	0	10.400	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	500	200	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Nitzschia spp.</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	800	200	0	400	100	400	0
<i>P. cf. pseudodelicatissima</i>	0	0	700	600	200	0	7.800	0	1.800	300	18.000	400
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	2.200	0	1.500	0	2.800	1.200
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	100	200	400	400	0	100	200	0	200	200	100	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	200	0	0	0	0	0	0	0

Anexo 56 (continuaci3n)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	22-may-09		22-may-09		22-may-09		22-may-09		22-may-09		22-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	100	0	0	0	500	0	0	0	500	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	100	0	0	0	0	0	100	200	0	0	100	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. minimum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	200	0	0	0	200	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	200	100	0	0	200	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	100	0	0	0	100	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	700	200	2.600	2.700	500	2.200	21.300	700	5.000	1.100	34.200	1.900
TOTAL DINOFLAGELADOS	100	0	100	0	0	0	1.200	300	100	0	1.100	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL 3TOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	800	200	2.700	2.700	500	2.200	22.500	1.000	5.100	1.100	35.300	1.900

Anexo 56 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	25-may-09		21-may-09		21-may-09		21-may-09		20-may-09		20-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Achnanthes</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Asterionellopsis glacialis</i>	0	0	0	1.000	0	0	1.400	400	0	1.300	6.200	1.300
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	3.400	0
<i>Chaetoceros compressus</i>	0	0	300	0	0	0	700	0	0	0	6.200	0
<i>Chaetoceros constrictus</i>	0	0	0	0	600	0	0	0	0	0	2.200	0
<i>Chaetoceros convolutus</i>	0	0	0	300	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	800	0	0	0	2.800	0	0	0	31.400	4.200
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	4.000	600	4.000	200	2.400	600	6.000	400	35.200	3.800
<i>Chaetoceros didymus</i>	0	0	300	0	0	0	0	0	0	0	500	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	600	0	0	0	0	0	11.200	5.000
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Chaetoceros</i> sp. 1	0	0	600	1.200	3.000	0	7.600	0	1.000	0	5.800	600
<i>Chaetoceros</i> sp. 2	0	0	0	0	0	0	0	0	600	0	1.300	0
<i>Chaetoceros</i> spp.	0	0	0	200	1.200	0	0	0	0	0	0	0
<i>Cocconeis</i> spp.	0	100	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	0	0	400	200	0	400	100	0	300	100	300
<i>Deionula pumila</i>	0	0	0	0	0	0	0	0	0	600	1.800	0
<i>Ditylum brightwellii</i>	0	100	400	0	0	0	0	200	300	0	2.800	100
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	5.400	0	0	0	0	0	13.000	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	200	300	100	100	0	0	1.200	1.400	0	0
<i>Guinardia delicatula</i>	0	0	0	200	900	400	2.000	0	400	0	100	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	300	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	271.300	18.000	22.800	1.200	11.800	4.800	41.000	7.400	31.900	22.800
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula ammobila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula hyalina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	0	0	0	0	0	0	0	0	0	0	100
<i>Nitzschia</i> spp.	0	0	0	0	0	0	0	100	200	0	5.600	100
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	25.100	800	54.700	11.400	1.200	0	41.000	5.800	36.500	11.400
<i>P. cf. pseudodelicatissima</i>	0	0	389.900	36.800	159.600	18.200	70.600	3.600	291.000	8.800	415.000	84.400
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	200	0	100	100	0	0	0
<i>Skeletonema costatum</i>	0	0	36.500	6.600	5.000	200	2.400	4.000	2.000	1.200	4.400	2.200
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	300	200	6.800	1.000	0	200	4.800	2.400	600	0	22.800	2.300
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	200	0	800	0	100	0	18.200	16.000
<i>Thalassiosira cf. decipiens</i>	0	0	400	0	200	0	0	0	0	0	9.100	4.600
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	100	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 56 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	25-may-09		21-may-09		21-may-09		21-may-09		20-may-09		20-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	100	0	0	0	200	100	100	0
<i>Gymnodinium spp.</i>	100	0	19.400	500	300	0	500	0	8.400	100	500	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	200	100	0	0	100	200	100	200	400	100
<i>Heterocapsa triquetra</i>	100	0	100	0	0	0	100	0	0	0	400	0
<i>Polykrikos spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. minimum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protocentrum reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	100	0	0	100	200	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	300	0	100	0	0	0	0	0	300	0
<i>Protoperidinium excentricum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	300	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	900	0	100	0	0	100	0	0	400	100
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	100	0	100	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	100	0	100	0	0	0	0	0	0	0	0	100
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	400	400	736.700	67.400	259.300	32.200	108.900	16.300	385.500	27.300	666.100	159.300
TOTAL DINOFLAGELADOS	300	0	21.200	600	1.000	0	700	500	9.300	400	2.300	300
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	700	400	757.900	68.000	260.300	32.200	109.600	16.800	394.800	27.700	668.400	159.600

Anexo 56 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia	
	15-abr-09		10-may-09		10-may-09		9-may-09		9-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS										
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	400	0	400	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	1.600	0	700	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	500
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	2.000	800	0	0	500	0	0	0	600	0
<i>Chaetoceros decipiens</i>	1.200	0	0	0	0	500	0	0	0	200
<i>Chaetoceros diadema</i>	0	0	0	0	1.100	0	0	0	0	0
<i>Chaetoceros didymus</i>	200	0	0	0	600	0	400	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	1.500	300	1.200	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	200	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	1.000	0	0	400
<i>Climacosphenia moniligera</i>	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	100	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	6.800	9.100	0	0	0	0	100	200	0	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	200	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	100	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	2.600	2.300	0	100	200	0	0	0	0	100
<i>Eucampia zodiacus</i>	400	200	0	0	200	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	300	0	0	100	0	0	0
<i>Guinardia delicatula</i>	300	0	200	0	0	0	200	0	0	200
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium aureolum</i>	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	200	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	1.000	0	0	0	400	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	600	0	0	3.600	1.000	400	2.600	400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloidea</i>	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	100	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	20.500	13.700	600	0	600	200	1.800	0	200	2.000
<i>P. cf. pseudodelicatissima</i>	11.400	6.800	200	0	800	1.200	1.200	0	1.400	800
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	2.300	4.600	0	0	100	0	500	0	300	0
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.042.000	321.500	4.400	7.000	9.400	4.000	10.800	5.000	19.200	5.800
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	218.900	200.600	9.800	12.600	19.600	10.800	24.400	22.800	33.600	39.400
<i>Thalassiosira subtilis</i>	4.600	1.100	0	0	0	800	0	0	400	0
<i>Thalassiosira cf. anguste-lineata</i>	400	200	0	0	0	100	200	100	600	0
<i>Thalassiosira cf. decipiens</i>	200	0	0	0	0	0	0	0	0	200
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0

Anexo 56 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia	
	15-abr-09		10-may-09		10-may-09		9-may-09		9-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS										
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Amphisolenia</i> sp.	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	100	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax</i> cf. <i>spinifera</i>	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	100	100	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	100	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Proocentrum</i> cf. <i>minimum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excavatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>depressum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>grani</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>leonis</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>mite</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>oblongum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>ovatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pallidum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium</i> cf. <i>steinii</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thorianum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>thulesense</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS										
<i>Dictyocha speculum</i>	0	0	0	0	100	0	0	0	0	0
ZOOMASTIGOFOROS										
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.314.000	560.900	15.800	20.000	37.700	21.500	44.100	28.900	59.500	50.100
TOTAL DINOFLAGELADOS	300	0	0	0	200	100	100	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	100	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0
TOTAL	1.314.300	560.900	15.800	20.000	38.000	21.600	44.200	28.900	59.500	50.100

Anexo 56 (continuación)

	A59 I. Zealous		A60 Pta. Baker	
	9-may-09		10-may-09	
	0-10m	10-20m	0-10m	10-20m
DIATOMEAS				
<i>Actinocyclus curvatulus</i>	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0
<i>Cerataulina pelagica</i>	100	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	100
<i>Chaetoceros compressus</i>	0	0	0	0
<i>Chaetoceros constrictus</i>	1.000	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0
<i>Chaetoceros decipiens</i>	600	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0
<i>Chaetoceros didymus</i>	700	0	600	0
<i>Chaetoceros laciniosus</i>	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0
<i>Chaetoceros sp. 2</i>	600	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0
<i>Climacosphecia monilifera</i>	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0
<i>Cylindrotheca closterium</i>	0	200	0	400
<i>Detonula pumila</i>	0	400	0	0
<i>Diploneis didyma</i>	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0
<i>Ditylum brightwellii</i>	300	0	100	100
<i>Eucampia zodiacus</i>	0	100	0	0
<i>Grammatophora angulosa</i>	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0
<i>Guinardia delicatula</i>	500	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0
<i>Gyrodinium aureolum</i>	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0
<i>Leptocylindrus minimus</i>	0	1.200	0	0
<i>Licmophora abbreviata</i>	0	0	100	0
<i>Melosira moniliformis</i>	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0
<i>Melosira varians</i>	400	0	0	0
<i>Navicula amorphophila</i>	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0
<i>Nitzschia spp.</i>	300	0	0	0
<i>Odontella aurita</i>	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0
<i>Pleurosigma normani</i>	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	6.800	700	500	800
<i>P. cf. pseudodelicatissima</i>	9.100	200	800	2.600
<i>Rhabdonema arcuatum</i>	0	100	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0
<i>Rhizosolenia setigera</i>	2.600	0	100	400
<i>Rhizosolenia styliformis</i>	0	0	0	0
<i>Skeletonema costatum</i>	34.200	2.300	5.400	22.200
<i>Stephanopyxis turris</i>	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0
<i>Thalassionema nitzschiioides</i>	18.200	8.000	11.600	27.600
<i>Thalassiosira subtilis</i>	0	0	0	200
<i>Thalassiosira cf. anguste-lineata</i>	0	0	300	100
<i>Thalassiosira cf. decipiens</i>	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0

Anexo 56 (continuación)

	A59 I. Zealous		A60 Pta. Baker	
	9-may-09		10-may-09	
	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS				
<i>Alexandrium catenella</i>	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0
<i>Amphisolenia</i> sp.	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0
<i>Gonyaulax</i> cf. <i>spinifera</i>	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0
<i>Heteroschisma</i> spp.	0	0	0	0
<i>Noctiluca scintillans</i>	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0
<i>Prorocentrum</i> cf. <i>minimum</i>	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0
<i>Protoperdinium aspidiotum</i>	200	0	0	0
<i>Protoperdinium claudicans</i>	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0
<i>Protoperdinium denticulatum</i>	0	0	0	0
<i>Protoperdinium excavatum</i>	0	0	0	0
<i>Protoperdinium excentricum</i>	0	0	0	0
<i>Protoperdinium oceanicum</i>	0	0	0	0
<i>Protoperdinium pentagonum</i>	0	0	0	0
<i>Protoperdinium punctulatum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>conicoides</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>depressum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>grani</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>leonis</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>mite</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>oblongum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>obtusum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>ovatum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>pallidum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>pellucidum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>steinii</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>thorianum</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>thulesense</i>	0	0	0	0
<i>Protoperdinium</i> cf. <i>tristylum</i>	0	0	0	0
<i>Protoperdinium</i> spp.	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0
SILICOFAGELADOS				
<i>Dictyocha speculum</i>	0	0	0	0
ZOOMASTIGOFOROS				
<i>Ebria tripartita</i>	0	0	0	0
<i>Euglenoficeas</i> indet.	0	0	0	0
TOTAL DIATOMEAS	75.400	13.200	19.500	54.500
TOTAL DINOFLAGELADOS	200	0	0	0
TOTAL SILICOFAGELADOS	0	0	0	0
TOTAL OTROS	0	0	0	0
TOTAL	75.600	13.200	19.500	54.500

Anexo 57

Densidad de fitoplancton (cél·L⁻¹) en la región de Aysén.
Crucero 6 (10 junio – 27 julio 2009).

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	25-jul-09		25-jul-09		26-jul-09		27-jul-09		26-jul-09		26-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	1.000	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Coscinodiscus cf. centralis</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	100	0	0	0	0	0	0	0	0	100	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	500	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	100	0	0	0	100
<i>Pleurosigma directum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	200	200	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	100	0	300	100	100	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	400	300	0	700
<i>Stephanopyxis cf. nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	200	0	0	0	0	100	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	100	0	0	200	100	200	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	100	300	0	0	0	0	0	0	0	0

Anexo 57 (continuación)

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	25-jul-09		25-jul-09		26-jul-09		27-jul-09		26-jul-09		26-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	100	100	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	300	0	100	0	0	0	0	0	0	100	0	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	200	0
TOTAL DIATOMEAS	100	300	100	1.600	500	300	300	600	800	400	400	900
TOTAL DINOFLAGELADOS	0	100	0	0	0	100	100	100	0	0	0	0
TOTAL SILICOFLAGELADOS	300	0	100	0	0	0	0	0	0	100	0	100
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	200	0
TOTAL	400	400	200	1.600	500	400	400	700	800	500	600	1.000

Anexo 57 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	18-jun-09		18-jun-09		18-jun-09		19-jun-09		18-jun-09		19-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	400	0	0	0	0
<i>Amphiprora cf. gigantea</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	200	0	0	100	300	0	0	0	0	200	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	200	0	100	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	100	100	0	100	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Euclampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	100	200	200	100	0	0	100	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	200	200	0	0	300	0	0	1.200	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	600	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	300	0	0	0	0
<i>Navicula amnophila</i>	200	0	0	0	100	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	600	0	0	0	300	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	100	100	0	0	0	0	100	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	100	0	0	0	0	0	0	0	100
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	600	0	400	700	0	0	4.700	5.700	4.800	2.800	2.200	300
<i>Stephanopyxis cf. nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	500	0	200	0	100	0	200	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	200	0	0	0	0	0	0	100	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	600	0	300	0	0	0	0	0	0	0	0

Anexo 57 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	18-jun-09		18-jun-09		18-jun-09		19-jun-09		18-jun-09		19-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Procerentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	100	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.500	800	1.200	2.900	1.100	200	5.600	6.800	4.900	4.400	2.500	400
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	100	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	100	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.500	800	1.200	2.900	1.100	200	5.800	6.800	4.900	4.400	2.500	400

Anexo 57 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zafartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	17-jun-09		17-jun-09		17-jun-09		17-jun-09		17-jun-09		17-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	500	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	100	100	100
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	700	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	700	500	600	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	500	0	0	300
<i>Chaetoceros debilis</i>	0	0	0	0	800	0	0	600	4.200	1.200	1.400	2.600
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	100	800	500	600	0
<i>Chaetoceros diadema</i>	0	0	200	500	1.700	600	3.400	200	13.800	7.800	8.600	10.600
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	400	500	2.200	400	2.000	2.800
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentianus</i>	0	0	0	0	0	0	0	0	0	600	1.300	0
<i>Chaetoceros radicans</i>	0	700	0	0	0	0	0	0	700	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	400	0	0	0	0	0	0	0	0	0	0	2.100
<i>Chaetoceros spp.</i>	0	400	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	200	0	0	0	0	0	0	300	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	200	0	0	100	0	0	100	0	200	0	0	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	1.400	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	200	0	0	0	400	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euclampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	500
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	400	100	200	0	300	100	100	0	0	500	200
<i>Guinardia delicatula</i>	0	100	200	0	0	0	0	0	200	1.100	0	800
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	10.400	2.600	25.100	7.000	9.100	22.800	54.700	82.100	52.400	43.300	68.400	104.900
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	700
<i>Navicula amnophila</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	600	0	0	0	800	1.000
<i>P. cf. pseudodelicatissima</i>	0	0	0	200	200	0	300	0	0	600	300	200
<i>Rhabdonema minutum</i>	300	0	0	0	500	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	200	100	100	100
<i>Skeletonema costatum</i>	328.800	182.400	175.600	114.000	389.900	570.000	1.543.600	1.169.600	1.580.000	1.140.000	2.567.300	2.339.300
<i>Stephanopyxis cf. nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	2.600	300	200	100	0	100	600	200	200	1.000	2.000	800
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	100	0	0	0	0	0	0	600	900	1.000	400
<i>Thalassiosira cf. decipiens</i>	300	0	0	0	200	0	400	0	1.000	700	1.400	2.000
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 57 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	17-jun-09		17-jun-09		17-jun-09		17-jun-09		17-jun-09		17-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	100	0	1.600	600
<i>Gyrodinium spp.</i>	100	0	0	0	0	0	0	0	400	400	700	700
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	100	0	100	0	0	100
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	400	100	200	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	200	0	500	100	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	343.000	187.200	201.400	122.100	402.400	593.900	1.604.900	1.253.400	1.658.700	1.199.000	2.658.200	2.469.600
TOTAL DINOFLAGELADOS	100	0	0	0	0	0	100	0	800	400	2.900	1.400
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	400	100	200	100
TOTAL OTROS	0	0	0	0	0	0	200	0	500	100	0	0
TOTAL	343.100	187.200	201.400	122.100	402.400	593.900	1.605.200	1.253.400	1.660.400	1.199.600	2.661.300	2.471.100

Anexo 57 (continuación)

	A18 Pta. Cálqueman 19-jun-09		A19 S. Magdalena 15-jun-09		A20 Faro Marta-C. Puyuhuapi 15-jun-09		A21 Pto. Amparo 15-jun-09		A22 I. Sn. Andrés 15-jun-09		A23 I. Orestes 14-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	500	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	200	300	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	100	0	100	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	1.200	300	400	700	0	0	0	0	400	0
<i>Chaetoceros convolutus</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	1.200	300	1.800	0	400	0	400	0	2.400	0
<i>Chaetoceros decipiens</i>	0	0	400	0	800	200	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	29.200	4.800	28.200	19.800	500	2.000	0	1.300	11.800	6.600
<i>Chaetoceros didymus</i>	0	0	7.000	800	2.400	1.800	0	0	200	0	2.400	800
<i>Chaetoceros laciniosus</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	700	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	600	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	500	3.200	500	0	0	0	0	2.200	0
<i>Chaetoceros sp. 2</i>	0	0	1.600	700	0	0	0	0	0	0	5.600	800
<i>Chaetoceros spp.</i>	0	0	700	0	1.400	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	100	300	300	0	600	100	500	100	500	400	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	400	0	400	0	100	0	0	800	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	300	800	200	0	300	100	1.500	1.700	0	0
<i>Guinardia delicatula</i>	0	0	400	0	100	300	0	200	400	200	3.400	500
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	400	296.400	68.400	132.200	114.000	31.900	161.900	116.300	59.300	164.200	141.400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	700	0	700	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	100	0	100	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	300	0	300	0	0	400	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	300	2.200	400	0	1.400	0	400	0	0	800	0
<i>P. cf. pseudodelicatissima</i>	100	0	7.400	800	200	2.600	0	0	400	300	600	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	100	100	500	100	0	0	0	100	0	0
<i>Skeletonema costatum</i>	3.200	5.900	2.936.600	1.504.800	2.476.100	2.407.700	937.100	1.162.800	1.103.500	640.700	4.231.700	3.939.800
<i>Stephanopyxis cf. nipponica</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	600	0	4.800	2.600	800	2.200	500	600	500	1.900	1.200	300
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	2.800	0	200	0	0	0	0	100	600	200
<i>Thalassiosira cf. decipiens</i>	0	0	3.600	200	600	200	100	400	300	0	600	400
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	400	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	100	0	0

Anexo 57 (continuación)

	A18 Pta. Cálqueman 19-jun-09		A19 S. Magdalena 15-jun-09		A20 Faro Marta-C. Puyuhuapi 15-jun-09		A21 Pto. Amparo 15-jun-09		A22 I. Sn. Andrés 15-jun-09		A23 I. Orestes 14-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	200	0	0	0	0	0	100	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	600	100	19.000	400	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	300	0	600	100	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium</i> cf. <i>grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	100	0	0	0	100	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	100	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	100	100	0
EUGLENOFÍCEAS												
<i>Euglenofíceas</i> indet.	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL DIATOMEAS	4.600	6.700	3.299.000	1.587.100	2.649.600	2.553.100	971.000	1.329.400	1.223.900	706.900	4.429.900	4.090.900
TOTAL DINOFLAGELADOS	0	0	1.100	100	19.900	500	100	100	0	0	200	100
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	100	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	100	100	100	0
TOTAL	4.600	6.700	3.300.100	1.587.200	2.669.500	2.553.600	971.100	1.329.500	1.224.000	707.100	4.430.200	4.091.000

Anexo 57 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quirralco		A28 Pta. Lynch		A29 Pto. Bonito	
	22-jun-09		13-jun-09		11-jun-09		12-jun-09		12-jun-09		12-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	700	2.400	200	0	1.600	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	300	200	200	0	0	200
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	700	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	500	0	900	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	900	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	2.800	0	0	1.000	800
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	1.700	0	0	0	0	0
<i>Chaetoceros diadema</i>	200	0	0	0	0	0	1.200	1.400	600	0	1.800	0
<i>Chaetoceros didymus</i>	0	0	0	0	600	0	18.000	2.600	9.800	500	8.200	1.000
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	18.400	5.600	3.800	0	18.600	7.800
<i>Chaetoceros similis</i>	0	0	0	0	0	0	600	0	400	0	0	400
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	800	500
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	1.200	700	2.600	0	6.400	400
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	100	200	400	100	300	1.000	100	0	100	100	200
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	400	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	100	800	0	1.800	0	600	200	600	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euclampia zodiacus</i>	0	0	0	0	0	0	4.800	1.800	1.500	500	400	1.500
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	100	1.000	100	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	300	0	0	0	0	0	1.000	200	0	0	100	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	400	500	4.000	1.400	1.400	800	16.000	12.400	4.200	0	8.600	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	300	500	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	400	300	100	0	2.000	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Paralia sulcata</i>	0	0	0	0	500	500	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	3.400	2.400	1.000	0	0	2.400
<i>P. cf. pseudodelicatissima</i>	0	0	0	300	0	0	29.000	8.000	3.600	800	5.400	7.600
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.100	2.400	28.200	61.200	24.000	16.000	21.400	14.200	3.800	3.200	8.200	10.400
<i>Stephanopyxis cf. nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	1.500	700	700	4.000	200	0	1.600	800	3.200	800	1.200	1.200
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	600	200	400	0	400	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	60.800	19.400	6.600	3.600	7.200	3.000
<i>Thalassiosira cf. decipiens</i>	300	200	0	900	400	0	31.800	11.000	8.400	5.600	10.000	7.200
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	700	0	0	0	39.000	11.800	800	800	2.800	1.400
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	200	200	200	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	300	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 57 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quitralco		A28 Pta. Lynch		A29 Pto. Bonito	
	22-jun-09		13-jun-09		11-jun-09		12-jun-09		12-jun-09		12-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	200	0	100	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	100	300	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	200	0	0	0	0	0	100	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	100	0	0	100	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	4.100	3.900	33.900	69.700	28.600	18.100	256.400	98.500	53.300	16.100	87.100	46.100
TOTAL DINOFLAGELADOS	0	0	0	100	800	0	700	100	0	100	100	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4.100	3.900	33.900	69.800	29.400	18.100	257.100	98.600	53.300	16.200	87.200	46.100

Anexo 57 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	14-jun-09		14-jun-09		14-jun-09		26-jul-09		26-jul-09		20-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	2.200	4.800	0	0	400	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	1.600	1.900	12.400	7.000	1.400	300	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	300	5.200	2.200	900	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	1.200	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	500	500	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	1.200	1.000	400	900	200	0	100	0	100	100	100	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	400	0	200	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	100	0	0	100	0	0	0	0
<i>Guinardia delicatula</i>	200	0	600	0	0	300	0	0	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	68.400	29.600	157.300	16.000	102.600	11.400	0	0	200	0	0	400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula ammobila</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	400	0	0	200	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	500	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Pleurosigma directum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	400	200	0	0	200	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	200	0	200	0	0	400	300	0	100	0	100	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	663.500	766.100	2.391.700	2.337.000	1.735.100	597.400	200	0	200	0	1.100	800
<i>Stephanopyxis cf. nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	4.400	1.200	13.700	2.200	200	0	200	0	0	0	200	200
<i>Thalassiosira subtilis</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	100	0	0	200	0	400	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	200	200	0	600	400	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	200	0	300	100	100

Anexo 57 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	14-jun-09		14-jun-09		14-jun-09		26-jul-09		26-jul-09		20-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	100	0	300	0	600	100	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	400	0	1.100	900	400	100	0	0	0	0	100	0
<i>Gyrodinium spp.</i>	0	0	400	100	300	100	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	200	0	400	200	0	0	0	0	0	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Procerentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	100	0	0	100	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	100	0	0	0	0	100	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	100	100	100	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	100	0	0	0	0	0	0
TOTAL DIATOMEAS	741.000	801.500	2.585.700	2.371.300	1.841.600	610.200	1.400	400	1.100	600	1.600	1.900
TOTAL DINOFLAGELADOS	900	100	2.600	1.300	2.000	300	0	0	0	0	100	0
TOTAL SILICOFLAGELADOS	100	100	0	0	0	0	100	0	0	0	0	0
TOTAL OTROS	0	0	100	100	100	100	0	0	0	0	0	0
TOTAL	742.000	801.700	2.588.400	2.372.700	1.843.700	610.600	1.500	400	1.100	600	1.700	1.900

Anexo 57 (continuación)

	A36 G. Enjambre 20-jun-09		A37 I. Teresa 21-jun-09		A38N1 I. Jesus 20-jun-09		A39 Pto. Lampazo 21-jun-09		A40 I. Silachilu 21-jun-09		A41 C. Ninalac 21-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	1.000	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	1.400	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	400	1.800	3.000	0	300	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	400	0	100	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	200	0	0	400	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	100	0	0	200	0	100	100	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euclampia zodiacus</i>	0	0	0	0	0	0	0	100	500	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	300	200	0	0	0	100	100	0	0	100	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	500	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	400	0	800	1.200	200	0	1.200	2.200	14.800	7.400	400	1.800
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	100	100	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	200	0	0	100	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Skeletonema costatum</i>	8.800	7.000	3.100	2.600	0	800	4.500	2.400	49.200	13.600	700	700
<i>Stephanopyxis cf. nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	300	100	100	200	100	100	200	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	200	0	0	100	100	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	200	0	0	0

Anexo 57 (continuación)

	A36 G. Enjambre 20-jun-09		A37 I. Teresa 21-jun-09		A38N1 I. Jesus 20-jun-09		A39 Pto. Lampazo 21-jun-09		A40 I. Silachilu 21-jun-09		A41 C. Ninualac 21-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	100	100	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	100	0	0	0	0	0	0	100	100	0	0	100
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	300	100	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	100	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	100	0	0	0	0	0	0	100	200	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	100	100	0	0	0	0	100	0	500	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	9.600	7.200	3.900	4.400	500	1.300	7.200	5.500	66.500	28.200	1.200	3.000
TOTAL DINOFLAGELADOS	200	100	0	0	0	0	100	100	600	200	0	100
TOTAL SILICOFLAGELADOS	100	100	0	0	0	0	0	0	100	200	0	0
TOTAL OTROS	100	100	0	0	0	0	100	0	500	0	0	0
TOTAL	10.000	7.500	3.900	4.400	500	1.300	7.400	5.600	67.700	28.600	1.200	3.100

Anexo 57 (continuación)

	A42 C. Pilcomayo 13-jun-09		A43 Playas Largas 10-jun-09		A44 C. Carrera del Chivato 10-jun-09		A45 C. Rodríguez 10-jun-09		A46 I. Churrecue 10-jun-09		A47 I. Castillo 10-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Chaetoceros didymus</i>	500	0	1.000	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	600	400	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	200	0	100	200	0	300	0	0	0	0	200	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	300	500	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	700	200	600	0	0	800	0	0	400	0	0	200
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	200	0	0	0	0	300	0	200
<i>P. cf. pseudodelicatissima</i>	0	0	100	0	0	100	200	0	0	0	0	200
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	31.900	66.100	146.400	17.400	26.400	18.000	61.600	54.000	159.800	123.100	31.900	700
<i>Stephanopyxis cf. nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	500	1.000	2.400	800	900	2.000	600	100	3.800	2.300	1.200	800
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	400	0	0	1.200	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	300	400	800	1.000	500	0	400	200	1.200	400	300	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 57 (continuación)

	A42 C. Pilcomayo 13-jun-09		A43 Playas Largas 10-jun-09		A44 C. Carrera del Chivato 10-jun-09		A45 C. Rodríguez 10-jun-09		A46 I. Churrecue 10-jun-09		A47 I. Castillo 10-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	34.400	69.000	152.200	19.400	29.100	21.200	63.600	55.500	165.300	126.100	33.700	2.100
TOTAL DINOFLAGELADOS	100	0	200	0	0	0	0	0	100	0	100	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	34.500	69.000	152.400	19.400	29.100	21.200	63.600	55.500	165.400	126.100	33.800	2.100

Anexo 57 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	10-jun-09		10-jun-09		13-jun-09		11-jun-09		12-jun-09		11-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	200	0	0	400	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	100	300	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	600	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	700	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	300	0	0	0	0	400	0	0
<i>Chaetoceros debilis</i>	1.300	0	0	0	0	1.000	0	0	1.200	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	400	0	0	0	400	500	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	500	0	0	3.200	5.000	600	0
<i>Chaetoceros didymus</i>	0	0	0	0	900	600	0	0	11.600	2.800	400	400
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	6.600	0	0	0	3.000	11.200	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	500	0	0	0	600	1.600	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	500	1.200	400	600
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	700	200	0	0	0	0	0	0	200	200	100	100
<i>Detonula pumila</i>	0	0	0	0	800	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	400	0	0	200	800	100	100
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euclampia zodiacus</i>	0	0	0	0	0	0	0	0	900	700	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Guinardia delicatula</i>	0	0	100	0	0	0	100	0	0	200	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	700	0	400	0	2.800	2.800	800	0	11.600	20.200	600	400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	100	0	0	0	0	0	0	0	400	3.600	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	1.000	0	0	4.400	2.400	0	200
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.200	3.400	11.200	3.600	33.800	17.200	7.300	4.500	14.000	32.200	50.200	24.000
<i>Stephanopyxis cf. nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	900	600	600	300	5.000	1.600	1.000	1.000	1.000	1.200	300	1.100
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	1.000	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	3.400	2.800	0	0	4.400	6.200	0	0
<i>Thalassiosira cf. decipiens</i>	300	100	200	100	4.800	1.800	300	200	10.800	16.200	800	200
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	3.600	3.400	0	0	1.000	7.600	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 57 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	10-jun-09		10-jun-09		13-jun-09		11-jun-09		12-jun-09		11-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	200	0	0	100	0	100	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	500	0	100	0
<i>Heteroschisma spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	100	200	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	0	0	0	0	0	200	0	0	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	5.200	4.300	12.500	4.000	63.000	33.300	9.600	5.900	70.200	116.500	53.500	27.200
TOTAL DINOFLAGELADOS	100	0	0	0	300	0	0	200	600	300	100	0
TOTAL SILICOFLAGELADOS	0	0	100	0	0	0	0	0	200	0	0	100
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	5.300	4.300	12.600	4.000	63.300	33.300	9.600	6.100	71.000	116.800	53.600	27.300

Anexo 57 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia		A59 I. Zealous		A60 Pta. Baker	
	12-jun-09		12-jul-09		12-jul-09		12-jul-09		12-jul-09		12-jul-09		12-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS														
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	400	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	100	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	1.100	2.400	0	0	0	0	0	0	0	0	0	400	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	1.500	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	400	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	600	1.000	0	0	0	0	500	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	200	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	100
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	100	0	0	0	100	0	0	100	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	200	100	0	0	100	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	400	0	0	0	0	0	200	0	500	0	100	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	300	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	200	0	0	200	0	0	0	0	0	200	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	1.600	100	200	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	200	600	0	0	0	0	300	100	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	4.800	2.600	1.700	500	2.200	500	300	300	24.600	1.800	3.700	1.200	6.500	2.800
<i>Stephanopyxis cf. nipponica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	400	1.000	0	0	300	0	200	0	400	0	300	100	0	300
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	400	800	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	4.700	3.400	0	0	0	0	1.400	400	1.200	100	200	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0	100	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. punctigera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	100	100	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	100	0	0	0	0	0	0	0	0	0

Anexo 57 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia		A59 I. Zealous		A60 Pta. Baker	
	12-jun-09		12-jul-09		12-jul-09		12-jul-09		12-jul-09		12-jul-09		12-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS														
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	100	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	100	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	100	0
<i>Heterocapsa triquetra</i>	0	0	0	0	100	0	0	0	0	0	0	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	100	0	0	0	0	100	0	100	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	100	0	0	100	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS														
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS														
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS														
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	14.300	12.600	1.700	800	2.700	600	4.700	1.300	26.700	2.400	4.500	1.800	6.800	3.200
TOTAL DINOFLAGELADOS	0	100	100	0	100	0	200	0	200	100	0	200	100	0
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	14.300	12.700	1.800	800	2.800	600	4.900	1.300	26.900	2.500	4.500	2.000	6.900	3.200

Anexo 58
Densidad de fitoplancton (cél·L⁻¹) en la región de Aysén.
Crucero 7 (5 – 28 septiembre 2009).

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	7-sep-09		7-sep-09		8-sep-09		7-sep-09		8-sep-09		8-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphipora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	400	0	0	500	200	300	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	1.000	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	300	0	100	100	200	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	100	0	200	0	400	0	0	0	0	0	0	200
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	900	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	1.000	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	1.700	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	100	0	100	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	100	0	300	100	0	0	100	300	0	300	200	100
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	300	200	0	0	0	0	0	0	0	0

Anexo 58 (continuación)

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	7-sep-09		7-sep-09		8-sep-09		7-sep-09		8-sep-09		8-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	200	0	0	100	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	100	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	100	0	0	100	100	0	0	100	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	300	300	800	2.000	1.500	300	2.400	500	300	1.300	300	300
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	100	200	0	0	100	100
TOTAL SILICOFAGELADOS	100	0	0	100	100	0	0	100	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	400	300	800	2.100	1.600	300	2.500	800	300	1.300	400	400

Anexo 58 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	7-sep-09		7-sep-09		7-sep-09		7-sep-09		7-sep-09		8-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	100	0	400	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploleis didyma</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	100	100	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	200	0	0	0	0	300	200	0	0	200	400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	300	800	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	300	0	0	600	0	600	2.200	0	500	400	1.000	800
<i>Stephanopyxis turris</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	100	300	0	400	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	200	300	100	300
<i>Thalassiosira cf. delicatula</i>	500	400	400	500	700	1.500	500	400	1.100	2.300	3.400	1.600
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	100	0	0	0	0	0	0	0	0	0	0	0

Anexo 58 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	7-sep-09		7-sep-09		7-sep-09		7-sep-09		7-sep-09		8-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	100	100	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Heterocapsa triquetra</i>	0	0	100	0	100	0	0	0	0	0	100	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	100	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	100	0	0	200	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.300	1.700	800	1.100	1.100	2.100	3.300	600	1.900	3.100	5.100	3.400
TOTAL DINOFLAGELADOS	0	0	100	0	200	0	100	100	200	100	100	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	100	0	0	200	100
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.300	1.700	900	1.100	1.300	2.100	3.400	800	2.100	3.200	5.400	3.500

Anexo 58 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	8-sep-09		8-sep-09		8-sep-09		8-sep-09		8-sep-09		8-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	500	0	1.800	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	300	0	0	700	800	500	2.700	300	1.400	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	600	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Corethron pennatum</i>	100	0	100	0	100	100	100	100	0	100	100	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	100	0	100	0	0	100	0	200	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dipleoneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Guinardia delicatula</i>	0	0	0	0	100	0	1.000	200	1.000	0	300	200
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	800	0	0	0	400	0	300	200	800	400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	1.500	0	0	400	0	200
<i>Melosira nummuloides</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	100	0	0	0	100	0	200	0	100	100
<i>Skeletonema costatum</i>	600	0	8.400	0	12.000	400	31.900	0	37.200	200	20.200	2.200
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	1.200	0	0	0	800	0	200	400	200	800
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	200	0	400	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	100	800	600	0	100	200	0	2.400	500	1.400	200
<i>Thalassiosira cf. delicatula</i>	700	600	10.800	2.200	8.200	400	43.300	2.600	34.600	1.600	19.600	2.400
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	200	100	0	0

Anexo 58 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zafartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	8-sep-09		8-sep-09		8-sep-09		8-sep-09		8-sep-09		8-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	200	0	100	0	100	0	0	100	0	200
<i>Heterocapsa triquetra</i>	200	100	52.800	800	29.400	700	9.100	200	20.200	700	2.000	1.600
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	100	0	0	100	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	200	0	0	0	200	0	300	0	400	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	100	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	300	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.400	700	23.000	2.900	20.400	1.900	80.700	3.600	80.600	3.900	46.400	6.600
TOTAL DINOFLAGELADOS	200	200	53.100	800	29.500	800	9.200	200	20.300	800	2.000	1.800
TOTAL SILICOFLAGELADOS	0	0	200	0	0	0	200	0	300	0	400	100
TOTAL OTROS	0	0	300	0	100	0	0	0	0	0	0	0
TOTAL	1.600	900	76.600	3.700	50.000	2.700	90.100	3.800	101.200	4.700	48.800	8.500

Anexo 58 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	6-sep-09		9-sep-09		9-sep-09		9-sep-09		9-sep-09		10-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	100	0	200	100	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	600	0	0	0	200	0	1.500	0	100	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	1.000	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	200	800	0	3.800	0	600	0	4.400	300	200	0
<i>Chaetoceros debilis</i>	0	0	1.800	0	4.200	0	2.000	0	8.600	0	2.400	600
<i>Chaetoceros decipiens</i>	0	0	0	0	1.800	0	0	0	1.800	0	0	0
<i>Chaetoceros diadema</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	200	3.600	500	24.200	1.400	19.400	1.600	63.800	800	1.700	1.300
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	800	0	1.200	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	600
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	100	200
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	100	0	100	0	100	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	100	100	0	0	0	0	100	0	100	400	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dipleoneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	500	0	600	0	4.400	0	200	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	100	0	0	0	100	0	100	0	100
<i>Guinardia delicatula</i>	0	0	400	200	4.000	300	3.200	1.000	77.500	0	4.800	100
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	400	0	0	0	2.000	0	600	0	36.500	0	13.700	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula ammophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	600
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	200	0	500	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	100	0	200	0	0	0	0	600	0	400	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	100	0	3.000	0	4.800	400	30.000	200	400	100
<i>Skeletonema costatum</i>	500	0	71.000	6.600	597.400	3.000	788.900	6.400	1.769.300	6.800	150.500	7.600
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	1.100	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	300	100	3.200	400	3.000	200	2.400	1.000	59.700	4.600	2.400	800
<i>Thalassiosira cf. anguste-lineata</i>	0	0	2.000	200	13.700	0	2.000	200	31.900	0	1.400	0
<i>Thalassiosira cf. decipiens</i>	400	100	2.000	400	6.800	800	800	600	13.700	200	4.600	200
<i>Thalassiosira cf. delicatula</i>	2.100	4.200	79.800	6.400	638.400	5.200	497.000	14.800	3.488.300	22.800	230.300	10.000
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	100	0	0	0	0	0	0	100

Anexo 58 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuaipi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	6-sep-09		9-sep-09		9-sep-09		9-sep-09		9-sep-09		10-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	300	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	100	0	100	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Dinophysis acuminata</i>	0	0	100	0	100	0	100	0	100	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gyrodinium spp.</i>	0	0	0	0	200	100	100	100	300	0	300	100
<i>Heterocapsa triquetra</i>	300	100	4.300	400	32.800	400	13.700	2.400	187.000	300	13.700	400
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	200	0	0	0	200	100	700	0	100	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	100	0	0	100	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	600	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	100	0	0	0	0	0	0	0	100	0
<i>Pyrophacus steinii</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	200	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	900	400	300	0	400	600	400	1.400	300	400	800	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	100	200	0	100	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	3.700	5.000	165.700	15.100	1.302.900	10.900	1.323.500	26.300	5.595.900	36.200	414.200	22.300
TOTAL DINOFLAGELADOS	500	100	4.700	400	33.500	500	14.200	2.700	189.200	300	14.300	500
TOTAL SILICOFLAGELADOS	900	400	300	0	400	600	400	1.400	300	400	800	0
TOTAL OTROS	0	0	0	0	0	0	100	200	0	100	0	0
TOTAL	5.100	5.500	170.700	15.500	1.336.800	12.000	1.338.200	30.600	5.785.400	37.000	429.300	22.800

Anexo 58 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quíralco		A28 Pta. Lynch		A29 Pto. Bonito	
	14-sep-09		14-sep-09		13-sep-09		13-sep-09		13-sep-09		13-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Actinopterychus senarius</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	400	0	0	0	200	600	200	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	200	100	300	0	100	0	100	400	400	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	700	0	600	0	0	800	600	1.400	1.400	0	1.400	1.000
<i>Chaetoceros decipiens</i>	1.500	2.000	2.800	600	1.200	0	2.400	2.400	7.000	1.600	2.600	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	1.200	0	400	1.400	0	0	0	400	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	100	600	0	700	300	100	200
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	700	1.400	0	0	0	900	1.000	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	200	200	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	700	2.200	300	300	0	100	100	300	300	400	100	200
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	300	0	0	0	0	0	200	0
<i>Guinardia delicatula</i>	200	0	1.800	400	2.600	0	0	400	600	300	200	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	600	0	200	600	1.200	3.200	800	0	800	2.000	3.600	1.600
<i>Licmophora abbreviata</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	400	200	200	0	200	0	0	0	400	500	0	400
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	21.000	1.200	12.000	1.200	10.600	34.800	3.200	3.000	7.200	4.800	29.600	16.800
<i>Stephanopyxis turris</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	2.600	2.000	1.600	1.600	400	0	400	400	200	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	400	400	0	0	600	1.600	200	0	0	0	400	0
<i>Thalassiosira cf. decipiens</i>	800	2.400	1.200	600	400	1.800	1.000	0	1.400	800	800	200
<i>Thalassiosira cf. delicatula</i>	0	0	1.800	2.400	1.000	2.200	2.200	400	2.600	1.000	1.000	1.600
<i>Thalassiosira cf. minuscula</i>	0	0	300	0	0	200	0	0	0	0	400	4.800
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	200	0	0	0	0	0	0	0	0	0	0

Anexo 58 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quitralco		A28 Pta. Lynch		A29 Pto. Bonito	
	14-sep-09		14-sep-09		13-sep-09		13-sep-09		13-sep-09		13-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	100	0	0	0	0	0	0	0	100	0	0
<i>Heterocapsa triquetra</i>	200	0	1.200	400	0	0	200	100	2.000	800	800	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protocentrum reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperdinium</i> cf. <i>conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium</i> spp.	0	0	0	0	100	0	0	0	0	200	100	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	100	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	100	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas</i> indet.	300	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	29.000	10.900	23.700	9.500	19.300	46.800	13.300	9.300	23.300	13.000	41.800	27.000
TOTAL DINOFLAGELADOS	200	100	1.200	400	100	0	200	100	2.000	1.100	1.000	0
TOTAL SILICOFLAGELADOS	0	100	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	300	0	0	0	0	100	0	0	0	0	0	0
TOTAL	29.500	11.100	24.900	9.900	19.400	46.900	13.500	9.400	25.300	14.100	42.800	27.000

Anexo 58 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	10-sep-09		10-sep-09		10-sep-09		8-sep-09		8-sep-09		5-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	1.000	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	1.000	0	100	0	0	0	0	0	0	200	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	2.000	400	400	0	0	0	0	200	0	0	200	0
<i>Chaetoceros debilis</i>	1.800	1.400	2.200	2.000	300	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	600	800	900	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	1.800	2.600	8.800	800	900	0	0	0	0	0	500	1.100
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	100	0	0	0	500	100	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	100	100	0	0	0	100	0	0	200	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	600	400	100	1.200	2.400	200	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	200	200	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.600	4.200	9.000	4.000	300	200	0	0	300	0	400	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.600	36.500	61.600	20.500	2.400	2.000	0	0	100	0	200	0
<i>Licmophora abbreviata</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Pleurosigma directum</i>	200	0	100	200	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	200	600	0	800	0	0	0	0	100	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	300	400	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	18.200	116.300	198.400	116.300	3.800	16.000	0	400	0	0	0	700
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	200	1.600	8.000	600	1.400	1.600	0	0	0	0	0	100
<i>Thalassiosira cf. anguste-lineata</i>	400	400	400	200	600	1.600	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	600	600	2.200	293.200	1.400	600	300	200	400	0	500	300
<i>Thalassiosira cf. delicatula</i>	125.400	120.800	342.000	0	15.000	16.600	0	0	0	0	1.500	2.600
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 58 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	10-sep-09		10-sep-09		10-sep-09		8-sep-09		8-sep-09		5-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	400	0	0	100	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	100	0	0	0	0	0	0	0	0	100
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	400	100	100	0	0	0	0	0	0	0	0	100
<i>Heterocapsa triquetra</i>	45.600	16.000	102.600	11.400	15.800	12.200	0	0	0	0	900	700
<i>Oxytoxum scolopax</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	0	100	200	200	100	100	200	100	0	200	400
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	154.800	287.600	635.400	440.500	30.900	38.900	300	900	800	300	4.100	4.900
TOTAL DINOFLAGELADOS	46.000	16.100	103.400	11.500	15.900	12.300	0	0	0	0	900	1.000
TOTAL SILICOFLAGELADOS	100	0	100	200	200	100	100	200	100	0	200	400
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	200.900	303.700	738.900	452.200	47.000	51.300	400	1.100	900	300	5.200	6.300

Anexo 58 (continuación)

	A36 G. Enjambre 6-sep-09		A37 I. Teresa 5-sep-09		A38N1 I. Jesus 5-sep-09		A39 Pto. Lampazo 5-sep-09		A40 I. Silachilu 5-sep-09		A41 C. Ninualac 5-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	200	0	0	0	0	0	0	600	0	0	0	500
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	400	0	0	500	0	0	1.300	500	600	2.100	0	600
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	0	0	100	100	0	300	100	100	0	200	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	100	0	0	0	0	0	0	0	100	0	0
<i>Guinardia delicatula</i>	0	0	0	200	0	0	0	0	200	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	200	0	0	100	0	0	0	200	0	0	400	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	700	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	100	0	100	0	0	0	100	100	0	0	0
<i>Skeletonema costatum</i>	600	900	1.000	0	1.200	0	600	2.000	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	200	0	0	0	0	300	700	600	400	600	300
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	600	200	0	0	100	0	100	800	400	300	300	0
<i>Thalassiosira cf. delicatula</i>	2.100	1.900	500	0	800	300	400	800	1.200	200	100	700
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 58 (continuación)

	A36 G. Enjambre		A37 I. Teresa		A38N1 I. Jesus		A39 Pto. Lampazo		A40 I. Silachilu		A41 C. Ninualac	
	6-sep-09		5-sep-09		5-sep-09		5-sep-09		5-sep-09		5-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	100	0	100	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	100	100	0	0	0
<i>Heterocapsa triquetra</i>	1.500	0	600	600	3.100	2.200	1.300	400	1.000	800	2.500	500
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	700	100	0	200	100	0	100	100	100	0	200	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	4.200	3.400	2.200	1.100	2.400	400	3.500	5.800	3.200	3.100	1.600	2.200
TOTAL DINOFLAGELADOS	1.600	0	700	600	3.100	2.200	1.300	500	1.200	800	2.700	500
TOTAL SILICOFLAGELADOS	700	100	0	200	100	0	100	100	100	0	200	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	6.500	3.500	2.900	1.900	5.600	2.600	4.900	6.400	4.500	3.900	4.500	2.700

Anexo 58 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churruque		A47 I. Castillo	
	10-sep-09		12-sep-09		12-sep-09		10-sep-09		10-sep-09		12-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Chaetoceros affinis</i>	0	400	300	0	200	0	400	100	400	0	0	100
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	400	0	0	0	59.300	0
<i>Chaetoceros decipiens</i>	1.000	1.700	300	0	0	0	300	0	600	300	300	400
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	400	0	0	0	0	0	500	0	0	0	200	0
<i>Chaetoceros lorenzianus</i>	700	0	0	0	0	0	500	0	0	900	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	500
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	300	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	500	600	300	100	100	300	400	0	600	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	1.000	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	100	0	100	0	0	0	0	0	0	0	100	0
<i>Guinardia delicatula</i>	400	0	800	600	1.100	100	800	600	400	100	123.100	500
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	700	1.500	700	500	0	100	2.000	0	800	0	300	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	500	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	200	0	500	100	0	0	300	0	0	100	0	100
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	6.300	3.200	1.400	1.600	400	0	4.100	700	1.200	0	500	400
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	100	500	200	200	100	200	500	300	1.200	200	0	0
<i>Thalassiosira cf. anguste-lineata</i>	1.300	200	0	0	0	0	0	0	0	700	2.300	0
<i>Thalassiosira cf. decipiens</i>	1.200	0	200	200	100	0	500	0	200	300	9.100	0
<i>Thalassiosira cf. delicatula</i>	2.500	900	2.100	1.700	200	0	800	600	1.200	200	200	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 58 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churruque		A47 I. Castillo	
	10-sep-09		12-sep-09		12-sep-09		10-sep-09		10-sep-09		12-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	200	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	3.400	300	300	300	100	100	1.600	100	3.600	0	0	100
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> cf. <i>tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	100	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	0	100	200	0	0	100	0	0	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas</i> indet.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	15.400	9.100	7.500	5.000	2.500	700	11.700	2.300	6.700	3.000	196.400	2.000
TOTAL DINOFLAGELADOS	3.400	300	400	400	100	100	1.900	100	3.600	0	0	100
TOTAL SILICOFLAGELADOS	100	0	100	200	0	0	100	0	0	0	100	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	18.900	9.400	8.000	5.600	2.600	800	13.700	2.400	10.300	3.000	196.500	2.100

Anexo 58 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	12-sep-09		12-sep-09		14-sep-09		12-sep-09		14-sep-09		13-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	1.600	0	200	0	0	0	0	0	200	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	2.600	0	200	0	200	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	200	200	0	100	100	400	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	1.000	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	116.300	1.200	2.400	0	600	1.300	0	400	1.000	700	0	0
<i>Chaetoceros decipiens</i>	1.200	0	1.800	200	5.000	900	2.400	0	1.000	800	1.800	0
<i>Chaetoceros diadema</i>	400	0	0	0	0	0	800	0	0	0	0	0
<i>Chaetoceros didymus</i>	300	0	1.400	0	0	0	300	0	1.000	0	0	0
<i>Chaetoceros lorentzianus</i>	600	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	500	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	500	0	200	0	0	0
<i>Chaetoceros socialis</i>	27.400	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	500	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	1.600	0	0	0	0
<i>Cocconeis spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	100	500	400	600	200	400	100	100	0	100	100
<i>Detonula pumila</i>	11.400	0	0	300	200	0	200	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	508.400	5.600	17.800	3.500	1.000	0	1.100	500	300	0	400	400
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	4.600	800	3.400	600	1.000	800	27.400	600	900	800	3.000	1.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	600	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	200	200	0	0	500	0	100	0	0	0
<i>Rhabdonema minutum</i>	600	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	5.800	0	2.000	800	16.400	1.100	223.400	8.800	2.400	1.900	27.200	9.300
<i>Stephanopyxis turris</i>	700	0	0	0	0	0	0	0	0	0	200	0
<i>Stephanopyxis cf. palmeriana</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	2.200	800	600	100	2.800	400	400	100	0	600	0	0
<i>Thalassiosira cf. anguste-lineata</i>	77.500	400	3.800	600	400	0	11.400	200	0	0	2.000	400
<i>Thalassiosira cf. decipiens</i>	109.400	1.200	2.200	900	600	300	13.700	200	600	100	600	0
<i>Thalassiosira cf. delicatula</i>	0	400	100	300	600	0	22.800	0	100	100	600	400
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	1.800	200	0	0	200	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 58 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	12-sep-09		12-sep-09		14-sep-09		12-sep-09		14-sep-09		13-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	500	0	0	0	0	0	100	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	300	0	0	0	0	0	200	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	400	0	100	0	0	0	500	0	200	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	0	0	0	100	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	873.100	10.700	37.000	7.900	29.500	5.100	307.600	13.200	7.900	5.000	36.600	12.200
TOTAL DINOFLAGELADOS	800	0	400	100	200	0	400	0	500	0	300	100
TOTAL SILICOFLAGELADOS	0	0	100	0	0	0	100	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	873.900	10.700	37.500	8.000	29.700	5.100	308.100	13.200	8.400	5.000	36.900	12.300

Anexo 58 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia		A59 I. Zealous		A60 Pta. Baker	
	13-sep-09		28-sep-09		28-sep-09		28-sep-09		28-sep-09		28-sep-09		28-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS														
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	100	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	600	0	0
<i>Cerataulina pelagica</i>	0	0	1.000	0	600	0	1.200	400	11.400	0	1.600	200	7.800	600
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0	6.000	0
<i>Chaetoceros compressus</i>	0	0	1.400	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	800	0	400	600	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	400	0	0	0	300	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	4.700	400	900	1.200	0	600	0	0	0	0	0	0	3.200	400
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	1.100	0	0	0	13.700	0	1.200	0	5.600	0
<i>Chaetoceros didymus</i>	400	0	0	200	300	400	0	0	16.000	0	13.700	0	51.000	2.600
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0	1.200	0
<i>Chaetoceros similis</i>	400	0	0	0	0	0	0	0	1.200	0	600	300	0	0
<i>Chaetoceros socialis</i>	0	0	0	800	0	0	0	0	0	0	0	10.600	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0	3.400	0
<i>Chaetoceros sp. 1</i>	600	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	600	0	0	1.400	0	6.800	0	600	0	10.000	0
<i>Chaetoceros spp.</i>	800	0	2.100	0	0	0	3.000	0	0	0	3.800	0	17.600	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	100	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	200	0	0	100	0	200	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	400	0	0	0	100	0	700	0	0	0	600	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora angulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	100	0	200	0	0	0	0	0	100	100	0
<i>Guinardia delicatula</i>	400	0	100	1.000	13.700	1.200	2.400	1.200	13.700	4.600	13.700	600	7.400	2.000
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	100	100	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	200	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	2.800	400	31.900	14.200	98.000	5.800	6.000	11.600	22.800	38.800	45.600	1.600	36.500	1.400
<i>Licmophora abbreviata</i>	0	0	0	0	0	100	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira nummuloides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira pseudogranulata</i>	0	0	0	0	0	0	0	0	400	800	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	200	200	0
<i>Navicula ammophila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	100	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	200	0	0	0	0	100	0	400	200
<i>Pseudo-nitzschia cf. australis</i>	0	0	6.800	0	1.600	800	1.800	0	3.800	0	18.200	400	3.400	1.200
<i>P. cf. pseudodelicatissima</i>	0	0	0	200	200	200	0	200	0	0	0	0	1.600	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	1.100	600	200	200	1.800	0	9.100	0	6.800	1.000	3.600	400
<i>Skeletonema costatum</i>	12.600	4.700	1.447.800	2.400	677.200	8.200	64.200	10.000	1.468.300	38.800	1.698.600	1.600	98.000	3.400
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0	3.400	0
<i>Stephanopyxis cf. palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	1.200	200	36.500	4.700	4.600	2.800	8.200	5.200	41.000	4.600	47.900	6.000	34.200	18.400
<i>Thalassiosira cf. anguste-lineata</i>	2.600	1.600	200	0	0	0	0	0	400	0	0	0	200	0
<i>Thalassiosira cf. decipiens</i>	2.400	1.200	200	0	0	0	0	400	1.000	100	1.000	300	200	400
<i>Thalassiosira cf. delicatula</i>	5.000	800	0	0	0	0	0	0	0	0	0	0	0	400
<i>Thalassiosira cf. minuscula</i>	1.000	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	100	0	200	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 58 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia		A59 I. Zealous		A60 Pta. Baker	
	13-sep-09		28-sep-09		28-sep-09		28-sep-09		28-sep-09		28-sep-09		28-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS														
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	100	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	100	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	100	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	100	0	300	0	0	0	100	100	300	200	100	0	200	0
<i>Heterocapsa triquetra</i>	100	0	200	0	0	0	0	0	400	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	100	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	400	0	0	0	200	100
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium cf. pellucidum</i>	0	0	400	0	100	0	200	0	0	0	300	0	100	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium spp.</i>	0	0	300	0	100	0	0	0	100	0	100	0	0	100
<i>Pyrophacus steinii</i>	0	100	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS														
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS														
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS														
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	35.200	9.300	1.531.700	26.100	797.900	21.500	90.600	29.300	1.610.500	87.700	1.853.400	23.600	295.600	31.400
TOTAL DINOFLAGELADOS	300	100	1.200	0	400	0	300	100	1.300	200	700	0	700	200
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	35.500	9.400	1.532.900	26.100	798.300	21.500	90.900	29.400	1.611.800	87.900	1.854.100	23.600	296.300	31.600

Anexo 59
Densidad de fitoplancton (cél·L⁻¹) en la región de Aysén.
Crucero 8 (4 octubre – 1 noviembre 2009).

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquítín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	17-oct-09		17-oct-09		17-oct-09		17-oct-09		19-oct-09		19-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	100	0	0	0	0	200	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	22.800	16.000	0	29.600	2.400	0	114.000	41.000	24.800	2.200	9.000	10.800
<i>Chaetoceros convolutus</i>	0	400	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	22.800	0	0	0	0	0	800	0	0	0	1.000	0
<i>Chaetoceros decipiens</i>	3.400	1.200	1.600	0	800	1.800	800	4.800	1.200	0	4.800	0
<i>Chaetoceros diadema</i>	0	2.200	800	0	0	0	1.000	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	800	0	0	0	800	0	0	0	800	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	2.600	0	0	0	0	0	0	0	0	800	0	0
<i>Chaetoceros radicans</i>	36.500	1.200	13.700	41.000	800	0	45.600	68.400	11.600	9.200	5.600	5.400
<i>Chaetoceros similis</i>	500	0	11.400	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	3.200	0	0	11.400	18.200	0	9.600	2.600	6.200
<i>Chaetoceros teres</i>	0	0	0	0	0	0	600	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	16.000	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	100	0	100	0	0	0	0	0	100	0	0	100
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	0	100	0	100	0	0	0	0	100	0	0
<i>Detonula pumila</i>	400	800	0	0	0	0	0	0	0	0	0	500
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	1.200	400	400	400	0	0	600	600	1.000	400	600	400
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Grammatophora spp.</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	400	0	0	300	0	0	100
<i>Lauderia annulata</i>	0	0	0	0	0	0	600	0	0	0	0	0
<i>Leptocylindrus danicus</i>	1.200	0	0	0	0	0	0	0	0	0	500	400
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	600	1.200	0	0	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lyrella lyra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	100	100	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	11.400	36.500	38.800	57.000	7.800	2.400	88.900	116.300	25.600	22.400	34.200	24.400
<i>P. cf. pseudodelicatissima</i>	0	0	600	0	0	600	1.600	300	200	1.800	3.600	200
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	300	0	0	0	0	0	100	0	0	0
<i>Rhizosolenia setigera</i>	0	300	0	100	0	0	0	200	0	0	0	0

Anexo 59 (continuación)

	A01 I. Virginia-B. Low 17-oct-09		A02 Repollal-C. Puquítín 17-oct-09		A03 Pto. Barrientos 17-oct-09		A04 I. Julia-G. Peligroso 17-oct-09		A05 I. Ovalada 19-oct-09		A05N1 I. Valverde 19-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Rhoicosphenia curvata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	200	0	1.600	0
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	1.200	0	0	2.800	1.200	0	300	1.200	700	1.100	400	500
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	4.600	0	400	1.400	400	0	13.700	2.300	600	1.000	800	600
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	177.800	84.400	29.600	54.700	3.600	400	79.800	9.100	2.800	2.000	7.200	4.800
<i>Thalassiosira cf. decipiens</i>	6.800	2.300	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	84.400	25.100	6.800	4.600	0	0	2.300	4.600	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	300	200	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	200	500	100	0	0	0	200	100	100	0	300	0
<i>Alexandrium ostenfeldii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	200	100	0	0	100	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	400	800	500	200	200	400	500	900	100	500	500	400
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	200	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	100	0	0	0	0	0	0	100	0	0	200	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	200	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	100	0	0	0	0	100	200	0	0	0
<i>Protoperidinium cf. steinii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	200	0	0	0	0	0	200	0	0	100	0	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	200	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	394.100	171.600	106.600	195.200	17.100	5.600	362.900	267.100	69.500	50.700	72.800	54.500
TOTAL DINOFLAGELADOS	1.300	1.400	800	200	200	400	1.100	1.400	400	700	1.700	400
TOTAL SILICOFAGELADOS	200	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	395.600	173.000	107.400	195.400	17.300	6.000	364.000	268.500	69.900	51.400	74.500	54.900

Anexo 59 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	7-oct-09		7-oct-09		7-oct-09		7-oct-09		7-oct-09		7-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	1.400	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	100	500	0	0	1.400	700
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	5.400	500	0	0	0	0	3.600	1.400	0	200	21.000	500
<i>Chaetoceros convolutus</i>	5.200	0	0	0	0	0	0	0	0	0	800	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	3.000	0	0	0	800	800
<i>Chaetoceros decipiens</i>	800	0	0	0	0	0	0	0	0	0	6.600	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	2.000	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentianus</i>	0	0	0	0	0	0	0	500	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	1.600	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	1.400	600
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	20.500	2.300	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	900	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	1.600	0	0	0	6.200	300
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	5.800	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	200	0	0	0	0	0	0	0	0	0	100	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	100	300	0	0	100	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	100	0	0	0	0	100	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	200	100
<i>Epithemia zebra</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	500	0	0	0	0
<i>Grammatophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	400	0	0	100	2.300	0	4.600	11.400	600	0	11.400	4.600
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	4.600	1.000	1.000	0	52.400	22.800
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lyrella lyra</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	400	0	0	0	400	0	0	500	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amnophila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Pleurosigma normanii</i>	100	0	0	100	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	100	0	0	0	0	0	0	0	0	14.200	300
<i>P. cf. pseudodelicatissima</i>	400	0	0	0	0	0	1.600	0	400	400	3.600	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	0	0	0	0	0	0	0	0	0	100	0

Anexo 59 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	7-oct-09		7-oct-09		7-oct-09		7-oct-09		7-oct-09		7-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Rhoicosphenia curvata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	3.000	1.100	9.100	0	11.400	0	6.800	6.800	800	400	18.200	9.100
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	200	0	0	0	1.400	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	800	200	100	0	0	0	800	100	200	0	6.800	2.300
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	301.000	43.300	161.900	50.200	116.300	4.600	47.900	6.800	3.800	1.000	187.000	25.100
<i>Thalassiosira cf. decipiens</i>	114.000	16.000	29.600	27.400	50.200	2.300	4.600	0	400	600	4.600	0
<i>Thalassiosira cf. delicatula</i>	31.900	4.600	16.000	2.400	13.700	4.600	25.100	34.200	1.600	1.000	376.200	63.800
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	100	0	100	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fuscus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Gyrodinium spp.</i>	600	0	100	0	0	0	400	200	0	0	2.000	500
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	200	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	100	0	0	0	0	0	0	0	0	0	400	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	100	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	100	100	0	0	0	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	464.600	66.000	217.000	80.300	194.400	11.700	125.100	67.400	8.800	3.600	725.400	131.100
TOTAL DINOFLAGELADOS	900	100	100	0	100	0	900	200	100	0	2.800	600
TOTAL SILICOFLAGELADOS	0	0	0	0	100	100	0	0	0	0	100	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	465.500	66.100	217.100	80.300	194.600	11.800	126.000	67.600	8.900	3.600	728.300	131.700

Anexo 59 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	7-oct-09		8-oct-09		8-oct-09		8-oct-09		8-oct-09		8-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Amphiprora cf. gigantea</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	1.000	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	700	100	0	0	0
<i>Cerataulina pelagica</i>	4.600	2.300	9.100	2.300	600	0	6.800	2.300	800	6.400	1.600	3.400
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	70.700	9.100	86.600	47.900	200.600	75.200	104.900	77.500	66.100	4.600	59.300	22.800
<i>Chaetoceros convolutus</i>	0	0	1.000	0	0	0	800	500	0	0	0	0
<i>Chaetoceros debilis</i>	2.800	1.000	0	0	13.700	2.300	11.400	4.600	34.200	0	8.800	4.600
<i>Chaetoceros decipiens</i>	16.000	2.300	11.400	11.400	86.600	45.600	9.100	2.300	2.000	1.600	4.800	2.400
<i>Chaetoceros diadema</i>	800	0	800	1.800	4.600	2.300	0	0	0	1.500	1.600	700
<i>Chaetoceros didymus</i>	2.000	0	1.200	4.200	18.200	4.600	0	0	29.600	600	1.600	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	4.000	1.600	800	400	0	5.000	5.400	5.000	0	5.800	7.600	3.000
<i>Chaetoceros radicans</i>	2.400	0	10.200	2.800	47.900	2.300	0	0	45.600	2.200	3.200	1.200
<i>Chaetoceros similis</i>	1.600	300	300	0	0	0	1.200	700	1.000	400	2.200	0
<i>Chaetoceros socialis</i>	1.200	0	1.600	7.600	22.800	4.600	2.000	0	9.100	1.000	0	0
<i>Chaetoceros teres</i>	1.000	0	800	0	200	900	1.700	0	0	0	2.800	0
<i>Chaetoceros sp. 2</i>	1.200	2.000	0	5.400	0	6.600	1.800	6.200	1.600	5.800	3.800	6.600
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	100	0	200	200	100	200	300	100	300	0	200	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	0	200	100	100	0	200	200	0	0	400	200
<i>Detonula pumila</i>	0	0	0	0	0	400	0	0	400	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	600	200	200	1.200	400	200	0	200	600	0	300	200
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	22.800	4.600	41.000	63.800	68.400	66.100	43.300	41.000	59.300	25.100	27.400	27.400
<i>Lauderia annulata</i>	0	0	0	1.200	0	0	400	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	54.700	2.300	6.800	4.600	18.200	4.600	0	2.800	22.800	1.600	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lyrella lyra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Plagiotropis gaussii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	100	0	0	100	0	0	0
<i>Pleurosigma normanii</i>	100	0	0	0	0	0	0	0	0	100	0	0
<i>Pseudo-nitzschia cf. australis</i>	38.800	4.600	9.100	11.400	29.600	9.100	68.400	9.100	9.100	0	38.800	25.100
<i>P. cf. pseudodelicatissima</i>	9.100	2.300	6.800	6.800	57.000	22.800	4.800	0	2.300	1.200	29.600	11.400
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	100	0	300	200	0	200	0	500	0	100	0	300

Anexo 59 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	7-oct-09		8-oct-09		8-oct-09		8-oct-09		8-oct-09		8-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Rhoicosphenia curvata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	25.100	16.000	421.800	278.200	207.500	104.900	741.000	86.600	1.456.900	45.600	371.600	177.800
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	4.800	400	6.200	4.800	4.400	6.000	3.600	800	21.600	3.200	10.000	600
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	47.900	2.300	4.600	4.600	9.100	2.300	16.000	4.600	2.300	2.300	4.600	4.600
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	282.700	47.900	118.600	86.600	98.000	75.200	77.500	75.200	139.100	84.400	310.100	91.200
<i>Thalassiosira cf. decipiens</i>	2.300	2.300	6.800	2.300	6.800	4.600	4.600	2.300	9.100	4.600	2.300	2.300
<i>Thalassiosira cf. delicatula</i>	517.600	54.700	95.800	109.400	41.000	11.400	11.400	11.400	25.100	125.400	79.800	159.200
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	800	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	100	0	100	300	100	0	300	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	200	0	100	0	200	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	100	0	0	0	100	0	100	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	100	0	0	0	100	0	0	0	0	0
<i>Gyrodinium</i> spp.	5.400	1.200	1.100	2.600	300	500	700	1.400	1.000	500	1.000	500
<i>Heterocapsa triquetra</i>	0	0	100	0	0	0	0	0	0	0	400	200
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	100	0	0	0	100	100	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	400	0	0	0	0	0	100	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium excentricum</i>	0	0	300	400	0	0	200	0	0	0	100	300
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	200	100	100	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	100	0	0	400	0	0	0	0	300	0	200	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	500	500	0	200	500	0	500	300	1.000	800	700	200
<i>Protoperidinium cf. steinii</i>	0	0	0	100	0	0	0	0	100	0	0	100
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium</i> spp.	100	0	300	300	300	0	0	0	100	200	0	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	200	0	100	0	100	0	100	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	0	200	100	100	0	200	0	0	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.115.500	156.200	843.000	659.200	936.800	457.500	1.116.800	334.800	1.939.300	323.600	972.400	545.000
TOTAL DINOFLAGELADOS	6.400	1.800	2.600	4.400	2.200	500	2.200	1.800	2.700	1.600	2.800	1.300
TOTAL SILICOFLAGELADOS	100	0	200	100	100	0	200	0	0	0	100	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.122.000	158.000	845.800	663.700	939.100	458.000	1.119.200	336.600	1.942.000	325.200	975.300	546.300

Anexo 59 (continuación)

	A18 Pta. Cáiqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	6-oct-09		8-oct-09		9-oct-09		9-oct-09		9-oct-09		9-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	4.400	2.800	4.600	2.300	800	400	5.000	5.600	1.400	2.600	6.800	2.300
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Chaetoceros constrictus</i>	41.000	11.400	9.100	4.600	9.100	2.300	36.500	4.600	11.400	22.800	36.500	16.000
<i>Chaetoceros convolutus</i>	800	0	0	0	0	0	0	600	0	0	0	0
<i>Chaetoceros debilis</i>	27.400	22.800	0	4.600	0	0	6.800	11.400	18.200	11.400	11.400	4.600
<i>Chaetoceros decipiens</i>	1.600	2.000	3.600	0	9.100	2.300	5.800	5.000	4.400	3.600	2.400	1.400
<i>Chaetoceros diadema</i>	0	0	0	1.200	0	0	0	3.200	700	0	0	0
<i>Chaetoceros didymus</i>	800	0	0	0	1.800	0	0	1.200	1.600	800	27.400	9.100
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	800	3.600	0	1.000	600	1.500	3.600	3.400	4.000	0	3.400	1.800
<i>Chaetoceros radicans</i>	6.800	2.300	0	0	4.000	0	0	600	1.600	0	500	0
<i>Chaetoceros similis</i>	700	400	600	0	0	1.500	0	400	900	0	400	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	1.200	9.200	600	100	1.600	2.000	2.800	10.200	6.200	4.000	0	6.600
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	400	100	0	0	0	0	100	300	100	400	100	100
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	300	0	200	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	800	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	600	200	300	400	0	0	0	400	0	200	600	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	1.500	0	0	0	400	0	100
<i>Grammatophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	120.800	86.600	13.700	22.800	25.100	9.100	177.800	107.100	41.000	36.500	346.600	182.400
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	800	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	400	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	11.400	2.300	0	0	9.100	11.400	9.100	4.600	13.700	6.800	6.800	4.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lyrella lyra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	4.800	200	400	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Pleurosigma directum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Pseudo-nitzschia cf. australis</i>	2.000	2.800	8.000	4.600	9.100	0	15.000	9.600	22.800	20.500	11.400	9.100
<i>P. cf. pseudodelicatissima</i>	2.800	1.400	1.200	2.300	3.600	0	2.600	1.800	18.200	16.000	9.100	2.300
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	400	600	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	100	0	0	0	0	0	0	0	0	0	100
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	200	0	0	0	100	200	0	100	0	0	0

Anexo 59 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	6-oct-09		8-oct-09		9-oct-09		9-oct-09		9-oct-09		9-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Rhoicosphenia curvata</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	75.200	45.600	3.249.000	200.600	2.679.000	45.600	3.762.000	684.000	2.975.400	1.265.400	1.746.500	734.200
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	2.600	0	400	0	3.400	0	800	0	0	0	2.000	5.000
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	2.300	0	4.600	4.600	4.600	2.200	11.400	22.800	0	0	9.100	4.600
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	70.700	63.800	43.300	11.400	184.700	22.800	123.100	77.500	84.400	45.600	173.300	189.200
<i>Thalassiosira cf. decipiens</i>	4.600	4.600	0	4.600	2.300	0	0	2.300	4.600	2.300	2.300	2.300
<i>Thalassiosira cf. delicatula</i>	337.400	134.500	2.300	6.800	4.600	4.600	109.400	20.500	41.000	22.800	22.800	11.400
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	400	0	200	0	1.600	0	100	0	0	0	500	200
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	0	400	0	700	0	0	100	100	300	400	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	400	1.800	1.000	0	2.000	100	500	700	800	800	1.400	400
<i>Heterocapsa triquetra</i>	1.600	0	0	0	200	0	16.600	400	14.000	1.000	12.600	1.800
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	100	0	0	100	0	0	0	0	100	100	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	100	0	0	0	0	100	200	100
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium pyriforme</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	200	0	0	0	0	0	100	0	0	0	100	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	100	3.000	0	900	100	1.400	100	300	100	700	0
<i>Protoperidinium cf. steinii</i>	0	0	100	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	100	0	0	0	100	100	100	0	100	100
<i>Ptychodiscus lunula</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	300	100	200	100	300	0	300	100	100	300	200	300
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	100	0	0	0	0	0	0
TOTAL DIATOMEAS	716.500	396.700	3.341.600	271.900	2.953.300	113.000	4.273.600	977.500	3.251.900	1.462.900	2.420.400	1.187.400
TOTAL DINOFLAGELADOS	2.700	2.200	5.300	0	5.700	300	18.800	1.400	15.300	2.400	16.500	2.600
TOTAL SILICOFLAGELADOS	300	100	200	100	300	0	300	100	100	300	200	300
TOTAL OTROS	0	0	0	0	0	100	0	0	0	0	0	0
TOTAL	719.500	399.000	3.347.100	272.000	2.959.300	113.400	4.292.700	979.000	3.267.300	1.465.600	2.437.100	1.190.300

Anexo 59 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quirralco		A28 Pta. Lynch		A29 Pto. Bonito	
	12-oct-09		12-oct-09		11-oct-09		11-oct-09		12-oct-09		11-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	800	100	0	0	200	200	0	0	0	0	1.600	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	2.600	0	0	0	0	0	0	0	0	0	2.400	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	1.400	1.000	2.800	1.800	500	600	0	0	1.600	1.000	10.200	1.500
<i>Chaetoceros decipiens</i>	0	0	1.600	800	0	0	0	0	1.000	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	1.200	0	1.800	1.000	0	0	800	600	0	0	3.400	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	600	400	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	27.400	0	500	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	1.000	0	0	0
<i>Chaetoceros sp. 2</i>	0	1.400	600	0	0	0	0	900	2.000	0	400	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	200	100	400	0	100	100	0	0	100	0	0	0
<i>Coscinodiscus granii</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	200	0	0	100	100	0	200	0	100	200	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	800	100	300	0	200	0	100	100	200	0	200	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Grammatophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	43.300	50.200	4.600	0	29.600	18.200	20.500	11.400	16.000	9.100	9.100	2.300
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	3.800	400	16.000	9.100	4.600	11.400	27.400	4.600	4.600	0	1.800	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Lyrella lyra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gausii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	600	800	0	0	1.200	2.400	0	0	0	300	0	200
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	200	0	0	300
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	200	200	100	0	0	300	0	0	100	0	0

Anexo 59 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quitralko		A28 Pta. Lynch		A29 Pto. Bonito	
	12-oct-09		12-oct-09		11-oct-09		11-oct-09		12-oct-09		11-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Rhoicosphenia curvata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	394.400	681.700	2.140.900	1.550.400	540.400	257.600	925.700	1.395.400	1.810.300	624.700	656.600	829.900
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	600	0	0	0
<i>Stephanopyxis turris</i>	2.800	4.400	6.000	4.200	1.200	1.600	0	0	2.800	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	107.200	34.200	77.500	45.600	6.800	2.300	16.000	9.100	13.700	300	9.100	2.300
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Thalassiosira cf. anguste-lineata</i>	314.600	433.200	202.900	104.900	6.800	9.100	114.000	66.100	91.200	4.600	43.300	25.100
<i>Thalassiosira cf. decipiens</i>	34.200	59.300	43.300	28.000	2.300	2.300	2.300	2.300	20.500	2.300	4.600	9.100
<i>Thalassiosira cf. delicatula</i>	13.700	11.400	16.000	11.400	43.300	38.800	27.400	9.100	18.200	4.600	41.000	16.000
<i>Thalassiosira cf. eccentrica</i>	2.300	36.500	800	0	0	500	0	900	34.200	0	2.300	2.300
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	100	800	600	200	100	300	0	200	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	0	0	0	0	0	0	0	0	0	100	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Gyrodinium spp.</i>	5.400	4.000	1.600	600	1.000	200	1.700	100	1.500	0	200	100
<i>Heterocapsa triquetra</i>	400	200	1.800	700	3.600	1.000	300	0	0	100	400	0
<i>Polykrikos spp.</i>	200	0	0	0	0	0	200	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	100	300	200	0	0	0	100	0	100	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	400	100	100	0	0	0	100	0	200	0	200	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	300	900	700	200	200	0	1.000	100	800	0	100	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	100	0	0	0	0	100	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	100	0	0	100	0	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	924.200	1.315.700	2.516.100	1.757.400	637.300	345.200	1.135.100	1.500.600	2.045.900	647.200	786.900	889.000
TOTAL DINOFLAGELADOS	6.900	5.600	5.200	2.100	5.100	1.300	3.900	200	3.100	200	1.000	100
TOTAL SILICOFLAGELADOS	0	0	0	0	100	0	0	100	0	0	100	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	931.100	1.321.300	2.521.300	1.759.500	642.500	346.500	1.139.000	1.500.900	2.049.000	647.400	788.000	889.100

Anexo 59 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	9-oct-09		9-oct-09		10-oct-09		19-oct-09		19-oct-09		6-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	700	0	1.700	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	3.600	1.000	800	1.800	0	0	0	100	0	100	1.400	2.000
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	600	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	50.200	22.800	34.200	9.100	31.900	27.400	0	3.200	12.600	18.400	7.600	13.800
<i>Chaetoceros convolutus</i>	34.200	4.600	0	200	0	0	0	0	0	300	0	0
<i>Chaetoceros debilis</i>	0	0	6.800	9.100	9.100	6.800	0	0	0	0	20.600	16.600
<i>Chaetoceros decipiens</i>	8.800	3.200	0	0	3.000	6.900	400	1.200	4.800	500	1.200	0
<i>Chaetoceros diadema</i>	0	0	0	0	800	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	4.800	0	800	1.700	500	600	0	800	400	400	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	4.000	1.000	0	3.400	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	1.000	1.400	4.200	3.200	700	0	2.200	5.600	12.200	13.200	0	0
<i>Chaetoceros similis</i>	0	0	0	400	600	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	11.400	2.300	800	0	900	0	0	1.800	7.400	8.000	0	0
<i>Chaetoceros teres</i>	300	0	0	0	900	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	2.800	5.600	1.000	1.600	0	0	0	0	0	0	5.800	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	5.000	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	100	400	100	0	0	0	0	0	0	0	100
<i>Coscinodiscus granii</i>	100	0	100	100	100	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	500	200	200	200	100	200	0	0	100	0	0	0
<i>Detonula pumila</i>	0	0	0	0	400	0	0	0	0	2.800	2.000	800
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	200	200	400	1.400	0	600	0	100	600	800	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	200	300	0	2.500	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	453.700	202.900	207.500	177.800	207.500	193.800	0	0	400	600	26.200	18.200
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	600	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	11.400	4.600	0	20.500	0	0	0	3.200	0	400	2.400	2.000
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Lyrella lyra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	11.400	2.300	1.200	1.000	4.600	300	1.000	11.800	38.400	30.200	0	600
<i>P. cf. pseudodelicatissima</i>	18.200	4.600	4.000	1.800	16.000	2.300	0	0	400	1.200	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	200	0	0	200	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	300	0	0	0
<i>Rhizosolenia setigera</i>	100	0	100	0	300	0	0	0	0	100	0	0

Anexo 59 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	9-oct-09		9-oct-09		10-oct-09		19-oct-09		19-oct-09		6-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Rhoicosphenia curvata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.226.600	456.000	161.900	202.900	278.200	159.600	0	400	0	0	4.800	23.200
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	5.400	0	800	1.400	2.400	800	0	100	2.600	1.600	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	47.900	22.800	9.100	6.800	11.400	11.400	0	600	2.200	400	1.600	2.000
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	223.400	180.100	148.200	102.600	123.100	111.700	1.400	600	5.400	8.200	9.600	7.600
<i>Thalassiosira cf. decipiens</i>	6.800	4.600	2.300	4.600	6.800	2.300	0	0	600	0	0	0
<i>Thalassiosira cf. delicatula</i>	16.000	11.400	4.600	4.600	18.200	9.100	0	0	0	0	1.800	4.400
<i>Thalassiosira cf. eccentrica</i>	3.000	0	0	700	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	700	300	800	500	700	1.000	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	100	100	0	0	0	0	100	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	100	400	0	100	0	0	100	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	3.800	700	800	1.500	900	1.300	400	300	300	100	0	0
<i>Heterocapsa triquetra</i>	8.200	200	5.000	5.600	2.400	3.600	0	0	0	0	1.000	500
<i>Polykrikos spp.</i>	300	0	400	300	0	200	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	200	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	200	100	200	300	200	200	0	0	0	100	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	100	0	0	0	200	0	0	100	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	100	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	300	100	300	400	300	200	0	0	0	0	0	100
<i>Protoperidinium cf. steinii</i>	100	0	0	0	200	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	100	0	100	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	100	0	500	100	0	100	0	0	0	0	0	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	300	100	400	400	300	100	0	0	100	100	400	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	100	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.147.500	932.200	591.200	559.700	717.700	533.800	5.000	29.600	88.600	92.800	85.000	91.400
TOTAL DINOFLAGELADOS	14.000	1.800	8.700	8.900	4.900	6.900	600	400	500	300	1.000	600
TOTAL SILICOFLAGELADOS	300	100	400	400	300	100	0	0	100	100	400	100
TOTAL OTROS	0	100	0	0	0	0	0	0	0	0	0	0
TOTAL	2.161.800	934.200	600.300	569.000	722.900	540.800	5.600	30.000	89.200	93.200	86.400	92.100

Anexo 59 (continuación)

	A36 G. Enjambre		A37 I. Teresa		A38N1 I. Jesus		A39 Pto. Lampazo		A40 I. Silachilu		A41 C. Ninualac	
	6-oct-09		5-oct-09		5-oct-09		5-oct-09		5-oct-09		5-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatus</i>	100	0	0	0	0	0	100	0	0	100	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	2.800	200	11.000	1.600	3.000	200	600	800	600	400	0	700
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	6.200	1.400	45.600	57.000	5.800	2.800	2.600	5.000	7.800	1.600	1.000	5.000
<i>Chaetoceros convolutus</i>	0	0	600	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	4.800	1.000	768.400	4.600	61.600	13.700	8.800	22.000	13.800	7.600	27.400	4.700
<i>Chaetoceros decipiens</i>	7.600	1.000	75.200	800	10.200	0	5.000	0	1.000	0	1.000	2.800
<i>Chaetoceros diadema</i>	1.200	0	0	0	0	0	0	0	2.400	0	0	0
<i>Chaetoceros didymus</i>	0	200	800	0	0	200	0	0	1.400	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	19.400	5.600	4.000	0	0	0	1.200	1.400	0	1.100
<i>Chaetoceros radicans</i>	1.200	0	0	0	0	0	1.200	0	0	0	0	0
<i>Chaetoceros similis</i>	400	400	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	5.800	3.400	0	0	1.400	2.400	1.200	0	600	1.200	1.000	1.400
<i>Chaetoceros sp. 3</i>	0	0	6.200	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	800	0	0	0	0	0	1.200	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	100	0	200	0	0	100	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	100	0	0	100
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	300	200	500	100	0	0
<i>Detonula pumila</i>	0	0	0	0	0	400	0	400	800	1.200	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	400	0	200	0	0	0	100	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	100	100	0	0	0	0	0
<i>Grammatophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	77.500	104.900	86.600	25.100	22.800	16.000	20.500	9.100	52.400	47.900	22.800	4.600
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	20.500	47.900	1.000	600	0	1.800	34.200	4.600	102.600	25.100	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lyrella lyra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	900	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	2.000	1.200	1.200	0	800	600	0	200	0	0	1.400	0
<i>P. cf. pseudodelicatissima</i>	2.800	3.800	0	0	0	4.000	400	0	0	400	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	100	200	0	0	100	0	0	0	100	100	0	0

Anexo 59 (continuación)

	A36 G. Enjambre		A37 I. Teresa		A38N1 I. Jesus		A39 Pto. Lampazo		A40 I. Silachilu		A41 C. Ninualac	
	6-oct-09		5-oct-09		5-oct-09		5-oct-09		5-oct-09		5-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Rhoicosphenia curvata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	187.000	36.500	61.600	0	0	600	253.100	285.000	1.365.700	289.600	150.500	111.700
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	300	2.400	0	0	0	0	0	2.200	0	0	0
<i>Synedropsis spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	2.000	2.300	2.300	0	600	22.800	0	9.100	25.100	11.400	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	68.400	47.900	107.200	4.600	4.600	2.300	18.200	4.600	27.400	22.800	13.700	1.600
<i>Thalassiosira cf. decipiens</i>	4.600	0	13.700	0	6.800	0	200	1.200	6.800	6.800	800	200
<i>Thalassiosira cf. delicatula</i>	25.100	45.600	6.800	2.300	2.300	2.300	2.300	400	9.100	6.800	6.800	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Dinophysis acuminata</i>	0	0	500	200	0	0	0	100	100	0	100	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	200	300	400	100	0	0	300	0	800	300	200	100
<i>Heterocapsa triquetra</i>	3.200	300	1.400	0	500	100	9.600	3.200	14.200	3.200	500	600
<i>Polykrikos spp.</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	100	0	100	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	200	100	200	0	100	0	400	0	100	0	0	200
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	100	0	100	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Protoperidinium spp.</i>	0	100	100	0	0	0	0	0	0	0	0	100
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Scripsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	300	100	0	100	300	0	200	100	200	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	418.200	298.800	1.210.500	104.500	124.600	48.000	372.100	333.600	1.605.700	438.200	239.400	133.900
TOTAL DINOFLAGELADOS	3.700	1.000	2.800	300	700	100	10.400	3.300	15.600	3.500	800	1.000
TOTAL SILICOFLAGELADOS	0	0	300	100	0	100	300	0	200	100	200	100
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	421.900	299.800	1.213.600	104.900	125.300	48.200	382.800	336.900	1.621.500	441.800	240.400	135.000

Anexo 59 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churruque		A47 I. Castillo	
	10-oct-09		10-oct-09		10-oct-09		4-oct-09		4-oct-09		10-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	300	0	400	200	0	300	0	0	300	400	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	3.200	7.600	3.400	0	1.200	0	0	0	1.600	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	4.400	3.200	11.400	50.200	155.000	54.700	2.600	3.000	16.000	7.200	34.200	34.200
<i>Chaetoceros decipiens</i>	0	0	1.000	0	1.000	0	800	3.000	0	600	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	1.200	0	1.000	800	0	0	3.000	600	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	2.400	0	0	0	0	1.500	0	0	0	0
<i>Chaetoceros radicans</i>	0	700	0	0	0	1.400	0	0	0	0	1.400	0
<i>Chaetoceros similis</i>	0	600	100	0	400	0	200	1.000	0	100	1.800	600
<i>Chaetoceros socialis</i>	0	0	27.400	9.100	22.800	18.200	0	0	0	0	22.800	25.100
<i>Chaetoceros teres</i>	0	0	0	600	0	0	0	0	0	0	300	0
<i>Chaetoceros sp. 2</i>	2.200	0	3.200	0	700	600	0	0	0	700	1.700	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	600	5.200	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	300	100	200	300	0	100	200	100	400	100	100	100
<i>Coscinodiscus granii</i>	0	0	0	0	200	0	0	100	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Cylindrotheca closterium</i>	200	200	400	300	100	0	700	300	800	500	0	200
<i>Detonula pumila</i>	0	400	400	1.000	0	200	0	400	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	800	0	1.200	0	2.200	200	0	400	800	600	1.800	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	31.900	66.100	36.500	38.800	1.800	5.400	13.700	25.100	38.800	36.500	2.600	3.800
<i>Lauderia annulata</i>	0	400	500	0	0	1.200	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	6.800	0	0	0	0	0	0	0	600	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	54.700	18.200	18.200	4.000	16.000	4.800	27.400	27.400	57.000	0	400	4.400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Lyrella lyra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	400	0	0	0	0	0	0	0	400	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	900	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	100	0	0	0	0	100	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	800	300	2.800	0	0	300	400	800	0	0	0	1.400
<i>P. cf. pseudodelicatissima</i>	11.400	400	4.800	5.200	6.800	0	400	0	200	400	0	600
<i>Rhabdonema arcuatum</i>	800	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	100	400	0	200	200	0	300	200	200	300	100

Anexo 59 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churruque		A47 I. Castillo	
	10-oct-09		10-oct-09		10-oct-09		4-oct-09		4-oct-09		10-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Rhoicosphenia curvata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.014.600	590.500	1.137.700	558.600	722.800	834.500	2.113.600	3.000.400	3.408.600	3.032.400	1.272.200	1.108.100
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	3.600	0	6.600	2.400	5.200	900	0	400	300	2.200	1.800	2.200
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	15.400	8.000	18.400	8.200	31.900	6.600	16.000	2.200	20.500	2.300	11.400	25.100
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	400	0	0
<i>Thalassiosira cf. anguste-lineata</i>	47.900	41.000	141.400	52.400	79.800	132.200	77.500	27.400	54.700	38.800	207.500	132.200
<i>Thalassiosira cf. decipiens</i>	43.300	11.400	25.100	27.400	47.900	4.600	4.800	2.300	13.700	18.200	36.500	9.100
<i>Thalassiosira cf. delicatula</i>	11.400	18.200	102.600	41.000	47.900	36.500	20.500	20.500	47.900	43.300	27.400	38.800
<i>Thalassiosira cf. eccentrica</i>	1.400	300	9.100	0	2.300	100	0	800	0	0	20.500	31.900
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	100	500	0	0	400	200	600	200	0	400	500	300
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	1.100	700	1.100	500	800	200	1.100	1.100	1.900	900	2.300	0
<i>Heterocapsa triquetra</i>	2.000	1.800	10.600	200	1.500	400	7.400	6.400	19.400	2.600	4.400	400
<i>Polykrikos spp.</i>	200	0	300	100	0	0	0	0	0	0	100	0
<i>Preperidinium meunieri</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium aspidiotum</i>	0	0	0	0	100	0	200	0	0	100	0	0
<i>Proto-peridinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium excentricum</i>	100	0	0	0	300	0	100	300	0	0	200	0
<i>Proto-peridinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. grani</i>	100	0	100	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. obtusum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Proto-peridinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. pellucidum</i>	500	700	1.000	0	300	0	600	200	200	100	900	200
<i>Proto-peridinium cf. steinii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. tristylum</i>	0	0	100	0	0	0	0	0	0	0	100	0
<i>Proto-peridinium spp.</i>	0	0	100	100	300	0	0	0	0	0	100	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	200	200	200	0	100	0	100	0	200	100	400	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.250.300	773.600	1.563.000	800.700	1.147.400	1.102.700	2.282.200	3.118.000	3.661.800	3.185.300	1.645.800	1.418.000
TOTAL DINOFLAGELADOS	4.200	3.700	13.300	900	3.900	800	10.000	8.200	21.500	4.100	8.600	900
TOTAL SILICOFLAGELADOS	200	200	200	0	100	0	100	0	200	100	400	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.254.700	777.500	1.576.500	801.600	1.151.400	1.103.500	2.292.300	3.126.200	3.683.500	3.189.500	1.654.800	1.418.900

Anexo 59 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	10-oct-09		10-oct-09		12-oct-09		11-oct-09		12-oct-09		11-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	200	0	0	100	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	1.300	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	200	0	400	0	100	100	200	0	600	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	1.800	0	3.000	0	0	0	3.800	800
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	433.200	18.200	159.600	12.800	0	800	10.400	15.600	3.200	0	0	600
<i>Chaetoceros decipiens</i>	0	0	0	0	300	0	0	3.000	0	200	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	2.000	0	2.000	1.400	0	0	2.000	800	0	0	2.600	400
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	1.400	0	0	0	0	0	800	0	0	0	2.600	0
<i>Chaetoceros radicans</i>	20.500	0	0	0	0	0	0	0	0	0	1.400	0
<i>Chaetoceros similis</i>	0	0	800	0	0	0	300	0	0	0	0	0
<i>Chaetoceros socialis</i>	456.000	0	20.500	63.800	11.400	0	3.000	3.800	0	0	11.400	0
<i>Chaetoceros teres</i>	1.200	0	0	0	0	0	600	0	0	0	2.200	0
<i>Chaetoceros sp. 2</i>	6.000	0	0	2.400	0	0	0	0	0	0	0	400
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	100	200	0	0	200	0	0	0	0	100
<i>Coscinodiscus granii</i>	0	100	0	0	100	0	0	100	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Cylindrotheca closterium</i>	400	100	100	100	200	0	0	200	0	0	100	0
<i>Detonula pumila</i>	0	0	0	800	0	0	0	400	0	0	400	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	5.800	0	200	1.200	600	100	600	200	200	100	400	400
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	100	0	100
<i>Grammatophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.200	1.400	5.800	11.000	20.500	11.400	31.900	31.900	20.500	4.600	4.600	4.600
<i>Lauderia annulata</i>	800	600	600	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.000	0	0	1.400	0	400	18.200	41.000	16.000	2.300	4.600	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lyrella lyra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	400	500	0	500	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	6.200	400	600	800	1.000	0	2.800	0	0	0	1.400	0
<i>P. cf. pseudodelicatissima</i>	13.400	400	0	6.600	0	0	0	0	0	0	2.200	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	100	200	0	0	400	200	0	0	0	0

Anexo 59 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	10-oct-09		10-oct-09		12-oct-09		11-oct-09		12-oct-09		11-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Rhoicosphenia curvata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	396.700	3.800	444.200	1.101.200	912.000	1.621.000	686.300	538.100	880.100	1.190.200	275.900	150.500
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	4.400	3.400	3.800	2.600	1.200	1.100	2.200	400	800	1.600	600	600
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	27.400	3.800	18.200	36.500	50.200	20.900	13.700	27.400	13.700	6.800	4.600	4.600
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	497.000	43.300	266.800	132.200	323.800	75.200	150.500	114.000	68.400	25.100	61.600	45.600
<i>Thalassiosira cf. decipiens</i>	4.600	0	22.800	11.400	6.800	50.200	34.200	16.000	4.600	11.400	9.100	4.600
<i>Thalassiosira cf. delicatula</i>	4.600	0	9.100	16.000	20.500	11.400	22.800	34.200	20.500	9.100	29.600	31.900
<i>Thalassiosira cf. eccentrica</i>	6.800	0	0	0	0	700	4.600	2.300	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	100	0	300	200	300	0	100	0	100	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	900	0	500	200	600	500	400	200	400	100	400	200
<i>Heterocapsa triquetra</i>	100	0	2.400	200	100	100	3.400	600	500	100	1.400	200
<i>Polykrikos spp.</i>	300	100	0	200	0	0	0	100	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	800	0	100	0	0	100	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	200	100	1.400	0	100	500	300	0	200	0
<i>Protoperidinium cf. steinii</i>	0	0	0	100	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium spp.</i>	100	0	0	0	0	0	200	0	0	100	0	0
<i>Ptychodiscus lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	100	0	0	0	0	0	0	0	100
<i>Scrippsiella trochoidea</i>	0	0	0	300	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	200	0	100	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.891.300	76.000	955.500	1.403.200	1.352.100	1.793.200	988.700	829.800	1.028.400	1.251.500	419.800	245.300
TOTAL DINOFLAGELADOS	2.400	100	3.500	1.400	2.400	700	4.700	1.400	1.400	300	2.000	500
TOTAL SILICOFAGELADOS	0	0	0	0	200	0	100	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.893.700	76.100	959.000	1.404.600	1.354.700	1.793.900	993.500	831.200	1.029.800	1.251.800	421.800	245.800

Anexo 59 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia		A59 I. Zealous		A60 Pta. Baker	
	11-oct-09		1-nov-09		31-oct-09		31-oct-09		31-oct-09		31-oct-09		31-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS														
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinocyclus curvatulus</i>	0	0	0	100	0	0	0	0	0	0	0	0	0	0
<i>Amphiprora cf. gigantea</i>	0	0	0	0	0	0	0	0	0	0	0	100	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asteromphalus heptactis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	114.000	18.200	52.400	4.600	73.000	11.400	63.800	22.800	16.000	61.600	285.000	66.100
<i>Chaetoceros affinis</i>	0	0	0	2.000	0	0	400	0	1.600	1.400	0	0	1.000	1.400
<i>Chaetoceros compressus</i>	0	0	43.300	22.800	63.800	9.100	5.600	0	31.900	11.400	21.400	6.000	52.400	9.100
<i>Chaetoceros constrictus</i>	0	0	16.000	6.800	47.900	4.600	10.200	4.600	9.100	22.800	74.400	18.200	82.100	29.600
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	500	0	0	0	0	0
<i>Chaetoceros debilis</i>	8.000	4.000	45.600	6.800	116.300	25.100	20.500	57.000	9.100	31.900	50.600	50.600	29.600	9.100
<i>Chaetoceros decipiens</i>	500	0	3.400	2.000	1.200	1.000	0	1.000	0	1.000	5.600	1.600	4.800	0
<i>Chaetoceros diadema</i>	0	0	1.800	1.600	2.600	0	0	0	1.400	1.400	0	0	1.200	0
<i>Chaetoceros didymus</i>	3.400	0	2.600	1.200	1.400	0	2.800	2.000	1.000	0	7.600	2.200	2.400	400
<i>Chaetoceros laciniosus</i>	0	0	0	0	400	0	800	0	0	0	3.000	0	0	0
<i>Chaetoceros lorenzianus</i>	1.400	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	59.300	36.500	130.000	54.700	16.000	6.800	104.900	13.700	51.600	16.600	145.900	20.500
<i>Chaetoceros similis</i>	0	0	300	300	0	0	300	0	0	0	0	0	0	400
<i>Chaetoceros socialis</i>	0	0	0	0	2.400	0	2.400	1.200	1.400	0	4.200	1.400	9.100	20.500
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	600	200	1.100	300	600	0
<i>Chaetoceros sp. 2</i>	800	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	200	0	0	0	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0	100	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	100	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	200	100	0	2.600	0	100	0	0	0	200	200	0	0
<i>Detonula pumila</i>	0	0	800	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis didyma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	400	0	800	200	2.000	0	500	200	0	800	600	600	1.200	1.400
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	400
<i>Grammatophora marina</i>	0	0	100	0	0	0	500	0	0	100	400	200	0	0
<i>Grammatophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.600	4.000	73.000	36.500	22.800	16.000	18.200	107.200	6.800	11.400	7.400	8.000	45.600	20.500
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	400	0	0	0	0	0	1.800	400	0	0	1.600	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.800	100	9.100	3.200	800	0	800	7.200	0	1.200	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	100	0	0
<i>Lyrella lyra</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	500	0	0	0	700	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	200	0	0	0	0	0	0	800	0	0
<i>Navicula ammobila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	100	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	400	2.000	0	600	800	0	0	0	700	0	600
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	100	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	100	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	100	0	0	0	100	100	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	2.000	1.200	4.200	1.600	400	1.400	1.200	1.600	7.000	1.000	3.200	1.000
<i>P. cf. pseudodelicatissima</i>	0	0	1.800	200	1.800	0	2.600	2.400	1.000	200	1.800	2.000	400	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	100	0	0	0	0	300	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	400	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	100	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	900	500	500	400	200	400	300	700	800	600	500	900

Anexo 59 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia		A59 I. Zealous		A60 Pta. Baker	
	11-oct-09		1-nov-09		31-oct-09		31-oct-09		31-oct-09		31-oct-09		31-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Rhoicosphenia curvata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	228.000	214.300	36.500	9.100	22.800	6.800	13.700	22.800	34.200	16.000	143.600	59.300	18.200	9.100
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	400	0	0	0
<i>Stephanopyxis turris</i>	0	300	0	0	400	0	0	0	200	200	0	400	400	200
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	4.600	2.200	187.000	88.900	177.800	84.400	82.100	31.900	230.300	93.500	241.700	155.000	323.800	127.700
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	52.400	29.600	400	200	1.600	400	100	0	200	0	400	0	800	0
<i>Thalassiosira cf. decipiens</i>	2.300	11.400	200	800	100	100	0	0	0	0	200	400	100	0
<i>Thalassiosira cf. delicatula</i>	6.800	13.700	0	0	100	300	0	0	0	0	0	700	0	0
<i>Thalassiosira cf. eccentrica</i>	16.000	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	200	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	100	0	0	0	0	0	0	0
DINOFLAGELADOS														
<i>Alexandrium catenella</i>	100	0	700	0	900	0	200	0	0	200	400	100	0	100
<i>Alexandrium ostenfeldii</i>	0	0	100	0	0	0	100	0	0	0	0	100	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	100	200	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	100	0	200	0	0	0	0	0	100	0	0	0
<i>Ceratium lineatum</i>	0	0	100	0	0	0	100	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	300	0	100	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	200	100	0	0	0	0	200	100	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	600	400	200	0	3.200	300	900	0	0	0	800	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	100	0	0	0	0	200	100	200	100
<i>Protoperidinium conicum</i>	0	0	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	100	0	200	0	0	0	300	300	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	100	0	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	100	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	100	100	100	200	300	100	0	200	0	100	100	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperidinium cf. mite</i>	0	0	100	0	0	0	0	0	200	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	300	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. obtusum</i>	0	0	100	0	0	0	0	200	0	0	200	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	100	0	1.000	100	1.300	200	500	0	200	0	1.000	300	700	100
<i>Protoperidinium cf. steinii</i>	0	0	0	0	200	0	0	0	100	0	0	0	0	300
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	200	100	0	0
<i>Protoperidinium spp.</i>	300	0	0	0	200	100	0	100	0	0	0	0	400	0
<i>Ptychodiscus lunula</i>	0	100	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	200	0	200	0	0	100	0	0
<i>Scrippsiella trochoidea</i>	0	0	200	0	0	0	0	0	0	0	100	0	0	0
SILICOFAGELADOS														
<i>Dictyocha speculum</i>	0	0	100	0	0	0	0	0	0	0	0	0	0	0
ZOOASTIGOFOROS														
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS														
TOTAL DINOFLAGELADOS	1.500	600	2.700	300	7.200	1.100	2.900	500	700	400	3.400	1.300	1.500	600
TOTAL SILICOFAGELADOS	0	0	100	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	329.800	280.400	602.400	240.300	665.300	210.200	255.000	259.600	501.600	233.900	643.900	390.400	1.011.500	319.500

Anexo 60
Densidad de fitoplancton (cél·L⁻¹) en la región de Aysén.
Crucero 9 (7 – 23 noviembre 2009).

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	7-nov-09		7-nov-09		7-nov-09		8-nov-09		8-nov-09		8-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	2.400	0	0	0	0	0	27.400	11.400	0	1.400	0	0
<i>Chaetoceros constrictus</i>	800	0	0	0	600	0	0	0	600	0	16.000	9.100
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	1.400	200	0	0	1.200	0	6.000	2.400	2.200	0	800	900
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	600	0	0	41.000	20.500
<i>Chaetoceros didymus</i>	400	0	0	0	200	0	3.200	1.600	13.700	4.600	9.100	4.600
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	3.800
<i>Chaetoceros radicans</i>	0	0	0	0	0	1.600	68.400	25.100	31.900	4.600	22.800	4.600
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	800	1.000	22.800	13.700	91.200	20.500	2.600	9.600
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	20.500	2.300	0	0
<i>Chaetoceros spp.</i>	0	600	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	200	0	0	0	0	0	100	200
<i>Coscinodiscus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	500	300	0	0	0	100	100	0	200	9.100	4.600
<i>Detonula pumila</i>	1.000	0	0	0	1.600	4.000	18.200	16.000	6.800	4.600	63.800	45.600
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	200	0	0	200	400	1.200	9.100	6.800	6.800	4.600	20.500	13.700
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	400	0	0	0
<i>Grammatophora marina</i>	0	0	0	200	0	0	0	100	0	0	0	0
<i>Guinardia delicatula</i>	0	0	400	100	0	0	0	500	800	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	800	400	500
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	400	0	0	0	0	0	4.600	1.200	0	0	0	600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	100	0	0	0	0	0	0	0	0	0	200	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	100	0	0	0	0	100
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	100	1.200	1.000	0	0	600	11.400	4.600
<i>P. cf. pseudodelicatissima</i>	1.200	800	26.000	6.400	7.000	1.200	25.100	9.100	31.900	20.500	50.200	27.400
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	400	200	0	700	1.800	1.400	1.100	1.000	0	100
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	100	0	0	0	200	600	6.800	11.400	11.400	4.600	1.800	600
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	800	600	25.100	6.800	16.000	9.100	25.100	4.600

Anexo 60 (continuación)

	A01 I. Virginia-B. Low		A02 Repollat-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	7-nov-09		7-nov-09		7-nov-09		8-nov-09		8-nov-09		8-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	1.800	1.000	2.300	4.600	4.600	2.300	47.900	31.900
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	400	800	200	200	800	0	400	300	600	800	2.300	2.300
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	600	800	200	0	2.200	2.000	22.800	20.500	27.400	18.200	13.700	9.100
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	100	0	100	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	100	0	0	100
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	100	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	100	100	100	0	800	600	1.200	400
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	100	0	0	0	0	0	0	0	100	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	100	100	0	0	0	0	100	300	200	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	100	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	0	200	100	100	0	0	0	100	100	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	9.000	3.700	27.700	7.300	17.900	15.100	245.200	133.600	267.900	100.700	339.800	199.200
TOTAL DINOFLAGELADOS	0	200	200	0	200	100	100	100	1.400	900	1.500	500
TOTAL SILICOFLAGELADOS	0	200	100	100	0	0	0	100	100	0	100	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	9.000	4.100	28.000	7.400	18.100	15.200	245.300	133.800	269.400	101.600	341.400	199.700

Anexo 60 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	12-nov-09		12-nov-09		12-nov-09		12-nov-09		12-nov-09		11-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	1.000	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	7.000	4.400	0	0	93.500	9.100
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	800	200	500	11.400	13.700
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	18.200	9.100
<i>Chaetoceros decipiens</i>	600	400	0	0	300	0	3.600	3.600	0	0	59.300	6.800
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	6.800	4.600
<i>Chaetoceros didymus</i>	400	600	0	0	0	0	6.800	4.600	600	0	88.900	25.100
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	800	1.000	0	0	25.100	4.600
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	1.200	0	800	0	104.900	11.400
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	1.200	0
<i>Chaetoceros spp.</i>	600	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	100	0	0	0	100	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	200	0	0	0	200	100
<i>Coscinodiscus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	100	200	300	100	0	300	100	200	200	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	200	0	0	1.200	500
<i>Diploneis subovalis</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	200	0	0	100	400	0	9.100	2.300	0	0	38.800	20.500
<i>Epithemia zebra</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	500	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	1.600	500	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	800	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	700	300	0	0	1.700	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	100	0	0	200	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	26.800	53.400	11.000	0	3.000	1.200	18.200	9.100	200	100	6.800	22.800
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	300	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	300	300	400	0	600	0	27.400	13.700	200	0	79.300	43.300
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.000	0	0	0	0	0	0	1.000	0	1.800	0	0

Anexo 60 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	12-nov-09		12-nov-09		12-nov-09		12-nov-09		12-nov-09		11-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	1.500	500
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	1.000	200	400	300	1.400	0	0	400	2.300	400
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	200	200	200	0	200	100	300	0	600	300
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	300	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	200	0	0	0	500	200	900	100	200	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	200	0	0	0	300	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	300	0	500	0	500	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protocentrum reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	200	0	0	0	0	100	300	0	0	0	600	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	100	0	100	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Dictyocha speculum</i>	0	0	400	300	100	0	2.800	0	3.500	500	600	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	30.200	54.800	12.900	1.000	5.100	2.300	77.000	41.300	4.100	3.600	543.700	172.900
TOTAL DINOFLAGELADOS	200	0	200	0	0	100	1.500	200	1.700	100	2.800	100
TOTAL SILICOFLAGELADOS	0	0	400	300	100	0	2.800	0	3.500	500	700	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	30.400	54.800	13.500	1.300	5.200	2.400	81.300	41.500	9.300	4.200	547.200	173.000

Anexo 60 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zahartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	13-nov-09		13-nov-09		13-nov-09		13-nov-09		13-nov-09		13-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	200	0	0	600	400	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	200	100	0	1.000	700	0	400	0	200	0	0
<i>Chaetoceros compressus</i>	13.700	4.600	29.600	6.800	1.800	600	800	700	4.600	2.300	9.100	2.300
<i>Chaetoceros constrictus</i>	68.400	25.100	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	400	0	0	0	0	900	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	13.700	2.300	16.000	2.300	1.400	1.600	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	13.700	9.100	52.400	25.100	38.800	29.600	145.900	53.300	171.000	43.300	361.000	61.600
<i>Chaetoceros lorenzianus</i>	0	0	900	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	57.000	11.400	75.200	43.300	57.000	22.800	13.700	9.100	9.100	4.600	6.800	2.300
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	11.400	9.100	52.400	22.800	34.200	25.100	38.800	25.100	0	2.200	52.400	18.200
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	500	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	100	0	300	100	100	0	100	0	100	0	0
<i>Coscinodiscus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	11.400	2.300	29.600	31.900	31.900	11.400	13.700	9.100	11.400	2.400
<i>Detonula pumila</i>	13.700	11.400	34.200	25.100	50.200	43.300	27.400	22.800	1.800	1.800	18.200	6.800
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	9.100	6.800	29.600	22.800	25.100	20.500	9.100	6.800	13.700	9.100	4.600	2.300
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	1.200	1.500	4.000	0	3.200	300	300	200	500	300	0	0
<i>Grammatophora marina</i>	600	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	6.800	2.300	0	400	0	1.200	0	100	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	400	0	0	0	200	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	6.800	4.600	11.400	9.100	9.100	4.600	2.000	2.300	600	0	600	1.400
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	4.600	2.300	0	0	4.600	2.300	36.500	27.400	0	0	4.600	2.300
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	900	100	500	0	1.200	0	600	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	400	0	200	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	100	0	0	0	500	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	4.600	4.600	4.600	6.800	2.300	4.600	2.300	4.600	1.200	6.800	3.200	22.800
<i>P. cf. pseudodelicatissima</i>	198.400	100.300	63.800	50.200	269.000	184.700	221.200	100.300	418.000	114.000	266.000	100.300
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	6.800	6.800	4.400	3.400	2.200	6.800	300	900	1.700	300	0	600
<i>Rhizosolenia pungens</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	38.800	34.200	73.000	100.300	34.200	22.800	1.500	4.600	1.000	1.400	800	500
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	47.900	11.400	13.700	11.400	18.200	11.400	16.000	9.100	43.300	20.500	57.000	20.500

Anexo 60 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zahartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	13-nov-09		13-nov-09		13-nov-09		13-nov-09		13-nov-09		13-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	18.200	16.000	18.200	13.700	31.900	25.100	6.800	25.100	9.100	11.400	9.100	11.400
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	2.300	4.600	2.300	2.300	1.200	2.300	2.300	2.300	0	0
<i>Thalassiosira subtilis</i>	0	0	900	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	500	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	4.600	2.300	18.200	9.100	13.700	9.100	9.100	4.600	2.300	2.300	0	2.600
<i>Thalassiosira cf. decipiens</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	400	0	700	100	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	200	100	0	0	100	0	100	100	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	100	100	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	3.600	100	1.400	600	1.100	100	1.100	400	1.100	100	200	100
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	2.500	800	900	0	400	200	800	800	1.800	0	2.600	300
<i>Heterocapsa triquetra</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	2.100	100	1.900	200	1.100	100	1.000	300	3.000	700	300	400
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Proto-peridinium aspidiotum</i>	800	200	200	200	200	100	200	0	100	200	0	100
<i>Proto-peridinium claudicans</i>	200	100	100	0	200	100	200	0	0	0	300	100
<i>Proto-peridinium conicum</i>	0	100	0	100	100	100	200	200	500	200	0	0
<i>Proto-peridinium denticulatum</i>	0	0	100	0	0	100	0	0	0	0	100	0
<i>Proto-peridinium excentricum</i>	400	1.000	2.400	1.600	1.200	300	1.600	400	1.000	100	300	100
<i>Proto-peridinium pentagonum</i>	0	0	0	0	0	0	0	200	0	0	200	0
<i>Proto-peridinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. grani</i>	100	0	0	0	0	0	0	0	100	0	0	0
<i>Proto-peridinium cf. oblongum</i>	100	0	400	0	100	0	100	0	100	0	200	0
<i>Proto-peridinium cf. obtusum</i>	200	0	0	0	0	0	0	0	0	0	0	100
<i>Proto-peridinium cf. pallidum</i>	200	0	0	0	100	0	0	0	0	0	0	0
<i>Proto-peridinium cf. pellucidum</i>	100	0	100	0	300	200	100	0	200	0	300	100
<i>Proto-peridinium cf. steinii</i>	200	100	0	100	0	100	0	0	0	0	0	0
<i>Proto-peridinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proto-peridinium</i> spp.	0	0	100	200	0	200	200	300	200	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	500	500	0	0	400	100	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	200	0	0	0	0	0	0	100	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	1.400	400	500	800	500	100	100	100	100	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	541.900	267.200	517.700	360.300	631.900	453.500	565.400	311.200	693.900	232.000	804.800	258.700
TOTAL DINOFLAGELADOS	11.900	3.100	8.300	3.100	5.400	2.100	5.600	2.800	8.200	1.300	4.500	1.300
TOTAL SILICOFLAGELADOS	1.400	400	500	800	500	100	100	100	100	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	555.200	270.700	526.500	364.200	637.800	455.700	571.100	314.100	702.200	233.300	809.300	260.000

Anexo 60 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	10-nov-09		13-nov-09		14-nov-09		14-nov-09		14-nov-09		15-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	11.400	4.600	0	2.800	0	0	1.400	0	0	0	0	2.800
<i>Chaetoceros constrictus</i>	0	0	700	1.400	43.300	13.700	0	0	54.700	43.300	4.600	3.800
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	1.200	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	800	0	0	0	0	0	1.400	900	1.800	500	0
<i>Chaetoceros diadema</i>	0	0	28.500	2.300	9.100	0	0	0	20.500	9.100	800	0
<i>Chaetoceros didymus</i>	779.000	63.800	285.000	43.300	248.500	57.000	216.600	54.200	394.400	107.200	598.500	95.000
<i>Chaetoceros lorenzianus</i>	800	1.000	0	0	0	300	0	0	0	0	1.200	1.400
<i>Chaetoceros radicans</i>	16.000	2.300	1.400	800	13.700	4.400	16.000	11.400	47.900	25.100	0	3.400
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	500	0	0
<i>Chaetoceros socialis</i>	11.400	6.800	800	1.600	0	2.800	0	6.000	0	2.400	9.100	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Coscinodiscus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	300	1.400	0	0	0	200	1.200	10.200	9.100	4.600	4.600	1.600
<i>Detonula pumila</i>	16.000	18.200	0	0	0	500	400	4.600	800	3.600	4.800	7.800
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	9.100	11.400	1.000	200	0	300	1.600	6.800	4.600	2.300	6.800	11.400
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	700
<i>Grammatophora marina</i>	0	0	300	0	0	0	0	0	200	300	0	100
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	500	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	200	0	0	0	200	400	1.200	4.200	400	600	6.800	4.600
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	1.200	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	11.400	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	200	200	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	500	0	0	0	0	0	0	1.200	0	0	0	700
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	600	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	100	0	0	200	0	100
<i>Pseudo-nitzschia cf. australis</i>	0	0	400	400	0	0	0	1.400	9.100	11.400	4.600	4.600
<i>P. cf. pseudodelicatissima</i>	418.000	25.100	52.400	22.800	54.700	20.500	171.000	184.700	476.500	342.000	1.681.500	627.000
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	100	0	0	0	0	0	0	0	0	200	0	0
<i>Rhizosolenia imbricata</i>	100	200	0	0	0	0	0	600	0	500	0	300
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	200	0	0	0	400	200	200	0	100	500
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	4.600	6.800	36.500	20.500	61.600	11.400	13.700	11.400	25.100	22.800	114.000	43.300

Anexo 60 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	10-nov-09		13-nov-09		14-nov-09		14-nov-09		14-nov-09		15-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	22.800	34.200	400	600	200	600	200	22.800	6.800	16.000	16.000	45.600
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	100	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	400	0	400	300	1.000	800	3.400
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	800	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	6.800	4.600	400	0	0	0	200	1.200	0	400	4.600	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	300
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	100	0	0	100	0	0	0	0	100	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	100	0	0	0	100
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	100	0	0	100	100	0	0	100
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	600	0
<i>Gyrodinium</i> spp.	1.100	100	200	0	100	100	200	900	600	0	0	800
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heteroschisma</i> spp.	100	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Polykrikos</i> spp.	100	0	0	0	0	0	0	100	100	0	300	400
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	200	0	0	100	0
<i>Protoperidinium conicum</i>	0	100	100	0	100	0	0	0	0	200	300	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	1.800	400	100	0	200	100	500	1.800	800	200	2.400	2.600
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. pallidum</i>	100	0	0	0	100	0	0	0	0	100	0	0
<i>Protoperidinium cf. pellucidum</i>	100	0	400	0	100	0	0	200	200	0	300	0
<i>Protoperidinium cf. steinii</i>	100	0	0	0	0	0	0	100	200	0	100	200
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	100	0	0	0	0	0	200	0	100	100	200	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	100	0	300	0	0	0	0	0	300	200	0	0
<i>Scripsiella trochoidea</i>	0	0	0	0	0	0	0	0	100	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.298.300	182.100	408.000	96.700	431.400	113.900	424.600	334.700	1.052.100	595.300	2.459.300	858.500
TOTAL DINOFLAGELADOS	3.800	600	1.100	100	800	200	900	3.500	2.700	900	4.600	4.400
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	100
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.302.100	182.700	409.100	96.800	432.200	114.100	425.500	338.200	1.054.800	596.200	2.463.900	863.000

Anexo 60 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quitralco		A28 Pta. Lynch		A29 Pto. Bonito	
	17-nov-09		17-nov-09		16-nov-09		17-nov-09		17-nov-09		16-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	100	200	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	13.700	2.300	6.800	2.300	0	0	300	800	0	0	700	1.000
<i>Chaetoceros compressus</i>	0	0	0	400	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	13.700	2.300	9.100	4.600	18.200	2.300	6.800	4.600	4.000	0	9.100	25.100
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	25.100	4.600	2.600	700	600	2.200	25.100	22.800	0	0	600	0
<i>Chaetoceros decipiens</i>	36.500	4.600	9.100	2.300	200	800	36.500	20.500	2.400	1.000	1.200	3.200
<i>Chaetoceros diadema</i>	0	0	4.600	2.300	600	0	0	1.800	400	0	0	1.800
<i>Chaetoceros didymus</i>	76.000	6.800	68.400	25.100	6.800	400	20.500	11.400	1.000	700	3.800	2.800
<i>Chaetoceros lorenzianus</i>	1.600	1.100	1.000	400	0	200	0	100	500	0	0	700
<i>Chaetoceros radicans</i>	2.800	1.500	3.200	700	4.600	800	59.300	43.300	2.400	0	3.000	1.600
<i>Chaetoceros similis</i>	2.300	2.300	9.100	2.300	0	0	11.400	6.100	500	0	1.400	0
<i>Chaetoceros socialis</i>	20.500	6.800	1.000	0	0	0	0	3.400	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	500	0	2.000	0
<i>Cocconeis spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	500	100	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	4.600	2.300	9.100	4.600	4.600	1.000	6.800	4.600	100	0	0	1.000
<i>Detonula pumila</i>	0	0	1.000	800	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Ditylum brightwellii</i>	43.300	20.500	50.200	20.500	11.400	4.600	45.600	31.900	4.600	6.800	6.800	11.400
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	500	0	0	0	100	100	0	0	0	0
<i>Guinardia delicatula</i>	13.700	2.300	13.700	2.300	20.500	2.300	200	0	200	100	300	600
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	27.400	4.600	41.000	29.600	4.600	2.200	16.000	9.100	2.200	0	9.100	3.000
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	6.800	4.600	4.600	0	6.800	4.600	3.200	0	4.600	11.400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	400	0	400	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	100	0	300	100	0	100	100	200	0	0	100
<i>Pseudo-nitzschia cf. australis</i>	20.500	2.300	27.400	4.600	2.300	2.300	6.800	2.300	800	800	2.300	4.600
<i>P. cf. pseudodelicatissima</i>	82.100	9.100	150.500	102.600	54.700	22.800	34.200	25.100	1.400	300	13.700	9.100
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	100	100	800	0	100	0	400	0	100	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	1.000	1.200	2.300	2.300	0	100	1.200	600	0	100	0	100
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.311.000	43.300	704.500	456.000	187.000	31.900	743.300	202.900	61.600	22.800	82.100	41.000

Anexo 60 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quirralco		A28 Pta. Lynch		A29 Pto. Bonito	
	17-nov-09		17-nov-09		16-nov-09		17-nov-09		17-nov-09		16-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	228.000	25.100	330.600	116.300	57.000	25.100	43.300	34.200	4.600	6.800	16.000	4.600
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	45.600	11.400	13.700	9.100	4.600	600	36.500	25.100	11.400	0	25.100	2.300
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	13.700	4.600	18.200	4.600	2.300	2.300	2.300	1.200	2.300	0	2.300	11.400
<i>Thalassiosira cf. decipiens</i>	9.100	2.300	1.400	300	0	0	500	0	200	100	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	600	0	100	0	600	200	0	0	200	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	100	0	0	0	0	0	100	0	0	0	100	0
<i>Ceratium pentagonum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	0	0	0	0	100	300	100	0	100	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	100	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	700	100	1.100	200	100	0	500	100	0	0	200	0
<i>Heterocapsa triquetra</i>	4.400	2.200	3.000	200	0	0	0	100	0	0	4.200	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	200	0	500	0	0	0	0	100	0	0	0	0
<i>Preperidinium meunieri</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protocentrum reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	200	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	400	100	0	0	0	0	0	0	100	0
<i>Protoperidinium conicum</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	6.200	1.800	7.000	1.200	400	0	1.000	1.200	500	200	2.000	400
<i>Protoperidinium pentagonum</i>	0	100	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	100	0	0	0	0	0	0	0	0	100
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	100	100	0	0	0	0	100	0	200	100
<i>Protoperidinium cf. pellucidum</i>	600	0	300	300	0	0	200	100	100	0	200	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	100	0	0	0	0	0	200
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	200	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	100	200	200	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	200	0	400	0	100	100	400	0	0	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	100	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.993.100	162.100	1.487.200	800.100	384.800	101.900	1.104.000	456.600	104.700	39.500	184.200	136.800
TOTAL DINOFLAGELADOS	13.000	4.200	13.600	2.100	600	200	2.700	2.400	800	200	7.300	900
TOTAL SILICOFLAGELADOS	200	0	400	0	100	100	400	0	0	0	100	0
TOTAL OTROS	100	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2.006.400	166.300	1.501.200	802.200	385.500	102.200	1.107.100	459.000	105.500	39.700	191.600	137.700

Anexo 60 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	15-nov-09		15-nov-09		9-nov-09		8-nov-09		8-nov-09		10-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	1.000	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	700	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	1.000	0	0	200	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	1.200	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	2.800	0	0	79.800	54.700	0	0	3.200	2.600	29.600	43.300
<i>Chaetoceros convolutus</i>	0	0	0	0	0	700	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	5.200	0	0	0	2.000	2.000	0	0
<i>Chaetoceros decipiens</i>	400	0	4.600	2.300	9.100	2.300	9.100	6.800	9.600	6.600	9.100	4.600
<i>Chaetoceros diadema</i>	1.200	0	3.200	800	0	1.200	1.000	1.700	400	400	0	0
<i>Chaetoceros didymus</i>	123.100	84.400	241.700	93.500	63.800	50.200	9.100	4.600	6.000	5.000	237.100	111.700
<i>Chaetoceros lorenzianus</i>	3.000	0	0	0	3.200	2.800	0	0	1.000	1.200	2.200	1.300
<i>Chaetoceros radicans</i>	3.200	1.800	0	1.000	54.700	38.800	4.600	6.800	8.200	6.400	57.000	52.400
<i>Chaetoceros similis</i>	0	0	0	0	1.200	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	1.800	0	800	4.800	1.200	18.200	20.500	15.200	12.200	45.600	104.900
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	1.200	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	18.200	0	0	0	9.600	0	38.800	45.600
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	200	0	100	0	0	0	0	100
<i>Coscinodiscus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	100	0	0	0	0	0	100	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	9.100	9.100	20.500	9.100	600	0	500	200	200	1.200	27.400	45.600
<i>Detonula pumila</i>	4.800	7.800	4.600	6.800	0	1.000	45.600	41.000	27.400	22.800	27.400	29.600
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	18.200	22.800	11.400	6.800	43.300	52.400	11.400	9.100	4.800	3.800	22.800	43.300
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	800	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	100	300	0	0	0	0	400	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Leptocylindrus danicus</i>	16.000	18.200	3.000	1.600	5.200	2.200	1.600	0	1.800	500	4.600	4.600
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	400	400	0	0	0	0	0	1.800	600
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Pleurosigma normanii</i>	0	200	0	0	100	0	100	0	0	100	0	0
<i>Pseudo-nitzschia cf. australis</i>	4.600	18.200	22.800	11.400	25.100	22.800	9.100	6.800	6.800	9.100	4.600	11.400
<i>P. cf. pseudodelicatissima</i>	875.500	570.000	1.254.000	570.000	127.700	100.300	31.900	25.100	13.700	16.000	401.300	428.600
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	100	300	0	200	100	100	0	0	0	0	300	0
<i>Rhizosolenia imbricata</i>	400	400	500	0	0	0	500	500	500	0	500	600
<i>Rhizosolenia pungens</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	100	100	0	400	0	1.100	800	2.000	9.100	4.600	0	100
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	13.700	25.100	22.800	11.400	164.200	84.300	20.500	11.400	0	0	36.500	29.600

Anexo 60 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	15-nov-09		15-nov-09		9-nov-09		8-nov-09		8-nov-09		10-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	38.800	61.500	25.100	20.500	234.800	102.600	20.500	22.800	9.100	11.400	38.800	88.900
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	6.800	2.300	0	0	6.800	2.300	0	600	6.800	2.300	4.600	2.300
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	4.600	2.300	0	2.800	9.100	2.300	130.000	100.300	11.500	9.100	16.000	4.600
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	2.600	0	300	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	1.200	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Ceratium fusus</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	500	100	200	0	0	0	200	0	100	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	900	400	600	200	300	1.000	200	200	400	300	1.200	300
<i>Heterocapsa triquetra</i>	0	0	0	0	600	100	0	0	0	0	0	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Polykrikos</i> spp.	100	800	100	300	300	0	0	0	0	0	200	400
<i>Preperidinium meunieri</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protocentrum reticulatum</i>	100	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	300	100	0	200	100	0	0	0	0	0	100
<i>Protoperidinium conicum</i>	200	0	100	0	0	0	0	0	200	100	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	4.400	4.000	5.800	800	800	100	0	300	0	600	1.500	300
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	100	100	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	100	0	0	100	0	0	0	0	100	0	0
<i>Protoperidinium cf. pellucidum</i>	200	100	500	0	0	200	0	100	0	100	500	0
<i>Protoperidinium cf. steinii</i>	100	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	200	0	100	0	0	400	100	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	300	200	0	0	200	0	0	600	0	600	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	200	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	0	100	0	0	0	100	100	0	100	100	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.123.600	829.100	1.614.200	741.000	863.300	524.900	314.900	261.200	147.100	117.300	1.006.600	1.053.900
TOTAL DINOFLAGELADOS	6.500	6.800	8.100	1.400	2.500	1.800	800	700	1.400	1.200	6.400	1.100
TOTAL SILICOFLAGELADOS	0	100	0	0	0	100	100	0	100	100	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.130.100	836.000	1.622.300	742.400	865.800	526.800	315.800	261.900	148.600	118.600	1.013.000	1.055.000

Anexo 60 (continuaci3n)

	A36 G. Enjambre		A37 I. Teresa		A38N1 I. Jesus		A39 Pto. Lampazo		A40 I. Silachilu		A41 C. Ninualac	
	10-nov-09		10-nov-09		10-nov-09		9-nov-09		9-nov-09		10-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	2.300	2.300	4.600	2.300	400	200
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	11.200	8.800	6.800	2.300
<i>Chaetoceros constrictus</i>	57.000	22.800	0	0	2.400	3.200	13.700	6.800	57.000	50.200	120.800	102.600
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Chaetoceros debilis</i>	0	0	0	900	0	0	18.200	16.000	16.000	11.400	0	0
<i>Chaetoceros decipiens</i>	13.700	11.400	0	0	2.000	3.600	2.800	700	9.100	4.600	4.600	2.300
<i>Chaetoceros diadema</i>	0	0	0	0	0	400	400	0	0	0	0	0
<i>Chaetoceros didymus</i>	134.500	68.400	400	400	4.000	3.800	104.900	25.600	57.000	25.100	54.700	50.200
<i>Chaetoceros lorenzianus</i>	1.000	3.200	0	0	1.400	0	2.600	500	7.000	2.200	9.100	4.600
<i>Chaetoceros radicans</i>	164.200	100.300	1.700	1.000	2.200	9.200	34.200	9.100	70.700	63.800	63.800	41.000
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	600	0	0	0
<i>Chaetoceros socialis</i>	175.600	109.400	400	500	1.800	19.200	36.500	9.100	424.100	84.400	127.700	111.700
<i>Chaetoceros teres</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	1.400	500	0	0	1.000	0
<i>Chaetoceros spp.</i>	5.000	4.600	400	0	2.800	1.800	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	100	200	100	100	0
<i>Coscinodiscus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	100	100	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	2.200	0	0	0
<i>Cylindrotheca closterium</i>	3.800	600	0	600	100	200	6.800	11.400	16.000	11.400	9.100	11.400
<i>Detonula pumila</i>	61.600	34.200	0	1.300	9.100	18.200	22.800	11.400	2.200	1.200	8.400	4.600
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	43.300	31.900	200	100	16.000	4.600	34.200	25.100	73.000	54.700	43.300	25.100
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	400	0	200	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	400	100	0	4.600	2.300	6.800	4.600	600	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	300	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	7.400	800	1.400	0	1.000	3.400	6.800	1.800	16.000	4.600	18.200	11.400
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	300	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	400	600	4.600	1.200	4.400	2.300	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Melosira moniliformis</i>	0	0	0	0	500	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	5.200	0	0	0	700	0	0	0	1.000	1.200	1.200	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	400	600	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	200	0	0	0	0	0	0	0	0	100	100
<i>Pseudo-nitzschia cf. australis</i>	41.000	43.300	200	0	20.500	2.300	4.600	2.300	20.500	11.400	38.800	31.900
<i>P. cf. pseudodelicatissima</i>	652.100	583.700	2.000	500	34.200	11.400	456.000	100.300	91.200	63.800	45.600	41.000
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	100	0	0	0	0	0	0	300	400	200	100
<i>Rhizosolenia imbricata</i>	0	300	0	0	500	0	100	700	100	0	800	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	100	0	0	200	0	0	500	500	100	0	500
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Skeletonema costatum</i>	61.600	16.000	800	0	4.600	1.200	20.500	22.800	4.600	13.700	16.000	22.800

Anexo 60 (continuación)

	A36 G. Enjambre		A37 I. Teresa		A38N1 I. Jesus		A39 Pto. Lampazo		A40 I. Silachilu		A41 C. Ninualac	
	10-nov-09		10-nov-09		10-nov-09		9-nov-09		9-nov-09		10-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	161.900	70.700	400	1.400	77.500	20.500	114.000	86.600	213.800	175.600	255.400	193.800
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	11.400	6.800	200	0	1.400	600	11.400	9.100	1.600	2.600	9.100	11.400
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	36.500	22.800	200	600	9.100	2.400	6.800	4.600	13.700	6.800	31.900	9.100
<i>Thalassiosira cf. decipiens</i>	200	0	0	0	0	0	0	1.600	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	200	500	700	0	0	0
<i>Alexandrium ostenfeldii</i>	0	100	0	0	0	0	0	0	0	0	0	100
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	200	0	0	0	0	100	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	200	0	0	0	0	100	100	200	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	700	1.300	100	0	200	0	500	300	200	400	100	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	100	0	0	0	0	0	200	100	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protocentrum reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	300	100	0	0	0	0	0	0	200	0	100	0
<i>Protoperidinium claudicans</i>	100	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	100	100	100	0	200	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	1.700	1.500	0	500	200	100	3.200	1.800	2.000	600	1.600	200
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium cf. conicoides</i>	0	200	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	100	0	0	0	100	100	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	200	600	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	200	0	200	0	100	0
<i>Protoperidinium cf. steinii</i>	0	100	0	0	0	0	0	100	0	0	0	100
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	200	0	0	100	0	0	0	200	100	100	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	200	100	0	0	0	0	0	0	500	300	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	100	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	100	0	0	0	0	0	0	100	300	0	200	200
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.637.900	1.132.600	8.300	7.900	193.300	106.900	910.400	352.600	1.125.600	607.400	868.300	678.600
TOTAL DINOFLAGELADOS	3.600	4.600	100	600	400	200	4.900	3.400	4.200	1.400	2.300	500
TOTAL SILICOFLAGELADOS	100	0	0	0	0	0	0	100	300	0	200	200
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.641.600	1.137.200	8.400	8.500	193.700	107.100	915.300	356.100	1.130.100	608.800	870.800	679.300

Anexo 60 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churrecue		A47 I. Castillo	
	15-nov-09		15-nov-09		15-nov-09		9-nov-09		9-nov-09		15-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	100	100	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	600	0	0	0	0	0	400	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	2.300	1.200	0	0	0	0	0	1.200	800	0	0	300
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	107.200	84.400	59.300	34.200	31.900	22.800	63.800	43.300	98.000	57.000	68.400	41.000
<i>Chaetoceros convolutus</i>	1.000	0	0	0	300	1.900	0	1.700	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	1.200	0	6.800	9.100	22.800	22.800	18.200	11.400	0	4.800
<i>Chaetoceros decipiens</i>	18.200	4.600	9.100	9.100	4.000	1.000	59.300	9.100	9.100	4.600	2.600	100
<i>Chaetoceros diadema</i>	11.400	4.600	0	0	0	0	0	0	9.100	4.600	0	0
<i>Chaetoceros didymus</i>	52.400	43.300	11.400	9.100	54.700	43.300	43.300	18.200	9.100	4.600	31.900	25.100
<i>Chaetoceros lorenzianus</i>	8.400	4.400	0	500	1.200	400	3.500	1.300	2.800	1.200	1.600	100
<i>Chaetoceros radicans</i>	3.400	1.200	52.400	38.800	16.000	11.400	29.600	9.100	11.400	9.100	50.200	9.100
<i>Chaetoceros similis</i>	4.600	2.300	600	0	0	0	400	500	0	0	0	0
<i>Chaetoceros socialis</i>	70.700	61.600	82.100	77.500	22.800	9.100	73.000	41.000	190.000	102.600	109.400	95.800
<i>Chaetoceros teres</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	2.000	0	600	0	0	800	2.000	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	100	0	0	100	0	0	100	100	0	0	0	0
<i>Coscinodiscus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	2.200	9.100	6.800	31.900	27.400	0	800	9.100	0	38.800	25.100
<i>Detonula pumila</i>	1.400	1.400	0	0	1.200	2.200	9.100	4.600	6.800	0	4.600	1.200
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	86.600	74.400	27.400	22.800	47.900	11.400	86.600	63.800	57.000	25.100	73.000	45.600
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	6.800	2.300	0	100	400	0	0	0	300	500	0	1.800
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	900	0	0	0	0	0	0	0	0	0	400	0
<i>Leptocylindrus danicus</i>	22.800	16.000	47.900	34.200	18.200	11.400	45.600	29.600	75.200	22.800	29.600	11.400
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	16.000	11.400	4.600	2.300	99.800	61.600	4.600	9.100	6.800	2.300	2.300	600
<i>Licmophora abbreviata</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	300	0	400	400	400	0	0	0	0	0	700	300
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicruris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	200	200	0	0	0	0	200	100	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	22.800	20.500	9.100	11.400	25.100	11.400	36.500	22.800	38.800	22.800	9.100	11.400
<i>P. cf. pseudodelicatissima</i>	9.100	6.800	36.500	29.600	323.000	193.800	16.000	11.400	38.000	25.100	209.000	114.000
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	200	200	0	100	800	300	500	700	300	200	0	100
<i>Rhizosolenia imbricata</i>	0	0	500	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	2.300	1.200	300	100	6.800	4.600	300	500	600	1.200	0	100
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	684.000	285.000	50.200	43.300	66.100	45.600	143.600	84.400	95.800	63.800	74.100	59.300

Anexo 60 (continuación)

	A42 C. Pilcomayo		A43 Playas Largas		A44 C. Carrera del Chivato		A45 C. Rodríguez		A46 I. Churrecue		A47 I. Castillo	
	15-nov-09		15-nov-09		15-nov-09		9-nov-09		9-nov-09		15-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	300	0	0	0	0
<i>Stephanopyxis turris</i>	228.000	102.600	143.600	104.900	399.000	221.200	560.900	111.700	228.000	132.200	285.000	111.700
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	47.900	32.200	13.700	9.100	34.200	22.800	34.200	22.800	14.400	6.800	18.200	16.000
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	18.200	11.400	2.300	2.300	4.600	6.800	18.200	4.600	16.000	4.600	18.200	6.800
<i>Thalassiosira cf. decipiens</i>	1.000	600	2.600	0	400	0	4.600	2.300	2.300	1.200	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	600	200	0	100	200	0	0	0	200	0	700	100
<i>Alexandrium ostenfeldii</i>	100	0	0	0	100	0	0	100	200	0	0	100
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	100	100	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	200	0	0	0	0	100	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	1.200	200	100	0	200	100	0	100	100	400	500	100
<i>Heterocapsa triquetra</i>	3.800	400	0	0	0	0	0	0	800	0	200	200
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	200	0	0	200	0	0	0	100	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protocentrum reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	100	300	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium claudicans</i>	100	100	0	0	0	0	0	0	100	100	0	0
<i>Protoperidinium conicum</i>	300	300	0	0	0	0	0	100	100	0	0	0
<i>Protoperidinium denticulatum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	1.400	1.200	500	800	1.600	200	300	500	1.000	100	1.000	600
<i>Protoperidinium pentagonum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	100	0	0	0	200	0	100	0	100	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	100	0	100	0	0	0	100	0	100	0	0	0
<i>Protoperidinium cf. pallidum</i>	100	200	0	0	0	100	0	0	100	100	100	0
<i>Protoperidinium cf. pellucidum</i>	300	0	100	0	100	0	100	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	300	0	0	0	0	0	100	100	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	100	100	0	100	200	0	100	100	0	0	100	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	100	0	0	0	0	0	100	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	200	0	100	0	0	0	100	200	200	100	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.428.400	776.200	566.400	436.700	1.199.100	719.500	1.256.700	518.600	940.100	503.900	1.027.500	581.700
TOTAL DINOFLAGELADOS	8.500	3.700	800	1.000	3.100	400	900	1.100	3.100	700	2.700	1.200
TOTAL SILICOFLAGELADOS	200	0	100	0	0	0	100	200	200	100	100	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.437.100	779.900	567.300	437.700	1.202.200	719.900	1.257.700	519.900	943.400	504.700	1.030.300	582.900

Anexo 60 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	15-nov-09		16-nov-09		17-nov-09		16-nov-09		17-nov-09		16-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Asterionellopsis glacialis</i>	134.500	77.500	0	0	300	0	0	0	0	0	400	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	600	0	400	0	300	300	0	0	900	0	0	0
<i>Chaetoceros compressus</i>	29.600	11.400	0	0	0	0	0	0	0	0	0	1.200
<i>Chaetoceros constrictus</i>	9.100	9.100	34.200	34.200	75.200	13.700	16.000	4.600	11.400	4.600	27.400	4.600
<i>Chaetoceros convolutus</i>	0	0	0	0	0	600	600	300	0	0	0	0
<i>Chaetoceros debilis</i>	77.500	45.600	800	0	0	0	41.000	20.500	2.700	600	3.400	0
<i>Chaetoceros decipiens</i>	9.100	2.300	4.400	5.600	2.200	1.800	0	0	5.000	300	18.200	2.300
<i>Chaetoceros diadema</i>	0	0	0	0	0	400	13.700	2.300	800	0	2.800	800
<i>Chaetoceros didymus</i>	104.900	74.800	25.100	25.100	59.300	6.800	27.400	11.400	13.700	2.300	16.000	11.400
<i>Chaetoceros lorenzianus</i>	7.000	1.100	0	100	0	0	800	0	2.400	0	5.400	1.200
<i>Chaetoceros radicans</i>	109.400	61.600	13.700	9.100	22.800	4.600	54.700	22.800	0	600	31.900	6.800
<i>Chaetoceros similis</i>	0	200	100	600	1.000	0	0	0	0	0	600	0
<i>Chaetoceros socialis</i>	494.000	100.300	0	0	20.500	4.600	9.100	2.300	0	0	6.800	2.300
<i>Chaetoceros teres</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	2.200	0	1.200	1.000	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	100	0	100	0
<i>Corethron pennatum</i>	0	0	100	200	0	0	100	0	100	0	0	0
<i>Coscinodiscus curvatulus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	300	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	228.000	50.200	25.100	11.400	1.200	0	16.000	9.100	100	0	0	0
<i>Detonula pumila</i>	61.600	50.200	2.000	0	0	0	0	0	0	0	1.000	400
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	34.200	22.800	41.000	61.600	52.400	25.100	36.500	27.400	25.100	11.400	16.000	16.000
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.200	400	4.600	2.900	4.600	2.300	82.000	61.600	4.600	2.300	22.800	25.100
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	400	0	0	200	0	100
<i>Leptocylindrus danicus</i>	11.400	25.100	16.000	43.300	18.200	9.100	11.400	13.700	6.800	6.800	20.500	11.400
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	36.500	22.800	0	0	9.100	2.300	20.500	18.200	600	0	54.700	43.300
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	2.000	0	0	0	0	600	500	400	0	0	100	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	1.000	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	300	100	0	200	0	100	0	100	0	100	0	100
<i>Pseudo-nitzschia cf. australis</i>	42.800	22.800	13.700	4.600	6.800	4.600	38.800	27.400	6.800	4.600	54.700	25.100
<i>P. cf. pseudodelicatissima</i>	684.000	200.600	66.100	102.600	2.300	16.000	82.000	43.300	4.600	2.300	22.800	9.100
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	500	200	0	200	300	0	0	100	300	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	4.000	500	400	0	600	700	100	0	500	0	700	100
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	741.000	230.300	139.100	43.300	1.003.200	323.800	36.500	43.300	597.400	410.400	57.000	27.400

Anexo 60 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	15-nov-09		16-nov-09		17-nov-09		16-nov-09		17-nov-09		16-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	63.800	66.100	199.500	116.300	116.300	77.500	225.700	132.200	13.700	11.400	118.600	100.300
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	54.700	30.400	52.400	22.800	47.900	25.100	13.700	11.400	6.800	11.400	6.800	4.600
<i>Thalassiosira subtilis</i>	1.300	700	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	22.800	18.200	2.000	1.000	13.700	6.800	18.200	9.100	2.300	0	20.500	11.400
<i>Thalassiosira cf. decipiens</i>	4.600	2.300	0	400	800	300	2.300	2.300	200	2.300	400	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	300	0	0	0	1.200	0	100	0	0	0	100	100
<i>Alexandrium ostenfeldii</i>	0	0	100	0	0	0	100	0	0	0	0	0
<i>Ceratium fusus</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	100	0	0	0	0	0	0	0	100	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	500	300	600	0	400	0	200	100	100	100	300	100
<i>Heterocapsa triquetra</i>	0	0	0	0	3.200	0	100	0	300	0	0	0
<i>Heteroschisma</i> spp.	0	0	100	100	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	100	0	0	0	0	0	200	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protocentrum reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	200	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	300	100	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	2.400	500	300	400	1.200	600	700	200	1.200	800	2.200	600
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	100	0	0	0	0	100	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	100	0	0	0	100	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	100	900	0	200	0	100	0	0	100
<i>Protoperidinium cf. steinii</i>	200	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	100	0	100	100	0	0	0	0	100	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	200	0	0	0	0	0	0	0	100	100	100	0
<i>Scrippsiella trochoidea</i>	0	0	0	100	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	0	100	200	100	0	0	0	100	200	100	200	200
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.972.900	1.127.600	641.900	487.800	1.459.400	527.100	748.000	463.800	706.900	471.600	509.700	305.000
TOTAL DINOFLAGELADOS	4.300	900	1.600	900	7.000	700	1.500	400	2.100	1.100	3.100	1.000
TOTAL SILICOFLAGELADOS	0	100	200	100	0	0	0	100	200	100	200	200
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2.977.200	1.128.600	643.700	488.800	1.466.400	527.800	749.500	464.300	709.200	472.800	513.000	306.200

Anexo 60 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia		A59 I. Zealous		A60 Pta. Baker	
	16-nov-09		23-nov-09		23-nov-09		23-nov-09		23-nov-09		23-nov-09		23-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS														
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Actinopteryx senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	200	1.200	100	4.700	0	5.800	2.600	400	0	4.200	1.200	27.400	200
<i>Chaetoceros compressus</i>	0	0	0	2.800	0	2.000	800	4.000	0	0	1.400	2.800	0	0
<i>Chaetoceros constrictus</i>	1.600	0	4.200	1.200	3.000	2.000	8.800	2.200	5.400	2.200	2.400	1.600	13.700	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	3.200	0	1.000	1.000	0	0	0	1.600	0	4.800	0	0	0	0
<i>Chaetoceros decipiens</i>	3.000	700	800	0	1.400	0	2.400	0	6.800	9.100	2.000	800	2.200	800
<i>Chaetoceros diadema</i>	1.800	800	9.100	4.600	34.200	22.800	36.500	11.400	54.700	22.800	11.400	6.800	13.700	0
<i>Chaetoceros didymus</i>	9.100	2.300	0	0	100	0	0	0	0	0	400	0	0	0
<i>Chaetoceros lorenzianus</i>	0	400	0	600	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	3.600	600	50.200	43.300	20.500	11.400	22.800	22.000	47.900	25.100	13.700	4.600	20.500	0
<i>Chaetoceros similis</i>	0	300	600	0	0	1.200	900	1.200	800	0	0	0	600	0
<i>Chaetoceros socialis</i>	0	0	0	600	0	3.000	3.000	0	9.100	20.500	3.200	2.200	600	300
<i>Chaetoceros teres</i>	0	0	0	400	0	0	400	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	1.200	0	0	0	0	600	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cocconeis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus curvatulus</i>	0	0	0	0	0	0	0	400	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	100	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	13.700	9.100	0	300	100	500	100	200	200	100	0	0	100	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	100	0	0	0	0	0	0	0	0	0	0
<i>Diploneis cf. crabro</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	9.100	4.600	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	600	0	0	600	0	0	0	0	0	0
<i>Guinardia delicatula</i>	9.100	6.800	0	0	0	0	0	300	0	0	200	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	300	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	11.400	9.100	800	400	400	600	2.200	0	600	0	1.000	500	700	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	22.800	11.400	0	400	1.600	1.800	1.400	600	800	0	0	2.400	700	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	200	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	700	0	300	400	0	0	0	0	0	200
<i>Navicula ammophila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Paralia sulcata</i>	0	0	0	0	500	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	100	0	0	0	0	0	0	100	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	20.500	18.200	2.300	0	800	400	6.800	4.600	4.600	2.300	1.600	1.200	6.800	0
<i>P. cf. pseudodelicatissima</i>	38.800	25.100	9.100	0	5.200	5.600	22.800	18.200	29.600	11.400	5.400	2.800	18.200	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	300	600	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	200	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	100	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	200	1.000	200	800	200	500	300	800	0	900	800	300	100
<i>Rhizosolenia styliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	22.800	11.400	31.900	22.800	22.800	18.200	9.100	16.000	0	8.000	27.400	20.500	20.500	16.000

Anexo 60 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia		A59 I. Zealous		A60 Pta. Baker	
	16-nov-09		23-nov-09		23-nov-09		23-nov-09		23-nov-09		23-nov-09		23-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	50.200	43.300	0	0	200	0	0	0	0	0	0	0	0	0
<i>Surirella fastuosa</i>	0	0	0	0	0	0	0	100	0	0	0	0	0	0
<i>Synedropsis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	9.100	6.800	125.400	66.100	79.800	43.300	84.400	36.500	161.900	86.600	84.400	43.300	116.300	66.100
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. aestivalis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	3.400	400	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	200	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	1.800	0	1.000	400	400	0	0	200	0	0	100
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	300	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS														
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	100	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	100	0	100	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	300	100	200	100	0	0	100	0	0	200	100	0	0	0
<i>Heterocapsa triquetra</i>	100	0	1.400	0	400	300	600	0	1.400	100	400	400	700	0
<i>Heteroschisma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Podolampas bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	100	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	800	100	0	0	0	0	0	0	300	0	0	0	0	100
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	100	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	100	100	0	100	0	0	300	0	100	0	0	0
<i>Protoperidinium cf. pellucidum</i>	300	0	500	0	200	0	0	0	0	0	0	0	300	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thorianum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	100	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	400	100	0	200	0	0	0	0	100	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	400	100	0	0	0	0	0	0	0	0
SILICOFLAGELADOS														
<i>Dictyocha fibula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dictyocha speculum</i>	600	0	0	0	0	0	0	100	0	100	0	0	0	0
ZOOMASTIGOFOROS														
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	234.600	151.700	237.600	147.100	177.400	114.800	210.000	124.600	323.600	193.100	159.800	91.500	242.300	83.800
TOTAL DINOFLAGELADOS	1.600	400	2.600	300	1.100	700	700	0	2.200	300	800	400	1.000	100
TOTAL SILICOFLAGELADOS	600	0	0	0	0	0	0	100	0	100	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	236.800	152.100	240.200	147.400	178.500	115.500	210.700	124.700	325.800	193.500	160.600	91.900	243.300	83.900

Anexo 61
Densidad de fitoplancton (cél·L⁻¹) en la región de Aysén.
Crucero 10 (3 - 17 de diciembre 2009).

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	5-dic-09		5-dic-09		5-dic-09		5-dic-09		6-dic-09		6-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	400	0	0	0	200	0	0	0	300	400
<i>Chaetoceros compressus</i>	0	0	18.200	4.600	0	0	0	0	0	0	0	600
<i>Chaetoceros constrictus</i>	0	1.400	20.500	11.400	0	400	1.200	400	0	0	0	0
<i>Chaetoceros convolutus</i>	700	0	0	0	0	0	0	400	0	0	0	0
<i>Chaetoceros debilis</i>	0	600	4.800	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	700	600	0	500	0	0	2.600	1.400	200	0	0	1.800
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	500	0	0	0	0	0
<i>Chaetoceros didymus</i>	1.200	1.600	18.200	9.100	400	0	400	600	0	0	1.200	3.400
<i>Chaetoceros lorenzianus</i>	5.800	800	1.200	1.300	0	0	0	0	0	0	1.600	0
<i>Chaetoceros radicans</i>	52.400	95.000	61.600	27.400	0	0	10.000	14.200	1.800	800	1.200	8.000
<i>Chaetoceros similis</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	5.400	0	1.800	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	600
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Coscinodiscus wailesii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	200	300	0	100	100	100	0	100	9.100	0
<i>Detonula pumila</i>	800	0	0	0	0	0	0	0	2.200	800	800	800
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	200	700
<i>Grammatophora marina</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	43.300	66.100	1.700	600	600	1.200	1.800	1.200	100	400
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	1.000	4.200
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	500	3.000	3.800	3.200	800	155.000	77.500
<i>Licmophora abbreviata</i>	0	0	100	0	100	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	1.300	0	0	0	0	0	0	0	0	0
<i>Odontella longicrus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscía alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	1.400	0	0	0	0	0	800	0	400	0	4.600	2.300
<i>P. cf. pseudodelicatissima</i>	1.000	400	34.200	86.600	9.600	300	3.000	4.800	20.500	11.400	59.300	27.400
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	300	0	0	0	600	0	100	0	0	0	0
<i>Rhizosolenia setigera</i>	0	500	500	0	0	0	2.200	0	0	0	6.800	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	2.800	0	1.000	1.900
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	3.200	1.000	600	0	0	0	200	0	0	0	200	1.500
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	1.600	0	200	600	0	0	0	600	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 61 (continuación)

	A01 I. Virginia-B. Low		A02 Repollal-C. Puquitrín		A03 Pto. Barrientos		A04 I. Julia-G. Peligroso		A05 I. Ovalada		A05N1 I. Valverde	
	5-dic-09		5-dic-09		5-dic-09		5-dic-09		6-dic-09		6-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. anguste-lineata</i>	296.400	532.000	475.000	291.800	1.400	800	337.400	109.400	18.200	34.200	109.400	61.600
<i>Thalassiosira cf. decipiens</i>	0	500	200	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	200	0	0	200	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	400	300	0	0	0	300	0	0	0	200	100
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	200	700	4.200	400	0	0	3.600	2.000	100	200	400	1.800
<i>Heterocapsa triquetra</i>	600	1.000	40.000	1.600	300	0	0	0	300	100	100	100
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	200	100
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	500	0	0	0	100	0	0	0	0	100
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	100	100	0	0	100	0
<i>Protoperidinium denticulatum</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	100	200	200	0	0	0	300	0	100	0	0	300
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	100	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	100	0	0	0	200	100	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	200	300	300	100	0	0	200	100	0	0	200	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	100	0	100	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	300	400	0	500	0	0	200	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	100	0	0	0	500	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	600	0	400	0	0	0	600	0	0	100
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	100	900	100	100	100	400	100	0	100	200	300
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	369.200	634.700	682.400	501.200	13.400	3.600	362.800	136.400	51.100	49.300	352.400	193.100
TOTAL DINOFLAGELADOS	1.500	3.300	46.300	2.600	700	0	5.900	2.300	1.200	300	1.300	2.600
TOTAL SILICOFLAGELADOS	100	100	900	100	100	100	400	100	0	100	200	300
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	370.800	638.100	729.600	503.900	14.200	3.700	369.100	138.800	52.300	49.700	353.900	196.000

Anexo 61 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	4-dic-09		4-dic-09		4-dic-09		4-dic-09		4-dic-09		5-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	300	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	500	0	400	0	0	2.600	6.200	3.500	3.400	0	4.400	800
<i>Chaetoceros convolutus</i>	0	0	800	0	0	0	0	0	0	400	0	0
<i>Chaetoceros debilis</i>	0	0	11.400	2.300	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	3.200	0	0	0	0	3.600	1.200	1.000	2.600
<i>Chaetoceros diadema</i>	0	0	0	0	0	500	0	0	0	0	600	0
<i>Chaetoceros didymus</i>	500	100	2.800	0	600	0	7.000	4.800	13.700	2.300	41.000	4.600
<i>Chaetoceros lorenzianus</i>	0	0	600	3.400	0	1.800	1.400	1.000	1.400	0	0	3.000
<i>Chaetoceros radicans</i>	0	700	63.800	25.100	1.200	0	6.200	4.000	41.000	9.100	70.700	11.400
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	1.000	0	0	0	800	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	100	0	100	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus wailesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	100	0	0	0	100	0	300	400	200	100
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	400	0	100	0	100	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	300	0	0	0	0	800	0	400	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	800	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	2.200	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	600	0	0	0	0	400	200	0
<i>P. cf. pseudodelicatissima</i>	11.400	88.900	0	0	31.900	75.200	6.800	2.300	1.000	2.000	2.600	18.200
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Rhizosolenia setigera</i>	0	0	800	2.000	100	0	800	600	1.800	1.400	300	300
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	1.000	0	3.200	0	0	0	0	0	600	600
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	1.600	200	400	0	4.000	0	2.800	2.800	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	300	100	0	500	0	200	1.200	0	800
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 61 (continuación)

	A06 Laja Brazo Pillán 1		A07 Canal		A08 Repollal-E. Las Islas		A09 Sto. Domingo		A10 Añihué		A11 Melimoyu	
	4-dic-09		4-dic-09		4-dic-09		4-dic-09		4-dic-09		5-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. anguste-lineata</i>	25.100	16.000	118.600	132.200	104.900	116.300	278.200	84.400	513.000	107.200	442.300	421.800
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	1.000	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	100	600	100	100	300	400	100	2.500	100	1.700	1.000
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	300	200	500	1.200	300	800	3.200	1.600	4.000	1.000	2.800	2.000
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	2.000	400	1.600	0	6.400	600
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	100	0	0	0	0	200	200	300	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	0	0	0	0	800	400
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium conicum</i>	100	0	0	0	0	100	0	0	0	0	200	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	100	0	100	0	300	0	300	0
<i>Protoperidinium pentagonum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	100	0	0	0	0	0	100	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	100	100	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	200	100	100	100	0	100	0	100	500	300	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	100	0	100	0	200	0	100	0	200	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	0	0	300	0	0	300	200	700	200	400	200
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	37.600	105.700	201.900	169.000	143.100	196.400	314.900	100.700	584.300	129.500	565.300	464.200
TOTAL DINOFLAGELADOS	800	400	1.500	1.600	600	1.300	6.100	2.200	9.300	1.600	12.800	4.000
TOTAL SILICOFLAGELADOS	100	0	0	300	0	0	300	200	700	200	400	200
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	38.500	106.100	203.400	170.900	143.700	197.700	321.300	103.100	594.300	131.300	578.500	468.400

Anexo 61 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zafartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	5-dic-09		5-dic-09		5-dic-09		5-dic-09		5-dic-09		5-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	200	0	600	0	400	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	2.600	0	6.600	1.200	0	2.800
<i>Chaetoceros constrictus</i>	0	0	2.800	0	1.000	0	6.800	2.300	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	1.300	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	2.200	0	2.400	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	1.200	0	500	0	0	0
<i>Chaetoceros didymus</i>	0	0	57.000	9.100	54.700	11.400	66.100	18.200	125.400	1.200	0	0
<i>Chaetoceros korenzianus</i>	0	0	500	0	0	0	1.300	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	22.800	6.800	41.000	9.100	11.400	9.100	9.100	0	0	1.600
<i>Chaetoceros similis</i>	0	0	500	0	6.800	0	800	300	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	1.200	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus wailesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	0	27.400	2.200	11.400	3.200	114.000	11.400	57.000	2.600	38.000	9.100
<i>Detonula pumila</i>	0	0	1.000	0	0	400	3.200	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	1.600	0	200	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	300	0	400	0	3.400	0	1.800	0	500	0
<i>Grammatophora marina</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	2.000	0	0	0	100	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	2.400	1.200	1.000	600	22.800	4.600	13.700	400	3.200	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	31.900	0	266.000	25.100	209.000	61.600	190.000	16.000	304.000	400	95.000	11.400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	100	100	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	4.600	1.200	4.600	2.300	4.600	2.300	4.600	400	4.600	2.300
<i>P. cf. pseudodelicatissima</i>	36.500	1.200	78.000	22.800	266.000	45.600	513.000	20.500	323.000	15.800	361.000	79.800
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Rhizosolenia setigera</i>	0	0	700	0	1.400	800	200	0	600	200	100	200
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Skeletonema costatum</i>	0	0	25.100	9.100	190.000	25.100	171.000	18.200	247.000	7.400	13.800	38.800
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	9.100	0	0	200	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	9.100	0	1.000	400	0	0	0	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 61 (continuación)

	A12 S. Gala		A13 I. Toto		A14 S. Miller		A15 I. Manuel		A16 I. Gama Zañartu-C. Yacaf		A17 I. Bobadilla-S. Soto	
	5-dic-09		5-dic-09		5-dic-09		5-dic-09		5-dic-09		5-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. anguste-lineata</i>	20.500	2.200	38.000	11.400	185.300	66.100	38.800	11.400	16.000	1.400	2.200	20.500
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	2.300	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	100
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	0	0	300	0	700	0	0	0	100	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	1.400	200	2.300	400	3.800	1.400	800	0	600	0	0	300
<i>Heterocapsa triquetra</i>	500	0	13.700	100	38.800	1.800	13.000	500	13.000	0	100	200
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Polykrikos spp.</i>	0	0	100	0	300	0	0	0	100	0	200	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	200	0	200	0	300	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	100	0	0	100	0	100	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	200	0	0	0	200	0	100	0	0	100
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	700	0	0	0	800	0	200	0	0	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	100	0	0	0	100	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	200	0	0	100	0	0	0	100	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	300	0	200	0	200	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	1.700	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	400	0	500	100	200	100	0	100	100	0	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	89.000	3.500	527.300	89.000	997.400	228.000	1.156.900	114.900	1.112.200	31.000	518.600	166.600
TOTAL DINOFLAGELADOS	2.200	200	17.000	700	43.700	3.400	18.000	500	14.600	100	900	600
TOTAL SILICOFLAGELADOS	100	400	0	500	100	200	100	0	100	100	0	100
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	91.300	4.100	544.300	90.200	1.041.200	231.600	1.175.000	115.400	1.126.900	31.200	519.500	167.300

Anexo 61 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	3-dic-09		5-dic-09		6-dic-09		6-dic-09		6-dic-09		6-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	100	0	4.600	2.300	0	0	1.200	0	0	0	6.800	4.600
<i>Chaetoceros compressus</i>	0	2.200	0	8.600	0	3.600	4.800	1.400	1.400	900	11.400	9.100
<i>Chaetoceros constrictus</i>	0	0	0	1.600	0	2.000	1.600	1.000	3.000	0	2.000	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Chaetoceros debilis</i>	9.100	4.600	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	800	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	1.000	0	0	0	400	800	0	0	600	0	0	0
<i>Chaetoceros didymus</i>	27.400	11.400	27.400	22.800	95.800	11.400	150.500	77.500	63.800	43.300	9.100	4.600
<i>Chaetoceros korenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	22.800	11.400	0	0	0	0	2.600	0	20.500	4.600	0	0
<i>Chaetoceros similis</i>	0	0	0	0	300	0	0	0	0	0	2.000	600
<i>Chaetoceros socialis</i>	6.800	2.300	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	600	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus wailesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	13.700	25.100	4.600	2.300	200	6.800	50.200	43.300	200.600	57.000	82.100	54.700
<i>Detonula pumila</i>	700	11.400	0	3.200	0	600	11.400	9.100	1.200	1.000	73.000	70.700
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	100	200	100	1.000	0	600	4.600	2.300	600	100	4.600	2.300
<i>Epithemia zebra</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	500	600	0	1.500	300	0	6.600	0	0	300	1.500	400
<i>Grammatophora marina</i>	0	0	0	0	0	0	400	0	500	0	0	0
<i>Guinardia delicatula</i>	4.600	2.300	0	500	0	0	400	300	0	0	4.600	2.300
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	6.800	4.600	0	600	13.700	4.600	1.000	2.600	2.300	2.300	11.400	6.800
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	300	0	500	400	500	0	200
<i>Leptocylindrus minimus</i>	285.000	102.600	399.000	223.400	202.900	57.000	84.400	86.600	269.000	86.600	665.000	273.600
<i>Licmophora abbreviata</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	300	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	100	100	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	9.100	6.800	4.600	2.300	16.000	4.600	114.000	4.600	20.500	16.000	59.300	43.300
<i>P. cf. pseudodelicatissima</i>	513.000	273.600	228.000	684.000	572.300	285.000	1.311.000	285.000	2.166.000	285.000	2.052.000	1.482.000
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	100	0	0	0	100	0	0	0	0	100	0
<i>Rhizosolenia imbricata</i>	0	400	0	500	100	300	300	0	300	100	100	0
<i>Rhizosolenia setigera</i>	2.300	2.300	9.100	6.800	200	600	1.600	100	100	500	2.300	4.600
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	5.800	114.000	93.500	155.000	75.200	95.800	41.100	84.400	47.900	76.000	61.600
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	22.800	0	0	0	0	82.100	22.800	11.400	6.800	34.200	25.100
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	200	0	200	200	0	0	1.800	2.200	1.300	100	20.500	11.400
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 61 (continuación)

	A18 Pta. Cálqueman		A19 S. Magdalena		A20 Faro Marta-C. Puyuhuapi		A21 Pto. Amparo		A22 I. Sn. Andrés		A23 I. Orestes	
	3-dic-09		5-dic-09		6-dic-09		6-dic-09		6-dic-09		6-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. anguste-lineata</i>	0	1.200	0	1.200	0	400	18.200	11.400	9.100	2.300	16.000	9.100
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	100	100	0	0	200	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	100	0	500	800	0	700	0	400	0	300	100
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	200	0	0	200	0	200	100	0	300	0	300	200
<i>Heterocapsa triquetra</i>	600	100	8.000	2.400	300	0	0	0	0	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Polykrikos spp.</i>	100	0	0	0	0	0	400	200	100	0	200	200
<i>Preperidinium meunieri</i>	0	0	0	0	100	0	0	0	100	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	100	0	0	0	100	100
<i>Protoperidinium aspidiotum</i>	100	0	0	200	100	0	0	100	100	200	0	200
<i>Protoperidinium claudicans</i>	0	0	0	200	600	0	500	100	200	0	400	0
<i>Protoperidinium conicum</i>	0	0	0	100	100	100	100	0	100	0	200	100
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium excentricum</i>	0	0	500	200	800	0	600	0	500	100	2.600	800
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	100	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	200	100	600	0	0	0	500	0	600	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	100	0	0	0	0	0	200	0
<i>Protoperidinium spp.</i>	0	0	100	300	0	0	200	0	200	0	0	100
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	300	0	100	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	200	600	100	100	0	0	0	0	200	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	904.000	491.700	791.600	1.056.500	1.057.600	454.000	1.944.700	592.000	2.857.600	555.300	3.134.000	2.067.400
TOTAL DINOFLAGELADOS	1.300	200	9.000	4.300	3.500	300	3.300	500	2.700	400	5.600	1.900
TOTAL SILICOFLAGELADOS	200	600	100	100	0	0	0	0	200	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	905.500	492.500	800.700	1.060.900	1.061.100	454.300	1.948.000	592.500	2.860.500	555.700	3.139.600	2.069.300

Anexo 61 (continuación)

	A24 Cinco Hermanas		A25 I. Elena		A26 I. Canquenes		A27 E. Quitralco		A28 Pta. Lynch		A29 Pto. Bonito	
	10-dic-09		9-dic-09		8-dic-09		9-dic-09		9-dic-09		9-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	1.800	400	700	0	200	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	1.800	0
<i>Chaetoceros constrictus</i>	6.800	7.200	0	0	88.900	43.300	9.100	2.300	4.600	2.300	2.800	1.000
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	900	0	0
<i>Chaetoceros debilis</i>	1.200	800	6.800	2.300	73.000	66.100	25.100	11.400	130.000	54.700	70.700	13.700
<i>Chaetoceros decipiens</i>	0	400	20.500	6.800	1.400	0	6.800	4.600	3.000	1.800	1.000	800
<i>Chaetoceros diadema</i>	0	0	1.400	0	9.100	4.600	4.400	2.600	11.400	2.300	4.600	34.200
<i>Chaetoceros didymus</i>	22.800	1.600	45.600	6.800	4.800	1.400	9.100	2.300	6.800	4.600	1.600	2.200
<i>Chaetoceros lorentzianus</i>	0	0	0	600	400	300	0	0	600	0	800	0
<i>Chaetoceros radicans</i>	27.400	0	1.400	0	38.800	2.300	1.000	0	11.400	6.800	11.400	6.800
<i>Chaetoceros similis</i>	41.000	800	17.400	2.400	1.200	600	11.400	4.600	11.400	4.600	4.600	0
<i>Chaetoceros socialis</i>	6.800	0	0	0	2.200	2.200	29.600	11.400	2.400	4.000	0	22.800
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	3.000	0	1.200	0	0	0	1.400	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus waillesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	6.800	1.000	36.500	31.900	1.000	600	6.800	4.600	34.200	22.800	13.700	6.800
<i>Detonula pumila</i>	3.600	4.400	5.200	2.400	0	0	400	0	1.600	800	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	9.100	11.400	20.500	16.000	6.800	6.800	18.200	0	11.400	4.600	2.000	300
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	500	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	200	11.400	6.800	3.000	1.400	4.600	2.300	6.800	4.600	1.400	1.000
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	4.600	0	38.800	27.400	0	0	1.800	2.300	4.600	2.300	2.200	400
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	600	5.000	700	800	400	400
<i>Leptocylindrus minimus</i>	4.600	1.200	4.600	2.300	198.400	111.700	13.700	9.100	38.800	25.100	47.900	29.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	1.300	0	500	400	500	500	0	0	0	2.100
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	100	0	0	100	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	41.000	22.800	95.800	25.100	6.800	4.600	29.600	22.800	95.000	43.300	4.600	25.100
<i>P. cf. pseudodelicatissima</i>	570.000	109.400	912.000	285.000	41.000	38.800	45.600	43.300	855.000	111.700	36.500	9.100
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	200	0	0	0	0	0	100	200	0	0	0
<i>Rhizosolenia imbricata</i>	800	300	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	3.200	2.800	16.000	4.600	200	0	3.200	1.400	2.300	2.000	1.200	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	228.000	61.600	130.000	57.000	70.700	86.600	82.100	61.600	475.000	91.200	93.400	9.100
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	11.400	47.900	228.000	43.300	16.000	11.400	79.800	43.300	114.000	70.700	13.700	6.800
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	77.500	37.200	47.900	43.300	2.200	0	22.800	16.000	31.900	22.800	4.600	2.200
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 61 (continuación)

	A24 Cinco Hermanas 10-dic-09		A25 I. Elena 9-dic-09		A26 I. Canques 8-dic-09		A27 E. Quitralco 9-dic-09		A28 Pta. Lynch 9-dic-09		A29 Pto. Bonito 9-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. anguste-lineata</i>	9.100	6.200	27.400	25.100	38.800	34.200	18.200	11.400	11.400	9.100	22.800	1.800
<i>Thalassiosira cf. decipiens</i>	4.600	1.200	16.000	2.300	2.300	0	0	0	200	0	2.300	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	100	0	0	0	700	0	0	100
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	100	0	100	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	400	0	300	0	0	0	100	100	0	100	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	100	100	0	0	0	100	0	0	0	0	0
<i>Heterocapsa triquetra</i>	300	0	400	0	500	500	10.000	2.800	7.400	6.600	21.200	7.800
<i>Heteroschisma spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	100	0	100	0	0	0	100	100	300	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	100	0	0	0	0	0	100	0	0	100	0	0
<i>Protoperidinium claudicans</i>	400	0	100	0	0	0	100	0	200	200	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	1.400	100	500	100	0	0	400	100	800	200	200	100
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	100	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	100	0	100	200	0	0	400	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	100	0	800	200	0	0	100	0	200	0	100	0
<i>Protoperidinium cf. steinii</i>	100	0	0	0	0	0	200	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	100	0	0	0	100	100	0	100	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	600	0	200	200	200	0	200	100	300	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	100	0	0	0	0	0	0	0	100	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	100	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL DIATOMEAS	1.082.400	319.000	1.685.200	592.000	611.400	417.300	425.700	262.900	1.864.700	493.800	347.400	176.200
TOTAL DINOFLAGELADOS	4.000	200	3.000	700	900	600	12.000	3.400	10.200	7.200	21.600	8.000
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	100	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL	1.086.400	319.200	1.688.200	592.700	612.300	417.900	437.700	266.400	1.875.000	501.000	369.000	184.200

Anexo 61 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	6-dic-09		7-dic-09		7-dic-09		6-dic-09		6-dic-09		3-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	100	0	0	0	0	0	1.800	0
<i>Cerataulina pelagica</i>	400	0	400	100	800	0	0	300	400	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	3.000	0	2.800	0	1.400	0	1.000	900
<i>Chaetoceros constrictus</i>	0	0	600	0	6.400	1.200	900	1.200	0	0	22.800	6.800
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Chaetoceros debilis</i>	0	0	2.800	0	0	0	2.000	0	0	0	11.400	0
<i>Chaetoceros decipiens</i>	0	0	1.000	300	2.200	1.200	0	500	800	800	2.400	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Chaetoceros didymus</i>	9.100	2.300	11.400	2.300	13.700	4.600	9.100	4.600	6.800	2.300	1.000	4.400
<i>Chaetoceros lorenzianus</i>	0	400	600	0	2.400	1.000	900	0	0	800	600	0
<i>Chaetoceros radicans</i>	2.400	0	5.400	0	75.200	4.600	12.200	800	18.200	9.100	20.500	9.100
<i>Chaetoceros similis</i>	11.400	2.300	3.000	0	4.600	2.300	0	0	0	0	400	800
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	34.200	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	2.400	0	3.400	0	0	0
<i>Chaetoceros spp.</i>	1.200	0	3.000	0	0	0	0	300	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	100	0	100	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus wailiesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	75.200	11.400	68.400	4.600	34.200	22.800	3.200	600	1.600	1.600	75.200	57.000
<i>Detonula pumila</i>	50.200	18.200	22.800	13.700	9.100	4.600	2.800	600	400	1.800	187.000	102.600
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	27.400	6.800	22.800	11.400	22.800	11.400	0	0	0	0	11.400	4.600
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	600	0	0	0	0	500	400	1.300	1.300	600	3.800	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	2.400	400	13.700	4.600	0	200	400	400	300	600	2.400	300
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	400	0	800	0	0	0	0
<i>Leptocylindrus danicus</i>	22.800	2.300	6.800	2.300	4.600	2.300	0	0	3.400	600	2.600	2.300
<i>Leptocylindrus mediterraneus</i>	300	200	0	200	0	200	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	627.000	25.100	114.000	25.100	141.400	66.100	50.200	43.000	209.800	111.700	0	29.600
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	100	0	0	200	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	1.300	300	0	0	0	0	800	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	300	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	100	0	0	0	0	0	0	100	0	0	0	100
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	88.900	6.800	102.600	4.600	84.400	43.300	2.300	2.300	9.100	4.600	168.700	66.100
<i>P. cf. pseudodelicatissima</i>	1.881.000	109.400	#####	43.300	817.000	342.000	27.400	20.500	25.100	22.800	1.780.700	1.317.800
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	100	100	0	400	200	0	0	0	0	300	0
<i>Rhizosolenia imbricata</i>	300	0	100	0	0	400	0	0	1.000	0	400	500
<i>Rhizosolenia setigera</i>	20.500	2.300	9.100	2.300	13.700	4.600	600	100	500	0	2.600	2.300
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	29.600	20.500	61.600	6.800	209.800	84.400	13.700	9.100	9.100	6.800	148.200	20.500
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	102.500	38.800	98.000	9.100	136.800	70.700	0	800	1.000	1.200	100.300	73.000
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	36.500	4.600	11.400	2.300	68.400	31.900	400	300	2.300	2.300	25.100	3.600
<i>Thalassiosira subtilis</i>	0	0	700	0	500	0	0	0	0	0	200	0

Anexo 61 (continuación)

	A30 I. Julián		A31 Is. Huichas		A32 I. Vergara		A33 I. Concoto		A34 I. García		A35 I. Sierra	
	6-dic-09		7-dic-09		7-dic-09		6-dic-09		6-dic-09		3-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. anguste-lineata</i>	31.900	2.300	16.000	2.300	9.100	4.600	95.800	77.500	148.200	102.600	16.000	13.700
<i>Thalassiosira cf. decipiens</i>	4.600	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	200	0	0	400	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	300	0	0	0	100	0	0	100	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	100	0	0	0	100	0	200	100	200	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	100	0	100	100	0	0	400	100	600	300	300	100
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	500	300	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Polykrikos spp.</i>	300	0	300	0	100	0	0	0	200	0	0	100
<i>Preperidinium meunieri</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	0	100	0	0	0	0	100	300	100	0	100
<i>Protoperidinium claudicans</i>	0	0	100	0	100	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	700	100	1.100	0	500	0	100	0	200	100	200	300
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	100	200	0
<i>Protoperidinium cf. obtusum</i>	0	0	100	0	0	0	0	0	0	0	0	100
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	100	0	0	0	0	0	0	100	0
<i>Protoperidinium cf. pellucidum</i>	300	0	400	100	200	0	0	0	0	100	0	100
<i>Protoperidinium cf. steinii</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	100	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	300	0	100	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	300	0	200	0	100	0	0	0	100	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	1.000	100	600	200	300	500
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	3.026.300	254.200	2.229.400	135.300	1.661.900	706.000	228.200	165.100	444.200	270.600	2.623.100	1.716.000
TOTAL DINOFLAGELADOS	1.800	200	3.200	300	1.300	0	800	200	2.100	1.200	1.000	800
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	1.000	100	600	200	300	500
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3.028.100	254.400	2.232.600	135.600	1.663.200	706.000	230.000	165.400	446.900	272.000	2.624.400	1.717.300

Anexo 61 (continuación)

	A36 G. Enjambre 3-dic-09		A37 I. Teresa 3-dic-09		A38N1 I. Jesus 3-dic-09		A39 Pto. Lampazo 3-dic-09		A40 I. Silachilu 3-dic-09		A41 C. Ninualac 3-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	200	0	0	100	0	0	0	0	0	0	0	100
<i>Chaetoceros compressus</i>	1.000	0	0	0	0	1.200	0	0	0	0	1.600	0
<i>Chaetoceros constrictus</i>	6.800	4.600	0	400	0	800	27.400	0	1.600	2.200	9.100	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	1.200	0	0	0	0	0	900	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	400	0	0	800	0	1.400	0	600	0
<i>Chaetoceros diadema</i>	0	0	1.400	0	0	0	0	2.800	400	0	600	800
<i>Chaetoceros didymus</i>	29.600	22.800	0	0	800	0	1.600	700	5.800	0	3.400	2.200
<i>Chaetoceros lorenzianus</i>	0	800	0	0	1.800	0	0	800	3.200	0	0	0
<i>Chaetoceros radicans</i>	6.800	4.600	700	0	0	0	0	1.200	0	2.800	4.600	0
<i>Chaetoceros similis</i>	0	200	0	0	0	0	1.000	600	1.400	1.800	800	1.200
<i>Chaetoceros socialis</i>	1.000	1.000	0	0	6.800	0	0	800	0	1.400	600	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	800	0	0	1.200	0	0	600
<i>Corethron pennatum</i>	100	0	100	0	0	0	0	0	100	0	100	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus wailiesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	86.600	82.100	2.000	5.000	70.700	33.700	118.600	93.400	91.200	66.100	16.000	4.600
<i>Detonula pumila</i>	98.000	84.400	1.400	3.000	52.400	29.600	27.400	18.200	11.400	10.000	41.000	11.400
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	6.800	9.100	400	600	0	0	31.900	4.600	16.000	11.400	11.400	9.100
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	3.000	1.200	100	0	1.400	1.100	700	1.400	200	500	0	0
<i>Grammatophora marina</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.600	1.800	400	0	0	300	9.100	4.600	800	3.800	0	1.000
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	300	0	0	0	300	0	800	0
<i>Leptocylindrus danicus</i>	16.000	11.400	400	4.200	22.800	16.000	118.600	34.200	18.200	4.600	18.200	9.100
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	300	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	31.900	25.100	500	2.000	0	0	13.700	34.200	114.000	57.000	0	3.000
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	600	0	0	0	700	0	0	400	0	0	1.100	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscidea alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	84.400	59.300	6.800	11.400	31.900	31.900	107.200	70.700	34.200	22.800	6.800	4.600
<i>P. cf. pseudodelicatissima</i>	684.000	570.000	41.000	161.900	706.800	451.400	1.960.800	1.260.800	893.000	134.500	301.000	118.600
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	100	0	0	0	0	0	0	300	0	100	0	100
<i>Rhizosolenia imbricata</i>	400	100	300	0	200	400	300	800	100	100	0	0
<i>Rhizosolenia setigera</i>	1.800	1.800	0	400	200	3.800	4.600	6.800	1.800	4.400	1.800	1.400
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	9.100	6.800	0	0	20.500	11.400	91.200	57.000	11.400	22.800	4.200	21.400
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	82.100	77.500	16.000	6.800	54.700	43.300	161.900	77.500	68.400	61.600	120.800	66.100
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	3.200	2.400	0	0	13.700	9.100	25.100	25.100	31.900	25.100	9.100	2.300
<i>Thalassiosira subtilis</i>	0	0	0	0	0	500	0	0	0	0	0	0

Anexo 61 (continuación)

	A36 G. Enjambre 3-dic-09		A37 I. Teresa 3-dic-09		A38N1 I. Jesus 3-dic-09		A39 Pto. Lampazo 3-dic-09		A40 I. Silachilu 3-dic-09		A41 C. Ninualac 3-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. anguste-lineata</i>	6.800	2.300	200	2.000	18.200	16.000	16.000	25.100	18.200	11.400	11.400	4.600
<i>Thalassiosira cf. decipiens</i>	1.400	0	0	0	100	0	0	200	800	0	0	600
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	100	100	200	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	100	0	0	0	300	0	100	200	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	200	0	0	0	200	0	0
<i>Heterocapsa triquetra</i>	200	0	0	0	0	0	100	0	0	0	0	100
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	300	0	0	0	400	0	700	0	0	0	0	100
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	200	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium claudicans</i>	200	0	0	0	300	0	300	0	300	0	200	0
<i>Protoperidinium conicum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	200	200	0	0	200	800	1.000	200	200	100	700	1.100
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	200	0	100	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	100	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	200	100	0	100	100	0	0	0
<i>Protoperidinium cf. steinii</i>	200	0	100	0	0	100	0	0	200	0	100	100
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium spp.</i>	100	100	0	0	0	0	100	0	0	100	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	200	0	0	0	100	0	100	100	200	0	100
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	200	0	0	0	100	0	100	0	0	0	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.164.500	969.300	71.800	198.400	1.004.600	651.600	2.719.000	1.722.200	1.327.000	444.400	565.000	262.800
TOTAL DINOFLAGELADOS	1.600	700	200	0	1.300	1.800	2.600	700	1.500	600	1.100	1.500
TOTAL SILICOFAGELADOS	0	200	0	0	0	100	0	100	0	0	0	100
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.166.100	970.200	72.000	198.400	1.005.900	653.500	2.721.600	1.723.000	1.328.500	445.000	566.100	264.400

Anexo 61 (continuación)

	A42 C. Pilcomayo 7-dic-09		A43 Playas Largas 7-dic-09		A44 C. Carrera del Chivato 7-dic-09		A45 C. Rodríguez 7-dic-09		A46 I. Churrecue 7-dic-09		A47 I. Castillo 7-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	800	1.600	0	0
<i>Cerataulina pelagica</i>	100	0	0	200	0	400	11.400	1.400	0	0	200	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	2.000	0	0	2.600	6.600	0	0
<i>Chaetoceros constrictus</i>	8.800	0	3.000	400	9.100	4.600	22.800	4.600	29.600	800	2.400	3.400
<i>Chaetoceros convolutus</i>	1.700	0	0	0	0	0	0	500	0	0	0	0
<i>Chaetoceros debilis</i>	3.600	2.400	2.000	500	1.400	1.200	29.600	2.300	9.100	0	9.200	2.400
<i>Chaetoceros decipiens</i>	7.200	2.000	5.600	0	3.400	1.600	9.100	2.300	4.600	2.000	2.600	800
<i>Chaetoceros diadema</i>	3.000	600	3.000	300	1.000	2.200	400	0	0	0	1.300	0
<i>Chaetoceros didymus</i>	12.200	3.000	6.000	500	9.100	4.600	61.600	11.400	18.200	1.400	7.400	2.000
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	800	0	0	1.600	700	0	0
<i>Chaetoceros radicans</i>	0	600	2.400	300	16.000	11.400	13.700	2.300	18.200	600	4.000	1.200
<i>Chaetoceros similis</i>	13.600	34.200	5.000	0	7.000	6.200	25.100	2.300	29.600	1.800	2.400	600
<i>Chaetoceros socialis</i>	2.800	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	600	800	0	0	400	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	3.800	0	0	0	0	0	0	0	0	0	1.600	0
<i>Corethron pennatum</i>	100	0	0	0	0	0	0	0	0	100	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus wailiesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Cylindrotheca closterium</i>	7.400	3.600	16.000	4.600	43.300	25.100	11.400	13.700	25.100	11.400	34.200	2.300
<i>Detonula pumila</i>	13.700	27.400	2.200	200	600	3.200	6.800	2.300	6.800	2.300	4.600	13.700
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	88.900	93.400	31.900	0	61.600	41.000	57.000	22.800	75.200	16.000	34.200	41.000
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	700	0	0
<i>Guinardia delicatula</i>	25.100	13.700	0	0	0	400	4.600	0	400	900	4.600	0
<i>Gyrodinium fasciola</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	500	0	0	400	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	13.700	9.100	11.400	0	1.400	400	4.600	1.200	27.400	600	9.100	1.000
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	6.800	6.800	0	0	11.200	8.200	0	2.200	9.100	2.400	4.600	16.000
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	1.300	0	800	0	0	0	0	400	0	0	400	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurris</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	100.300	102.600	102.600	27.400	22.800	18.200	95.000	22.800	148.200	22.800	79.800	34.200
<i>P. cf. pseudodelicatissima</i>	839.000	1.169.600	326.000	41.000	661.200	360.200	836.000	150.500	1.482.000	109.400	403.600	36.500
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	300	0	0	100	0	200	200	300	0	100	0
<i>Rhizosolenia imbricata</i>	100	0	0	0	0	0	100	0	100	0	200	0
<i>Rhizosolenia setigera</i>	9.100	13.700	4.600	300	18.200	16.000	16.000	9.100	16.000	600	9.100	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	328.300	362.500	34.200	11.400	95.700	79.800	180.100	22.800	257.600	20.500	132.200	16.000
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	400	0	0
<i>Stephanopyxis turris</i>	159.600	86.600	225.700	43.300	139.100	104.900	247.000	84.400	298.700	79.800	150.500	114.000
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	79.800	63.800	68.400	6.800	50.200	31.900	76.000	63.800	70.700	17.800	29.600	47.900
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	200

Anexo 61 (continuación)

	A42 C. Pilcomayo 7-dic-09		A43 Playas Largas 7-dic-09		A44 C. Carrera del Chivato 7-dic-09		A45 C. Rodríguez 7-dic-09		A46 I. Churrecue 7-dic-09		A47 I. Castillo 7-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. anguste-lineata</i>	13.700	13.700	22.800	200	16.000	4.600	25.100	9.100	61.600	7.800	20.500	18.200
<i>Thalassiosira cf. decipiens</i>	9.100	4.600	0	0	800	0	200	0	4.600	200	0	800
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	200	300	0	100	0	0	300	0	500	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	200	0	0	0	0	100	0	0	200	0	100	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	100	0	0	0	0	0	0	100	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	200	300	300	0	300	400	300	100	400	300	400	0
<i>Heterocapsa triquetra</i>	100	100	0	0	500	0	0	0	300	0	0	0
<i>Heteroschisma spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	100	400	200	0	100	400	200	0	900	100	200	700
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	100	100	200	0	0	0	100	0	300	0	0	0
<i>Protoperidinium claudicans</i>	300	300	100	100	400	0	200	0	600	0	100	100
<i>Protoperidinium conicum</i>	0	0	0	0	0	100	0	0	0	0	0	100
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	1.500	900	500	200	900	1.200	500	0	3.800	1.200	700	300
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	100	0	100	0	0	0	0	0	100	0	0	0
<i>Protoperidinium cf. obtusum</i>	100	0	0	0	100	0	0	0	200	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	200	200	100	0	100	0	0	0
<i>Protoperidinium cf. pellucidum</i>	600	400	100	0	200	400	400	0	300	0	400	0
<i>Protoperidinium cf. steinii</i>	200	200	100	0	300	100	100	0	400	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Protoperidinium spp.</i>	100	200	0	0	0	0	200	0	300	0	0	100
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Pyrophacus steinii</i>	200	100	100	0	200	200	300	100	100	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	0	0	0	0	0	0	100	100	0	100	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	100	0	0	0	100	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.753.600	2.015.000	874.100	137.400	1.169.600	729.300	1.733.800	432.400	2.598.200	309.300	948.500	352.400
TOTAL DINOFLAGELADOS	4.100	3.400	1.800	400	3.200	3.200	2.700	200	9.100	1.600	2.100	1.300
TOTAL SILICOFLAGELADOS	100	0	0	0	0	0	0	100	100	0	100	0
TOTAL OTROS	100	0	0	0	100	0	0	0	0	0	0	0
TOTAL	1.757.900	2.018.400	875.900	137.800	1.172.900	732.500	1.736.500	432.700	2.607.400	310.900	950.700	353.700

Anexo 61 (continuación)

	A48 I. Palumbo		A49 C. Darwin		A50 Tronador		A51 C. Vicuña		A52 Colonia Grande		A53 C. Chacabuco	
	7-dic-09		8-dic-09		9-dic-09		8-dic-09		9-dic-09		8-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Actinopterychus senarius</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	100	100	600	0	500	0	500	0	400	0	0	0
<i>Cerataulina pelagica</i>	4.600	2.300	400	0	1.000	0	0	0	400	0	0	0
<i>Chaetoceros compressus</i>	0	0	1.200	0	11.400	4.600	18.200	11.400	0	0	18.200	9.100
<i>Chaetoceros constrictus</i>	16.000	4.600	13.700	4.600	20.900	4.600	47.900	43.300	63.800	25.100	16.000	9.100
<i>Chaetoceros convolutus</i>	0	0	0	0	800	400	700	400	0	0	0	0
<i>Chaetoceros debilis</i>	13.700	4.600	29.600	4.600	43.300	25.100	378.500	223.400	52.400	22.800	207.500	109.400
<i>Chaetoceros decipiens</i>	800	0	13.700	2.300	4.000	1.400	9.100	4.600	800	7.000	2.000	2.800
<i>Chaetoceros diadema</i>	800	0	0	0	18.200	2.300	22.800	16.000	800	7.200	9.100	2.300
<i>Chaetoceros didymus</i>	9.100	4.600	22.800	4.600	9.100	4.600	93.500	70.700	43.300	11.400	34.200	11.400
<i>Chaetoceros lorenzianus</i>	0	0	0	0	800	0	0	3.200	600	0	0	0
<i>Chaetoceros radicans</i>	11.400	2.300	13.700	2.300	9.100	2.300	11.400	6.800	16.000	9.100	13.700	6.800
<i>Chaetoceros similis</i>	11.400	4.600	0	200	13.700	2.300	11.400	4.600	27.400	2.300	6.800	2.300
<i>Chaetoceros socialis</i>	0	0	11.400	2.300	9.100	4.600	118.600	84.400	0	5.000	84.400	66.100
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	600
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	1.800	0	0	1.200	1.000	800	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus wailesii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	4.600	2.300	4.600	4.600	22.800	9.100	1.600	1.200	18.200	6.800	9.100	4.600
<i>Detonula pumila</i>	18.200	11.400	0	0	9.100	2.300	4.600	2.300	16.000	11.400	2.300	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	25.100	20.500	29.600	25.100	20.500	11.400	2.300	2.300	31.900	27.400	4.600	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	600	0	800	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	600	13.700	2.300	2.400	1.200	2.200	1.200	3.000	1.200	4.800	3.600
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	100	400	900	0	500	400	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	9.100	2.300	4.600	4.600	4.600	2.300	13.700	11.400	4.600	4.600	4.600	1.400
<i>Leptocylindrus mediterraneus</i>	0	0	0	300	0	300	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	133.000	86.600	38.800	11.400	41.000	25.100	291.800	152.800	86.600	63.800	177.800	88.900
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	1.200	0	800	0	1.100	0	0	0	800	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Pleurosigma normanii</i>	0	0	100	0	100	0	0	0	0	0	0	100
<i>Proboscidea alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	47.900	31.900	70.700	86.600	45.600	11.400	73.000	45.600	18.200	22.800	9.100	4.600
<i>P. cf. pseudodelicatissima</i>	171.000	102.600	242.300	77.500	460.600	86.600	200.600	130.000	490.200	184.700	104.900	79.800
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	300	100	200	0	100	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	22.800	11.400	11.400	9.100	1.600	200	6.800	2.300	2.300	2.300	100	600
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	79.800	34.200	114.000	63.800	449.200	66.100	196.100	102.600	446.900	171.000	93.500	84.400
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	70.700	54.700	313.500	88.900	175.600	43.300	139.100	86.600	150.500	102.600	22.800	18.200
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	22.800	16.000	29.600	22.800	27.400	6.800	9.100	6.100	45.600	22.800	2.300	0
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 61 (continuación)

	A48		A49		A50		A51		A52		A53	
	I. Palumbo		C. Darwin		Tronador		C. Vicuña		Colonia Grande		C. Chacabuco	
	7-dic-09	8-dic-09	8-dic-09	8-dic-09	9-dic-09	9-dic-09	8-dic-09	8-dic-09	9-dic-09	9-dic-09	8-dic-09	8-dic-09
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. anguste-lineata</i>	9.100	6.800	38.800	27.400	57.000	11.400	75.200	84.400	6.800	4.600	45.600	0
<i>Thalassiosira cf. decipiens</i>	2.300	400	300	100	6.800	2.300	800	1.000	0	800	800	400
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	400	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	600	0	0	0	600	0	100	400	0	100	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	200	0	0	0	100	100
<i>Ceratium fusus</i>	0	200	0	0	0	0	0	0	0	100	100	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	200	0	0	100	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Gyrodinium spp.</i>	300	500	200	0	300	100	300	300	0	400	0	0
<i>Heterocapsa triquetra</i>	200	0	0	0	9.600	800	2.000	500	5.400	2.200	3.400	2.400
<i>Heteroschisma spp.</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	100	100	300	0	300	0	200	100	100	0
<i>Preperidinium meunieri</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	300	200	0	300	0	100	0	300	0	0	0
<i>Protoperidinium claudicans</i>	100	100	100	200	600	100	100	0	300	200	100	0
<i>Protoperidinium conicum</i>	200	100	200	0	100	0	0	0	100	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	700	2.200	1.400	300	3.000	400	2.200	100	1.400	400	600	400
<i>Protoperidinium pentagonum</i>	0	0	0	0	100	0	0	0	0	100	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	100	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	100	0	100	100	0	0	100	0	300	300	100	0
<i>Protoperidinium cf. pellucidum</i>	400	100	0	200	0	0	0	0	400	200	200	0
<i>Protoperidinium cf. steinii</i>	100	200	0	0	0	100	100	0	100	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	100	100	200	100	100	100	100	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	400	2.200	300	100	200	0	0	0	0	200	300	200
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	200	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL DIATOMEAS	684.400	405.900	1.021.500	446.300	1.467.700	334.200	1.730.800	1.098.600	1.528.300	717.700	876.100	506.500
TOTAL DINOFLAGELADOS	3.500	6.400	2.800	1.000	15.600	1.600	5.800	1.400	8.700	4.400	5.100	3.200
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	200	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL	687.900	412.300	1.024.300	447.300	1.483.300	335.800	1.736.600	1.100.000	1.537.300	722.100	881.200	509.700

Anexo 61 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia		A59 I. Zealous		A60 Pta. Baker	
	8-dic-09		17-dic-09		17-dic-09		17-dic-09		17-dic-09		17-dic-09		17-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS														
<i>Actinocyclus senarius</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	100	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	1.400	0	0	0	0	0	0	0	0	0	700	0	0	400
<i>Chaetoceros constrictus</i>	3.400	0	6.800	300	0	0	0	0	4.800	0	4.800	0	3.100	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	82.100	66.100	0	600	0	0	0	0	1.200	0	1.600	0	0	500
<i>Chaetoceros decipiens</i>	0	800	0	600	0	0	0	800	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	1.800	0	47.900	0	11.400	1.400	1.200	900	21.000	400	11.200	9.100	22.800	6.800
<i>Chaetoceros didymus</i>	7.400	7.400	400	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros korenzianus</i>	3.400	1.600	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	13.700	11.400	4.600	0	0	0	0	0	0	700	1.800	0	0	0
<i>Chaetoceros similis</i>	1.000	600	6.800	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	10.800	0	0	0	800	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	500	500	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	500	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus wailesii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus cf. marginatus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	400	600	0	0	100	0	0	0	0	200	0	0	100	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis subovalis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	11.400	9.100	0	0	0	0	0	0	0	0	0	0	0	0
<i>Epithemia zebra</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	2.000	0	300	0	0	0	0	400	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lauderia annulata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	9.100	4.600	6.800	0	0	0	0	400	100	0	0	300	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	400	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	22.800	16.000	22.800	500	50.200	1.600	43.300	16.000	66.100	25.100	120.800	13.700	18.200	13.700
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	500	0	0	0	0	0	0
<i>Melosira varians</i>	0	0	200	400	0	200	0	0	0	0	200	0	0	0
<i>Navicula amorphila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	300	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella longicurvis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Plagiotropis gaussii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	6.800	4.600	4.600	2.300	0	0	13.700	2.300	1.200	500	400	2.000	9.100	2.300
<i>P. cf. pseudodelicatissima</i>	54.700	43.300	380.800	43.300	433.200	70.700	417.200	111.700	373.900	102.600	613.300	52.400	132.200	29.600
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	100	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	400	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	4.600	2.300	54.700	9.100	34.200	3.200	36.500	6.800	57.000	4.600	50.200	2.300	18.200	2.300
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	16.000	11.400	218.900	20.500	171.000	4.400	43.300	6.800	392.200	70.600	481.100	16.000	515.300	75.200
<i>Stephanopyxis palmeriana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	109.400	79.800	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	100
<i>Thalassionema nitzschioides</i>	11.400	6.800	6.800	700	0	200	0	0	2.000	300	0	1.400	700	700
<i>Thalassiosira subtilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 61 (continuación)

	A54 I. Rojas-Paso Tres Cruces		A55 I. Orlebar		A56 I. Alert-Roca Lobo		A57 I. Scout		A58 I. Porcia		A59 I. Zealous		A60 Pta. Baker	
	8-dic-09		17-dic-09		17-dic-09		17-dic-09		17-dic-09		17-dic-09		17-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
<i>Thalassiosira cf. anguste-lineata</i>	47.900	25.100	2.300	0	0	0	0	200	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	2.300	2.300	0	0	200	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	200	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS														
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	0	100	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium horridum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	200	100	0	100	0	0	0	0	0	0	0	0	0
<i>Corythodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax cf. spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	100	600	0	400	200	300	0	500	100	0	0
<i>Heterocapsa triquetra</i>	3.800	600	0	0	0	0	100	0	0	0	300	0	0	0
<i>Heteroschisma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	200	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium aspidiotum</i>	0	100	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium divergens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	200	200	0	0	0	0	100	0	0	0	0	0	200	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pyriforme</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. leonis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. ovatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	100	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	100	0	0	0	0	0	200	0	0	100	100	0	100	0
<i>Protoperidinium cf. steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium spp.</i>	0	0	100	0	200	0	0	0	0	0	0	0	0	0
<i>Pyrocystis lunula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pyrophacus steinii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella spp.</i>	0	0	0	0	0	0	0	0	0	0	100	0	0	0
SILICOFLAGELADOS														
<i>Dictyocha speculum</i>	0	0	100	0	0	0	0	0	0	0	100	0	0	0
ZOOMASTIGOFOROS														
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	424.000	294.200	765.100	78.300	701.100	82.200	555.800	146.800	919.500	205.500	1.286.500	97.200	719.700	131.600
TOTAL DINOFLAGELADOS	4.400	1.100	200	100	1.000	0	700	300	300	100	1.100	100	400	0
TOTAL SILICOFLAGELADOS	0	0	100	0	0	0	0	0	0	0	100	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	428.400	295.300	765.400	78.400	702.100	82.200	556.500	147.100	919.800	205.600	1.287.700	97.300	720.100	131.600

Anexo 62

Densidad de fitoplancton (cél·L⁻¹) en la región de Magallanes.

Crucero 1 (2 diciembre 2008 - 12 enero 2009).

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	4-dic-08		4-dic-08		4-dic-08		4-dic-08		4-dic-08		4-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	800	200	0	0	0	0
<i>Bacillaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	800	300	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	800	1.000	0	600	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	200	200	1.000	0	0
<i>Chaetoceros didymus</i>	0	500	0	0	0	400	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	300	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	1.200	0	0	0	0	0	600	200	700	600	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	0	0	800	0	200	0	0	0	0
<i>Corethron pennatum</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Coscinodiscus</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	200	0	0	0	0	400	100	0
<i>Detonula pumila</i>	0	2.200	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	200	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	300	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	3.500	100	0	200	400	0	0	0	0	1.000	2.800	1.200
<i>Guinardia striata</i>	0	400	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	1.200	500	600	0	0	0	0	0	900	500
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	12.300	21.000	2.100	1.500	0	0	1.000	0	0	0	0	0
<i>Licmophora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	0	0	0	0	0	0	400	500	1.800	0	0
<i>Nitzschia</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	500	900	0	200	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	200	0	0	700	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	100	600
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	10.100	0	2.300	1.200	0	0	0	0	0	0	1.000
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	200	600	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 62 (continuación)

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	4-dic-08		4-dic-08		4-dic-08		4-dic-08		4-dic-08		4-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	200	200	0	200	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	100	300	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis truncata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos schwartzii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. lima</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Protoperidinium conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium obtusum</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	100	200	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Scripsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	300	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	200	100	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	100	0	100	200	0	0	0	0	0	0	200	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	17.100	35.400	3.500	4.500	2.900	3.800	4.200	2.100	2.600	4.800	3.900	3.300
TOTAL DINOFLAGELADOS	200	600	0	0	100	300	200	200	500	200	100	0
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	200	100	0	0
TOTAL OTROS	100	0	100	200	0	0	0	0	0	0	200	0
TOTAL	17.400	36.000	3.600	4.700	3.000	4.100	4.400	2.300	3.300	5.100	4.200	3.300

Anexo 62 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Penguin		M10 S. Europa	
	3-dic-08		3-dic-08		3-dic-08		3-dic-08		3-dic-08		3-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria spp.</i>	0	0	1.000	200	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	6.048	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	2.400	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	1.600	600	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	800	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	1.000	200	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	300	0	0	0	19.488	0	3.600	0	800	0	0	0
<i>Chaetoceros socialis</i>	1.500	0	400	0	0	0	0	0	1.800	0	1.400	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	6.720	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	400	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	400	0	0	0	0	0	100	0	0	0
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	0	4.600	1.400	30.240	200	2.600	400	600	100	0	0
<i>Detonula pumila</i>	0	0	0	1.000	4.032	0	3.600	4.200	0	0	0	200
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	10.700	0	0	0	23.520	0	5.200	4.000	3.800	300	1.600	200
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	6.500	898	15.600	12.400	871.584	1.000	0	0	3.900	500	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	36.000	0	6.200	0	0	5.400	10.000	3.000	99.500	6.600	21.800	4.400
<i>Licmophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	400	400	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	400	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	29.568	0	3.800	0	1.000	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	57.120	0	26.600	0	900	0	0	0
<i>Rhizosolenia hebetata</i>	1.500	0	0	0	31.920	0	3.000	400	1.300	200	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	0	0	0	12.768	0	600	0	400	0	0	0
<i>Rhizosolenia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	5.400	0	40.800	10.200	3.513.216	20.205	112.600	9.800	104.200	600	15.400	500
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	900	0	0	0
<i>Thalassionema nitzschoides</i>	200	0	4.800	5.700	80.640	3.400	32.400	6.200	69.900	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	2.688	0	0	0	800	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	9.200	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	1.600	800	0	0	0
<i>Thalassiothrix spp.</i>	0	449	0	0	0	0	5.600	2.000	0	400	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 62 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Penguin		M10 S. Europa	
	3-dic-08		3-dic-08		3-dic-08		3-dic-08		3-dic-08		3-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	100	200	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	100	300	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	200	100	0	0
<i>Dinophysis truncata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	200	0	0	0	100	0	0	0
<i>Gyrodinium spp.</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos schwartzii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. lima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum sp. 1</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	300	500	0	0	0	0	0	0	0	0
<i>Protoperidinium depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellucidum</i>	0	0	500	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	200	0	100	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	200	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	200	200	0	0	200	0	0	0	100	100	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	62.400	1.347	77.600	32.100	4.689.552	30.605	221.200	31.600	290.700	9.100	40.600	5.300
TOTAL DINOFLAGELADOS	300	0	1.100	1.000	400	0	400	0	500	100	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	200	0	0	0	0	0	0
TOTAL OTROS	200	200	0	0	200	0	0	0	100	100	0	0
TOTAL	62.900	1.547	78.700	33.100	4.690.152	30.805	221.600	31.600	291.300	9.300	40.600	5.300

Anexo 62 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzi	
	3-dic-08		3-dic-08		5-dic-08		5-dic-08		2-dic-08		2-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria</i> spp.	300	400	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	800	0	0	0	0	400	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	1.800	0	0	0	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	700	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	1.400	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	2.800	300	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	300	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	2.000	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	200	0	0	13.600	300	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	14.000	10.000
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 3	0	0	0	0	7.600	0	2.600	0	0	0	0	0
<i>Chaetoceros</i> spp.	0	0	0	0	6.000	0	0	0	400	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	600	0	4.000	0	0	600	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	600	0	0	0	1.200	0	0
<i>Ditylum brightwellii</i>	0	300	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Guinardia delicatula</i>	0	0	32.400	3.000	22.000	1.000	16.000	2.800	0	8.200	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	10.000	200	0	1.800	3.600	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	30.600	0	309.200	5.200	203.600	15.600	0	0	0	0
<i>Licmophora</i> spp.	0	0	0	0	0	0	400	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira</i> spp.	0	0	0	0	4.400	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia</i> spp.	0	0	0	400	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	100	0	200	0	0	100	400	0	0
<i>Pseudo-nitzschia cf. australis</i>	1.100	0	6.720	300	11.200	300	28.400	11.000	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	600	0	1.344	0	67.600	0	19.600	26.600	0	0	0	0
<i>Rhizosolenia hebetata</i>	200	0	2.600	0	0	200	0	0	0	0	100	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	700	0
<i>Rhizosolenia setigera</i>	0	0	600	100	400	100	0	400	0	200	600	100
<i>Rhizosolenia</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	5.900	1.300	40.600	0	616.800	2.700	578.000	205.600	0	0	2.400	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	2.000	0	0	0	0	1.200	0	400	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	800	0	0	1.000	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	1.600	1.600	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	600	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix</i> spp.	0	0	800	100	30.800	0	19.200	2.400	0	0	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 62 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzi	
	3-dic-08		3-dic-08		5-dic-08		5-dic-08		2-dic-08		2-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	300	0	100	0	400	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	100	0	0	0	0	0	200
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	400	300	1.100
<i>Ceratium pentagonum</i>	0	0	0	0	2.000	300	0	0	0	800	400	300
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium spp.</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	200	0	0	0	0	0	0	0	100	200
<i>Dinophysis truncata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	100	0	400	0	200	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	200	0	0	0	0	0	0	0	100	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos schwartzii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. lima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicoideis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellucidum</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Protoperidinium thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	400	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	200	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	200	0	0	0	400	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	8.100	4.400	128.264	4.200	1.097.600	13.700	873.400	271.200	500	12.400	17.900	10.100
TOTAL DINOFLAGELADOS	500	700	600	0	3.200	400	400	100	0	1.400	1.100	1.800
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	200	0	0
TOTAL OTROS	0	0	200	0	0	0	400	0	0	0	0	0
TOTAL	8.600	5.100	129.064	4.200	1.100.800	14.100	874.200	271.300	500	14.000	19.000	11.900

Anexo 62 (continuación)

	M17 Cta. Williams 5-dic-08		M18 B. Ensenada 5-dic-08		M19 B. Isthmus 5-dic-08		M20 I. Larga 5-dic-08		M21 Pto. Fontaine 5-dic-08		M22 E. de las Montañas 6-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	0	39.800	0	0	0	0	0	0	0	0	9.400	34.400
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	1.200	800	0	0
<i>Chaetoceros constrictus</i>	0	0	0	1.400	0	0	7.600	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	3.500	0	0	1.000	3.000	0	0	6.900	8.200	6.600	19.600	22.800
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	5.400	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	2.800
<i>Chaetoceros didymus</i>	0	0	1.000	0	0	0	2.800	0	0	3.000	22.200	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	177.100	112.000	14.200	103.600	188.400	32.300	704.200	112.600	163.300	617.800	1.303.100	2.090.600
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	10.200	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	11.200	0	0	0	0	7.000	47.600	0
<i>Chaetoceros teres</i>	3.100	2.400	0	14.200	18.200	3.900	23.600	15.000	2.600	600	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	11.000	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	1.800	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	8.800	10.200	0	0	0	0	21.200	0	0	0	0	0
<i>Chaetoceros spp.</i>	2.800	0	0	0	800	300	0	0	4.600	4.200	2.600	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	400	0	0	200	0	0
<i>Detonula pumila</i>	0	1.400	0	800	400	0	0	6.400	600	1.200	2.400	2.000
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	1.400	200	400	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.600	4.000	0	9.000	6.600	3.500	13.600	10.900	5.200	19.400	6.600	26.000
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium fasciola</i>	0	200	0	0	0	0	0	0	0	0	0	1.600
<i>Leptocylindrus danicus</i>	8.300	13.000	2.100	6.000	9.000	3.600	9.600	2.400	129.000	24.000	19.800	64.000
<i>Leptocylindrus mediterraneus</i>	200	2.400	0	400	0	0	2.000	0	0	0	0	1.200
<i>Leptocylindrus minimus</i>	11.400	8.600	0	2.800	0	8.900	34.800	3.700	3.800	19.600	1.400	6.000
<i>Licmophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	400	200	0	200	400	0	400	400	200	600	800	1.600
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	1.200	11.200	0	3.400	4.400	300	7.200	4.100	20.400	20.200	29.600	39.600
<i>P. cf. pseudodelicatissima</i>	1.800	800	0	600	0	0	0	0	0	0	0	2.000
<i>Rhizosolenia hebetata</i>	0	0	0	400	0	0	0	0	0	200	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	3.600	4.200	600	11.400	6.600	1.900	13.600	3.900	18.000	12.200	3.600	8.800
<i>Rhizosolenia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	2.500	2.400	0	3.400	8.800	3.100	0	400	5.200	1.800	8.800	50.400
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	3.200
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	0	0	600	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	500	2.800	400	0	0	0	0	0	7.600
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	1.000	0	0	0	0	3.400	6.000
<i>Thalassiosira cf. mendiolana</i>	5.000	0	800	8.600	1.800	2.700	5.200	3.200	1.200	0	1.400	2.800
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Thalassiosira spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	2.700	800	0	200	200	0	0	800	4.600	0	5.000	0
<i>Diatomea pennada 1</i>	0	0	0	400	0	0	0	0	0	0	600	0

Anexo 62 (continuación)

	M17		M18		M19		M20		M21		M22	
	Cta. Williams		B. Ensenada		B. Isthmus		I. Larga		Pto. Fontaine		E. de las Montañas	
	5-dic-08		5-dic-08		5-dic-08		5-dic-08		5-dic-08		6-dic-08	
	0-10m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	400	0	100	0	0	0	0	0	0
<i>Ceratium lineatum</i>	200	100	0	200	0	0	0	100	0	0	0	0
<i>Ceratium pentagonum</i>	300	100	100	1.000	2.200	900	300	0	0	300	0	200
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	400	0	0	100	0	200	0	0
<i>Dinophysis truncata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos schwartzii</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. lima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium conicoides</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	100	0	200	0	0	200	0	0	0	200	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	100	0	0	200	0	0	0	100	0	100	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	234.000	213.800	18.800	168.300	273.600	61.900	846.200	170.700	369.500	757.800	1.488.300	2.363.400
TOTAL DINOFLAGELADOS	800	400	200	1.600	2.600	1.100	500	200	0	500	100	200
TOTAL SILICOFLAGELADOS	0	100	0	200	0	0	200	0	0	0	200	0
TOTAL OTROS	0	100	0	0	200	0	0	0	100	0	100	0
TOTAL	234.800	214.400	19.000	170.100	276.400	63.000	846.900	170.900	369.600	758.300	1.488.700	2.363.600

Anexo 62 (continuación)

	M23 I. Ballesteros		M24 B. Fanny		M25 E. Silva Palma		M26 E. Wickham		M27 E. Sullivan		M28 E. Nuñez	
	6-dic-08		22-dic-08		23-dic-08		22-dic-08		22-dic-08		22-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	900	0	0	0	800	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	1.200	0	0	0	0	0	0	0	0	0	0	400
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	14.600	0	0	0	0	6.900	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	800	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 1	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> spp.	1.400	0	0	0	0	0	0	0	0	0	0	200
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	200	0	0	0	0	1.200	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	2.000	1.200	2.100	2.400	1.200	300	1.600	1.000	400	500	700	600
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	43.800	16.400	1.000	1.000	0	9.500	2.000	1.200	0	200	0	200
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.400	0	0	0	0	384.400	0	0	0	0	0	0
<i>Licmophora</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira</i> spp.	0	0	0	400	0	0	0	0	0	0	0	0
<i>Navicula</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia</i> spp.	0	0	0	0	0	200	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	800	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	0	0	0	0	0	0	0	200	0	0	0
<i>Rhizosolenia</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	22.600	13.200	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Surirella</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	400	0	0	0	100	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	0	0	0	0	0	0	0	200	0	0
<i>Thalassiothrix</i> spp.	0	0	0	0	0	500	0	0	0	0	0	0
<i>Diatomea pennada 1</i>	0	400	0	0	0	0	0	0	0	0	0	0

Anexo 62 (continuación)

	M23 I. Ballesteros 6-dic-08		M24 B. Fanny 22-dic-08		M25 E. Silva Palma 23-dic-08		M26 E. Wickham 22-dic-08		M27 E. Sullivan 22-dic-08		M28 E. Nuñez 22-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Ceratium lineatum</i>	0	0	200	200	0	200	300	0	300	100	300	200
<i>Ceratium pentagonum</i>	0	0	300	100	100	700	1.100	400	400	700	200	400
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium sp.</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis truncata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	200	200	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	200	100	0	0	0	0	0	100	100	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos schwartzii</i>	0	0	0	100	0	0	100	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	100	0	0	100
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. lima</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Prorocentrum sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicoideis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellucidum</i>	0	400	400	0	0	0	0	800	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	200	0	100	0	0	0	0	0	0	100	100	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	100	100	600	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	88.000	32.000	3.300	3.800	1.200	403.300	3.600	3.400	600	1.900	700	1.800
TOTAL DINOFLAGELADOS	0	400	1.100	600	100	1.100	1.700	1.400	800	1.200	800	700
TOTAL SILICOFLAGELADOS	200	0	100	0	0	0	0	0	0	100	100	0
TOTAL OTROS	0	0	0	0	0	100	100	600	0	0	0	0
TOTAL	88.200	32.400	4.500	4.400	1.300	404.500	5.400	5.400	1.400	3.200	1.600	2.500

Anexo 62 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	22-dic-08		22-dic-08		22-dic-08		21-dic-08		21-dic-08		21-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	4.300	0	1.300	0	2.200	1.600	5.600
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	800	0	0	0	0	100	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	22.001	0	0	3.000	2.200	40.600	16.200	15.200	3.700	8.700	1.177.300	60.200
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	2.600	0	61.000	8.800	6.700	19.000	9.500	205.600	64.400
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	9.878	0	0	2.200	0	5.100	4.500	7.500	0	1.300	3.600	4.100
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	900	1.400	0	2.900	0	7.400	0	15.400	0	13.400
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	16.300	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	1.000	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	400	0	0	0	900	5.800	400
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	2.000
<i>Chaetoceros spp.</i>	700	0	0	400	0	0	0	0	0	0	4.400	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	21.200	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.000	1.000	300	0	0	1.000	0	2.200	0	200	200	500
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	1.000	0	0	0	6.600	0	200	0	0	4.000	500
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	3.000	0	600	1.900	200	172.000	11.400
<i>Licmophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	300	0	0	400	0	0	0	600	0	0	0	100
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Pseudo-nitzschia cf. australis</i>	0	800	0	0	500	1.500	1.600	0	0	600	3.600	700
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	700	1.100	300	400	0	300	0	300
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Rhizosolenia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	1.200	1.900
<i>Stephanopyxis turris</i>	0	0	0	0	0	400	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	3.400	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	8.200	0	0	17.800	2.700	12.100	0	2.600	1.800	2.800	600	1.600
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	14.300	1.600	4.700	18.200	20.600	21.600	118.000	103.200	6.800	56.600	276.900	53.600
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 62 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	22-dic-08		22-dic-08		22-dic-08		21-dic-08		21-dic-08		21-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	200	600	800	1.000	0	0	0	0	0	0	200	0
<i>Ceratium pentagonum</i>	0	1.000	0	0	0	100	0	0	100	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Ceratium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis truncata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	100	100
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos schwartzii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Prorocentrum micans</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. lima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicoideis</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	100	0	0	0	100
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oblongum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium obtusum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	200	0	100	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	200	0	0	0	0	0	0	100	0	100	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	100	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	100	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	56.379	5.200	5.900	46.000	26.700	182.800	152.900	164.200	33.200	98.900	1.858.900	220.800
TOTAL DINOFLAGELADOS	200	2.000	1.100	1.200	0	100	200	300	300	0	300	200
TOTAL SILICOFLAGELADOS	0	200	0	0	0	0	0	0	100	0	100	0
TOTAL OTROS	0	0	0	100	0	0	0	0	100	0	0	0
TOTAL	56.579	7.400	7.000	47.300	26.700	182.900	153.100	164.500	33.700	98.900	1.859.300	221.000

Anexo 62 (continuación)

	M35 Cabo Sn. Isidro		M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco		M39 Pto. Zenteno		M40 S. Ventisquero	
	21-dic-08		6-ene-09		6-ene-09		12-ene-09		12-ene-09		16-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	600	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	700	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	96.000	8.700
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	3.800	6.400
<i>Chaetoceros curviretus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	1.500	0	1.500	0	0	0	500	0	0	0	7.600	18.400
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	900	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	1.500	0	0	2.000	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	7.000	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	200	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	1.600	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	2.500	2.300	0	0	0	0	0	0	0	0	0	3.800
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	800	1.700	0	0	0	0	0	13.800	4.800	12.200	0	1.800
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	1.100	0	0	0	2.000
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	400	0	0	0	0	0	0	0	0	0	0
<i>Licmophora spp.</i>	0	800	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	200	0	0	0	0	0	1.300	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	400	300	0	100	0	200	0	200	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	800	200
<i>Pleurosigma spp.</i>	100	0	0	0	0	0	0	0	200	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	2.900	300	2.200	12.800	423.400
<i>P. cf. pseudodelicatissima</i>	0	200	0	0	0	0	0	0	0	0	936.800	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	400	200	0	800	0
<i>Rhizosolenia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	2.300
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	300	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	600	600	5.500	4.971.600	259.400
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	1.700	700	0	0	391.100
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	200	0	500	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 62 (continuación)

	M35 Cabo Sn. Isidro		M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco		M39 Pto. Zenteno		M40 S. Ventisquero	
	21-dic-08		6-ene-09		6-ene-09		12-ene-09		12-ene-09		16-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	2.000	1.500
<i>Amylax triacantha</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	200	500
<i>Ceratium lineatum</i>	200	500	0	0	100	0	0	100	0	0	13.000	19.400
<i>Ceratium pentagonum</i>	200	0	500	0	0	0	0	0	0	0	600	100
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	200	0	0	0	0	0	0	0	0	1.600	800
<i>Dinophysis truncata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	100	0	0	0	0	0	0	0	0	1.000	100
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Polykrikos schwartzii</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	600	1.100
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. lima</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Prorocentrum sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium conicoideis</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium depressum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	0	0	0	0	0	0	0	0	0	1.000	0
<i>Protoperidinium oblongum</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium obtusum</i>	0	100	0	0	0	0	0	0	0	0	4.800	7.200
<i>Protoperidinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	1.600	200
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium thulesense</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	100	0	0	0	0	0	0	0	1.700	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	200	0	0	0	0	0	0	0	0	0	0	200
TOTAL DIATOMEAS	5.400	7.000	2.400	100	0	400	500	24.100	6.900	20.600	6.040.800	1.117.900
TOTAL DINOFLAGELADOS	400	900	600	0	300	100	0	100	0	0	29.900	31.300
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	200	0	0	0	0	0	0	0	0	0	0	200
TOTAL	6.000	7.900	3.000	100	300	500	500	24.200	6.900	20.600	6.070.700	1.149.400

Anexo 62 (continuación)

	M41 V. España		M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	16-dic-08		17-dic-08		17-dic-08		17-dic-08		17-dic-08		17-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	6.800	77.300	0	0	0	0	0	0	200	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	3.600	0	2.700	9.600	64.200	6.400	19.000	155.800	12.400	11.300	55.000	3.400
<i>Chaetoceros constrictus</i>	0	0	0	3.600	0	0	0	0	0	0	1.000	600
<i>Chaetoceros convolutus</i>	0	1.000	0	0	9.500	0	0	2.000	0	0	8.000	700
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	1.600	27.200	1.800	1.000	4.200	5.000	0	400	4.000	1.200
<i>Chaetoceros decipiens</i>	0	0	500	2.200	14.200	1.000	0	0	0	0	800	0
<i>Chaetoceros diadema</i>	0	0	800	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	2.600	600	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	6.400	2.200	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	8.600	0	2.600	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	400	0	0	900	0	0
<i>Chaetoceros teres</i>	0	0	600	0	0	0	0	0	0	0	0	0
<i>Chaetoceros tortissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	3.200	400	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	1.000	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	400	8.200	0	0	0	0	400	7.000	0
<i>Corethron pennatum</i>	0	0	0	3.200	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	200	0	0	0	0	200	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	10.800	1.600	1.400	0	0	1.800	0	0	18.800	0	6.400	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Guinardia delicatula</i>	800	0	0	0	0	0	0	0	300	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	3.000	3.400	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	200	100	0	0	0	0	4.800	2.600	5.200	800	400	0
<i>Pleurosigma spp.</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	125.000	3.123.000	659.900	2.817.800	348.100	2.800	63.600	3.300	8.200	100.800	12.900
<i>P. cf. pseudodelicatissima</i>	439.500	161.300	3.284.500	819.800	15.600	662.500	600	1.561.400	13.800	2.358.700	954.000	124.800
<i>Rhizosolenia hebetata</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	400	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	600	0	0	200	1.400	0	200	0	200	0	200	0
<i>Rhizosolenia spp.</i>	0	0	0	0	0	0	1.400	0	4.600	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	1.400	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	400	0	16.200	0	11.600	8.600	52.000	393.800	6.800	395.100	80.400	7.800
<i>Thalassiosira cf. eccentrica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	110.000	192.200	619.200	6.102.600	10.015.000	17.200	10.200	2.900	1.179.200	56.900
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	79.000	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 62 (continuación)

	M41 V. España		M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	16-dic-08		17-dic-08		17-dic-08		17-dic-08		17-dic-08		17-dic-08	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	600	500	900	0	1.900	400	0	2.400	0	1.600	0	0
<i>Amylax triacantha</i>	0	0	0	100	0	0	200	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	1.000	0	600	0	0	0
<i>Ceratium fusus</i>	0	300	700	1.200	600	300	600	1.200	200	600	400	600
<i>Ceratium lineatum</i>	11.200	300	1.100	5.400	6.400	15.600	9.400	20.200	20.000	7.700	34.400	8.700
<i>Ceratium pentagonum</i>	200	500	600	800	400	400	200	2.000	200	500	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	7.800	6.000	4.300	1.200	600	6.600	600	1.600	2.200	6.400	5.400	5.600
<i>Dinophysis truncata</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	400	0	0	0	400	200	600	400	0	400	200
<i>Gyrodinium lachryma</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	400	100	0	0	100	0	0	0	0	100	0	0
<i>Heterocapsa triquetra</i>	0	0	1.000	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	200	0	0	0	0	0	1.900	200	0	0	0
<i>Oxytoxum scolopax</i>	200	100	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	100	0	1.000	0	100	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	200	0	0	0	0	0	200	0
<i>Polykrikos schwartzii</i>	400	0	500	200	0	0	400	100	200	0	1.400	200
<i>Preperidinium meunieri</i>	200	300	0	0	600	0	200	400	800	900	2.400	2.700
<i>Prorocentrum micans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum cf. lima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	200	200	900	0	200	300	600	200	600	100	800	300
<i>Protoperidinium conicoideis</i>	800	9.200	0	0	100	0	600	400	200	300	200	200
<i>Protoperidinium conicum</i>	0	0	0	0	0	500	0	0	0	0	0	0
<i>Protoperidinium denticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium depressum</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Protoperidinium excentricum</i>	0	500	400	0	200	200	0	0	0	0	0	0
<i>Protoperidinium oblongum</i>	0	0	1.000	400	0	100	0	600	0	0	0	0
<i>Protoperidinium obtusum</i>	5.000	1.200	1.500	400	900	4.600	2.200	2.400	200	2.700	9.600	7.700
<i>Protoperidinium pellucidum</i>	600	0	700	0	300	100	200	1.000	0	100	0	0
<i>Protoperidinium pentagonum</i>	0	0	700	0	0	0	0	1.000	400	0	5.600	3.900
<i>Protoperidinium punctulatum</i>	400	0	1.700	0	600	0	0	0	600	0	0	0
<i>Protoperidinium thulesense</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. tristylum</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	200	0	0	1.600	200	0	600	5.200	0	200	9.200	1.500
<i>Scrippsiella trochoidea</i>	0	0	1.100	0	0	200	0	0	0	100	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	200	0	100	200	0	0	0	0	200	0	1.000	1.800
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	456.100	368.000	6.565.300	1.803.600	3.569.300	7.131.900	10.103.400	2.204.800	75.600	2.778.700	2.398.400	208.300
TOTAL DINOFLAGELADOS	29.000	19.800	17.800	11.300	13.300	29.800	17.200	42.200	26.800	21.400	70.200	31.600
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	200	0	100	200	0	0	0	0	200	0	1.000	1.800
TOTAL	485.300	387.800	6.583.200	1.815.100	3.582.600	7.161.700	10.120.600	2.247.000	102.600	2.800.100	2.469.600	241.700

Anexo 63
Densidad de fitoplancton (cél·L⁻¹) en la región de Magallanes.
Crucero 2 (22 enero - 3 marzo 2009).

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	1-feb-09		1-feb-09		1-feb-09		2-feb-09		2-feb-09		2-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	600	300	0	0	0	0	800	1.200	0	0	1.500	200
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	1.200	1.000	0	0	0	0
<i>Chaetoceros constrictus</i>	0	500	0	1.300	8.400	3.500	0	0	0	4.400	0	0
<i>Chaetoceros curvisetus</i>	1.400	1.100	0	2.100	600	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	39.000	25.500	1.200	6.300	0	400	1.400	1.100	1.000	1.800	3.500	5.400
<i>Chaetoceros decipiens</i>	0	2.100	1.200	1.000	2.200	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	3.400	0	0	0	0	800	2.400	3.600	0	0	8.400	3.800
<i>Chaetoceros didymus</i>	34.900	4.800	29.600	5.100	1.600	3.000	4.000	2.800	1.500	8.600	1.200	0
<i>Chaetoceros laciniosus</i>	24.200	15.500	112.900	36.600	19.400	32.800	5.600	16.600	3.400	44.200	6.800	2.400
<i>Chaetoceros lorenzianus</i>	0	0	0	1.200	0	0	800	0	0	0	0	0
<i>Chaetoceros radicans</i>	1.345.300	655.800	470.400	449.100	1.193.500	633.500	1.629.000	226.400	324.200	1.284.200	14.200	38.800
<i>Chaetoceros similis</i>	200	2.600	600	1.700	100	200	200	600	0	400	1.000	0
<i>Chaetoceros socialis</i>	0	800	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	800	400	0	200	600	1.400	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	18.100	6.600	34.900	2.800	61.800	22.700	12.200	41.600	58.000	42.400	9.100	3.400
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	800	100	0	0	0	0
<i>Cylindrotheca closterium</i>	1.900	700	200	100	100	300	400	100	300	200	500	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	300	0	200	100	200	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	3.800	4.500	7.200	2.000	9.400	3.100	400	1.400	0	1.800	400	2.200
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	3.100	25.200	68.500	41.100	5.200	3.500	4.400	1.800	62.800	91.000	300	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	200	400	1.000	100	0	0	0	100	800	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	1.300	1.000	0	0	0	800	2.000	1.200	7.900	12.200	2.300	0
<i>P. cf. pseudodelicatissima</i>	2.500	1.600	3.500	900	2.000	4.400	5.600	5.600	2.300	2.200	1.000	600
<i>Rhizosolenia pungens</i>	0	0	0	0	0	100	0	0	100	0	0	0
<i>Rhizosolenia setigera</i>	300	400	100	0	0	0	200	100	300	0	200	0
<i>Skeletonema costatum</i>	6.000	19.200	13.000	4.600	0	5.500	24.000	6.600	4.700	20.160	2.100	1.600
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	600	200	300	0	300	0	0	1.000	400	400	200
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	200	0	400	0	600	0	0	0
<i>Thalassiosira decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	900	400	0	500	0	0	1.200	0	400	0	200	0
<i>Thalassiosira mendiolana</i>	1.400	1.000	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	600	0	400	0	800	400	600	0	0	400	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	100	0	3.400	600	0	0	1.200	200	300	600	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 63 (continuación)

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	1-feb-09		1-feb-09		1-feb-09		2-feb-09		2-feb-09		2-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFITOPITOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium declinatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	100	100	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Ceratium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	100	0	0	0	0	0	0	0	0	0	200
<i>Dinophysis acuta</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	100	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	100	0	0	0	0	0	0	100	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	100	0	100	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	100	0	0	100	0	0	100	0	400	100	0	0
SILICOFITOPITOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	300
ZOOASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	100	200	0	0	1.000	0	0	200	100	500	0	100
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.489.200	771.400	747.300	558.900	1.305.200	717.600	1.698.800	312.800	469.000	1.515.560	53.500	58.600
TOTAL DINOFITOPITOS	300	300	100	300	0	100	200	100	500	100	0	300
TOTAL SILICOFITOPITOS	0	0	0	0	0	0	0	0	0	0	0	300
TOTAL OTROS	100	200	0	0	1.000	0	0	200	100	500	0	100
TOTAL	1.489.600	771.900	747.400	559.200	1.306.200	717.700	1.699.000	313.100	469.600	1.516.160	53.500	59.300

Anexo 63 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Penguin		M10 S. Europa	
	1-feb-09		1-feb-09		1-feb-09		31-ene-09		31-ene-09		31-ene-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	400	1.400
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	800	9.878	0	0	336	0	4.000	3.800	0	0	1.200	400
<i>Chaetoceros compressus</i>	1.400	9.429	0	0	0	0	0	0	1.800	2.600	0	0
<i>Chaetoceros constrictus</i>	0	0	0	1.600	0	0	0	1.800	300	0	2.000	3.200
<i>Chaetoceros curvisetus</i>	0	0	17.200	2.600	0	0	16.100	8.800	0	0	0	0
<i>Chaetoceros debilis</i>	3.200	7.184	82.000	68.500	950.544	231.200	165.300	82.400	20.000	32.200	125.000	11.400
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	9.400	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	117.600	3.600	69.216	13.600	48.400	53.800	12.100	5.000	79.400	6.600
<i>Chaetoceros didymus</i>	500	8.082	0	400	8.400	3.200	59.100	62.400	200	3.000	0	0
<i>Chaetoceros laciniosus</i>	23.100	39.961	290.000	96.800	95.760	258.000	282.200	217.600	52.100	165.300	201.600	22.700
<i>Chaetoceros lorenzianus</i>	400	3.143	0	200	2.016	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	287.400	223.602	2.126.200	377.400	708.288	1.086.000	1.106.100	1.242.200	382.400	803.700	845.600	641.200
<i>Chaetoceros similis</i>	0	898	600	400	336	1.200	8.600	5.600	3.100	4.800	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	8.100	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	32.900	52.982	100.000	24.400	229.152	190.800	69.900	73.000	0	0	0	1.800
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	0	600	0	336	800	1.800	1.200	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	2.016	400	0	0	0	0	400	100
<i>Eucampia cornuta</i>	0	0	0	0	1.344	3.200	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	1.600	600
<i>Guinardia delicatula</i>	6.700	58.370	44.800	31.600	20.832	2.800	76.600	56.600	26.200	5.200	11.600	1.200
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	3.300	1.800	0	0
<i>Leptocylindrus minimus</i>	15.400	414.427	324.000	27.700	168.672	8.800	146.500	204.200	800	0	79.000	11.200
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	800	600	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	400	100	0	0	2.400	3.000	0	0	0	0
<i>Pleurosigma directum</i>	0	0	400	200	0	0	400	200	0	0	200	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	1.300	2.694	0	2.900	2.352	0	1.200	4.400	600	0	400	600
<i>P. cf. pseudodelicatissima</i>	3.200	36.369	24.000	44.100	72.240	12.572	0	1.000	3.600	17.500	1.200	500
<i>Rhizosolenia pungens</i>	0	0	0	200	336	0	0	0	200	0	600	200
<i>Rhizosolenia setigera</i>	0	449	400	100	3.360	400	9.600	8.800	100	600	0	300
<i>Skeletonema costatum</i>	8.800	7.184	207.200	65.500	719.712	736.360	229.800	326.600	420.500	752.600	1.044.000	623.300
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	1.800	0	0	0	3.200	2.800	600	2.000	2.000	0
<i>Thalassiosira anguste-lineata</i>	400	898	0	0	1.680	0	0	800	1.200	0	0	0
<i>Thalassiosira decipiens</i>	0	0	0	0	0	0	0	0	800	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	600	0	0	100	1.344	0	0	0	0	0	4.200	8.400
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	400	3.143	0	0	0	0	0	0	2.800	2.000	0	300
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	3.200	0	0	0	3.200	0	0
<i>Thalassiosira spp.</i>	800	6.735	9.600	3.200	2.016	400	0	2.400	1.900	800	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 63 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Penguin		M10 S. Europa	
	1-feb-09		1-feb-09		1-feb-09		31-ene-09		31-ene-09		31-ene-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium declinatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	300	0	0	0	0	0	0	0	0	100
<i>Ceratium pentagonum</i>	100	0	0	300	0	1.200	0	100	200	400	0	0
<i>Ceratium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	300	400	0	0	0	0	0	200
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	0	0	800	0	0	0	200	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	300	400	1.600	0	600	600	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	387.400	885.428	3.348.000	752.200	3.060.288	2.552.932	2.248.700	2.363.400	933.800	1.803.100	2.400.400	1.335.400
TOTAL DINOFLAGELADOS	100	0	300	300	300	1.600	0	100	200	400	0	400
TOTAL SILICOFLAGELADOS	0	0	100	0	0	800	0	0	0	200	0	0
TOTAL OTROS	0	0	0	0	300	400	1.600	0	600	600	0	0
TOTAL	387.500	885.428	3.348.400	752.500	3.060.888	2.555.732	2.250.300	2.363.500	934.600	1.804.300	2.400.400	1.335.800

Anexo 63 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzzi	
	31-ene-09		31-ene-09		31-ene-09		30-ene-09		30-ene-09		30-ene-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	1.000	800	600	1.200	0	0	200	0	0	0	0	300
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	200	0	1.200	400	0	300	100	600	200	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	1.600	12.600	23.000	3.300	1.600	2.500	800	1.200	1.400	1.200	0	500
<i>Chaetoceros debilis</i>	30.200	8.600	45.200	40.400	126.800	22.100	34.944	1.800	3.400	13.600	0	2.500
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	1.500	48.500	29.800	33.500	49.000	114.100	37.100	66.400	20.100	13.600	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	31.400	266.400	7.200	8.800	72.200	21.500	0	0	4.200	7.200	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	39.700	126.900	91.000	21.000	83.000	72.200	102.400	16.600	82.900	41.600	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	500	2.000	4.200	5.200	5.900	0	0	600	800	1.100	4.600
<i>Coscinodiscus spp.</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Ditylum brightwellii</i>	0	0	200	200	200	0	200	500	100	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragillaria spp.</i>	200	400	0	1.800	1.200	400	0	1.200	0	0	1.800	1.600
<i>Guinardia delicatula</i>	3.700	3.600	0	2.400	11.600	6.200	0	0	31.500	31.000	104.800	66.200
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	214.400	6.600	957.600	164.400	10.000	62.100	3.400	3.900	2.000	10.600	134.400	88.300
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	400	500	900	800	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	400	0	0	5.500	2.400	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	400	1.800	0	200	2.800	2.600	2.800	1.600	200	2.000	1.000	3.100
<i>P. cf. pseudodelicatissima</i>	0	2.200	28.224	1.600	10.800	1.796	600	100	1.100	5.000	500	1.200
<i>Rhizosolenia pungens</i>	200	0	200	0	0	0	200	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	400	0	0	600	200	800	200	0	100
<i>Skeletonema costatum</i>	14.000	82.700	7.800	108.800	84.400	11.100	14.000	4.500	0	13.600	0	1.000
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	1.000	600	5.000	3.600	2.400	300	1.600	400	4.400	4.200	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	2.000	800	0	1.400	1.200	0	1.100	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 63 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzzi	
	31-ene-09		31-ene-09		31-ene-09		30-ene-09		30-ene-09		30-ene-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium declinatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	200	0	200	200	200	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	100	100	0	0	200	0	0	0	0	0
<i>Ceratium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium</i> spp.	300	100	200	0	400	100	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	100	100	0	200	0	300	0	0	0	0	100	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	100	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	400	100	0	200	600	100	0	400	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	339.300	562.200	1.200.024	396.700	462.400	324.996	200.444	99.200	160.300	148.400	244.300	169.400
TOTAL DINOFLAGELADOS	400	200	500	300	600	600	400	100	0	0	100	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	400	100	0	200	600	100	0	400	100	0
TOTAL	339.700	562.400	1.200.924	397.100	463.000	325.796	201.444	99.400	160.300	148.800	244.500	169.400

Anexo 63 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	3-feb-09		3-feb-09		3-feb-09		3-feb-09		3-feb-09		3-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	200	800	300	100	800	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	300	0	0	0	0	0	200	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	1.600	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	61.400	21.800	6.300	8.800	304.400	48.200	79.000	9.200	8.300	600	529.500	644.800
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	2.400	3.600
<i>Chaetoceros diadema</i>	2.000	2.400	9.900	1.800	0	0	0	0	0	0	5.000	28.800
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	4.200
<i>Chaetoceros laciniosus</i>	1.200	1.400	0	2.100	6.600	500	1.200	0	1.300	2.400	23.000	6.400
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	800	0	0
<i>Chaetoceros radicans</i>	0	0	2.700	15.200	68.800	12.000	0	0	1.800	6.100	59.100	173.800
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	800	8.200
<i>Chaetoceros teres</i>	0	0	0	0	0	0	1.200	200	400	400	1.600	1.400
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	2.800	2.700	4.800	0	0	4.000	2.700	6.500	3.700	2.600	8.800
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	100	0	0	1.200	0
<i>Ditylum brightwellii</i>	200	100	400	0	400	300	0	0	0	0	1.400	2.200
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragillaria spp.</i>	3.800	2.300	6.500	2.800	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	6.800	4.100	2.800	4.500	7.200	5.600	14.800	9.600	700	3.600	3.400	4.200
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	42.600	30.800	0	0	1.000	1.300	1.800	300	1.700	600	20.200	13.000
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	500	400	900	200
<i>P. cf. pseudodelicatissima</i>	0	400	1.800	0	1.200	200	4.800	0	0	200	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	600	200	1.000	0
<i>Skeletonema costatum</i>	600	0	1.000	800	3.200	300	5.000	400	6.400	20.000	22.200	62.800
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	100	100	1.000	400
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	0	0	0	6.400	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	2.400	0	0	0	0	2.600	0
<i>Thalassiosira decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	3.800	4.200	1.700	2.400	2.200	2.100	7.200
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	82.400	0	0	0	0	37.000	0
<i>Thalassiosira minuscula</i>	0	0	0	0	800	0	0	0	400	500	0	1.200
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	3.400	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	20.000	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	2.200	0	0	1.400	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 63 (continuación)

	M17 Cta. Williams 3-feb-09		M18 B. Ensenada 3-feb-09		M19 B. Isthmus 3-feb-09		M20 I. Larga 3-feb-09		M21 Pto. Fontaine 3-feb-09		M22 E. de las Montañas 3-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium declinatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	100	0	100	0	0	300	400	200	0	100	0	400
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	100	0	200	200
<i>Ceratium</i> spp.	0	0	0	0	0	0	0	300	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	100	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	100	0	0	200
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	200	200	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	400	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	100	0	0	200	0	100	800
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	118.800	66.900	34.400	41.200	394.400	160.400	116.000	46.600	31.100	42.000	726.400	971.200
TOTAL DINOFLAGELADOS	200	0	100	0	200	800	400	700	400	100	700	800
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	100	0	0	200	0	100	800
TOTAL	119.000	66.900	34.500	41.200	394.600	161.300	116.400	47.300	31.700	42.100	727.200	972.800

Anexo 63 (continuación)

	M23 I. Ballesteros 4-feb-09		M24 B. Fanny 23-ene-09		M25 E. Silva Palma 23-ene-09		M26 E. Wickham 23-ene-09		M27 E. Sullivan 23-ene-09		M28 E. Nuñez 23-ene-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	500	400	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	214.400	323.600	1.300	36.960	2.800	300	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	6.500	6.800	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	5.300	2.800	0	0	1.200	0	0	2.000	1.600	200	600	1.200
<i>Chaetoceros didymus</i>	7.700	19.000	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	600	2.000	0	0	0	0	0	0	4.600	6.400	400	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	22.300	25.600	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	8.600	3.000	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	500	2.400	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	400	1.200	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	1.200	1.800	6.800	7.800	3.200	800	8.800	5.400	0	0	1.200	600
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	400	400	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.200	3.200	0	0	2.800	1.800	4.800	3.400	10.000	1.000	2.200	3.100
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	16.600	31.600	0	0	24.800	7.300	0	1.200	7.400	1.300	1.500	2.400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	200	0	0	0	600	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	200	0	600	600	0	0	24.000	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	600	0	0	0	0	11.600	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	300	800	300	400	2.000	400	1.600	1.000	600	100	500	200
<i>Skeletonema costatum</i>	4.200	3.000	0	4.200	6.800	2.600	0	0	7.400	11.400	7.200	4.800
<i>Stephanopyxis turris</i>	0	0	0	200	1.200	300	0	0	600	600	400	100
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	13.800	110.800	63.200	29.000	349.400	135.400	164.200	34.400	29.600	15.300
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	1.600	1.000	3.200	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	3.200	4.000	3.000	1.800	1.200	2.800	6.600	4.100	1.600	2.800
<i>Thalassiosira minuscula</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	6.200	0	0	0	800	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 63 (continuación)

	M23 I. Ballesteros 4-feb-09		M24 B. Fanny 23-ene-09		M25 E. Silva Palma 23-ene-09		M26 E. Wickham 23-ene-09		M27 E. Sullivan 23-ene-09		M28 E. Nuñez 23-ene-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium declinatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Ceratium lineatum</i>	600	200	0	0	0	0	100	200	0	0	100	0
<i>Ceratium pentagonum</i>	0	400	0	100	0	0	0	0	0	0	100	0
<i>Ceratium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	200	200	0	0	100	0	200	200	0	0	200	400
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	100	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	200	100	100	100	0	0	0	0	100	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	100	0	100	0	100	200	100	300	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	100	100	0	0	300	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	290.700	428.600	33.900	169.360	111.000	44.300	403.200	151.200	203.000	59.500	45.200	30.600
TOTAL DINOFLAGELADOS	800	1.000	300	200	300	100	700	600	100	300	600	500
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	100	100	0	0	300	0	0	0	0	0
TOTAL	291.500	429.600	34.300	169.660	111.300	44.400	404.200	151.800	203.100	59.800	45.800	31.100

Anexo 63 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	23-ene-09		23-ene-09		23-ene-09		24-ene-09		22-ene-09		22-ene-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	400	0	0	0	200	100	0	0	400
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	600	200	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	2.400	200	0	0	400	0	0	300	800	0	0
<i>Chaetoceros decipiens</i>	0	2.000	0	0	0	0	0	0	400	200	0	0
<i>Chaetoceros diadema</i>	0	0	500	2.000	0	0	0	0	0	0	1.100	2.300
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	4.000	1.400	3.200	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	16.200	2.800	17.200	200	0	2.800	6.600	5.200	4.300	0	0
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	1.200	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragillaria spp.</i>	0	0	0	6.800	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	400	1.800	8.000	0	0	1.000	0	600	1.400	0	800
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	1.000	400	4.800	0	0	600	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	800	0	0	0	0	0	0	0	0	0	200
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	200	0	0	400	0	0	100	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	1.100	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	400	0	0	100	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	100	400	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	1.100	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	400	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	200	4.800	9.100	6.000	0	2.200	1.700	3.000	1.000	2.800	400	600
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	2.200	0	0	800	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	3.800	4.400	0	0	0	0	1.100	2.000	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	1.100	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	500	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	1.900	0	0	0	0	0
<i>Thalassiosira spp.</i>	4.400	0	0	16.000	200	0	2.100	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	400	0	0	0	0	0	0	0	0

Anexo 63 (continuación)

	M29 Cutter Cove 23-ene-09		M30 B. Mussel 23-ene-09		M31 B. Nash 23-ene-09		M32 B. Cordes 24-ene-09		M33 B. Bell 22-ene-09		M34 S. Pedro 22-ene-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium declinatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	100	0	0	0	0	100	0	0	0	0	0	0
<i>Ceratium fusus</i>	100	200	0	100	0	100	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	100	100	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	200	100	0	0	0	0	0	0	0	0
<i>Ceratium</i> spp.	400	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	200	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	200	0	0	100	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	100	100	0	200	200	0	200	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	100	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	7.100	32.000	20.700	72.600	1.600	2.600	13.000	9.800	8.700	11.500	1.500	4.300
TOTAL DINOFLAGELADOS	600	200	700	400	0	500	400	100	200	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	100	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7.800	32.200	21.400	73.000	1.600	3.100	13.400	9.900	8.900	11.500	1.500	4.300

Anexo 63 (continuación)

	M35 Cabo Sn. Isidro		M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco		M39 Pto. Zenteno		M40 S. Ventisquero	
	22-ene-09		2-mar-09		2-mar-09		3-mar-09		3-mar-09		7-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	1.200	0	0	0	600	0	0	200	0	0
<i>Bacillaria paxillifera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	200	0	0	0	100	100	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	1.000	500	2.600	600	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	400	0	0	0	400	3.200	2.100
<i>Chaetoceros diadema</i>	0	0	0	0	0	300	200	0	0	1.000	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	300	0	600
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	300	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	400	0	0	600	2.300	5.200	10.400
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	400	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Fragillaria spp.</i>	0	0	28.300	97.800	4.700	2.300	3.800	3.600	7.200	4.400	0	600
<i>Guinardia delicatula</i>	100	0	600	0	0	3.400	1.500	9.200	2.800	2.000	2.600	1.400
<i>Leptocylindrus danicus</i>	0	0	0	0	0	200	0	0	0	0	600	200
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	700	4.000	12.400	6.100
<i>Licmophora abbreviata</i>	0	0	0	200	0	100	0	0	0	0	0	100
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	400	0	0	0	0	0	100	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	200	100	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	1.000	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	200	0	0	0	0	0	16.600	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Skeletonema costatum</i>	1.400	0	0	0	0	0	0	0	0	0	7.400	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	900	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	800	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 63 (continuación)

	M35 Cabo Sn. Isidro		M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco		M39 Pto. Zenteno		M40 S. Ventisquero	
	22-ene-09		2-mar-09		2-mar-09		3-mar-09		3-mar-09		7-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium declinatum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	100	0	100
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	100	2.500
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	200	0	0	0	100	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	100	0	0	100	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	400
EUGLENÓFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.400	200	30.100	98.400	4.900	8.400	6.800	16.000	12.400	15.000	50.000	21.500
TOTAL DINOFLAGELADOS	0	0	200	0	0	0	200	100	0	200	100	3.000
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	400
TOTAL	2.400	200	30.300	98.400	4.900	8.400	7.000	16.100	12.400	15.200	50.100	24.900

Anexo 63 (continuación)

	M41 V. España		M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	7-feb-09		8-feb-09		8-feb-09		8-feb-09		8-feb-09		8-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	400	100	0	0	0	300	600	100	200	1.200	500
<i>Bacillaria paxillifera</i>	0	500	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	5.600	0	0	0	0
<i>Chaetoceros decipiens</i>	0	200	0	0	1.800	1.500	0	0	0	0	700	400
<i>Chaetoceros diadema</i>	0	0	0	0	0	3.200	400	6.800	1.500	0	900	2.200
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	600	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	300	0	0	5.300	2.200	600	0	600	1.900
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	100	400	1.200	1.000	0	0	600	600	300	100
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	600	500	800	1.200	1.800	200	4.100	3.000	1.600	8.400	3.100	6.100
<i>Coscinodiscus spp.</i>	0	100	0	0	0	0	0	0	100	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	200	0	0	0	0	200	0	0	0	0	0
<i>Eucampia cornuta</i>	0	0	600	0	0	0	0	0	0	0	800	400
<i>Fragillaria spp.</i>	0	0	5.200	3.600	0	0	0	0	0	0	900	1.400
<i>Guinardia delicatula</i>	200	2.800	600	0	4.400	1.900	1.000	2.800	3.200	2.800	400	900
<i>Leptocylindrus danicus</i>	0	0	0	0	0	100	900	0	0	0	0	200
<i>Leptocylindrus minimus</i>	1.800	8.800	1.600	4.600	18.400	13.900	3.300	17.200	5.100	6.800	2.400	2.800
<i>Licmophora abbreviata</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Navicula spp.</i>	0	0	0	200	0	100	200	0	600	800	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	400	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	2.700	0	0	8.200	15.400	0	0	21.800	0	13.000	6.000	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	500	0	0	3.000	4.600	0	0	4.200	0	1.200	1.600	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	34.200	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	400	0	0	1.800	1.000	0	0	12.800	0	39.000	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	400	800	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	200	0	0	0	400	0	0	300	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 63 (continuación)

	M41 V. España 7-feb-09		M42 V. Holanda 8-feb-09		M43 B. Yendegaia 8-feb-09		M44 Pto. Navarino 8-feb-09		M45 Pto. Williams 8-feb-09		M46 Pto. Eugenia 8-feb-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	200	0	0
<i>Ceratium declinatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	200	100	0	0	0	100	100	0	100	0	100	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium</i> spp.	0	0	0	0	200	0	0	0	0	200	0	0
<i>Dinophysis acuminata</i>	0	100	0	0	0	200	0	0	100	200	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	600	100	0	400	0	100	200	100	0	600	300	300
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	5.600	1.200	400	0	100	0	1.000	100	200	1.400	0	500
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. obtusum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	100	0	0	0	200	0	100	0	0	0	100
<i>Protoperidinium</i> spp.	100	100	0	0	0	200	200	100	0	300	100	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	200	400	0	0	0	200	100	0	0	0	100	100
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	200	200	400	100	300	0	0	200	400	200	100
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	1.800	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	6.200	13.500	9.000	23.900	49.400	22.100	15.700	78.600	13.400	72.900	53.400	17.100
TOTAL DINOFLAGELADOS	6.700	2.100	400	400	400	1.000	1.700	500	400	2.900	600	1.000
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	1.800	200	200	400	100	300	0	0	200	400	200	100
TOTAL	14.700	15.800	9.600	24.700	49.900	23.400	17.400	79.100	14.000	76.200	54.200	18.200

Anexo 64

Densidad de fitoplancton (cél·L⁻¹) en la región de Magallanes.

Crucero 3 (15 marzo- 1 abril 2009).

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	21-mar-09		21-mar-09		22-mar-09		22-mar-09		22-mar-09		22-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	800	200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	2.000	1.200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	3.200	0	0	0	0	0	4.600	1.800	0	0	200	0
<i>Chaetoceros debilis</i>	0	0	0	0	200	1.200	0	1.100	0	0	0	0
<i>Chaetoceros decipiens</i>	5.000	1.400	1.800	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	1.000	0	2.100	3.200	0	0	3.200	3.800	0	0	0	0
<i>Chaetoceros didymus</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	3.000	0	0	0	0	0	0	400	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	1.200	0	0	0	0	0
<i>Chaetoceros radicans</i>	17.300	9.800	0	0	0	0	2.200	1.600	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	600	2.500	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	600	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	400	200	600	0	0	400	200	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	1.800	0	1.900	1.200	0	600	700	800	0	0	0	0
<i>Coscinodiscus spp.</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	800	1.300	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	600	100	300	200	0	0	200	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	4.200	1.200	6.400	1.200	0	0	1.600	600	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	100	100	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	100	0	100	200
<i>Leptocylindrus minimus</i>	8.600	1.900	6.800	17.000	0	0	22.600	13.600	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Navicula spp.</i>	0	0	0	0	200	0	200	0	0	0	0	400
<i>Nitzschia spp.</i>	0	0	0	0	0	100	0	100	200	200	0	0
<i>Planktoniella sol</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	17.600	20.100	6.200	500	0	800	400	100	0	0	0	0
<i>Rhizosolenia pungens</i>	800	1.000	0	0	0	100	400	100	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	100	400	0	100	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	78.100	41.600	120.800	125.400	700	2.300	46.800	31.800	2.000	1.200	800	3.600
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	2.400	1.600	12.100	6.000	300	200	1.000	0	0	0	300	800
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	200	400	1.000	200	100	600	0	400	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	200	0	0	400	0	0	0	0	0	200

Anexo 64 (continuación)

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	21-mar-09		21-mar-09		22-mar-09		22-mar-09		22-mar-09		22-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	100	100	0	0	100	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	100	0	100	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	100	0	0	0	0	0	0	0	100	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperidinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	100	400	0	0	0	0	0	0	0	100	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	100	100	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	300	100	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	148.000	85.100	160.100	156.000	1.500	6.400	85.500	57.000	2.300	1.500	1.800	5.400
TOTAL DINOFLAGELADOS	200	500	100	0	100	200	0	200	100	200	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	100	100	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	300	100	0
TOTAL	148.200	85.600	160.200	156.000	1.700	6.700	85.500	57.200	2.400	2.000	1.900	5.400

Anexo 64 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Penguin		M10 S. Europa	
	22-mar-09		22-mar-09		22-mar-09		22-mar-09		22-mar-09		22-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	300	100
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	600	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	1.200	300
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	500	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	300	0	0	0	0	0	4.100	3.200	0	0
<i>Chaetoceros debilis</i>	0	0	0	200	0	0	0	0	0	1.200	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	400	0	1.000	400	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	3.000	1.300	0	0
<i>Chaetoceros didymus</i>	0	0	200	800	600	0	0	0	1.800	4.400	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	1.600	2.700	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	36.200	24.800	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	100	0	0	0	0	0	0	0	1.200	400	800	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	600	200	900	0	0	200	800	1.100	600	400	500	700
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	400	300	0	300	400	1.000	300	100
<i>Ditylum brightwellii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	100	300	0	0	0	0	1.200	500	800	2.000
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	400	600	2.600	1.500	0	400	600	0	14.800	21.100	600	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	2.000
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Planktoniella sol</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	200	800	0	0
<i>P. cf. pseudodelicatissima</i>	600	200	300	0	600	1.000	0	200	200	600	900	300
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	800	0	55.600	19.800	9.400	1.500	400	2.800	47.600	10.800	36.600	21.000
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	400	400	2.100	600	100	200	0	1.000	200	800	1.600
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	300	200	0	0	300	0	0	200	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	200	700	400	0	0	0	500	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	100	0	0	0	0	0	0	200	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	200	0	0	0	0	0	0	100	0	0	0	0

Anexo 64 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Penguin		M10 S. Europa	
	22-mar-09		22-mar-09		22-mar-09		22-mar-09		22-mar-09		22-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	100	100	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	100	0	0	0	0	0	0	0	200	100	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	300	600	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	100	100	0	0	0	0	400	100
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	100	0	0	200	0	100	100	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	100	100
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	200	100	200	200
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.700	1.500	60.800	25.100	12.300	3.900	2.800	5.100	115.100	75.100	42.800	28.300
TOTAL DINOFLAGELADOS	100	0	200	100	100	100	0	0	500	800	400	100
TOTAL SILICOFLAGELADOS	0	0	0	0	100	0	0	200	0	100	100	100
TOTAL OTROS	0	0	0	0	0	0	0	0	200	100	300	300
TOTAL	2.800	1.500	61.000	25.200	12.500	4.000	2.800	5.300	115.800	76.100	43.600	28.800

Anexo 64 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzi	
	23-mar-09		23-mar-09		23-mar-09		23-mar-09		23-mar-09		24-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	400	200	0	0	200	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	2.300	1.100	0	400	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	200	0	0	0	600	1.700	0	0
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	200	100	0	0	0	0	100	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.400	300	800	300	0	0	0	0	0	0	100	600
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	2.000	1.200	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	200	0	0	0	200	100	0	0	0	0
<i>Planktoniella sol</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	800	100	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	300	100	200	100	0	100	0	100
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	100	0	0	0	0	0	0	0	100	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	600	3.300	0	0	0	0	2.100	0	0	0	1.200	1.000
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	500	300	0	100	200	0	600	0	100	400	200	200
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	1.800	4.800	0	0
<i>Thalassiosira spp.</i>	100	100	0	0	0	0	100	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	100	100	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	100	0	700	0	0	0

Anexo 64 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzzi	
	23-mar-09		23-mar-09		23-mar-09		23-mar-09		23-mar-09		24-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	100	100	100	100	100	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	300	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	200	0	100	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	100	100	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	200	100	100	0	200	100	100	100	0	0	200	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	200	100	100	100	100	0	100	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	3.400	4.400	3.800	1.700	1.000	200	5.700	1.300	3.200	7.600	1.500	2.300
TOTAL DINOFLAGELADOS	100	100	400	100	200	300	0	0	100	100	0	0
TOTAL SILICOFLAGELADOS	200	100	100	0	200	100	100	100	0	0	200	0
TOTAL OTROS	200	100	100	100	100	0	100	0	0	0	0	0
TOTAL	3.900	4.700	4.400	1.900	1.500	600	5.900	1.400	3.300	7.700	1.700	2.300

Anexo 64 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	24-mar-09		24-mar-09		24-mar-09		24-mar-09		24-mar-09		24-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	300	100	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	1.400	600
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	4.800	6.200
<i>Chaetoceros decipiens</i>	300	200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	600	1.200	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	2.800	2.400
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	400	100	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	4.000	2.400
<i>Coscinodiscus spp.</i>	0	0	0	0	0	100	0	0	0	0	100	100
<i>Cylindrotheca closterium</i>	200	300	100	0	0	0	200	300	800	100	5.600	7.200
<i>Ditylum brightwellii</i>	0	0	0	0	0	100	0	0	0	0	100	100
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	100	200	0	0	700	2.000	0	200	600	800	1.500	2.800
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	1.600	400	0	0	0	0	4.500	9.900	25.400	36.600
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	200	400	0	0	0	100	0	0	0	100	0	0
<i>Planktoniella sol</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	300	1.800	3.900	6.200
<i>Rhizosolenia pungens</i>	0	0	200	100	0	0	0	0	13.400	5.200	11.800	34.600
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	1.000	5.400	800	600	0	0	1.900	4.200
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	600	100	300	200	300	400	1.100	9.500	13.700	22.200
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	600	0	0	1.200	4.800
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	20.400	15.500	36.600	43.800
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	100	0	0	400	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 64 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	24-mar-09		24-mar-09		24-mar-09		24-mar-09		24-mar-09		24-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	100	100	0	0	0	0	100	100	400	100	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	200	100	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	100	300	100	0	0	0	0	0	0	100	100
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	100	0	0	0	0	0	100
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperdinium pallidum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Protoperdinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Protoperdinium spp.</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Dinoflagelados indet.</i>	0	100	0	0	200	100	0	0	100	100	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	100	200	0	0	0	200	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	100	200	100	100	100	0	0	100	200	600	800
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	100
TOTAL DIATOMEAS	900	1.100	3.000	700	2.300	8.400	1.300	2.100	41.700	44.100	114.800	174.200
TOTAL DINOFLAGELADOS	100	300	300	100	200	300	100	100	900	400	100	200
TOTAL SILICOFLAGELADOS	0	0	100	100	200	0	0	0	200	0	0	0
TOTAL OTROS	0	100	200	100	100	100	0	0	100	200	600	900
TOTAL	1.000	1.500	3.600	1.000	2.800	8.800	1.400	2.200	42.900	44.700	115.500	175.300

Anexo 64 (continuación)

	M23 I. Ballesteros		M24 B. Fanny		M25 E. Silva Palma		M26 E. Wickham		M27 E. Sullivan		M28 E. Nuñez	
	24-mar-09		16-mar-09		16-mar-09		16-mar-09		16-mar-09		16-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	1.800	2.100	400	600	200	400
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	700	1.200	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	600	200	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	1.100	3.100	300	300	100	0	0	100	0	0	0	0
<i>Ditylum brightwellii</i>	200	100	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	300	1.100	400	700	0	0	0	0	0	0	100	400
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	2.500	3.300	400	1.000	0	2.200	1.600	1.200	1.000	2.100	400	200
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	200	400	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	100	0	100	0	100	300	0
<i>Planktoniella sol</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	100	100	0	0	200	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	300	200	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	1.200	400	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	3.600	2.700	900	1.400	600	0	0	0	200	400	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	500	100	100	200	100	0	0	0	0	0	400	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	200	100	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	100	0	200	0

Anexo 64 (continuación)

	M23 I. Ballesteros		M24 B. Fanny		M25 E. Silva Palma		M26 E. Wickham		M27 E. Sullivan		M28 E. Nuñez	
	24-mar-09		16-mar-09		16-mar-09		16-mar-09		16-mar-09		16-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	200	100	100	100	0	0	0	0	0	100	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	300	0	0	0	0	100	100	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	100	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	100	100	100	0	0	0	100	100	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	10.400	11.500	2.800	4.800	1.200	2.500	3.500	3.600	1.700	3.200	1.800	1.000
TOTAL DINOFLAGELADOS	200	100	100	400	0	0	0	0	100	300	0	0
TOTAL SILICOFLAGELADOS	0	100	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	100	100	100	0	0	0	100	100	0
TOTAL	10.600	11.700	2.900	5.300	1.300	2.600	3.500	3.600	1.800	3.600	1.900	1.000

Anexo 64 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	16-mar-09		15-mar-09		15-mar-09		15-mar-09		15-mar-09		15-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	400	0	0	0	0	0	0	200	0	0	300
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	2.100	1.500	0	0	900	400	1.300	2.000
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	100	0	0	0	0	100	0	100	0	100	200	400
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	6.400	2.900	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	200	300	0	0	0	0	0	0	0	0	300	600
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.500	300	0	0	500	2.000	0	0	400	0	1.200	1.600
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	100	0	0	0	0	0	0	100	100
<i>Nitzschia spp.</i>	100	0	100	0	0	0	0	0	0	100	0	0
<i>Planktoniella sol</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	200	100
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	200	600	0	0	0	0	0	0	0	600	0	0
<i>Surirella spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	200	0	0	0	0	0	300	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	200	600	0	0	600	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	300	500	0	800	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	100	0	0	100	0	100	0	0	200	100	0	100

Anexo 64 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	16-mar-09		15-mar-09		15-mar-09		15-mar-09		15-mar-09		15-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Ceratium pentagonum</i>	0	0	100	0	0	0	0	0	0	0	0	100
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	100	0	0	100	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	100	0	0	100	0	100	100
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.200	1.600	200	400	9.200	7.500	600	100	3.100	1.600	3.300	5.200
TOTAL DINOFLAGELADOS	100	100	100	100	0	0	0	0	0	100	0	100
TOTAL SILICOFLAGELADOS	0	0	0	0	0	100	0	0	100	0	100	100
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2.300	1.700	300	500	9.200	7.600	600	100	3.200	1.700	3.400	5.400

Anexo 64 (continuación)

	M35 Cabo Sn. Isidro		M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco		M39 Pto. Zenteno		M40 S. Ventisquero	
	15-mar-09		31-mar-09		31-mar-09		31-mar-09		1-abr-09		21-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	600	0
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	400	200	900	200	500	0	0	800	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	300	0
<i>Chaetoceros sp. 2</i>	400	1.600	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	1.500	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	200	0	300	1.000	0	0	0	0	0	0
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	200	300	200	0	100	0	100	300	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	400	200	0	1.000	0	0	500	2.900	1.000
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	100	100	0	0	100	300	200	0	0
<i>Planktoniella sol</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	100	0	100	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	100	0	200	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	1.100	3.600
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	200	200	100	100	0	400	100	0	400
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	100

Anexo 64 (continuación)

	M35 Cabo Sn. Isidro		M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco		M39 Pto. Zenteno		M40 S. Ventisquero	
	15-mar-09		31-mar-09		31-mar-09		31-mar-09		1-abr-09		21-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	100	100	0	0	0	0	0	200
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	100	0	0	0	0	0	100	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	100	0	0	0	0	0	0	0	100	200
TOTAL DIATOMEAS	400	1.600	800	1.200	2.000	1.400	3.400	200	800	2.000	4.900	5.600
TOTAL DINOFLAGELADOS	0	0	0	0	100	100	0	0	0	0	100	200
TOTAL SILICOFLAGELADOS	0	0	0	100	0	0	0	0	0	100	0	0
TOTAL OTROS	0	0	100	0	0	0	0	0	0	0	100	200
TOTAL	400	1.600	900	1.300	2.100	1.500	3.400	200	800	2.100	5.100	6.000

Anexo 64 (continuación)

	M41 V. España		M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	21-mar-09		21-mar-09		22-mar-09		22-mar-09		22-mar-09		22-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Bacillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	200	0	0	0	0	0	1.400	2.200	0	0	0	0
<i>Chaetoceros affinis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	1.000	400	0	0	0	0	8.800	11.000	0	0	1.100	600
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	14.600	9.800	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	400	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	700	200	0	0	0	500	100	3.000	0	400	0	0
<i>Coscinodiscus spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	100	400	0	0	0	0	0	0	200	0	0	100
<i>Guinardia delicatula</i>	1.200	0	700	0	0	0	3.600	15.000	0	400	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.200	200	600	400	0	0	2.100	4.800	400	2.200	200	1.500
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	200	0	0	0	100	100	0	0
<i>Nitzschia spp.</i>	0	0	0	0	100	0	0	0	0	0	0	100
<i>Planktoniella sol</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	300	100	300	0	0	0	400	1.600	0	200	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.000	0	1.200	400	0	600	1.800	3.800	0	1.500	600	1.400
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	400	200	0	0	0	0	0	200	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	600	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	300	100	0	0	0	600	0	200	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomeas pennadas indet.</i>	200	200	0	0	300	100	0	0	400	0	100	200

Anexo 64 (continuación)

	M41 V. España		M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	21-mar-09		21-mar-09		22-mar-09		22-mar-09		22-mar-09		22-mar-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	100	0	0	0	0	0	100	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	100	100	0	0	0	100	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	100	0	0	0	0	100	0	0	0	100	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	300	100	0	0	0	100	0	400	600	0	0
TOTAL DIATOMEAS	6.300	1.700	3.100	1.300	600	1.200	33.400	52.000	1.100	5.000	2.000	4.000
TOTAL DINOFLAGELADOS	100	0	0	0	0	100	200	0	0	100	100	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	400	100	0	0	0	200	0	400	600	100	0
TOTAL	6.400	2.100	3.200	1.300	600	1.300	33.800	52.000	1.500	5.700	2.200	4.000

Anexo 65
Densidad de fitoplancton (cél·L⁻¹) en la región de Magallanes.
Crucero 4 (23 abril- 12 mayo 2009).

	M04 C. Adalberto 1-may-09		M05 B. Liberta 1-may-09		M06 Pto. Edén 1-may-09		M01N I. Morton 1-may-09		M02N I. Carlos 1-may-09		M03N A. Hamond 1-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	3.200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	1.300	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	1.100	0	0	0	0	0	0	0	0	1.300	200
<i>Chaetoceros diadema</i>	800	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	1.100	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	500	1.300	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	500	600	700	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	600	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	300	0	1.100	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	100	0	100	0	100	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	600	0	200	0	0	200	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	4.100	600	2.600	700	0	1.300	0	1.800	0	2.200	0
<i>Leptocylindrus minimus</i>	13.500	6.700	22.000	47.200	400	0	1.700	0	1.000	0	5.200	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	100	0	0	100	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	2.300	0	0	200	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	500	800	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	1.500	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	16.600	61.200	17.600	104.600	1.500	300	1.900	400	1.900	900	0	200
<i>Thalassiosira cf. delicatula</i>	0	0	0	1.000	500	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Thalassiothrix spp.</i>	0	6.500	0	7.500	0	0	0	0	300	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium pellucidum</i>	0	0	0	100	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	200	0	100	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	33.200	83.800	42.900	169.400	5.200	500	5.100	400	5.300	900	8.700	400
TOTAL DINOFLAGELADOS	0	0	0	100	0	0	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	200	0	100	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	33.200	83.800	42.900	169.500	5.200	500	5.300	400	5.400	900	8.700	400

Anexo 65 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Penguin		M10 S. Europa	
	1-may-09		2-may-08		2-may-09		2-may-09		30-abr-09		30-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	900	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	1.200	0	0	0	0	0	1.200	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	600	0	0	1.200	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	1.900	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	300	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Grammatophora marina</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	6.000	0	4.600	2.700	300	0	300	1.300	0	300	1.500	0
<i>Leptocylindrus minimus</i>	4.200	0	6.400	2.300	1.400	2.100	1.000	1.600	7.300	900	9.100	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	300	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	800	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	800	200	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Skeletonema costatum</i>	1.700	0	0	3.100	0	1.800	600	5.300	0	0	18.400	2.600
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	3.300	500	5.500	3.200	1.700	2.400	1.400	3.500	300	700	2.400	1.000
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	100	0	0	100	0	0	0	0	0
<i>Thalassiothrix spp.</i>	100	0	700	0	200	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	300	100	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	100	0	0	100	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	17.100	500	18.400	12.900	3.600	6.700	4.600	12.800	8.800	2.300	33.400	3.800
TOTAL DINOFLAGELADOS	100	0	0	0	300	100	0	0	0	0	0	100
TOTAL SILICOFLAGELADOS	0	0	100	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	100	0	0	100	0	0	0	0	0	0	0
TOTAL	17.200	600	18.500	12.900	4.000	6.800	4.600	12.800	8.800	2.300	33.400	3.900

Anexo 65 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzi	
	30-abr-09		30-abr-09		29-abr-09		29-abr-09		29-abr-09		29-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	1.800	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	600	0	0	700	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	1.300	0	0	0	0	0	900	0	0	200	0	200
<i>Chaetoceros radicans</i>	3.000	1.400	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	300	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	400	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	300
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	300	200	0	1.200	400	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	1.300	0	0	0	0	1.100	1.400	0	0	0	0
<i>Leptocylindrus minimus</i>	900	900	0	0	3.900	0	3.600	3.100	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	100	0	0	0	100	100	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	200	0	200	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	1.800	3.200	300	0	9.100	1.000	8.200	9.200	0	0	0	400
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	500	3.800	200	500	200	0	0	700	500	2.100	800	300
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	200	0	0	0	0	0	0	0	0	100	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	900	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	200	0	0	0	0	0	0	100
TOTAL DIATOMEAS	7.600	11.200	500	1.000	14.100	1.300	16.900	15.700	500	2.600	1.700	1.300
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	0	0	200	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	200	0	0	900	0	0	0	100
TOTAL	7.600	11.200	500	1.000	14.300	1.300	16.900	16.600	700	2.600	1.700	1.400

Anexo 65 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	3-may-09		3-may-09		23-abr-09		23-abr-09		24-abr-09		24-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	800	900	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	600	300	200	500	200	300	1.000	600
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Fragilaria spp.</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	200	0	0	0	200	0	0	0	0	0	0
<i>Guinardia delicatula</i>	300	0	0	100	1.400	0	0	0	0	1.600	1.600	600
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	300	0	5.400	0	1.400	300	0	1.100	1.800	34.600	2.300	0
<i>Leptocylindrus minimus</i>	1.100	2.900	23.200	1.900	157.000	179.400	8.400	100.600	387.400	317.800	119.800	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	600	0	300	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	500	0	1.400	400	0	400	500	0	1.800	700
<i>Rhizosolenia hebetata</i>	0	0	200	0	0	0	100	0	0	0	0	200
<i>Rhizosolenia pungens</i>	0	0	300	0	0	0	0	100	0	500	100	0
<i>Rhizosolenia setigera</i>	0	0	0	0	100	0	0	100	100	0	0	0
<i>Skeletonema costatum</i>	0	0	17.000	0	0	0	300	0	0	0	2.300	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Thalassionema nitzschoides</i>	100	800	9.800	100	12.400	2.800	4.100	1.100	18.200	2.700	31.000	9.500
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	400	0	0	1.000	600	1.800	300
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	1.900	2.400	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	100	0	0	700	0	0	0	100	600	1.400	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	300	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	100	0	0	200	100	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	100	100	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	100	0	0	0	0	0	0	0	0	200	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	400	0	0	0	0	0	0	0	700	0
<i>Oxytoxum scolopax</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	100	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	100	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	100	0	0	0	0	0	0	0	0	100	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.800	4.400	57.000	2.100	175.400	183.800	13.100	104.300	411.200	362.000	164.000	11.900
TOTAL DINOFLAGELADOS	100	200	700	0	300	100	100	0	0	200	700	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	100	0	0	0	0	0	0
TOTAL OTROS	0	100	0	0	0	0	0	100	0	0	100	0
TOTAL	1.900	4.700	57.700	2.100	175.700	184.000	13.200	104.400	411.200	362.200	164.800	11.900

Anexo 65 (continuación)

	M23 I. Ballesteros		M24 B. Fanny		M25 E. Silva Palma		M26 E. Wickham		M27 E. Sullivan		M28 E. Nuñez	
	24-abr-09		24-abr-09		25-abr-09		25-abr-09		24-abr-09		24-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	1.700	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	300	100	0	0	0	0	0	0	0	0	0	200
<i>Detonula pumila</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	1.200	0	200	1.200	0	700	0	100	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	1.300	200	0	0	0	400	0	0	0	0
<i>Leptocylindrus minimus</i>	0	2.400	0	0	0	400	0	500	0	0	0	0
<i>Licmophora abbreviata</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	100	0	100	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	1.300	0	0	0	0	0	0	200	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	0	0	0	0	0	0	100	0	0	0	0
<i>Skeletonema costatum</i>	800	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	200	0	0	0	400	0	0	0	700	0	0
<i>Thalassiosira cf. delicatula</i>	2.300	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	1.700	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	700	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	100	0	0	100	0	0	0	0	0	100	0	0
<i>Ceratium pentagonum</i>	0	0	100	0	0	0	100	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	700	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	100	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	10.400	2.800	1.500	1.700	100	1.600	0	1.300	0	900	100	200
TOTAL DINOFLAGELADOS	900	0	100	100	0	0	100	0	0	100	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	100	0	0	0	0	0	0	0	0	0
TOTAL	11.300	2.800	1.700	1.800	100	1.600	100	1.300	0	1.000	100	200

Anexo 65 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	24-abr-09		24-abr-09		24-abr-09		23-abr-09		23-abr-09		23-abr-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	400	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	200	0	0	0	0	0	0	0	100	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	600	1.000	0	0	0	0	500	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	200	0	0	0	0	1.300	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	2.400	0	0	0	0	0	1.700	300	400	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	200	0	0	0	0	0	0	0	0	0	0	100
<i>Nitzschia spp.</i>	100	0	0	0	300	0	0	100	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	300	100	0	0	0	0	0	0	0	500	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	200	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	300	0	0	0	0	200	0	0	0	100	0
<i>Ceratium pentagonum</i>	0	100	0	0	0	0	0	100	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	200	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	100	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	200	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.100	4.600	100	0	300	100	1.800	2.000	400	400	700	200
TOTAL DINOFLAGELADOS	0	400	0	0	0	0	200	100	0	0	100	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	100	200	0	0	0	0	0	200	0	0	0
TOTAL	1.100	5.100	300	0	300	100	2.000	2.100	600	400	800	200

Anexo 65 (continuación)

	M35 Cabo Sn. Isidro		M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco		M39 Pto. Zenteno		M40 S. Ventisquero	
	23-abr-09		11-may-09		11-may-09		12-may-09		12-may-09		9-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	100	0	100	0	0	100	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	300	0	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	300	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Licmophora spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	1.600	700	400	1.100	300	1.300	1.200	1.400	0	0
<i>Nitzschia spp.</i>	100	200	400	200	500	600	500	500	100	0	0	100
<i>Pleurosigma directum</i>	0	0	100	0	0	0	0	0	100	200	100	0
<i>Pleurosigma normanii</i>	0	0	800	100	300	0	0	500	0	500	0	100
<i>Pleurosigma spp.</i>	0	0	0	0	0	500	100	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	300	0	200	500	200	200	300	400	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	700
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	100	100	0	500	200	100	0	500	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL DIATOMEAS	100	200	3.300	1.600	1.400	3.400	1.300	3.100	1.800	3.100	100	900
TOTAL DINOFLAGELADOS	0	0	200	0	0	0	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL	100	200	3.500	1.600	1.400	3.400	1.300	3.100	1.900	3.100	100	900

Anexo 65 (continuación)

	M41 V. España		M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	9-may-09		10-may-09		10-may-09		11-may-09		11-may-09		12-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	900	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	300	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	200	0	0	900	0	0	0	0	0	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora spp.</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Melosira moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	100	100	0	200	0	0	200
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	1.600	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	0	0	0	0	500
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	100	0	0	0	300	200
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuta</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium spp.</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Gyrodinium lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum scolopax</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	100	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	100	0	0	0	0
TOTAL DIATOMEAS	0	200	200	0	1.200	100	2.000	900	200	100	400	900
TOTAL DINOFLAGELADOS	0	0	0	100	0	0	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	100	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	100	0	0	0	0
TOTAL	0	200	200	100	1.200	100	2.000	1.100	200	100	400	900

Anexo 66
Densidad de fitoplancton (cél·L⁻¹) en la región de Magallanes.
Crucero 5 (28 mayo -19 junio 2009)

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	31-may-09		31-may-09		31-may-09		31-may-09		31-may-09		31-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.300	0	0	0	3.100	0	500	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	300	200	200	0	200	0	200	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	400	0	0	0	100	0	900	200
<i>Pleurosigma directum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	600	0	1.300	0	300	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	300	100	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	100	0	0	0	700	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	100	200	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	2.100	600	5.200	1.900	3.400	600	200	0	0	500	200	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	1.900	0	500	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	100	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	3.500	600	6.100	2.000	9.400	900	1.300	200	300	700	1.300	200
TOTAL DINOFLAGELADOS	1.900	0	500	0	100	0	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	100	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	5.400	600	6.600	2.000	9.500	1.000	1.300	200	300	700	1.300	200

Anexo 66 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Penguin		M10 S. Europa	
	31-may-09		30-may-09		30-may-09		30-may-09		1-jun-09		1-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	200	700	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	300	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	200	0	0	0	0	100	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	1.000	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	600	0	3.200	0
<i>Navicula spp.</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Nitzschia spp.</i>	300	0	0	0	0	100	200	100	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	100	200	0	0	0	100	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	1.700	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	200	0	0	200	0	0	0	400	0
<i>Pseudo-nitzschia cf. pungens</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	1.200	0	1.500	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	900	1.300	100	300	400	400	400	0	2.900	300	300	300
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.400	2.300	200	700	400	600	800	300	7.400	300	5.400	300
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2.400	2.300	200	700	400	600	800	300	7.400	300	5.400	300

Anexo 66 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzini	
	1-jun-09		1-jun-09		1-jun-09		1-jun-09		29-may-09		29-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Cerataulina pelagica</i>	0	300	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Gyrodinium aureolum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.100	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	200	300	0	0	100	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	100	200	0	0	0	100	500
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Thalassionema nitzschoides</i>	600	400	500	400	400	0	600	500	300	200	500	300
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	200
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	100	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.800	700	800	500	400	100	1.100	800	300	200	800	1.200
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	100	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.800	700	800	500	400	100	1.100	800	300	200	900	1.200

Anexo 66 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	2-jun-09		2-jun-09		2-jun-09		2-jun-09		2-jun-09		2-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	800	0	0	0	300
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	600	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	500	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	300	0	0	0	0	0	0	0	100	0	200	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	100	0	0	0	0	300	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	300	600	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	300	300	0	400	300	0	0	1.100	0	0	400
<i>Navicula spp.</i>	0	0	0	0	0	200	0	200	0	0	100	200
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	100	0	0	100	0	200	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	100	100	100	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	200	0	0	0	200	0	0	0	500	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	300	300	100	500	600	400	300	0	800	600	300	900
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	200	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	100	0	0	200	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	100	0	0	100	0	0	0	0	0	0	100	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.700	900	600	800	1.400	2.000	300	1.900	2.200	1.100	600	1.800
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	100	0	0	200	0	0	0	0	0	0	0	0
TOTAL OTROS	100	0	0	100	0	0	0	0	0	0	100	0
TOTAL	1.900	900	600	1.100	1.400	2.000	300	1.900	2.200	1.100	700	1.800

Anexo 66 (continuación)

	M23 I. Ballesteros		M24 B. Fanny		M25 E. Silva Palma		M26 E. Wickham		M27 E. Sullivan		M28 E. Nuñez	
	2-jun-09		30-may-09		30-may-09		30-may-09		29-may-09		29-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	100	300	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	200	400	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	400	0	800	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	600	0	0	0	0	700	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	300	0	0	0	0	0	0	0	0	0	800
<i>Navicula spp.</i>	100	0	100	0	0	0	0	0	300	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	900	0	0	0	0	0	0	0	0	0	0	1.300
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	500	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	400	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	500	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	2.200	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	100	0	100	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	100	0	0	100	0	0	0	0	0	100
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	100	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.200	2.200	100	400	0	3.600	700	100	800	100	0	2.200
TOTAL DINOFLAGELADOS	0	0	0	0	0	100	0	100	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	100	0	0	100	0	0	0	0	0	100
TOTAL OTROS	0	0	0	0	0	0	0	0	0	100	0	0
TOTAL	1.200	2.200	200	400	0	3.800	700	200	800	200	0	2.300

Anexo 66 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	29-may-09		29-may-09		29-may-09		29-may-09		28-may-09		28-may-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	100	200	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	100	0	0	0	0	200
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	600	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	300	0	0
<i>Navicula spp.</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	1.200	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	200	0	0	0	0	0	0	0	300	300
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	100	0	0	200	0	0	300	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	100	600	200	200	200	100	500	100	0	300	1.600	500
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	100	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	100	600	200	200	200	100	600	100	0	300	1.600	500

Anexo 66 (continuación)

	M35 Cabo Sn. Isidro		M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco		M39 Pto. Zenteno		M40 S. Ventisquero	
	31-may-09		19-jun-09		19-jun-09		18-jun-09		18-jun-09		9-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	100	0	0	100	0	0	0	0	200	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	100	100	0	100	300	0	100	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	400	0	400	0	100	0	300	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	100	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	100	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	100	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	100	500	100	500	100	300	200	500	300	0	300	0
TOTAL DINOFLAGELADOS	0	0	0	100	0	0	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	100	0	0	0	0
TOTAL OTROS	0	0	0	100	0	100	0	0	0	0	0	0
TOTAL	100	500	100	700	100	400	200	600	300	0	300	0

Anexo 66 (continuación)

	M41 V. España		M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	9-jun-09		10-jun-09		10-jun-09		10-jun-09		11-jun-09		11-jun-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	700	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	100	0	100	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	300	300	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	100	0	0	100	0	100	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema arcuatum</i>	0	0	0	0	1.600	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Surirella spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	200	300	100	0	0	0	0	200	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	200	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	100	0	100	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	100	0	0	0
TOTAL DIATOMEAS	200	600	1.700	0	1.800	100	100	300	100	0	100	0
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	200	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	100	0	100	0	0	100	0	0	0
TOTAL	200	600	1.900	100	1.800	200	100	300	200	0	100	0

Anexo 67

Densidad de fitoplancton (cél·L⁻¹) en la región de Magallanes.

Crucero 6 (22 julio -13 agosto 2009).

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	1-ago-09		1-ago-09		31-jul-09		1-ago-09		1-ago-09		31-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	400	0	0	0	0	800	0	0	0	300
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	900	0	0	0	0	800
<i>Chaetoceros decipiens</i>	1.200	600	1.700	0	900	0	2.300	0	400	0	700	0
<i>Chaetoceros didymus</i>	2.300	1.100	2.400	0	600	3.400	700	600	900	900	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	1.100	0	400	0	300	0	600	800	0	800	0	0
<i>Chaetoceros socialis</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	800	0	900	600	600	1.100	900	300	500	0	700	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	400	0	0	0	100	0	0	0	0
<i>Ditylum brightwellii</i>	100	0	300	0	0	0	600	0	0	100	0	0
<i>Grammatophora marina</i>	200	0	0	0	0	300	600	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	1.500	800	3.700	2.300	500	800	1.100	0	1.700	600	2.300	800
<i>Leptocylindrus minimus</i>	1.200	0	500	700	1.000	0	0	600	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	500	0	0	900	0	0	1.100	0	0	6.700	0	900
<i>P. cf. pseudodelicatissima</i>	0	200	700	0	200	600	900	800	1.100	0	200	0
<i>Skeletonema costatum</i>	200	900	0	0	0	500	0	700	0	100	0	1.600
<i>Thalassionema nitzschoides</i>	1.800	600	2.200	1.700	1.100	200	200	100	0	500	1.000	1.300
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	200	0	0	0	0	0	0	200	0	300	100
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	0	300	0	0	0	0	0	0	0	0
<i>Dinophysis tripos</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Gonyaulax spp.</i>	0	200	0	0	0	0	0	0	0	0	200	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	200	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	100	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	11.300	4.200	13.200	6.600	5.200	6.900	9.900	4.800	4.600	9.700	4.900	5.700
TOTAL DINOFLAGELADOS	200	700	0	300	0	0	0	0	200	100	500	100
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	100	0	0	0	0	0	0	0	0	0	0
TOTAL	11.500	5.000	13.200	6.900	5.200	6.900	9.900	4.800	4.800	9.800	5.400	5.800

Anexo 67 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Penguin		M10 S. Europa	
	31-jul-09		31-jul-09		31-jul-09		31-jul-09		31-jul-09		31-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	400	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	200	0	0	1.200	900	2.600	4.500	500	0	0	300
<i>Chaetoceros didymus</i>	0	1.100	0	400	0	200	800	0	0	900	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	500	400	0	0	2.300
<i>Chaetoceros radicans</i>	0	0	400	0	0	1.200	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	100	0	200	0
<i>Ditylum brightwellii</i>	100	300	0	0	400	200	200	0	0	700	1.500	800
<i>Grammatophora marina</i>	400	0	0	0	0	0	0	0	0	200	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	400	1.600	0	0	300	0	3.700	800	900	4.300	200	0
<i>Leptocylindrus minimus</i>	800	0	0	0	0	0	600	200	2.700	0	0	900
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	600	0	0	0	900	1.200	0	0
<i>P. cf. pseudodelicatissima</i>	0	400	0	0	7.100	0	100	900	800	0	1.600	0
<i>Skeletonema costatum</i>	0	0	200	700	200	0	0	1.100	0	0	0	500
<i>Thalassionema nitzschoides</i>	0	1.100	900	0	800	0	600	0	0	1.100	300	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Dinophysis tripos</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	200	400	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.700	4.700	1.500	1.100	11.400	2.900	8.600	8.000	6.300	8.400	3.800	4.800
TOTAL DINOFLAGELADOS	0	0	200	200	0	200	600	100	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.700	4.700	1.700	1.300	11.400	3.100	9.200	8.100	6.300	8.400	3.800	4.800

Anexo 67 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzi	
	31-jul-09		30-jul-09		30-jul-09		30-jul-09		30-jul-09		30-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	200	0	0	0	0	0	0	0	0	0	500	0
<i>Chaetoceros decipiens</i>	0	500	0	0	0	0	300	0	2.200	600	0	0
<i>Chaetoceros didymus</i>	400	0	0	0	900	0	1.100	0	0	0	500	0
<i>Chaetoceros laciniosus</i>	1.100	900	300	2.300	900	0	400	0	900	0	1.200	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	800	0	0	0	600	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	2.300	1.100	0	0	600	0	0	0	0	100	300	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	200	0	0	0	200	0	0	400	0	1.100	0
<i>Leptocylindrus minimus</i>	1.100	0	1.100	0	800	0	0	0	0	0	700	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	200	0	0	0	0	200	0	0	0	0
<i>Pleurosigma normanii</i>	300	0	400	500	0	500	700	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	1.700	900	2.300	3.400	1.700
<i>Thalassionema nitzschoides</i>	0	0	500	0	1.400	0	1.100	700	900	1.400	1.500	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	100	0	0
<i>Ceratium pentagonum</i>	0	0	0	300	200	0	100	0	0	100	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	200	400
<i>Dinophysis tripos</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	0	0	500	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	100	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	5.400	2.700	2.500	2.800	4.600	1.500	3.600	2.600	5.300	5.000	9.200	1.700
TOTAL DINOFLAGELADOS	0	0	100	300	300	0	100	500	0	400	200	400
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	5.400	2.700	2.600	3.100	4.900	1.500	3.700	3.100	5.300	5.400	9.400	2.100

Anexo 67 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	3-ago-09		3-ago-09		3-ago-09		3-ago-09		3-ago-09		3-ago-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	700	0	200	1.100	900	500	400	1.100	200	800	0	0
<i>Chaetoceros decipiens</i>	0	600	0	0	900	0	500	0	0	400	0	200
<i>Chaetoceros didymus</i>	700	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	4.400	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	700	0	900	0	0	500	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	200	0	0	0	700	0	0	200
<i>Ditylum brightwellii</i>	500	0	700	0	0	800	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	1.100	0	0	0	600	0	400	0	1.200	0	0
<i>Leptocylindrus minimus</i>	0	0	600	0	0	0	0	0	0	500	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	400	700	0	900	200	0	0	300	0	200	1.000	0
<i>Pleurosigma normanii</i>	800	300	1.100	900	0	0	200	800	1.300	0	2.000	1.300
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	500	700	900	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	200	0	0	0	500	0	900	0
<i>Skeletonema costatum</i>	5.600	0	0	0	1.100	0	0	1.100	0	0	500	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	1.100	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	200	0	0	0	200	0	300	0	200	100
<i>Ceratium pentagonum</i>	100	0	400	0	0	0	0	0	300	0	0	0
<i>Dinophysis acuminata</i>	200	100	0	300	0	200	200	0	400	0	0	0
<i>Dinophysis tripos</i>	0	200	0	0	0	0	100	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	9.400	2.700	3.900	2.900	7.900	3.500	1.100	4.200	3.400	4.000	4.400	1.700
TOTAL DINOFLAGELADOS	300	300	600	300	0	200	600	0	1.000	0	200	100
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	9.700	3.000	4.500	3.200	7.900	3.700	1.700	4.200	4.400	4.000	4.600	1.800

Anexo 67 (continuación)

	M23		M24		M25		M26		M27	M28		M29
	I. Ballesteros		B. Fanny		E. Silva Palma		E. Wickham		E. Sullivan	E. Nuñez		Cutter Cove
	4-ago-09		30-jul-09		30-jul-09		30-jul-09		30-jul-09	30-jul-09		30-jul-09
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	800	100	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	500	700	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	200	0	0	300	300	0	200	0	300
<i>Leptocylindrus danicus</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	1.100	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	700	0	800	0	300	0	0	0	0	0	800	0
<i>Skeletonema costatum</i>	1.500	0	0	0	0	0	0	0	0	300	0	600
<i>Thalassionema nitzschioides</i>	1.500	900	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	200	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	300	0	0	100	0	0	100	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	6.100	1.000	1.300	900	300	0	300	300	100	500	800	900
TOTAL DINOFLAGELADOS	0	0	300	0	0	300	0	0	100	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	6.100	1.000	1.600	900	300	300	300	300	200	500	800	900

Anexo 67 (continuación)

	M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro		M35 Cabo Sn. Isidro	
	29-jul-09		29-jul-09		29-jul-09		29-jul-09		29-jul-09		31-jul-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros</i> sp. 2	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	200	0	0	0	200	0	0	0	0	300	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	200	0	200	300	0	0	0	0	200	0	400	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia</i> cf. <i>australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	400	0	300	0
<i>Skeletonema costatum</i>	600	1.600	0	700	0	400	0	200	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	500	0	0	0	0	600	200	1.200	300	200	0	600
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira</i> spp.	0	0	0	0	0	0	300	200	0	0	500	0
DINOFLAGELADOS												
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos</i> spp.	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.500	1.600	200	1.000	200	1.000	500	1.600	900	500	1.200	600
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	100	100	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.500	1.600	200	1.000	200	1.000	600	1.700	900	500	1.200	600

Anexo 67 (continuación)

	M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco	M39 Pto. Zenteno		M40 S. Ventisquero		M41 V. España	
	22-jul-09		22-jul-09		23-jul-09	23-jul-09		11-ago-09		11-ago-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS											
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	300	0	200
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	200	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	200	700	300	900
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	700	0	0	1.100
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	400	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	200	0	0	700	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	0	0	0	0	0	0	0	200	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	600	0	0	0	700	0	500	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	300	0	600	700
<i>Thalassiosira anguste-lineata</i>	800	0	0	200	0	200	0	0	0	0	200
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	600	0	0
<i>Thalassiosira spp.</i>	700	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS											
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis tripos</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS											
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	100	0	0
ZOOMASTIGOFOROS											
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	100	0	200
CILIADOS											
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.500	200	1.000	200	700	200	700	1.600	2.100	900	3.100
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	100	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	100	0	200
TOTAL	1.500	200	1.000	200	700	200	700	1.600	2.300	900	3.300

Anexo 67 (continuación)

	M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	11-ago-09		12-ago-09		12-ago-09		12-ago-09		13-ago-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS										
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	600
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	300	0	0	0	0	200	0	0	0
<i>Chaetoceros laciniosus</i>	600	0	0	0	700	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	600	0	0	400	700	800	0	0	600	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	800	0	0	0	0	900	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	100	0	0	0
<i>Cylindrotheca closterium</i>	200	0	0	0	0	0	100	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	600	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia longissima</i>	100	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	200	0	0
<i>Pleurosigma normanii</i>	0	100	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	700	400	0	0	0	0	0	200	0	0
<i>Thalassionema nitzschoides</i>	0	0	1.100	0	0	800	500	0	900	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	700	0	800	0	200	700	0	500	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS										
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	200	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis tripos</i>	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS										
<i>Dictyocha speculum</i>	0	0	0	0	0	0	100	0	0	0
ZOOMASTIGOFOROS										
<i>Ebria tripartita</i>	0	0	300	0	0	0	0	0	0	0
CILIADOS										
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.900	1.600	1.900	400	2.200	2.300	1.800	900	1.500	600
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	0	0	200	0
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	100	0	0	0
TOTAL OTROS	0	0	300	0	0	0	0	0	0	0
TOTAL	2.900	1.600	2.200	400	2.200	2.300	1.900	900	1.700	600

Anexo 68
Densidad de fitoplancton (cél·L⁻¹) en la región de Magallanes.
Crucero 7 (2 -13 septiembre 2009).

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	5-sep-09		5-sep-09		4-sep-09		4-sep-09		4-sep-09		4-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	16.700	45.200	12.200	0	434.100	0	16.700	0	89.300	17.800	256.900	87.200
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	16.700	0	7.800	0	0	0	1.200	0	0	0	18.300	0
<i>Chaetoceros decipiens</i>	23.400	15.600	0	0	6.700	5.900	6.800	89.300	16.800	13.700	7.800	9.000
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	4.500	3.700	16.700	7.800	0
<i>Chaetoceros didymus</i>	0	16.700	46.700	12.400	7.800	2.400	18.900	7.800	134.200	15.700	8.900	19.300
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	24.500	78.900
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	13.400	1.200	7.800	5.600	5.100	6.800	7.700	1.300	7.800	0	5.200	7.800
<i>Chaetoceros socialis</i>	78.200	62.300	167.200	77.500	2.600	7.800	89.100	9.100	16.200	82.100	17.800	9.200
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	11.200	0	0	0	0	0	0	234.100	34.500	23.500	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	1.200	5.400	18.800	2.300	6.900	0	3.400	0	1.100	2.900
<i>Coscinodiscus janischii</i>	1.200	0	1.100	0	0	0	0	0	0	2.200	6.600	200
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	5.800	0	0	0	4.500	300	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	1.200	0	0	7.700	3.400	0	2.900	200	800	0	1.100	0
<i>Guinardia delicatula</i>	1.200	0	0	6.700	0	14.500	89.100	23.100	16.700	0	98.300	8.200
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	56.200	62.300	67.200	193.200	6.700	3.400	18.900	7.800	7.800	12.300	0	25.600
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	3.400	0	5.600	1.500	72.300	82.100	26.100	0	17.200	89.200	93.000	17.200
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma intermedium</i>	2.300	0	4.500	1.200	6.800	800	9.000	2.100	8.900	1.600	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	16.700	0	14.800	9.000	12.300	4.500	11.100	7.200	98.300	1.200	7.200	8.100
<i>P. cf. pseudodelicatissima</i>	0	5.000	21.100	7.800	1.200	0	1.200	200	0	0	17.200	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	1.500	1.100	3.100	2.100	3.200	500	0	1.100	200	1.300	7.100	2.300
<i>Rhizosolenia setigera</i>	3.400	5.600	0	1.200	0	0	2.700	0	0	8.900	900	0
<i>Skeletonema costatum</i>	6.600	2.100	5.200	0	1.200	14.500	9.000	5.700	15.400	2.100	12.600	6.700
<i>Stephanopyxis turris</i>	45.200	2.600	78.900	3.400	9.900	4.500	2.200	0	99.300	25.100	17.200	0
<i>Thalassionema nitzschoides</i>	12.300	1.200	0	2.300	6.700	0	4.300	0	1.100	0	6.700	900
<i>Thalassiosira anguste-lineata</i>	67.200	0	25.600	0	57.800	0	36.700	0	67.800	0	21.300	63.100
<i>Thalassiosira minuscula</i>	258.200	34.100	177.200	0	78.200	0	188.200	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	2.500	1.100	5.600	2.800	9.000	1.200	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	1.100	0	500	0	800	200	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protopendinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	200	200	500	400	200	100	500	0	700	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	630.800	266.200	647.200	337.000	739.300	150.300	548.700	159.400	839.000	324.400	661.000	346.600
TOTAL DINOFLAGELADOS	3.600	1.100	6.100	2.800	9.800	1.400	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	200	200	500	400	200	100	500	0	700	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	634.600	267.500	653.800	340.200	749.300	151.800	549.200	159.400	839.700	324.400	661.000	346.600

Anexo 68 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Penguin		M10 S. Europa	
	4-sep-09		4-sep-09		4-sep-09		4-sep-09		3-sep-09		3-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	177.300	67.200	5.500	0	15.500	2.100	25.200	0	129.900	23.000	190.300	19.900
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	16.700	3.200	9.800	6.700	8.200	6.600
<i>Chaetoceros debilis</i>	0	0	178.200	78.200	563.200	89.300	983.100	28.000	345.300	12.600	266.600	163.200
<i>Chaetoceros decipiens</i>	16.200	3.400	17.900	2.500	46.600	133.100	23.500	145.600	14.500	16.200	113.800	67.200
<i>Chaetoceros diadema</i>	5.100	0	2.700	0	2.300	2.800	6.900	9.200	2.900	4.500	34.500	67.400
<i>Chaetoceros didymus</i>	28.900	29.000	5.600	8.900	267.200	11.200	221.100	78.300	89.300	28.900	342.100	278.100
<i>Chaetoceros lorenzianus</i>	25.200	27.100	89.200	73.200	90.200	12.900	89.200	28.700	9.100	893.200	93.400	17.300
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	1.200	2.300	1.200	12.500	0	0	0	9.200	0	0	12.900	62.300
<i>Chaetoceros socialis</i>	167.200	98.200	89.200	25.600	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	567.800	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	400	0	0	0	0	1.200	0	0	0	0
<i>Coscinodiscus janischii</i>	0	2.400	100	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	5.500	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	9.200	200	1.100	0	23.100	2.100	83.600	43.200	27.900	12.000	73.200	9.100
<i>Guinardia delicatula</i>	89.400	17.200	28.100	72.300	893.200	123.400	28.300	12.300	0	45.600	89.300	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	1.200	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	167.200	78.200	87.200	56.200	178.200	263.100	255.100	0	45.200	0	0	98.300
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma intermedium</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	21.500	12.900	672.100	56.200	237.800	67.200	562.300	178.900	167.200	48.900	16.300	211.100
<i>P. cf. pseudodelicatissima</i>	16.700	0	8.100	2.900	167.100	68.700	345.200	78.200	128.900	16.500	278.000	34.500
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	7.800	1.200	1.400	6.600	2.100	0	400	1.100	2.300	0	2.100	0
<i>Rhizosolenia setigera</i>	600	0	3.400	0	0	0	0	0	4.500	0	600	0
<i>Skeletonema costatum</i>	2.300	8.300	4.500	1.200	78.200	67.200	123.200	32.100	22.500	13.200	26.700	18.700
<i>Stephanopyxis turris</i>	93.200	27.800	189.200	89.200	178.200	3.400	8.900	1.200	78.100	2.300	89.200	18.900
<i>Thalassionema nitzschoides</i>	400	0	24.500	0	78.300	24.300	16.700	2.700	671.200	2.500	21.300	15.600
<i>Thalassiosira anguste-lineata</i>	16.500	0	61.200	7.800	14.500	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	132.100	0	0	0	0	0	0	0	256.200	16.700
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	1.600	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	13.000	4.500
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	900	0	700	0	300	200	800	0	700	0	200	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	852.600	375.600	1.602.900	493.300	3.403.500	870.800	2.789.400	653.100	1.748.600	1.126.100	1.914.700	1.104.900
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	14.600	4.500
TOTAL SILICOFAGELADOS	900	0	700	0	300	200	800	0	700	0	200	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	853.500	375.600	1.603.600	493.300	3.403.800	871.000	2.790.200	653.100	1.749.300	1.126.100	1.929.500	1.109.400

Anexo 68 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzi	
	3-sep-09		3-sep-09		6-sep-09		2-sep-09		2-sep-09		2-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	362.100	178.200	732.100	345.200	2.300	1.500	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	82.100	7.800	19.000	1.200	62.100	68.900	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	194.300	55.700	452.100	192.000	356.200	157.800	637.200	882.100	0	0	0	0
<i>Chaetoceros decipiens</i>	189.000	89.300	12.000	67.900	18.900	4.900	19.000	189.000	14.500	8.500	0	0
<i>Chaetoceros diadema</i>	26.700	36.700	0	0	0	0	0	0	0	3.500	0	0
<i>Chaetoceros didymus</i>	163.200	0	321.100	290.000	378.000	178.300	215.500	62.100	0	0	783.000	0
<i>Chaetoceros lorenzianus</i>	16.200	14.500	127.200	82.300	234.200	190.200	17.800	17.000	9.700	36.300	25.500	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	2.700	6.100	0	1.500	5.500	78.200	1.100	0	12.300	89.200	12.300	6.700
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	68.900	16.600	179.800	90.600	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	300	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	1.100	0	0	0	0	200	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	88.100	2.100	66.200	23.000	4.500	0	0	0	77.100	9.100	16.700	0
<i>Guinardia delicatula</i>	277.100	23.400	62.100	7.300	168.900	78.200	290.200	189.100	46.700	17.600	46.100	2.900
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	1.300	0	0	0	0	0	0	3.200	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	2.200	0	0	1.300	4.100	0	0	600	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	377.200	90.800	893.200	12.600	541.700	26.200	178.000	74.300	125.500	56.300	342.100	83.200
<i>P. cf. pseudodelicatissima</i>	189.200	56.200	26.700	17.200	345.300	78.200	17.800	28.900	178.200	18.900	672.100	14.500
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	1.100	0	0	3.400	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	7.700	0	4.500	0	700	0	2.700	900	5.600	300	6.700	2.300
<i>Skeletonema costatum</i>	255.300	37.200	177.900	56.200	772.300	432.100	112.300	34.200	178.300	89.200	255.500	163.200
<i>Stephanopyxis turris</i>	34.500	0	178.800	0	17.900	4.500	28.200	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	243.100	71.200	245.100	12.300	188.900	36.500	18.200	12.300	78.200	28.800	21.500	7.800
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	256.300	93.200	781.100	25.200	523.100	468.900	178.800	62.000	177.200	77.100	234.200	167.200
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	17.800	500	7.800	6.700	12.900	1.700	17.400	4.000	34.400	0	300	1.300
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.765.900	763.500	4.169.300	1.156.100	3.800.300	1.895.000	1.718.600	1.556.000	903.300	438.000	2.416.300	447.800
TOTAL DINOFLAGELADOS	17.800	500	7.800	6.700	12.900	1.700	17.400	4.000	34.400	0	300	1.300
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2.783.700	764.000	4.177.100	1.162.800	3.813.200	1.896.700	1.736.000	1.560.000	937.700	438.000	2.416.600	449.100

Anexo 68 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	7-sep-09		7-sep-09		7-sep-09		7-sep-09		7-sep-09		7-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	1.400	0	9.200	1.600	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	0	0	0	0	0	0	0	8.900	1.800
<i>Chaetoceros decipiens</i>	169.200	195.300	0	12.500	0	12.600	90.300	0	0	12.700	6.700	1.200
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	563.200	16.200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	67.200	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	92.300	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	176.700	17.500	17.200	43.200	25.600	6.600	0	0	12.100	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	300	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	2.200	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	4.400	16.600	18.900	1.200	7.700	3.700	5.400	1.200	1.000	3.200	2.700	0
<i>Guinardia delicatula</i>	26.500	65.800	72.300	141.100	17.800	26.700	132.500	0	0	17.800	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	188.300	23.400	89.200	93.300	34.200	67.200	9.200	1.800	8.200	14.200	8.100	17.700
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	900	2.300	0	0	0	0	0	0	0	0	1.200	8.900
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	279.100	73.100	787.800	29.000	452.100	28.900	189.300	67.300	29.200	9.800	0	0
<i>P. cf. pseudodelicatissima</i>	243.100	178.200	179.800	83.200	562.100	1.800	72.300	14.600	19.300	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	7.100	0	8.900	500	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	32.400	56.700	28.200	0	76.800	0	2.300	1.500	6.500	87.300	15.200	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	5.600	2.200
<i>Thalassionema nitzschoides</i>	43.200	2.300	67.200	21.700	7.300	77.200	2.300	7.800	23.400	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	1.100	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	5.600	22.200	12.000	28.800	3.300	1.200	0	0	0	0	300	2.200
<i>Dinophysis acuminata</i>	0	0	800	300	0	0	0	0	0	0	400	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.802.700	739.700	1.280.900	427.300	1.183.600	224.700	503.600	94.200	99.700	145.000	48.700	31.800
TOTAL DINOFLAGELADOS	6.700	22.200	12.800	29.100	3.300	1.200	0	0	0	0	700	2.200
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1.809.400	761.900	1.293.700	456.400	1.186.900	225.900	503.600	94.200	99.700	145.000	49.400	34.000

Anexo 68 (continuación)

	M23 I. Ballesteros		M24 B. Fanny		M25 E. Silva Palma		M26 E. Wickham		M27 E. Sullivan		M28 E. Nuñez	
	8-sep-09		3-sep-09		3-sep-09		3-sep-09		3-sep-09		3-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	6.700	1.300	500	0	0	0	3.300	0	0	0
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	23.300	6.700	18.200	6.600	68.900	11.200	19.900	0	23.300	18.900
<i>Chaetoceros decipiens</i>	9.800	4.300	56.200	2.600	0	0	26.000	0	2.300	0	14.400	0
<i>Chaetoceros diadema</i>	0	0	0	1.200	2.100	4.400	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	7.900	0	16.600	7.800	2.700	8.900	17.700	1.600	0	0
<i>Chaetoceros lorenzianus</i>	0	0	16.500	0	0	0	2.300	0	0	0	15.400	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	12.300	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	1.100	300	0	0	0	0	500	1.400	0	1.200	193.200	800
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	1.100	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	1.200	6.700	1.700	0	0	17.800
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	2.300	0	2.300	0	0	6.700	1.200	0	0	0	1.600	0
<i>Guinardia delicatula</i>	0	0	24.500	0	78.900	23.600	8.700	15.600	53.200	1.600	73.200	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	9.000	4.400	56.200	6.700	8.100	1.200	7.300	0	15.600	0	18.900	21.300
<i>Navicula spp.</i>	0	0	300	0	0	700	0	0	0	200	1.800	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	4.500	6.700	16.600	300	9.800	0	0	19.900	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	1.200	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	2.700	0	0	0	1.100	0	0	10.000	2.600
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	17.800	0	3.300	1.000	18.900	0	19.300	0	0	1.900
<i>Skeletonema costatum</i>	1.200	0	8.200	0	17.700	2.300	0	17.200	0	0	3.200	0
<i>Stephanopyxis turris</i>	1.700	3.400	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	1.200	45.200	0	16.800	0	90.200	26.700	18.900	28.900
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	1.200	0	0	0	8.800	0	93.600	1.800
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	600	0	0	1.600	1.800	2.200	700	0	800	0
<i>Ceratium pentagonum</i>	0	1.100	300	1.400	1.100	0	400	800	900	0	0	0
<i>Dinophysis acuminata</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	800	0	0	0	0	0	0	0	100
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	300	0	0	0	0	500	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	100	0	0
TOTAL DIATOMEAS	26.200	24.700	224.400	29.100	208.400	54.600	164.300	62.100	232.000	52.400	467.500	94.000
TOTAL DINOFLAGELADOS	0	1.300	900	2.200	1.300	1.600	2.200	3.000	1.600	0	800	100
TOTAL SILICOFLAGELADOS	0	0	0	300	0	0	0	0	500	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	100	0	0
TOTAL	26.200	26.000	225.300	31.600	209.700	56.200	166.500	65.100	234.100	52.500	468.300	94.100

Anexo 68 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	3-sep-09		2-sep-09		2-sep-09		2-sep-09		2-sep-09		2-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	55.200	23.100	0	0	0	0	13.400	0	0	0	53.500	4.400
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	19.000	12.100	12.200	5.500	67.200	2.400	40.800	23.000	77.200	8.900	789.200	230.200
<i>Chaetoceros decipiens</i>	12.600	78.100	278.100	89.200	161.100	45.200	16.700	0	178.200	0	304.100	166.200
<i>Chaetoceros diadema</i>	3.400	0	400	0	12.100	0	25.400	0	26.200	0	2.500	0
<i>Chaetoceros didymus</i>	15.600	7.800	89.200	2.400	0	6.600	1.800	0	0	0	1.300	0
<i>Chaetoceros lorentzianus</i>	18.800	0	340.500	160.900	154.900	27.800	67.100	9.600	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 2</i>	8.900	0	6.700	8.300	89.200	5.100	56.300	0	9.800	1.200	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	21.200	0	0	2.300	0	0	0	32.300	0	0	6.500	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	3.300	0	5.500	3.300	2.900	1.900	2.600	0	7.600	0	16.600	1.100
<i>Guinardia delicatula</i>	98.600	5.600	45.600	0	13.600	0	2.500	0	15.700	100	0	0
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	2.300	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	78.300	800	133.000	2.700	12.300	9.200	35.600	8.900	77.300	1.200	272.100	34.200
<i>Navicula spp.</i>	0	0	2.200	1.100	0	0	9.200	0	18.100	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma intermedium</i>	0	0	18.900	16.200	9.400	1.800	0	0	1.800	2.700	1.900	0
<i>Pleurosigma normanii</i>	1.800	0	0	700	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	45.200	16.700	62.700	8.900	1.600	17.800	2.800	78.200	16.800	0
<i>P. cf. pseudodelicatissima</i>	782.200	45.200	56.200	78.200	78.200	17.700	12.200	9.400	342.100	25.200	245.200	18.800
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	189.800	0	93.200	1.900	9.200	2.800	8.900	18.200	37.800	0
<i>Skeletonema costatum</i>	67.900	0	167.200	18.900	177.200	56.300	672.100	27.700	1.800	900	2.900	1.000
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	89.700	18.300	92.600	2.900	78.200	18.900	67.100	18.900	288.100	90.300	345.100	178.200
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	18.900	2.300	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	200	0	1.200	400	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	300	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	200	0	0	0	0	0	200	500	300	200
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	200	300	0	0	300	0	300	200	0	0
TOTAL DIATOMEAS	1.278.800	191.000	1.502.200	411.600	1.012.200	203.700	1.033.600	150.400	1.055.600	226.900	2.095.500	634.100
TOTAL DINOFLAGELADOS	200	0	1.500	400	0	0	0	0	0	0	0	0
TOTAL SILICOFLAGELADOS	0	0	200	0	0	0	0	0	200	500	300	200
TOTAL OTROS	0	0	200	300	0	0	300	0	300	200	0	0
TOTAL	1.279.000	191.000	1.504.100	412.300	1.012.200	203.700	1.033.900	150.400	1.056.100	227.600	2.095.800	634.300

Anexo 68 (continuación)

	M35 Cabo Sn. Isidro		M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco		M39 Pto. Zenteno		M40 S. Ventisquero	
	4-sep-09		12-sep-09		12-sep-09		12-sep-09		13-sep-09		11-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	1.400	0	331.100	28.100
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	256.000	123.000
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	17.200	9.300	24.500	22.100	5.600	11.800	8.900	0	672.300	234.200
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	344.100	54.200
<i>Chaetoceros diadema</i>	3.400	0	3.400	0	0	0	0	6.600	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	423.100	72.300
<i>Chaetoceros lorentzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	1.100	0	0	2.100	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	29.800	1.200	17.200	3.400	83.200	27.200	2.600	0	0	0
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	1.500	0	0	700	0	0	0	0	0
<i>Chaetoceros spp.</i>	5.600	2.700	0	0	0	0	0	0	0	0	167.200	23.300
<i>Corethron pennatum</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	1.300	0	0	2.400	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	500	200
<i>Detonula pumila</i>	0	0	0	1.700	0	0	0	0	0	3.000	0	0
<i>Ditylum brightwellii</i>	100	100	1.200	3.200	1.900	6.600	4.300	0	2.800	1.700	0	0
<i>Guinardia delicatula</i>	0	0	56.300	1.600	78.200	24.000	6.700	0	9.000	6.100	45.200	67.600
<i>Gyrosigma fasciola</i>	0	0	0	0	0	0	0	0	0	0	500	200
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	1.300	2.300
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	44.200	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	1.200
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	2.200	0	4.300	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	3.300	0	0	0	0	0	0	0	0	1.200	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	63.300	2.900
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	7.500	1.400	0	0	0	0	0	0	0	0	222.300	56.200
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	78.200	2.800	17.800	0	7.700	2.600	8.500	11.300	9.000	2.200	467.100	13.400
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	4.500
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tropidoneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	1.300
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	97.000	10.300	131.300	19.600	129.500	61.100	111.300	56.900	33.700	13.000	3.039.400	683.600
TOTAL DINOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	1.300
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	97.000	10.300	131.300	19.600	129.500	61.100	111.300	56.900	33.700	13.000	3.039.400	684.900

Anexo 68 (continuación)

	M41 V. España		M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	12-sep-09		12-sep-09		13-sep-09		13-sep-09		10-sep-09		10-sep-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	267.100	156.700	66.200	35.500	112.100	17.800	90.300	17.300	12.200	0	137.700	15.400
<i>Chaetoceros compressus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	25.500	7.800	177.200	26.600	120.000	66.100	98.300	189.200	277.200	55.200	662.100	9.900
<i>Chaetoceros curviretus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	78.200	167.200	277.200	17.300	255.300	188.200	88.200	7.200	26.200	17.200	12.200	9.300
<i>Chaetoceros decipiens</i>	27.800	2.600	145.200	18.300	98.900	45.200	0	78.200	27.800	0	19.200	2.200
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	241.200	0	173.200	32.700	6.900	12.500	1.300	0	3.300	15.600	89.200	6.200
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	12.100	0	1.200	0	2.300	45.200	17.800	500	44.200	3.400	26.200	2.100
<i>Chaetoceros sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 3</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	78.300	0	782.200	77.200	25.400	0	121.200	0	0	12.100	5.400	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus sp. 2</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	300	0	400	5.600	800	1.100	0	600	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	67.200	17.100	21.300	14.400	1.300	3.400	177.200	0	64.200	0	19.800	299.200
<i>Gyrosigma fasciola</i>	400	0	0	0	0	0	1.200	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	900	23.200	0	0	0	1.200	0	0	1.800	11.900
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	300	0	1.100	0	0	0	0	0
<i>Leptocylindrus minimus</i>	76.700	8.900	12.600	100	89.800	0	1.900	9.600	0	0	0	23.100
<i>Navicula spp.</i>	0	0	0	0	200	0	0	0	400	0	0	0
<i>Nitzschia spp.</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Odontella aurita</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma intermedium</i>	0	1.400	0	600	1.100	800	0	100	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	55.400	78.200	77.100	26.200	8.900	8.500	45.200	0	5.400	17.800	2.100	6.700
<i>Pseudo-nitzschia cf. pungens</i>	90.300	6.900	83.200	6.700	33.400	5.600	13.200	6.700	18.800	65.400	7.800	23.100
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	178.200	1.200	45.600	34.600	277.100	36.700	127.000	15.600	99.200	2.800	82.200	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	3.400	1.200	5.400	0	177.200	6.700	14.500	0	6.400	0	12.100	2.300
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	2.300	0	8.700	0	1.100	0	8.900	1.400	0	0	1.300	0
<i>Thalassiosira cf. minuscula</i>	0	0	2.300	0	8.900	0	0	1.200	0	0	0	0
<i>Tropidoneis spp.</i>	0	500	0	1.100	0	0	500	800	2.300	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	700	900	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma mucronata</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Protoperdinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	300	0	0	0	0	0	700	200	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	200	1.100	1.500	0	400	0	0	100	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	200	0	300	0	0	100	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.204.100	449.700	1.879.900	314.500	1.220.600	442.300	808.600	330.100	587.600	190.100	1.079.100	411.400
TOTAL DINOFLAGELADOS	600	0	0	0	0	700	1.800	200	0	0	0	0
TOTAL SILICOFLAGELADOS	200	1.100	1.500	0	400	0	0	100	0	0	0	0
TOTAL OTROS	0	0	0	0	200	0	300	0	0	100	0	0
TOTAL	1.204.900	450.800	1.881.400	314.500	1.221.200	443.000	810.700	330.400	587.600	190.200	1.079.100	411.400

Anexo 69
Densidad de fitoplancton (cél·L⁻¹) en la región de Magallanes.
Crucero 8 (4 octubre – 4 noviembre 2009).

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	8-oct-09		8-oct-09		6-oct-09		6-oct-09		6-oct-09		6-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros constrictus</i>	78.300	50.800	90.200	69.200	5.700	10.100	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	89.200	7.800	178.200	1.200	0	0	6.700	0	2.100	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	23.400	0	0	0	56.700	0	0	0	18.900	13.300	88.200	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	5.900	0	1.500	0	0	0	1.800	0	20.100	1.800	0	1.100
<i>Chaetoceros socialis</i>	1.300	0	0	33.400	12.100	6.700	9.000	1.200	23.400	14.500	78.200	67.200
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	8.900	0	2.600	11.400	3.200	68.400	0	189.200	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	100	0	0	0	0	0	0	0	1.500	0	0	0
<i>Cylindrotheca closterium</i>	500	0	1.500	900	1.500	0	1.200	0	5.600	900	800	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploleis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	500	0	900	1.500	1.200	600	100	1.500	600	0	2.300	400
<i>Eucampia zodiacus</i>	0	0	900	0	0	0	600	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	62.800	15.400	90.300	26.700	81.600	90.300	18.900	78.200	188.300	0	66.300	23.200
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	500	0	0	200	0	900	0	1.200	500	900	200
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	2.500	5.500	6.900	0	9.000	0	23.400	8.900	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	7.700	2.100	9.400	2.900	7.800	1.400	5.600	7.700	9.800	17.700	0	4.300
<i>Rhabdonema minutum</i>	1.200	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	500
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	2.300	0	18.900	0	78.300	0	54.600	4.400	6.600	3.400	5.600	4.300
<i>Skeletonema costatum</i>	89.200	13.200	178.300	89.200	90.200	17.700	1.700	0	3.400	0	2.600	1.100
<i>Stephanopyxis turris</i>	10.200	6.700	7.700	2.300	67.800	0	23.500	1.700	3.200	9.200	4.500	6.600
<i>Striatella unipunctata</i>	500	0	0	0	0	200	0	0	0	0	600	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Thalassionema nitzschoides</i>	45.200	3.600	89.300	26.700	89.200	9.000	1.900	12.000	0	1.200	0	0
<i>Thalassiosira anguste-lineata</i>	109.800	73.200	11.300	8.800	7.600	4.500	90.500	2.000	2.200	0	8.900	2.300
<i>Thalassiosira delicatula</i>	2.300	500	1.500	0	600	0	0	0	200	0	1.100	3.600
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	1.500	0	0	5.600	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	23.400	4.500	56.200	16.500	26.700	16.700	23.400	33.100	20.100	16.200	16.500	1.500
<i>Ceratium fusus</i>	500	0	200	0	0	600	700	900	0	200	0	0
<i>Ceratium lineatum</i>	400	700	800	1.100	0	1.200	0	0	400	0	0	0
<i>Ceratium pentagonum</i>	500	0	0	600	1.200	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	900	300	200	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellucidum</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	400	0	0	0	0	400	200	0	0	0
<i>Protoperidinium punctulatum</i>	400	600	300	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	534.400	188.200	687.200	271.000	520.900	143.700	308.800	117.600	476.500	62.500	260.000	114.800
TOTAL DINOFLAGELADOS	25.600	5.800	58.800	18.500	28.100	18.500	24.100	34.400	20.700	16.400	16.500	1.500
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	560.000	194.000	746.000	289.500	549.000	162.200	332.900	152.000	497.200	78.900	276.500	116.300

Anexo 69 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Pengüin		M10 S. Europa	
	6-oct-09		6-oct-09		6-oct-09		6-oct-09		6-oct-09		6-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curviretus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	189.200	67.200	0	0	0	0	9.800	0	73.200	9.000	13.400	7.100
<i>Chaetoceros didymus</i>	0	0	34.500	0	44.200	22.200	54.500	6.700	67.400	13.200	0	13.300
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	89.700	12.500	128.900	9.800	15.600	25.800	5.800	0	185.400	69.700
<i>Chaetoceros socialis</i>	9.800	2.300	243.200	11.300	129.000	36.400	189.200	90.700	44.500	15.600	267.300	5.200
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	100.900	18.700	36.400	0	42.000	0	9.800	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	200	0	1.500	900	500	0	1.100	200	0	0	100	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	900	0	1.800	600	700	0	600	0	2.900	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	5.600	2.300
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	7.800	1.900	5.600	8.200	2.900	2.600	4.000	2.800	1.700	900	178.200	26.700
<i>Eucampia zodiacus</i>	1.600	0	0	0	0	0	0	0	200	0	0	1.100
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	37.600	13.800	10.300	90.200	18.900	37.800	93.400	28.300	98.100	50.600	289.300	132.100
<i>Gyrodinium aureolum</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Leptocylindrus danicus</i>	0	0	32.100	5.600	8.900	24.500	90.200	78.200	6.700	1.200	199.000	67.100
<i>Leptocylindrus mediterraneus</i>	0	0	400	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	78.200	5.800	0	10.200	2.300	0	90.300	3.900	94.300	94.500
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	3.300	0	6.700	2.400
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	2.300	0	6.700	0	23.500	0	6.600	8.900	24.500	6.700	89.300	56.200
<i>P. cf. pseudodelicatissima</i>	4.200	0	19.900	8.900	3.200	21.200	27.800	7.100	12.500	21.200	98.300	4.400
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	1.400	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	600	0	100	300	0	200	600	600	0	900	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	600	0	900	500	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	1.200	0	0	0	35.400	0	17.700	9.400	0	8.900
<i>Skeletonema costatum</i>	3.400	800	67.200	7.700	89.000	2.800	178.200	9.300	34.500	56.400	234.200	23.400
<i>Stephanopyxis turris</i>	17.800	9.000	67.300	29.800	89.300	4.300	9.800	2.600	34.200	24.500	80.800	45.600
<i>Striatella unipunctata</i>	900	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	200	0	2.300	0	0	0	500	4.500	0	0
<i>Thalassionema nitzschoides</i>	0	2.300	0	0	0	0	12.100	300	56.200	4.500	253.600	45.400
<i>Thalassiosira anguste-lineata</i>	90.700	0	78.300	17.600	27.800	6.700	89.300	9.000	19.000	2.400	238.900	18.900
<i>Thalassiosira delicatula</i>	1.100	600	900	0	1.900	500	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	5.600	0	9.600	2.100	1.900	0	1.900	2.100
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	2.300	17.200	56.200	44.200	12.600	21.000	1.300	1.600	20.300	12.500	6.700	8.100
<i>Ceratium fusus</i>	0	0	0	0	300	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	900	0	0	0	200	700	0	0	2.300	1.200	0	2.500
<i>Ceratium pentagonum</i>	0	0	0	0	0	300	200	0	400	0	4.000	200
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	500	0
<i>Protoperidinium pentagonum</i>	300	0	0	0	0	1.100	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	1.200	600	0	0	600	800	200
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	367.800	98.500	839.900	217.900	613.900	179.000	874.000	273.100	605.500	224.000	2.237.400	626.400
TOTAL DINOFLAGELADOS	3.500	17.200	56.200	44.200	13.100	24.300	2.100	1.600	23.000	14.300	12.000	11.000
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	371.300	115.700	896.100	262.100	627.000	203.300	876.100	274.700	628.500	238.300	2.249.400	637.400

Anexo 69 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzi	
	6-oct-09		9-oct-09		5-oct-09		5-oct-09		5-oct-09		5-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros constrictus</i>	0	0	156.200	6.300	16.700	8.900	67.300	0	2.300	5.500	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	25.500	9.800	32.300	8.800	5.600	17.800	27.700	266.200	0	12.300	0	24.200
<i>Chaetoceros didymus</i>	0	55.300	57.500	0	167.200	89.200	0	0	18.900	0	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	489.700	245.800	189.100	98.700	369.800	15.400	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	78.200	189.300	169.000	56.200	90.400	7.800	28.800	16.900	5.600	0	72.300	1.800
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	5.800	0	0	0	0	1.200	0	0	4.500	0	8.900	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	500	0	900	400	1.800	0	600	0	1.100	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	900	0	0	0	300	0	0	500	0
<i>Detonula pumila</i>	67.200	18.800	90.300	27.800	16.600	2.900	16.000	9.000	3.400	0	27.200	4.500
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	300
<i>Ditylum brightwellii</i>	188.800	109.300	7.900	12.200	2.600	8.900	4.500	2.500	7.700	2.900	14.400	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	500	0	900	0	1.500	600	900	0	1.100	600
<i>Grammatophora marina</i>	0	0	0	1.000	0	0	0	0	0	0	900	0
<i>Guinardia delicatula</i>	346.200	154.000	78.300	12.900	6.900	2.100	1.800	0	6.900	65.400	5.900	0
<i>Gyrodinium balticum</i>	1.500	600	300	0	0	0	800	0	0	0	0	1.200
<i>Leptocylindrus danicus</i>	162.600	27.800	9.900	2.400	17.800	56.500	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	290.200	173.000	0	45.600	0	0	4.500	0	10.100	3.400	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	9.900	14.500	7.900	4.300	9.800	9.800	0	4.400	0	0	13.400	2.600
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	112.300	67.200	7.700	2.200	34.500	2.400	98.300	12.300	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	9.600	23.400	0	2.300	0	0	0	0	0	0	1.500	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	300	0	200	0	0	600	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	1.100	600	0	0	0	600	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	56.500	78.300	89.400	78.300	3.400	0	4.300	0	6.700	9.800
<i>Skeletonema costatum</i>	178.700	78.800	9.000	17.700	92.200	24.200	0	2.300	5.600	2.100	0	0
<i>Stephanopyxis turris</i>	112.300	2.300	4.500	2.100	7.800	1.200	7.800	0	0	4.500	12.900	7.000
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	300	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	167.300	24.500	9.800	2.300	178.700	5.600	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	67.200	89.200	63.300	4.500	79.000	0	17.200	0	90.300	0	93.200	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	2.600	2.700	2.900	2.600	1.500	0	800	0	8.900	1.200	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	7.800	1.500	4.500	1.200	12.300	4.500	12.000	3.300	1.600	500	4.500	7.800
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	200	0	300	0
<i>Ceratium lineatum</i>	6.400	1.000	4.200	800	600	0	0	400	0	0	700	900
<i>Ceratium pentagonum</i>	4.100	1.200	0	3.400	200	0	700	0	600	0	900	1.100
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	400	100	300	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	5.600	0	0	0
<i>Protoperidinium pallidum</i>	0	0	0	200	0	0	600	0	0	0	0	0
<i>Protoperidinium pellucidum</i>	500	400	500	300	200	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	300	0	700	200	400	0	800	200	1.100	900	1.000	200
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dityocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.316.400	1.286.300	955.100	390.100	1.189.200	333.100	281.000	315.100	163.600	38.800	318.400	57.900
TOTAL DINOFLAGELADOS	19.500	4.200	10.200	6.100	13.700	4.500	14.100	3.900	3.500	1.400	7.400	10.000
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2.335.900	1.290.500	965.300	396.200	1.202.900	337.600	295.100	319.000	167.100	40.200	325.800	67.900

Anexo 69 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	10-oct-09		10-oct-09		10-oct-09		10-oct-09		10-oct-09		10-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curviretus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	456.100	78.200	673.200	234.100	289.200	234.100	634.300	67.200	245.500	44.100	1.900	500
<i>Chaetoceros didymus</i>	15.800	9.600	2.100	800	167.300	452.300	28.800	0	152.300	45.200	0	0
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	1.500	800	0
<i>Chaetoceros socialis</i>	623.400	76.200	1.178.200	189.200	364.200	8.900	345.200	45.200	78.200	1.400	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	5.800	6.900	1.800	0	0	900	19.800	9.200	2.500	0	98.700	54.100
<i>Chaetoceros spp.</i>	7.500	0	3.600	0	19.700	0	0	0	45.200	6.900	24.400	8.700
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	400	0	700	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	239.800	17.700	55.300	89.300	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	1.200	0	0	0	0
<i>Fragilaria spp.</i>	0	600	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	1.900	700	0	0	0	0	0	0
<i>Guinardia delicatula</i>	18.900	7.700	198.700	19.800	987.400	25.600	697.000	54.800	157.800	0	698.700	345.800
<i>Gyrodinium aureolum</i>	0	0	0	0	0	0	0	300	0	300	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	400	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	18.900	9.000	19.100	37.300	33.500	0	0	0	1.900	2.300
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	1.800	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	900	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	8.900	0	0	7.800	0	0	0	0	0	0	0	0
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	700	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	2.800	900	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	6.600	800	0	900	600	0	6.300	1.100	1.200	0	600	1.100
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	600	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	300	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	78.200	2.300	56.500	27.300	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	689.700	245.800
<i>Stephanopyxis turris</i>	233.200	67.200	166.700	27.800	24.500	0	7.800	2.100	25.700	0	178.200	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	278.300	19.300	15.500	67.300	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	18.700	0	8.900	1.400	17.800	26.900	89.400	2.900	258.900	120.100
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	159.800	159.800	65.400
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	5.600	0	200	78.100	12.400
<i>Thalassiosira spp.</i>	0	0	0	4.500	0	0	8.900	214.200	169.700	85.400	987.200	369.000
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	90.900	45.200	78.300	16.200	89.300	32.300	88.200	25.600	45.200	0	0	0
<i>Ceratium fusus</i>	600	200	200	0	500	300	300	0	200	0	0	0
<i>Ceratium lineatum</i>	200	800	0	200	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	2.900	0	300	1.000	500	0	600	0	300	600	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	200	0	500	0	600	0	200	300	500	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellicidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	2.000	200	0	800	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	200
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	1.972.900	286.500	2.389.900	678.400	1.885.600	762.400	1.799.400	427.800	967.500	347.700	3.182.700	1.225.200
TOTAL DINOFLAGELADOS	94.800	46.200	81.300	17.600	90.900	33.400	89.300	25.900	46.200	600	0	200
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2.067.700	332.700	2.471.200	696.000	1.976.500	795.800	1.888.700	453.700	1.013.700	348.300	3.182.700	1.225.400

Anexo 69 (continuación)

	M23 I. Ballesteros		M24 B. Fanny		M25 E. Silva Palma		M26 E. Wickham		M27 E. Sullivan		M28 E. Nuñez	
	11-oct-09		5-oct-09		5-oct-09		5-oct-09		5-oct-09		5-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros constrictus</i>	0	0	0	0	500	0	1.500	6.900	7.500	500	1.600	7.500
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	900	1.200	254.900	45.800	6.900	2.700	369.800	70.100	23.400	630.100	15.200	9.600
<i>Chaetoceros didymus</i>	0	0	456.400	25.400	23.900	5.200	169.700	36.400	972.100	69.700	47.800	15.400
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	123.600	54.200	12.900	3.600
<i>Chaetoceros radicans</i>	1.500	500	0	1.700	14.900	0	1.200	300	0	0	0	9.700
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	6.900	7.800
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	239.500	24.500	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	85.100	1.400	69.700	15.600	4.200	25.600	157.800	65.100	653.200	1.400	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	300	900	0	0	0	400	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	200	0	0	0	0	0	0	500	0	900
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	4.500	1.200	48.900	7.800	2.500	1.700	0	5.600	0	600
<i>Gyrodinium balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	800	0	0	4.500	6.900	0	1.300	500	0	400	0	7.800
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	5.900	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	600	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	800	0	0	300	600	100	200	600	0	600
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	200	0	600	500	200	0	1.200	300	100	300
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	600	0	1.800	1.000	0	0	500	0	900	100
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	1.000	0	0	0
<i>P. cf. pseudodelicatissima</i>	3.700	600	0	0	0	0	0	0	0	0	0	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	5.200	3.600	600	1.500	500	7.700	21.000
<i>Skeletonema costatum</i>	1.245.000	697.000	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	500	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	5.400	0	43.600	25.600	12.900	45.200	39.700	24.800	12.300	28.900
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	400	0	1.400	600	7.800	9.600
<i>Thalassiosira cf. decipiens</i>	156.400	125.300	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	297.100	26.400	1.700	500	0	0	0	1.200	0	0	900	4.200
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	59.800	19.800	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	152.300	63.900	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	200	600	900	1.200	100	600	0	0	1.400
<i>Ceratium pentagonum</i>	0	0	0	0	400	0	200	300	600	0	200	300
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	200	0	600	300	200	200	100	300	0
<i>Protoperidinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	900	0	500	500	1.100	500	200	100	100	0
<i>Protoperidinium spp.</i>	0	0	300	0	0	100	0	0	300	0	0	100
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	200	0	0	0	0	100	0	0	0
TOTAL DIATOMEAS	2.248.600	960.600	794.700	95.600	152.200	73.900	721.500	228.500	1.825.800	789.200	114.100	127.600
TOTAL DINOFLAGELADOS	0	0	1.200	400	1.500	2.100	2.800	1.100	1.900	200	600	1.800
TOTAL SILICOFLAGELADOS	0	0	0	200	0	0	0	0	100	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2.248.600	960.600	795.900	96.200	153.700	76.000	724.300	229.600	1.827.800	789.400	114.700	129.400

Anexo 69 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	5-oct-09		4-oct-09		4-oct-09		4-oct-09		7-oct-09		7-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros constrictus</i>	800	6.900	500	0	1.200	800	3.100	1.500	0	6.200	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	19.700	0	6.900	0	97.500	8.900	1.600	5.400	50.100	0	897.100	246.300
<i>Chaetoceros didymus</i>	96.000	42.000	10.200	12.900	197.200	48.700	12.500	0	0	1.000	498.700	120.900
<i>Chaetoceros lorenzianus</i>	52.100	98.700	21.500	0	9.800	17.400	0	2.500	69.100	2.900	124.500	65.400
<i>Chaetoceros radicans</i>	0	1.900	80.700	1.200	169.100	17.800	39.800	20.700	69.700	14.100	2.697.100	982.100
<i>Chaetoceros socialis</i>	0	8.400	125.600	9.700	2.500	0	12.600	0	3.900	5.700	3.600	1.200
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	245.800	69.400
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	400	0	600	200	1.800	900	1.100	700	200	0	500	700
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	1.100	0	1.200	500	900	4.100	900	700	1.500	0	2.300	1.000
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	800	0	1.200	500	4.100	200	0	0	0	1.400
<i>Gyrodinium aureolum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	10.900	6.100	63.900	5.900	19.700	2.900	98.300	40.200	124.500	98.200	348.900	124.500
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	4.500	9.800	1.900	12.400	45.800	36.400	18.700	25.400	10.200	126.300	90.600
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	900	1.200	300	0	300	100	1.000	0	100	0	100	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	200	0	600	200	0	0	0	0	0	0	300	0
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	900	0	300	200	0	200	400	0	500	0	0
<i>Pseudo-nitzschia cf. australis</i>	15.200	6.900	18.800	96.200	126.400	23.500	12.000	5.200	69.700	45.800	12.400	9.400
<i>P. cf. pseudodelicatissima</i>	0	0	12.600	1.900	6.300	0	39.800	0	7.800	0	4.200	0
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	3.600	300	2.300	700	2.600	1.200	4.500	3.600	1.700	0	400	700
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	3.100	2.800	0	1.700	800	2.000	1.400	0	100	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	89.300	1.200	5.700	0	96.300	61.400	36.400	21.400	18.500	0	30.700	10.200
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	100	0	0	2.500	0	3.400	0	2.500	1.500	0
<i>Thalassiosira rotula</i>	1.800	600	0	600	2.300	500	0	0	200	0	0	1.200
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	1.700	5.800	6.900	0	14.700	0	45.700	9.800	45.200	0	36.900	51.200
<i>Thalassiosira cf. gerloffii</i>	0	0	0	1.200	0	300	6.900	0	120.800	2.900	15.700	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	1.000	200
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	500	0	300	0	100	0	0	0	500	0	200	0
<i>Ceratium pentagonum</i>	100	300	0	0	300	0	300	0	300	300	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	100	0	0	0	100	0	0	200	0	0	0	0
<i>Protoperidinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	300	0	600	200	200	0	0	200	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	1.000	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	100	0	100	200	0	0	0	0
TOTAL DIATOMEAS	293.700	188.500	371.800	133.400	764.100	238.100	358.900	135.800	608.400	190.100	5.047.000	1.776.200
TOTAL DINOFLAGELADOS	1.000	300	900	200	700	0	300	400	1.800	300	1.200	200
TOTAL SILICOFLAGELADOS	0	0	0	0	100	0	100	200	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	294.700	188.800	372.700	133.600	764.900	238.100	359.300	136.400	610.200	190.400	5.048.200	1.776.400

Anexo 69 (continuación)

	M35 Cabo Sn. Isidro 7-oct-09		M36 B. Buena 3-nov-09		M37 B. Agua Fresca 3-nov-09		M38 Río Seco 4-nov-09		M39 Pto. Zenteno 4-nov-09		M40 S. Ventisquero 17-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	5.800
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	851.200	26.400
<i>Chaetoceros debilis</i>	6.900	11.200	536.700	98.700	12.300	4.800	1.500	1.500	4.500	1.400	12.300	98.200
<i>Chaetoceros didymus</i>	45.600	8.700	300.800	56.100	12.300	45.200	5.200	6.900	5.400	2.100	42.100	0
<i>Chaetoceros lorenzianus</i>	6.700	23.100	209.700	985.200	6.500	0	2.500	3.200	1.500	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	1.245.700	8.900
<i>Chaetoceros socialis</i>	0	1.500	14.700	9.600	12.000	1.500	1.200	0	2.800	1.800	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus centralis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus granii</i>	0	0	1.100	0	900	700	0	0	0	600	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	300	0	1.200	200	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	3.600	400	500	300	900	0	0	300	600	0	800	1.500
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	900	0	0	900	0	2.100	1.700	0	1.400	0	0
<i>Gyrodinium balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	16.700	52.100	6.300	18.400	0	4.200	0	0	0	0	85.400	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	9.600	15.400	0	0	0	0	0	0	0	0	145.200	28.500
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	900	1.100	800	0	1.400	0	600	0	900	500	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	200	0	1.400	0	0	0	0	0	0	700
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	65.400	32.100	0	5.400	8.600	25.400	9.300	6.600	7.500	200	125.900	85.400
<i>P. cf. pseudodelicatissima</i>	5.200	3.100	1.100	2.500	4.500	1.900	200	0	1.500	0	987.200	26.800
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	900	0	1.200	0	6.400	0	6.300	1.500	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	124.800	78.500
<i>Stephanopyxis turris</i>	200	300	200	0	100	0	1.100	200	800	900	1.200	2.700
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	98.700	52.100	0	12.400	8.700	400	400	0	0	5.400	742.100	25.400
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	1.400	0	4.200	1.200	1.800	200	1.200	0	7.800	3.900	0	0
<i>Thalassiosira rotula</i>	0	0	6.300	0	0	1.000	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	31.700	5.600	900	4.200	9.600	0	9.700	600	1.800	0	0	0
<i>Thalassiosira cf. gerloffii</i>	9.700	0	4.800	2.100	0	1.400	0	1.500	7.500	5.800	5.200	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	0	0	0	0	0	0	0	0	0	0	500	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	600	0	0	0	200	0	400	200	0	600	1.700	600
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia brevis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellicidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium spp.</i>	0	0	0	0	200	0	200	0	900	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	300	200	0	500	0	0	0	0	0	0	0
TOTAL DIATOMEAS	303.500	207.600	1.090.700	1.196.300	88.300	86.700	41.300	24.000	42.600	24.000	4.369.600	388.800
TOTAL DINOFLAGELADOS	600	0	0	0	400	0	600	200	900	600	1.700	1.100
TOTAL SILICOFLAGELADOS	0	300	200	0	500	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	304.100	207.900	1.090.900	1.196.300	89.200	86.900	41.900	24.200	43.500	24.600	4.371.300	389.900

Anexo 69 (continuación)

	M41 V. España 17-oct-09		M42 V. Holanda 18-oct-09		M43 B. Yendegaia 18-oct-09		M44 Pto. Navarino 21-oct-09		M45 Pto. Williams 21-oct-09		M46 Pto. Eugenia 21-oct-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Chaetoceros constrictus</i>	89.700	12.400	129.700	54.100	378.400	3.600	16.700	9.800	800	6.400	12.000	900
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	125.800	98.200	128.700	0	15.700	9.800	126.400	236.700	397.100	12.300	0	0
<i>Chaetoceros debilis</i>	157.800	65.400	2.300	2.800	6.700	0	12.400	0	0	0	0	0
<i>Chaetoceros didymus</i>	18.700	29.700	9.600	37.800	75.200	12.400	12.400	0	0	9.700	500	7.400
<i>Chaetoceros lorenzianus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	784.100	26.400	972.100	24.500	85.400	3.900	5.200	87.100	82.400	41.000	4.700	0
<i>Chaetoceros socialis</i>	0	0	0	7.800	0	97.800	75.100	69.700	0	75.400	6.400	1.200
<i>Chaetoceros teres</i>	0	0	0	0	12.300	5.700	9.700	4.200	18.700	12.900	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corethron pennatum</i>	0	0	100	0	0	0	500	600	500	0	0	0
<i>Coscinodiscus centralis</i>	200	0	0	0	0	0	0	0	300	0	0	0
<i>Coscinodiscus granii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diploneis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	1.800	200	600	700	800	900	2.100	4.800	2.400	4.200	2.100	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	69.700	52.100	15.400	74.200	12.400	63.200	15.400	18.700	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	42.500	9.700	25.400	6.900	78.900	0	21.700	0	8.500	0	15.400	1.400
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	900	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma intermedium</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma normanii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	64.200	32.100	256.300	158.900	325.800	96.500	782.100	59.800	781.200	15.700	456.900	123.600
<i>P. cf. pseudodelicatissima</i>	1.136.900	457.500	125.400	126.300	123.000	634.700	53.100	9.700	39.700	52.100	364.500	214.100
<i>Rhabdonema minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia hebetata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia imbricata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	96.200	42.100	36.700	0	0	421.500	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	600	1.200	0	300	4.800	1.200	0	1.200	2.000	0	0	0
<i>Striatella unipunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Synedropsis spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	6.900	75.600	0	9.700	87.100	21.400	26.400	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	12.300	6.300	45.200	12.400	6.300	200	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	8.500	67.800	12.400	65.400	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiothrix spp.</i>	300	1.400	4.200	0	0	3.200	0	300	0	0	0	0
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	800	0	500	0	1.100	0	5.300	6.900	7.700	2.600	10.200	3.100
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	300	0	600	0	0	200	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	100	0	200	0	600	400	0	200	300	200
<i>Karenia brevis</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	1.200	0	500	600	900	1.100	500	600	700	200	300	0
<i>Protoperidinium oceanicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	500	0	600	200	300	400	900	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.546.500	996.600	1.800.800	523.000	1.274.600	1.325.200	1.207.000	499.300	1.352.300	229.700	862.500	348.600
TOTAL DINOFLAGELADOS	2.500	300	1.700	1.400	2.600	1.500	7.600	7.900	8.400	3.000	10.800	3.300
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2.549.000	996.900	1.802.500	524.400	1.277.200	1.326.700	1.214.600	507.200	1.360.700	232.700	873.300	351.900

Anexo 70

Densidad de fitoplancton (cél·L⁻¹) en la región de Magallanes.
Crucero 9 (6 noviembre – 5 diciembre 2009).

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	8-nov-09		8-nov-09		8-nov-09		8-nov-09		8-nov-09		8-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	1.000	0	0	0	0	0	600	0	800	0	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	4.200	5.600	1.200	6.800	1.500	0	2.400	9.800	0	4.500	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	5.400	0	0	1.200	0	5.400	7.800	9.600	0	0	4.100
<i>Chaetoceros didymus</i>	0	1.600	0	1.700	0	1.400	0	0	0	800	2.100	1.600
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	104.800	25.400	0	57.800	69.800	98.700	12.400	65.400	1.200	3.600	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	8.800	0	2.300	0	5.400	4.100	1.200	7.500	0	0	0
<i>Cylindrotheca closterium</i>	0	1.000	0	500	700	200	0	600	800	0	500	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	600	0	0	0	700	400	0	200	400	0	0
<i>Fragilaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	2.000	0	1.400	400	7.500	0	4.700	0	24.500	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	500	0	0	0	0	200	0	1.200	500
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	8.400	400	4.500	2.000	21.300	11.100	69.700	12.700	60.300	12.400	0	0
<i>P. cf. pseudodelicatissima</i>	2.764.000	3.600	6.900	5.700	8.700	2.400	9.700	3.600	5.400	2.500	45.200	25.400
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	200	200	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	3.400	0	0	2.100	0	6.300	1.500	0	12.300	0	0
<i>Stephanopyxis turris</i>	0	1.400	0	0	0	4.500	0	0	1.200	0	0	0
<i>Thalassionema nitzschoides</i>	0	18.400	0	12.400	8.500	0	0	12.900	0	4.200	8.600	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	800	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	1.600	0	0	1.300	0	0	6.900	0	0	0	1.100
<i>Thalassiosira cf. rotula</i>	0	1.200	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	400	1.500	0	0	0	0	500	0	0	1.600

Anexo 70 (continuación)

	M04 C. Adalberto 8-nov-09		M05 B. Liberta 8-nov-09		M06 Pto. Edén 8-nov-09		M01N I. Morton 8-nov-09		M02N I. Carlos 8-nov-09		M03N A. Hamond 8-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	3.300	500	1.200	1.100	4.000	400	0	0	1.200	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	100	0	0	0	200	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	100	1.000	0	0	0	0	200	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	500	0	0	200	0	0	0	0	0	100
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	100	0	0	200	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	1.100	0	0	200	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	200	0	0	300	0	0	0	0	0	500	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	200	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	400	0	0	0	0	0	0	0	0	0	0
EUGLENÓFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	2.773.000	160.400	42.800	29.200	108.800	104.500	194.300	67.300	160.900	59.100	65.700	34.300
TOTAL DINOFLAGELADOS	100	1.200	4.900	500	1.500	1.600	4.300	400	0	400	1.700	100
TOTAL SILICOFLAGELADOS	0	0	0	200	0	0	0	0	0	0	0	0
TOTAL OTROS	0	400	0	0	0	0	0	0	0	0	0	0
TOTAL	2.773.100	162.000	47.700	29.900	110.300	106.100	198.600	67.700	160.900	59.500	67.400	34.400

Anexo 70 (continuación)

	M07 I. Crossover 8-nov-09		M24N Paso del Abismo 8-nov-09		M08 E. Falcon 7-nov-09		M25N E. Ringdove 7-nov-09		M09 E. Penguin 7-nov-09		M10 S. Europa 7-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	500	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	600	0	0	1.200	0	0	800	0	0	0	0	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	2.200	1.400	0	0	2.400
<i>Chaetoceros convolutus</i>	0	0	0	900	200	400	1.700	5.100	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	12.000	9.000	1.800	0	1.400	4.200	1.500	9.600	5.200	4.100	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	12.100	0	4.000	1.900	5.200	0
<i>Chaetoceros didymus</i>	0	1.000	0	4.100	1.100	0	0	2.900	3.200	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	5.400	82.000	3.600	500	2.900	0	15.600	17.100	15.400	8.900	18.700	9.800
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	1.100	0	0	0	1.700	0	2.200	600	2.300	4.500
<i>Chaetoceros spp.</i>	0	2.000	0	0	400	1.100	4.700	0	5.800	5.600	2.600	0
<i>Cylindrotheca closterium</i>	0	200	300	200	0	100	5.600	1.400	0	200	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragillaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragillaria spp.</i>	0	0	0	700	0	0	0	200	1.200	600	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	25.600	52.400	21.100	0	14.500	8.800	12.500	4.700	104.800	52.100	125.800	25.400
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	900	0	0	12.600	15.700	23.500	12.400	124.800	0
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	400	0	300	0	0	0	0	400	0	500	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	8.900	0	1.500	0	0	0	200	0	400	0	0	0
<i>P. cf. pseudodelicatissima</i>	4.800	0	0	2.100	400	0	0	1.500	800	200	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	21.400	1.500	21.000	4.400	0	17.200	10.200	3.100	0	32.000
<i>Stephanopyxis turris</i>	3.600	0	0	0	0	800	0	0	800	1.700	0	0
<i>Thalassionema nitzschioides</i>	0	400	0	0	0	0	0	0	600	400	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	400	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	200	500	0	0	100	200	2.100	1.200	400	0	0

Anexo 70 (continuación)

	M07 I. Crossover 8-nov-09		M24N Paso del Abismo 8-nov-09		M08 E. Falcon 7-nov-09		M25N E. Ringdove 7-nov-09		M09 E. Penguin 7-nov-09		M10 S. Europa 7-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	300	0	0	0	400	0	800	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	0	300
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	100	200	200	0	300	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	500	0	0	400	200	400	600	200	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	300	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	200	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	2.100	0	0	1.200	11.700	4.900	94.400	42.100	23.900	12.400
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	500	600	0	400	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	200	0	0	0
<i>Protoperidinium pentagonum</i>	0	200	1.900	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	600	500	0	0	100	200	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	200	0	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	0	0	0	0	100	0	0	0	0	0	0
TOTAL DIATOMEAS	60.900	147.600	51.300	12.400	41.900	20.300	69.200	79.700	181.100	92.200	280.400	74.100
TOTAL DINOFLAGELADOS	300	600	5.000	0	0	2.100	13.000	5.500	96.600	42.300	24.200	12.700
TOTAL SILICOFAGELADOS	0	600	500	0	0	100	200	0	0	0	0	0
TOTAL OTROS	0	0	0	0	0	100	0	0	200	0	0	0
TOTAL	61.200	148.800	56.800	12.400	41.900	22.600	82.400	85.200	277.900	134.500	304.600	86.800

Anexo 70 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzi	
	7-nov-09		7-nov-09		7-nov-09		6-nov-09		7-nov-09		8-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	1.100	0	2.600	0	15.100	6.300	125.700	35.400	124.300	82.500	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	12.500	0	25.900	0	21.400	12.600	0	0	0	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	2.100	0	12.400	0	6.300	5.700	0	0	2.100	0	8.600	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	1.200	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	13.600	14.700	0	24.800	0	36.800	0	65.800	0	47.800	25.600
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	24.100	0	2.100	0	3.600	0	1.500	2.100	0	0	12.500	0
<i>Chaetoceros spp.</i>	0	0	2.500	0	0	0	0	0	1.600	0	2.100	0
<i>Cylindrotheca closterium</i>	600	0	0	0	700	0	0	200	0	400	500	0
<i>Detonula pumila</i>	400	0	600	0	0	900	0	0	0	1.200	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	0	800	0	0	1.000	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	16.900	0	25.400	1.200	12.300	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	12.600	36.500	0	15.900	27.800	1.800	32.100	0	11.300	0	33.200	1.000
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	500	0	200	0	600	300	100	0	0	0
<i>Nitzschia spp.</i>	0	400	0	0	700	0	0	600	500	0	0	100
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	2.500	6.400	72.000	25.400	6.900	0	14.200	3.600	0	9.700	12.200	0
<i>Stephanopyxis turris</i>	1.300	0	1.200	0	0	0	1.700	0	1.400	0	1.500	0
<i>Thalassionema nitzschoides</i>	0	0	1.200	0	600	900	0	1.800	2.400	800	0	300
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 70 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzzi	
	7-nov-09		7-nov-09		7-nov-09		6-nov-09		7-nov-09		8-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	1.200	0	0	0	800	0	1.100	0	0	0	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	300	0	0	0	200	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	200	0	0	0	200	300	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	100	0	0	0	200	0	0	0	100	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	100	200	0	0	0	0	0	100	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	0	0	0	0	0	0	0	0	0
EUGLENÓFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	44.700	70.200	126.700	67.200	113.100	38.200	238.700	44.000	209.500	94.600	118.400	27.000
TOTAL DINOFLAGELADOS	1.300	200	300	0	1.000	200	1.600	0	100	0	0	0
TOTAL SILICOFLAGELADOS	0	0	0	100	200	0	0	0	0	0	100	0
TOTAL OTROS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	46.000	70.400	127.000	67.300	114.300	38.400	240.300	44.000	209.600	94.600	118.500	27.000

Anexo 70 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	10-nov-09		10-nov-09		10-nov-09		10-nov-09		10-nov-09		10-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	800	200	0	0	0	0	0	0	0	200	0	600
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cerataulina pelagica</i>	0	0	800	0	0	0	2.600	0	0	0	1.200	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	12.600	5.600	8.900	0	3.000	1.200	0	0	14.700	13.300
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	2.800	1.400	0	1.100	1.800	0	0	0	1.400	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	8.400	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	1.200	2.600	0	0	3.800	1.200	0	0	0	1.500
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	2.600	0	0	1.900	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	64.100	24.800	24.800	2.900	15.800	5.000	0	0	2.600	12.300
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	11.900	0	1.200	0	0	0	0	1.500	0
<i>Chaetoceros spp.</i>	0	0	0	0	0	0	4.600	5.200	0	0	16.900	5.600
<i>Cylindrotheca closterium</i>	0	0	2.500	0	3.500	2.100	1.200	1.200	0	100	1.500	700
<i>Detonula pumila</i>	1.200	400	2.600	6.700	2.100	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	800	1.600	1.000	800	800	0	0	2.500	0
<i>Fragillaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragillaria spp.</i>	5.400	4.200	0	1.200	4.800	3.100	0	0	0	1.400	0	0
<i>Grammatophora marina</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	200	0	0	700	0	0	1.200	400	0	200	0	1.200
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	1.200
<i>Leptocylindrus minimus</i>	0	0	2.600	21.400	7.700	0	0	800	0	0	0	15.500
<i>Licmophora abbreviata</i>	0	0	200	0	200	0	200	0	200	100	12.300	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	3.600	2.500
<i>Navicula spp.</i>	200	100	1.200	600	700	0	200	200	500	300	0	0
<i>Nitzschia spp.</i>	200	0	0	1.100	0	0	200	600	1.100	300	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>P. cf. pseudodelicatissima</i>	200	0	600	0	800	0	3.400	400	0	0	200	300
<i>Pseudo-nitzschia cf. pungens</i>	0	0	1.900	0	0	1.500	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	400	400	0	0	1.400	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	500	100	0	0
<i>Skeletonema costatum</i>	600	400	9.800	2.400	12.700	0	0	0	0	200	0	1.100
<i>Stephanopyxis turris</i>	0	0	200	300	0	700	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	200	0	0	19.700	36.700	25.400	61.200	57.800	1.900	300	15.700	14.700
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	600	100	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	200	0	0	0	1.200	0

Anexo 70 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	10-nov-09		10-nov-09		10-nov-09		10-nov-09		10-nov-09		10-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	5.200	4.100	500	0	200	800	2.000	300	400	300	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	200	100	300	0	500	0	200	0	100	0	0	0
<i>Ceratium pentagonum</i>	400	200	900	400	0	200	200	0	400	200	0	100
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	600	0	1.100	0	2.200	1.000	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	400	200	600	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	400	200	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	200	500	0	0	0	0	0	0	0	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	0	200	0	0	0	0	500	100	0	200
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	100	0	300	0	0	100	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	300	200	300	100	500	200	0	0	500	400	0	0
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	0	0	0	0	0	0	0	0	100	0	0
TOTAL DIATOMEAS	9.400	5.300	103.100	101.200	104.500	39.000	109.000	78.400	4.300	3.200	78.600	70.500
TOTAL DINOFLAGELADOS	6.000	4.900	2.700	800	2.400	1.000	4.600	1.300	1.800	800	0	300
TOTAL SILICOFLAGELADOS	0	0	0	100	0	300	0	0	100	0	0	0
TOTAL OTROS	300	200	300	100	500	200	0	0	500	500	0	0
TOTAL	15.700	10.400	106.100	102.200	107.400	40.500	113.600	79.700	6.700	4.500	78.600	70.800

Anexo 70 (continuación)

	M23 I. Ballesteros		M24 B. Fanny		M25 E. Silva Palma		M26 E. Wickham		M27 E. Sullivan		M28 E. Nuñez	
	10-nov-09		29-nov-09		29-nov-09		29-nov-09		29-nov-09		29-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	800	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	500	200	0	1.500	0	1.500	0
<i>Cerataulina pelagica</i>	1.500	0	11.400	1.100	2.100	600	0	0	500	200	2.200	2.100
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	6.500	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	7.100	4.400	5.800	1.800	2.700	1.400	0	0	7.700	3.800	1.500	1.700
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	2.400	1.100	0	0	0	0	0	0	700	0	1.100	0
<i>Chaetoceros didymus</i>	0	1.600	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	1.200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	600	0	800	0
<i>Chaetoceros sp. 1</i>	1.200	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	1.900	0	18.800	5.600	2.200	0	0	0	10.200	0	3.800	400
<i>Cylindrotheca closterium</i>	1.200	0	0	0	0	1.100	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	600	1.800	0	0	1.600	0	0	0	0	0	0	0
<i>Fragilaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria spp.</i>	2.500	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	36.400	0	65.900	15.200	3.600	0	0	0	5.500	43.000	15.900	5.600
<i>Leptocylindrus danicus</i>	0	0	1.400	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	21.000	0	32.300	15.100	0	2.500	0	0	2.300	1.200	0	0
<i>Licmophora abbreviata</i>	6.100	800	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	2.600	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	1.700	500	200	200	100
<i>Pseudo-nitzschia cf. australis</i>	0	0	0	0	0	0	0	0	400	0	800	0
<i>P. cf. pseudodelicatissima</i>	700	0	0	0	2.500	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	400	0	0	0	200	0	0	0	0	0	0
<i>Skeletonema costatum</i>	600	0	0	0	0	0	0	0	0	0	700	0
<i>Stephanopyxis turris</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	12.600	0	0	0	0	0	0	0	0	0	0	100
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	2.100	0	0	1.900	1.500	0	5.900	600
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	1.400	0	0	1.000	0	900	200
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	400	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	2.600	0	2.600	1.100	2.400	0	3.100	1.400	45.100	39.000	6.900	1.000

Anexo 70 (continuación)

	M23 I. Ballesteros 10-nov-09		M24 B. Fanny 29-nov-09		M25 E. Silva Palma 29-nov-09		M26 E. Wickham 29-nov-09		M27 E. Sullivan 29-nov-09		M28 E. Nuñez 29-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	300	100
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	200	0	400	0	500	0	0	0	100	100	0	0
<i>Ceratium pentagonum</i>	400	0	300	0	600	0	400	0	300	0	900	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	200	0	0	0	0	0	200	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	100	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	100	0	0	400	100	200	200	0	0	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	1.200	0	0	500	200	400	0	0	100	300
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	600	0	0	0	0	100	400	0	0	100
EUGLENÓFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	99.400	17.800	138.400	39.900	21.800	7.700	3.300	5.000	77.500	87.800	42.200	11.800
TOTAL DINOFLAGELADOS	600	0	2.300	0	1.100	900	700	800	800	100	1.300	400
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	600	0	0	0	0	100	400	0	0	100
TOTAL	100.000	17.800	141.300	39.900	22.900	8.600	4.000	5.900	78.700	87.900	43.500	12.300

Anexo 70 (continuación)

	M29 Cutter Cove 29-nov-09		M30 B. Mussel 28-nov-09		M31 B. Nash 28-nov-09		M32 B. Cordes 28-nov-09		M33 B. Bell 28-nov-09		M34 S. Pedro 28-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	0	0	200	1.400	3.600	0	12.600	4.800	1.900	8.000	3.400	4.100
<i>Cerataulina pelagica</i>	200	2.000	1.200	0	0	0	0	800	0	0	400	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	36.500	47.800	39.600	1.400	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	1.600	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	1.400	1.800	1.900	22.000	70.900	0	29.600	31.600	32.000	12.200	310.500	36.900
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	11.600	0	0	0	9.400	500	0	0	0
<i>Chaetoceros didymus</i>	0	0	700	1.600	2.200	0	0	13.000	1.100	400	3.600	2.100
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	900	0	4.200	0	0	0	0	0	39.000	12.600
<i>Chaetoceros similis</i>	0	0	0	0	2.200	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	34.400	0	0	0	0
<i>Chaetoceros teres</i>	0	0	400	1.200	600	0	0	0	0	0	600	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	600	600	1.600	72.600	80.600	0	12.500	47.400	12.500	6.800	88.700	23.600
<i>Cylindrotheca closterium</i>	0	0	0	0	200	0	0	0	0	0	0	0
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	400	0	0	0	0	0	0	0
<i>Fragillaria virescens</i>	0	0	0	0	0	0	0	0	0	0	3.400	0
<i>Fragillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	900	4.800	500	0	800	0	0	0	0	600	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	4.200	1.800	600	0	5.400	0
<i>Leptocylindrus minimus</i>	0	0	0	0	0	0	2.600	1.200	0	0	10.800	1.200
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	700	0	600	2.600	600	500	1.200	900	0	0	3.200	1.800
<i>P. cf. pseudodelicatissima</i>	0	0	0	2.000	0	0	0	0	0	0	800	0
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	2.000	0	2.100	0	1.800	0	0	0	0
<i>Stephanopyxis turris</i>	0	800	0	2.800	200	0	0	800	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	800	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	600	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	5.600	1.200	15.400	64.500	44.400	14.800	124.500	87.400	12.500	8.600	256.700	25.600
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	25.500	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	1.400	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	1.500	3.000	500	200	600	0	6.300	2.600	0	400	400	500

Anexo 70 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	29-nov-09		28-nov-09		28-nov-09		28-nov-09		28-nov-09		28-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	100	700	2.800	800	200	2.200	1.500	500	0	0	200
<i>Amphidinium</i> spp.	0	0	0	0	100	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	400	0	0	0	100	200	0	0	0
<i>Ceratium pentagonum</i>	600	100	400	400	0	200	500	100	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	100	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	200	0	0	0	100	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	100	200	0	100	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium</i> spp.	0	0	0	0	0	0	0	400	100	0	0	100
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	100	200	0	400	0	0	0	0	0	100	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	400	0	300	0	0	0	100	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	100	500	0	200	0	500	200	200	400	100	100
EUGLENÓFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	10.900	14.400	23.900	185.500	212.100	17.400	230.000	285.700	100.700	38.400	755.400	108.400
TOTAL DINOFLAGELADOS	700	400	1.200	4.200	900	500	2.900	2.200	800	100	200	300
TOTAL SILICOFLAGELADOS	0	0	0	400	0	300	0	0	0	100	0	0
TOTAL OTROS	0	100	500	0	200	0	500	200	200	400	100	100
TOTAL	11.600	14.900	25.600	190.100	213.200	18.200	233.400	288.100	101.700	39.000	755.700	108.800

Anexo 70 (continuación)

	M35 Cabo Sn. Isidro 28-nov-09		M36 B. Buena 1-dic-09		M37 B. Agua Fresca 1-dic-09		M38 Río Seco 5-dic-09		M39 Pto. Zenteno 5-dic-09		M40 S. Ventisquero 17-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	3.600	6.300	0	0	0	0	0	0	0	0	22.800	1.300
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	15.200	11.100	0	5.400	0	0	7.700	0	0	2.600	73.900	21.400
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	800	0	1.600	500	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	19.300	21.500	0	0	0	0	0	0	11.200	0	57.800	800
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	0	0	0	5.700	0	3.600	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	20.200	500
<i>Chaetoceros laciniosus</i>	0	0	2.500	0	2.000	200	8.200	0	2.500	7.000	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	300	0	0	0	0	0	0	0	0	0	0	1.600
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	11.300
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	5.400	1.200	2.400	5.500	1.200	2.600	5.200	4.100	12.400	9.600	216.400	16.300
<i>Cylindrotheca closterium</i>	0	0	200	500	0	0	4.100	0	0	0	4.000	200
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragillaria virescens</i>	0	0	0	1.100	6.600	4.200	0	0	0	0	0	0
<i>Fragillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	200	0	0	600	1.000	0	5.900	0	963.500	1.399.900	16.100	0
<i>Leptocylindrus danicus</i>	1.800	500	7.500	1.100	1.400	900	1.400	0	0	0	18.800	900
<i>Leptocylindrus minimus</i>	87.400	12.500	12.900	0	2.200	2.700	2.900	1.400	9.900	21.500	26.900	900
<i>Licmophora abbreviata</i>	400	0	0	0	0	0	0	0	0	0	0	0
<i>Melosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	1.100
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	400	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	800	1.100	1.800	700	900	200	1.100	600	215.900	325.200	10.800	0
<i>P. cf. pseudodelicatissima</i>	10.300	3.900	1.600	0	600	0	2.500	0	21.600	11.100	25.500	2.000
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	1.000	0	0
<i>Skeletonema costatum</i>	5.400	0	0	0	1.400	600	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	500	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	800	1.400	0	0	0	0	1.800	0	0
<i>Thalassiosira anguste-lineata</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	29.700	21.300	150.500	36.500	1.800	7.400	3.800	2.700	2.700	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	14.800	12.500	2.100	0	0	0	0	0	0	0	156.000	6.300
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	600	800	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	41.700	21.600	1.200	0	600	1.100	700	400	1.100	200	0	0

Anexo 70 (continuación)

	M35 Cabo Sn. Isidro 28-nov-09		M36 B. Buena 1-dic-09		M37 B. Agua Fresca 1-dic-09		M38 Río Seco 5-dic-09		M39 Pto. Zenteno 5-dic-09		M40 S. Ventisquero 17-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	1.000	600	200	0	200	0	300	0	0	0	1.500	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Dinophysis</i> spp.	200	200	100	100	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	100	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	200	0	300	0	0	0	0	0	0	200	200	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	200	600	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Protoperidinium pentagonum</i>	0	0	400	0	0	200	100	0	0	400	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	3.500	0	0
<i>Protoperidinium</i> spp.	400	100	200	100	100	0	0	0	0	400	400	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Dinoflagelados indet.</i>	0	100	600	0	0	0	0	200	0	0	200	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	200	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	600	0	200	100	500	200	0	500	0	0	600	100
EUGLENOFÍCEAS												
<i>Euglenofíceas indet.</i>	0	0	0	0	100	0	0	0	0	0	0	0
TOTAL DIATOMEAS	207.300	92.200	62.700	37.000	171.400	49.500	41.500	19.600	#####	1.787.400	651.900	64.700
TOTAL DINOFLAGELADOS	1.800	1.000	2.100	200	400	200	400	200	200	5.700	2.300	100
TOTAL SILICOFLAGELADOS	0	0	200	0	0	0	0	0	0	0	0	0
TOTAL OTROS	600	0	200	100	600	200	0	500	0	0	600	100
TOTAL	209.700	93.200	65.200	37.300	172.400	49.900	41.900	20.300	#####	1.793.100	654.800	64.900

Anexo 70 (continuación)

	M41 V. España		M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	17-nov-09		17-nov-09		17-nov-09		17-nov-09		19-nov-09		18-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Achnanthes longipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Asterionellopsis glacialis</i>	65.900	56.400	2.900	1.400	1.000	600	0	1.200	0	600	1.100	0
<i>Cerataulina pelagica</i>	0	500	0	200	0	0	0	0	2.800	0	0	0
<i>Chaetoceros cinctus</i>	154.800	12.400	12.400	53.800	0	15.400	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	1.000	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	1.400	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	69.700	6.500	32.100	9.800	1.000	200	0	22.800	21.500	25.600	31.200	4.400
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	120.800	124.500	0	121.000	0	0	0	0
<i>Chaetoceros didymus</i>	36.900	21.400	74.500	4.200	56.900	12.300	0	267.500	13.400	126.100	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	600	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	96.400	124.500	231.500	110.300	145.200	25.900	0	123.600	41.700	5.300	5.900	4.200
<i>Cylindrotheca closterium</i>	600	500	0	800	0	0	0	2.700	0	0	0	400
<i>Detonula pumila</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	400	200	0	0	0	0	0	0
<i>Fragillaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragillaria spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	23.600	46.800	11.200	6.200	14.800	15.400	0	6.700	0	0	0	600
<i>Leptocylindrus danicus</i>	16.400	6.300	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	69.400	24.800	1.800	0	1.400	0	5.200	44.400	0	0	36.900	12.000
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Melosira spp.</i>	200	500	0	0	37.600	36.500	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	400
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	32.100	33.200	25.600	4.000	5.400	1.200	59.700	25.500	14.800	2.500	6.900	800
<i>P. cf. pseudodelicatissima</i>	25.600	5.600	36.400	36.300	13.600	6.700	39.700	64.500	18.800	28.900	6.400	600
<i>Pseudo-nitzschia cf. pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	600	0	900	200	0	0	0	0	200	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	400	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	68.700	6.500	12.700	0	47.000	12.400	0	12.100	26.900	0	0	5.400
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	15.100	6.800	9.800	7.200	0	0	0	5.400	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	2.100	1.500	12.600	9.200	0	12.000	0	0	0	0	0	0
<i>Thalassiosira cf. minuscula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	12.300	6.200	25.500	14.800	0	11.100	0	0	0	0	0	1.200

Anexo 70 (continuación)

	M41 V. España 17-nov-09		M42 V. Holanda 17-nov-09		M43 B. Yendegaia 17-nov-09		M44 Pto. Navarino 17-nov-09		M45 Pto. Williams 19-nov-09		M46 Pto. Eugenia 18-nov-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	1.600	200	1.500	500	5.000	0	0	0	2.600	200	0	0
<i>Amphidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium furca</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	100	200	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Corythodinium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	200	0	0	0	200	0	0	0	0
<i>Dinophysis</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gymnodinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> sp. 3	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium</i> spp.	200	500	0	0	0	0	0	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Phalacroma rotundatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium</i> spp.	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	200	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	200	500	100	600	400	0	0	0	0	300	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. grani</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	400	100	500	100	0	0	100	0	0	200	0	0
<i>Protoperidinium</i> spp.	600	400	300	700	200	0	100	0	0	0	0	200
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	600	200	800	0	0	0	200	0	600	0	800
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	200	100	0	200	0	100	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	100	600	200	300	400	0	200	600	200	100	0	0
EUGLENÓFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	690.400	360.400	489.900	260.400	445.100	274.400	104.600	698.800	140.100	189.000	88.400	30.200
TOTAL DINOFLAGELADOS	3.100	2.500	2.600	2.900	5.600	0	200	600	2.600	1.300	0	1.000
TOTAL SILICOFLAGELADOS	0	200	100	0	200	0	100	0	0	0	0	0
TOTAL OTROS	100	600	200	300	400	0	200	600	200	100	0	0
TOTAL	693.600	363.700	492.800	263.600	451.300	274.400	105.100	700.000	142.900	190.400	88.400	31.200

Anexo 71

Densidad de fitoplancton (cél·L⁻¹) en la región de Magallanes.

Crucero 10 (7 diciembre de 2009 – 13 enero 2010).

	M04 C. Adalberto		M05 B. Liberta		M06 Pto. Edén		M01N I. Morton		M02N I. Carlos		M03N A. Hamond	
	9-dic-09		9-dic-09		9-dic-09		9-dic-09		9-dic-09		9-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	200	0	0	1.200	1.000	0	0
<i>Cerataulina pelagica</i>	0	0	700	400	0	0	0	1.100	200	0	300	0
<i>Chaetoceros cinctus</i>	94.100	244.800	142.200	328.000	170.700	245.500	0	6.100	11.000	36.600	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	151.800	322.600	24.200	5.600	0	0	0	4.400	0	2.800	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	30.900	168.200	36.800	51.100	0	0	4.600	1.200	13.400	16.600	0	0
<i>Chaetoceros didymus</i>	0	0	1.500	37.600	0	0	0	0	600	300	2.100	1.400
<i>Chaetoceros laciniosus</i>	0	0	0	0	30.900	15.500	0	1.900	0	0	3.200	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	15.800	8.600	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	2.200	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	1.900	0	0	0	0	0	202.800	193.600	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	0	0	2.900	0	39.000	210.800	6.000	31.400	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	0	0	25.500	19.000	13.400	6.400	12.100	8.200	9.400	200
<i>Dactyliosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	100	500	0	0	0	0	0	0	0	0
<i>Eucaampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	300	0
<i>Fragilaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	200	0	0	0	0	0
<i>Guinardia delicatula</i>	59.100	241.200	12.300	63.200	16.100	0	10.800	0	20.200	0	0	3.400
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	200	0	0	0	0	1.000	600	0	0	200	0
<i>Leptocylindrus mediterraneus</i>	0	0	1.200	4.000	0	0	0	0	0	0	1.000	3.800
<i>Leptocylindrus minimus</i>	158.600	214.300	20.800	64.500	25.500	49.400	5.600	16.800	18.800	21.400	1.600	800
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	100	0	200	0	0	0	200
<i>Nitzschia spp.</i>	0	0	0	0	0	100	0	0	0	100	0	0
<i>Pleurosigma directum</i>	0	0	400	600	0	0	0	0	0	0	0	0
<i>Proboscía alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	8.400	11.600	14.900	78.000	3.000	6.600	3.200	11.200	5.400	3.000	0	0
<i>P. cf. pseudodelicatissima</i>	2.764.000	844.200	1.066.200	1.486.500	493.200	1.203.800	821.200	477.200	802.400	166.400	31.200	7.800
<i>Rhizosolenia pungens</i>	1.000	4.600	164.200	209.700	6.700	7.800	8.100	2.700	4.000	11.800	2.600	800
<i>Rhizosolenia setigera</i>	1.800	3.400	500	0	600	2.100	4.000	1.200	0	0	200	200
<i>Rhizosolenia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	2.800	1.200	37.600	21.500	39.000	42.500	12.100	30.200	5.400	1.600
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschoides</i>	0	0	1.200	1.800	0	0	0	0	200	300	600	400
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	1.200	0	300	0	0	0	3.600	0	0
<i>Thalassiosira mendiolana</i>	4.600	12.400	41.300	64.500	1.600	0	0	0	40.300	1.100	0	0
<i>Thalassiosira rotula</i>	0	0	12.100	5.400	2.400	1.000	1.200	900	0	0	1.200	600
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	22.800	30.900	3.000	11.000	2.600	3.300	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	2.600	1.000	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	200	600	200	1.400	0	0	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	800	100	0	0	200	200	0	0

Anexo 71 (continuación)

	M04 C. Adalberto 9-dic-09		M05 B. Liberta 9-dic-09		M06 Pto. Edén 9-dic-09		M01N I. Morton 9-dic-09		M02N I. Carlos 9-dic-09		M03N A. Hamond 9-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	200	0	0	0	100	0	0
<i>Gyrodinium cf. fusus</i>	100	0	300	300	300	1.000	300	400	0	0	200	0
<i>Gyrodinium cf. lachryma</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	200	0	100	0	0	1.600	500	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium spp.</i>	0	0	0	0	0	100	0	0	400	0	200	0
<i>Protoperidinium claudicans</i>	0	0	0	200	0	0	0	0	0	0	0	0
<i>Protoperidinium conicoideis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	100	100	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoideis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	100	0	0	0	0	100	0	200	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	200	0	0	200	0	300	100	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	200	0	0	600	300	600	100	1.400	1.100	200	200
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	100	100	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	400	200	200	200	100	400	200	200	200	400	100	200
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	3.274.300	2.067.500	1.571.000	2.436.900	856.800	1.795.400	936.900	619.100	1.147.500	498.200	59.300	21.200
TOTAL DINOFLAGELADOS	100	400	400	700	1.100	1.700	900	800	3.400	2.300	800	200
TOTAL SILICOFAGELADOS	100	100	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	400	200	200	200	100	400	200	200	200	400	100	200
TOTAL	3.274.900	2.068.200	1.571.600	2.437.800	858.000	1.797.500	938.000	620.100	1.151.100	500.900	60.200	21.600

Anexo 71 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Penguin		M10 S. Europa	
	9-dic-09		9-dic-09		9-dic-09		9-dic-09		8-dic-09		8-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	300	0	0	400	0	1.200	800	0	0
<i>Cerataulina pelagica</i>	900	200	0	0	200	0	0	0	1.200	200	0	0
<i>Chaetoceros cinctus</i>	0	0	0	0	0	0	1.200	0	3.400	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	0	0	0	400	0	0	3.700	1.200	41.100	29.600	0	0
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	1.300	1.000	2.000	0	0	1.800	3.000	0	0
<i>Chaetoceros didymus</i>	3.200	400	0	500	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	600	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	400	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	430.500	110.600	0	0	0	13.400	2.600	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	14.100	6.200	600	3.900	0	0	1.400	0	0	0	0	0
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Cylindrotheca closterium</i>	1.600	400	600	2.000	1.600	500	2.800	600	3.600	600	2.200	1.800
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	200	0	0
<i>Eucampia zodiacus</i>	800	1.600	0	200	0	0	0	0	0	0	0	0
<i>Fragilaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	9.200	5.000	0	4.000	0	0	5.000	1.400	11.700	3.100	5.800
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	400	600	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	300	0	0	0	0	0	0	5.800	4.200
<i>Leptocylindrus mediterraneus</i>	200	800	0	0	0	0	0	0	0	0	1.800	2.100
<i>Leptocylindrus minimus</i>	0	0	1.200	1.900	800	1.100	0	0	3.200	400	1.600	400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	100	200	0	0	200	100	0	0	100	200	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	400	200	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	100	0	0	100	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	1.400	1.200	800	1.900	0	0	0	0	0	0	100	1.200
<i>P. cf. pseudodelicatissima</i>	5.100	3.200	26.200	4.400	71.200	11.100	41.500	52.400	8.200	6.700	33.600	9.400
<i>Rhizosolenia pungens</i>	0	200	0	0	0	0	1.000	600	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	400	200	200	1.400	0	0	0	0	0	0
<i>Rhizosolenia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	2.600	6.200	8.300	5.200	41.200	13.500	8.500	16.400
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	200	200	0	0	0	100	0	0	600	200	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	2.800	600	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	3.200	1.600	0	0	0	0	0	0	1.200	0	0	0
<i>Diatomea pennada 1</i>	0	0	0	100	0	0	100	0	0	0	0	0

Anexo 71 (continuación)

	M07 I. Crossover		M24N Paso del Abismo		M08 E. Falcon		M25N E. Ringdove		M09 E. Pengüin		M10 S. Europa	
	9-dic-09		9-dic-09		9-dic-09		9-dic-09		8-dic-09		8-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	0	0	200	0	0	0	0	0	0	200
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	0	0	300	100
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	100	100	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	100	300	0	0	200	100
<i>Gyrodinium cf. fusus</i>	0	0	800	400	600	200	0	0	0	0	0	100
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	600	100	0	0	0	0
<i>Gyrodinium spp.</i>	100	0	0	0	0	0	500	400	200	200	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium spp.</i>	0	0	0	0	0	200	0	0	500	200	100	200
<i>Protoperidinium claudicans</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Protoperidinium conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	100	100	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	100	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	200	100	100	100	100	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	200	400	100	100	200	600	200	0	100	300
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	600	300	900	100	600	400	300	0	300	400	500	700
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	100	100	100	200
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	200	100	0	300	100	100	100	100	0	0	100	200
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	464.100	136.600	34.800	18.100	81.800	35.900	63.900	65.200	108.600	67.700	56.700	41.400
TOTAL DINOFLAGELADOS	700	300	2.100	1.100	1.600	1.000	1.800	1.500	1.400	1.000	1.200	1.800
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	100	100	100	200
TOTAL OTROS	200	100	0	300	100	100	100	100	0	0	100	200
TOTAL	465.000	137.000	36.900	19.500	83.500	37.000	65.800	66.800	110.100	68.800	58.100	43.600

Anexo 71 (continuación)

	M11 I. Topar		M12 I. Figueroa		M13 E. Peel		M14 Pto. Bueno		M15 I. Vancouver		M16 I. Piazzi	
	8-dic-09		8-dic-09		8-dic-09		8-dic-09		8-dic-09		7-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	1.600	400	2.300	9.400	1.800	400	2.100	400	0	0
<i>Cerataulina pelagica</i>	1.100	400	200	1.000	0	0	0	0	0	0	41.700	28.400
<i>Chaetoceros cinctus</i>	0	0	0	0	11.500	43.000	6.200	27.400	86.400	122.300	627.600	411.800
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	200	1.000	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	3.500	5.800	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	39.600	87.400	142.200	84.700	329.800	748.600	2.400	12.100	211.400	151.900	224.400	105.200
<i>Chaetoceros decipiens</i>	0	0	1.600	1.000	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	1.200	800	0	0	64.100	111.600	0	0	30.800	52.400	300	2.100
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	600	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	4.800	1.600	0	0	0	0	0	0	3.400	2.800
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	198.900	268.800	0	0	0	0	13.400	26.300
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	12.600	20.200	0	0	9.400	33.600	15.200	9.900	34.400	5.400	284.900	165.200
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	2.000	400	14.700	39.000	6.800	2.700	10.400	30.900	25.500	2.600
<i>Dactyliosolen fragilissimus</i>	0	0	400	700	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	100	1.300	0	0	0	0	0	500
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	4.600	25.500	36.900	150.500	266.800	814.500	169.400	61.800	7.300	164.000	0	0
<i>Guinardia flaccida</i>	0	0	200	100	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	200	0	0	0	0	200	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	100	100	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	600	1.400	0	0	1.400	2.200	23.600	17.100	2.500	800	0	0
<i>Leptocylindrus minimus</i>	200	400	0	0	16.500	45.700	4.600	2.000	0	0	0	0
<i>Licmophora abbreviata</i>	0	0	0	0	100	400	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	900	1.400	1.000	3.900	600	16.100	0	0	2.000	900	100	400
<i>P. cf. pseudodelicatissima</i>	23.100	41.700	2.300	25.500	2.900	165.300	2.200	600	3.600	16.100	600	2.800
<i>Rhizosolenia pungens</i>	0	0	300	100	400	800	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	200	100	400	100	100	0
<i>Rhizosolenia spp.</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Skeletonema costatum</i>	12.800	33.600	14.200	800	6.200	28.200	13.200	8.100	0	0	700	800
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	2.100	1.500
<i>Thalassionema nitzschioides</i>	0	0	1.000	200	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	900	1.200	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	200	1.200	1.600	900	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	25.500	36.300	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	6.200	1.000	0	0	0	0	0	0	800	0	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 71 (continuación)

	M11 I. Topar 8-dic-09		M12 I. Figueroa 8-dic-09		M13 E. Peel 8-dic-09		M14 Pto. Bueno 8-dic-09		M15 I. Vancouver 8-dic-09		M16 I. Piazzi 7-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	400	0	300	0	0	0	200	0	18.500	6.900
<i>Ceratium fusus</i>	0	0	100	200	0	0	0	0	0	0	100	100
<i>Ceratium lineatum</i>	0	0	0	0	0	0	0	0	100	200	1.000	400
<i>Ceratium pentagonum</i>	0	0	0	0	400	300	100	200	300	600	100	400
<i>Ceratium tripos</i>	0	0	0	0	100	100	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	600	200	300	400
<i>Gyrodinium cf. fusus</i>	0	0	100	200	0	0	0	0	0	0	0	100
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	200	300	0	0	600	500	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	400	300	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	100	200	0	0	0	0	0	0	0	0
<i>Protoperidinium conicoideis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoideis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	100	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	200	100	0	0	300	200	400	100	500	200	700	100
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	1.000	400	600	600	300	600	0	0	500	300	100	200
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	100	100	0	0	300	800	200	0	0	0	0	200
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	100	200	0	0	0	0	300	200	200	400
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	104.100	216.300	210.300	272.000	954.900	2.371.700	245.600	142.800	392.300	545.200	1.224.800	750.400
TOTAL DINOFLAGELADOS	1.300	600	1.300	1.200	1.600	1.500	500	300	3.200	2.300	20.800	8.700
TOTAL SILICOFAGELADOS	100	100	0	0	300	800	200	0	0	0	0	200
TOTAL OTROS	0	0	100	200	0	0	0	0	300	200	200	400
TOTAL	105.500	217.000	211.700	273.400	956.800	2.374.000	246.300	143.100	395.800	547.700	1.245.800	759.700

Anexo 71 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	11-dic-09		11-dic-09		11-dic-09		11-dic-09		11-dic-09		11-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Cerataulina pelagica</i>	21.800	33.600	6.400	21.500	7.200	22.800	14.100	63.200	33.600	4.100	0	0
<i>Chaetoceros cinctus</i>	4.600	39.000	19.900	52.400	151.400	372.300	63.600	118.300	155.900	22.400	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	3.200	1.100	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	31.600	86.000	9.300	26.200	13.400	49.700	26.200	91.400	173.400	366.400	5.200	69.900
<i>Chaetoceros decipiens</i>	2.300	3.400	0	0	0	0	0	0	0	0	0	65.900
<i>Chaetoceros diadema</i>	19.500	56.400	1.400	15.500	600	1.000	25.200	43.000	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	800	500
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	1.200	2.600
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	16.600	41.700	26.400	143.100	118.300	166.700	5.700	64.000	1.948.800	2.293.600	822.500	438.100
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	1.800	0	0	0	0	0	4.000	2.800
<i>Chaetoceros spp.</i>	31.800	48.400	164.700	245.000	25.800	41.700	33.400	82.000	333.300	599.800	102.100	63.200
<i>Coscinodiscus janischii</i>	0	100	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	12.200	9.000	0	0	200	3.100	2.600	1.400	6.700	1.900	500	1.400
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	400	200	0	0	0	0	0	0	0	0	100	500
<i>Guinardia delicatula</i>	18.200	3.100	4.600	16.100	5.600	1.600	21.400	10.800	5.600	400	92.400	165.300
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	300	200
<i>Gyrosigma spp.</i>	100	200	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	0	0	0	1.200	0	0	0	0	2.200	1.300	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	0	0	900	1.400	2.000	400	64.500	18.800	79.400	60.500
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	400	300	0	0
<i>Nitzschia spp.</i>	1.000	3.100	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	100	100	0	0	0	0	0	0	100	0
<i>Proboscia alata</i>	0	0	200	100	0	0	100	400	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	0	0	400	1.800	1.600	5.800	0	0	3.200	6.600	2.500	0
<i>P. cf. pseudodelicatissima</i>	11.900	29.600	3.600	14.100	18.200	4.900	9.500	2.800	121.000	441.600	32.400	110.200
<i>Rhizosolenia pungens</i>	300	600	0	0	0	0	0	0	1.800	500	0	0
<i>Rhizosolenia setigera</i>	200	200	0	300	300	400	0	200	0	0	100	1.200
<i>Rhizosolenia spp.</i>	0	200	0	0	100	200	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	9.200	21.500	0	0	0	0	6.800	27.600	61.200	44.400
<i>Stephanopyxis turris</i>	3.400	16.100	1.200	3.300	500	4.900	6.200	10.800	32.900	41.800	7.000	18.200
<i>Thalassionema nitzschioides</i>	0	0	900	600	0	0	0	0	600	1.400	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	200	1.600	0	0
<i>Thalassiosira mendiolana</i>	500	800	0	0	2.200	400	0	0	0	0	3.400	1.800
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	3.600	1.000	0	0	0	0	200	600
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	1.000	2.500	0	0
<i>Thalassiosira spp.</i>	3.900	600	0	0	0	0	2.400	800	2.600	900	400	200
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 71 (continuación)

	M17 Cta. Williams		M18 B. Ensenada		M19 B. Isthmus		M20 I. Larga		M21 Pto. Fontaine		M22 E. de las Montañas	
	11-dic-09		11-dic-09		11-dic-09		11-dic-09		11-dic-09		11-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	5.500	600	6.800	1.300	41.200	53.800	23.800	44.400	2.300	6.500	0	0
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	400	300	400	600	600	1.200	100	400	200	200	0	0
<i>Ceratium pentagonum</i>	500	200	100	200	100	400	0	400	100	200	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	400	300	200	100	400	1.600	300	600	200	400	800	200
<i>Gyrodinium cf. fusus</i>	200	0	0	0	0	0	0	0	100	100	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	400	300	300	500	400	1.000	800	600	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicoides</i>	0	0	0	0	0	0	0	0	0	0	100	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	200	0	0	0	0	100	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	600	200	100	100	0	0	0	0	400	100	200	400
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	100	1.000	100	200	100	0	0	400	300	200	1.300	600
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	400	100	0	0	100	200	300	200	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	200	100	0	0	100	400	0	0	200	300	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	180.300	372.300	248.300	562.800	351.700	677.900	212.400	489.500	2.897.700	3.834.600	1.215.900	1.047.500
TOTAL DINOFLAGELADOS	8.100	2.900	8.000	3.000	42.800	58.200	25.000	46.800	3.600	7.700	2.500	1.200
TOTAL SILICOFLAGELADOS	400	100	0	0	100	200	300	200	0	0	0	0
TOTAL OTROS	200	100	0	0	100	400	0	0	200	300	0	0
TOTAL	189.000	375.400	256.300	565.800	394.700	736.700	237.700	536.500	2.901.500	3.842.600	1.218.400	1.048.700

Anexo 71 (continuación)

	M23 I. Ballesteros 11-dic-09		M24 B. Fanny 13-ene-10		M25 E. Silva Palma 13-ene-10		M26 E. Wickham 13-ene-10		M27 E. Sullivan 13-ene-10		M28 E. Nuñez 13-ene-10	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	0	0	400	0	0	0	0	0	0	0	65.900	118.200
<i>Cerataulina pelagica</i>	9.400	11.500	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	20.200	161.300	0	600	0	0	0	0	0	0	0	0
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	1.100	700	0	0	0	0
<i>Chaetoceros debilis</i>	186.800	132.600	0	0	0	0	0	0	18.800	22.600	0	0
<i>Chaetoceros decipiens</i>	22.800	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	4.000	2.800	0	0	0	0	1.200	0	4.600	8.200	8.100	4.300
<i>Chaetoceros didymus</i>	0	0	1.000	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	2.266.000	3.166.200	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	300
<i>Chaetoceros sp. 1</i>	3.000	16.600	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	59.100	243.300	0	0	0	0	0	0	1.600	1.400	10.800	3.900
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	200	0
<i>Cylindrotheca closterium</i>	3.100	2.700	0	0	400	500	0	0	0	0	1.300	1.000
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	44.400	12.100	800	400	0	0	0	0	1.400	3.300	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	200	100	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	6.700	2.000	0	2.000	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	5.800	2.800	109.000	5.200	2.600	200	1.000	1.300	53.200	124.400	14.800	33.600
<i>Licmophora abbreviata</i>	200	100	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	100	100	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	200	100	100	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	100	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	1.600	900	400	0	0	0	0	0	2.800	1.100	28.200	48.800
<i>P. cf. pseudodelicatissima</i>	158.600	82.900	7.200	2.400	1.000	400	0	0	0	500	6.700	14.000
<i>Rhizosolenia pungens</i>	400	200	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	200	0	0	0	0	0	0	0	0	100	0	100
<i>Rhizosolenia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	5.400	16.900	0	0	2.600	500	0	0	1.000	4.800	33.600	21.300
<i>Stephanopyxis turris</i>	30.900	90.400	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	400	300	800	200	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	20.200	63.800
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	800	9.200	0	0	0	0	0	0	6.400	2.800	14.800	3.700
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	400	3.100	0	900	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	200	100	0	0	0	0	800	1.200	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 71 (continuación)

	M23 I. Ballesteros 11-dic-09		M24 B. Fanny 13-ene-10		M25 E. Silva Palma 13-ene-10		M26 E. Wickham 13-ene-10		M27 E. Sullivan 13-ene-10		M28 E. Nuñez 13-ene-10	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	0	0	1.400	500	0	0	0	0	3.000	6.200	17.200	2.800
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	0	0	0	0	0	300	200	100	200	200	200
<i>Ceratium pentagonum</i>	200	600	0	100	200	100	0	0	200	500	800	300
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	400	800	0	100	0	0	0	0	100	200	0	0
<i>Gyrodinium cf. fusus</i>	0	0	100	0	0	0	0	0	0	0	100	200
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	200	0	0	200	0	0	0	0	0
<i>Heterocapsa triquetra</i>	0	0	0	0	0	100	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	200	0	0	0	0	0	0	0	0	0
<i>Preperidinium spp.</i>	200	100	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium conicoides</i>	0	0	0	0	100	0	0	0	0	0	0	0
<i>Protoperdinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium cf. bipes</i>	0	0	0	0	0	0	100	0	0	0	0	0
<i>Protoperdinium cf. conicoides</i>	0	0	0	0	0	0	0	0	100	100	0	0
<i>Protoperdinium cf. mite</i>	0	0	0	0	0	0	0	0	100	0	0	0
<i>Protoperdinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	200	100
<i>Protoperdinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium spp.</i>	400	0	0	100	300	200	400	100	200	100	200	200
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	400	500	600	0	100	300	0	0	0	0	0	0
SILICOFLAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	100	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	0	0	200	200	100	100	200	400	300	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	100	800	0	0
TOTAL DIATOMEAS	2.830.000	3.957.700	119.000	11.900	7.200	2.100	4.100	2.200	90.600	170.400	204.600	313.000
TOTAL DINOFLAGELADOS	1.800	2.000	2.300	1.000	700	700	1.000	300	3.800	7.300	18.700	3.800
TOTAL SILICOFLAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	0	0	200	200	200	100	200	500	1.100	0	0
TOTAL	2.831.800	3.959.700	121.300	13.100	8.100	3.000	5.200	2.700	94.900	178.800	223.300	316.800

Anexo 71 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	13-ene-10		13-ene-10		13-ene-10		13-ene-10		12-ene-10		12-ene-10	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	600	1.200	2.500	1.600	5.400	1.800	115.600	214.100	173.400	674.400	6.400	2.300
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	0	0	5.900	2.000	0	0	0	0	0	0	9.400	23.200
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	1.000	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	10.000	7.000	6.200	4.600	87.400	5.300	0	0	103.500	268.100	34.600	72.200
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	8.800	15.500	26.200	0	0	0	0	12.100	14.800	3.200	600
<i>Chaetoceros didymus</i>	0	13.200	0	0	86.300	102.300	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	57.800	32.900	0	0	21.500	45.200	0	0
<i>Chaetoceros radicans</i>	9.000	32.800	2.700	10.200	111.600	261.400	39.000	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	1.200	400	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros spp.</i>	13.200	8.200	2.600	14.000	86.000	19.600	36.300	42.200	71.200	11.500	6.800	30.600
<i>Coscinodiscus janischii</i>	0	0	100	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	400	0	500	0	1.300	2.200	0	0	200	400	200	600
<i>Dactylosolen fragilissimus</i>	0	400	600	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	200	0	200
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	151.900	4.400	98.600	379.000	0	1.200	14.800	25.500	41.700	9.300	0	0
<i>Guinardia flaccida</i>	200	0	300	300	0	0	0	0	0	0	400	200
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	400	8.800	3.100	600	45.700	73.200	0	0	6.700	22.100	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	127.700	888.300	19.400	72.600	51.100	144.700	0	0	53.800	208.600	9.000	164.200
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	5.200	3.400	3.600	2.800	17.700	21.400	64.500	15.200	41.700	9.800	2.400	6.300
<i>P. cf. pseudodelicatissima</i>	400	0	1.300	4.600	18.800	31.200	34.900	7.600	121.000	62.400	33.600	17.200
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	400	0	0	0
<i>Rhizosolenia setigera</i>	100	0	200	400	0	0	0	0	200	200	0	0
<i>Rhizosolenia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	2.700	9.400	0	0	33.600	12.200	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	0	2.700	900	0	0
<i>Thalassiosira anguste-lineata</i>	0	800	0	0	0	0	0	0	0	0	0	600
<i>Thalassiosira delicatula</i>	400	0	0	0	1.200	4.900	0	0	166.700	83.300	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	8.400	0	0	25.500	18.200	32.300	14.800	9.200	700	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	5.400	1.200	0	0	600	2.200	1.200	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	71.200	42.900
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. mendiolana</i>	0	0	1.500	2.200	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	1.200	800	2.000	600	6.700	8.100	12.100	3.900	0	0	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 71 (continuación)

	M29 Cutter Cove		M30 B. Mussel		M31 B. Nash		M32 B. Cordes		M33 B. Bell		M34 S. Pedro	
	13-ene-10		13-ene-10		13-ene-10		13-ene-10		12-ene-10		12-ene-10	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	9.200	4.200	11.800	7.000	6.800	500	3.600	1.800	300	0	7.800	2.300
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	200	200	100	200	0	0	0	0	0	0	200	400
<i>Ceratium pentagonum</i>	200	400	400	100	0	0	200	500	200	200	0	0
<i>Ceratium tripos</i>	0	0	0	0	200	100	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	100	100	0	0	0	0	0	0	0	100
<i>Gyrodinium cf. fusus</i>	0	400	0	0	0	0	200	300	0	0	200	0
<i>Gyrodinium cf. lachryma</i>	0	0	200	100	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	400	0	0	0	0	0	0	0	600	1.000
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	200	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicoides</i>	0	0	0	0	0	0	0	0	100	200	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium pentagonum</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	100	0	0	100	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	200	100	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	0	0	0	100	200	600	100	100	400	300
<i>Scrippsiella trochoidea</i>	0	0	200	0	0	0	0	0	0	0	400	1.600
<i>Dinoflagelados indet.</i>	0	400	0	0	0	100	0	0	0	0	1.600	500
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	200	400	0	0	0	0	0	0	0	0	600	100
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	800	1.200	0	0	0	0
TOTAL DIATOMEAS	321.700	986.500	166.600	521.700	610.600	739.000	349.500	323.300	861.400	1.426.700	178.400	361.100
TOTAL DINOFLAGELADOS	9.800	5.800	13.300	7.500	7.000	900	4.400	3.300	700	500	11.200	6.200
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	200	400	0	0	0	0	800	1.200	0	0	600	100
TOTAL	331.700	992.700	179.900	529.200	617.600	739.900	354.700	327.800	862.100	1.427.200	190.200	367.400

Anexo 71 (continuación)

	M35 Cabo Sn. Isidro		M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco		M39 Pto. Zenteno		M40 S. Ventisquero	
	12-ene-10		7-ene-10		7-ene-10		8-ene-10		8-ene-10		19-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	5.100	3.000	600	200	0	0	0	0	100	0	300	2.600
<i>Cerataulina pelagica</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros cinctus</i>	0	0	3.400	1.200	0	0	0	0	0	0	12.200	24.600
<i>Chaetoceros constrictus</i>	0	0	600	1.800	1.000	900	2.300	1.800	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	61.400	23.400	300	2.600	2.400	1.800	0	0	0	0	20.200	138.600
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	400	1.000	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros didymus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	0	0	0	0	0	0	0	0	0	0	1.200	6.800
<i>Chaetoceros teres</i>	200	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	0	0	0	0	0	0	0	400	1.000
<i>Chaetoceros spp.</i>	12.100	5.400	1.600	800	1.000	2.400	0	0	4.200	3.700	1.300	10.600
<i>Coscinodiscus janischii</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	0	0	200	100	200	200	0	0	600	100	400	0
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria virescens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	6.400	1.000	0	0	0	0	0	0	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	600	0	0	300	600	100	0	0	0	0	0	600
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	0	0	800	300	1.400	1.600	0	0	1.000	0	1.100	2.100
<i>Licmophora abbreviata</i>	0	0	800	600	200	1.400	0	0	600	100	0	0
<i>Navicula spp.</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	5.400	8.600	14.300	3.600	2.100	1.800	0	0	0	0	2.100	400
<i>P. cf. pseudodelicatissima</i>	3.900	800	7.700	5.400	3.000	21.900	0	0	400	0	136.000	82.400
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	1.000	600	1.300	2.200	400	1.000	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	2.400	300	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	0	0	0	0	0	0	0	0	0	1.600	400
<i>Thalassiosira cf. mendiolana</i>	3.400	1.000	0	0	0	0	0	0	600	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 71 (continuación)

	M35 Cabo Sn. Isidro		M36 B. Buena		M37 B. Agua Fresca		M38 Río Seco		M39 Pto. Zenteno		M40 S. Ventisquero	
	12-ene-10		7-ene-10		7-ene-10		8-ene-10		8-ene-10		19-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	21.000	9.800	3.600	1.400	2.200	5.300	0	0	0	0	800	1.400
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	100	100	300	0	100	0	0	0	0	200	500
<i>Ceratium pentagonum</i>	0	0	200	800	400	100	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	100	200
<i>Gyrodinium cf. fusus</i>	0	0	200	100	100	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	0	0	0	0	0	0	0	0	500	400
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	0	0	0	0	0	100
<i>Protoperidinium pentagonum</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	100	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	200	100	100	200	0	0	100	0	0	0	200	0
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	400	0	200	400	300	200	200	0	100	0	0	0
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	100	0	0	0	100	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	400	600	200	300	100	100	0	0	0	0	0	0
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL DIATOMEAS	102.400	45.100	31.600	19.100	12.300	33.100	2.300	1.800	7.500	3.900	176.800	270.200
TOTAL DINOFLAGELADOS	21.800	10.000	4.400	3.200	3.000	5.700	300	0	100	0	1.800	2.600
TOTAL SILICOFAGELADOS	0	0	0	0	100	0	0	0	100	0	0	0
TOTAL OTROS	400	600	200	300	100	100	0	0	0	0	0	0
TOTAL	124.600	55.700	36.200	22.600	15.500	38.900	2.600	1.800	7.700	3.900	178.600	272.800

Anexo 71 (continuación)

	M41 V. España		M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	19-dic-09		19-dic-09		20-dic-09		20-dic-09		20-dic-09		21-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DIATOMEAS												
<i>Asterionellopsis glacialis</i>	1.700	4.400	700	0	600	200	1.400	20.200	21.500	38.400	29.900	2.800
<i>Cerataulina pelagica</i>	100	100	0	0	400	200	0	0	100	0	100	200
<i>Chaetoceros cinctus</i>	1.900	1.400	0	0	0	0	499.100	643.800	379.000	340.200	266.800	914.700
<i>Chaetoceros constrictus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros convolutus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros curvisetus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros debilis</i>	9.400	5.800	13.900	4.000	26.500	0	664.200	1.330.600	678.800	192.400	1.866.200	2.412.000
<i>Chaetoceros decipiens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros diadema</i>	0	0	0	0	2.800	4.200	441.600	817.200	366.200	127.700	160.200	304.800
<i>Chaetoceros didymus</i>	1.400	0	0	0	600	1.800	1.200	63.200	42.100	2.700	9.600	27.500
<i>Chaetoceros laciniosus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros radicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros similis</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros socialis</i>	2.200	4.100	0	0	0	0	162.800	111.600	95.400	21.200	84.700	192.400
<i>Chaetoceros teres</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Chaetoceros sp. 1</i>	0	0	0	900	0	0	0	0	0	1.400	0	0
<i>Chaetoceros spp.</i>	3.400	2.800	2.400	800	31.600	9.000	46.200	119.600	99.200	21.500	214.400	614.200
<i>Coscinodiscus janischii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cylindrotheca closterium</i>	200	1.600	400	100	100	0	0	0	200	100	200	0
<i>Dactylosolen fragilissimus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ditylum brightwellii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Eucampia zodiacus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Fragilaria virescens</i>	0	0	1.200	2.600	0	3.800	0	0	0	0	0	0
<i>Grammatophora marina</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Guinardia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma balticum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrosigma spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus danicus</i>	600	0	800	1.400	0	0	0	0	0	0	0	0
<i>Leptocylindrus mediterraneus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Leptocylindrus minimus</i>	200	6.300	2.400	1.000	3.500	800	0	0	600	1.000	0	400
<i>Licmophora abbreviata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Navicula spp.</i>	0	0	0	100	600	400	0	0	0	0	0	0
<i>Nitzschia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pleurosigma directum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Proboscia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pseudo-nitzschia cf. australis</i>	900	300	1.200	0	6.800	2.000	6.000	7.200	6.200	10.800	23.800	31.900
<i>P. cf. pseudodelicatissima</i>	362.200	21.800	611.200	41.800	9.300	800	14.000	17.500	13.100	24.200	9.200	68.400
<i>Rhizosolenia pungens</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia setigera</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Rhizosolenia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Skeletonema costatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Stephanopyxis turris</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassionema nitzschioides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira gerloffii</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira rotula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. anguste-lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. delicatula</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira cf. gerloffii</i>	0	1.000	600	1.100	1.000	0	4.100	1.800	0	1.200	1.200	2.000
<i>Thalassiosira cf. mendiolana</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Thalassiosira spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diatomea pennada 1</i>	0	0	0	0	0	0	0	0	0	0	0	0

Anexo 71 (continuación)

	M41 V. España		M42 V. Holanda		M43 B. Yendegaia		M44 Pto. Navarino		M45 Pto. Williams		M46 Pto. Eugenia	
	19-dic-09		19-dic-09		20-dic-09		20-dic-09		20-dic-09		21-dic-09	
	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m	0-10m	10-20m
DINOFLAGELADOS												
<i>Alexandrium catenella</i>	1.500	2.300	600	3.400	800	100	6.600	10.000	1.000	12.200	9.400	2.100
<i>Ceratium fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium lineatum</i>	0	100	0	200	100	0	300	400	0	600	100	300
<i>Ceratium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ceratium tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	300	0	0	100	0	0	200	100	100	400	200
<i>Gyrodinium cf. fusus</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium cf. lachryma</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gyrodinium spp.</i>	0	0	100	0	0	200	0	0	0	0	0	200
<i>Heterocapsa triquetra</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Oxytoxum spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Polykrikos spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium meunieri</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Preperidinium spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium claudicans</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium conicum</i>	0	0	0	0	0	0	300	200	0	0	100	0
<i>Protoperidinium pentagonum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium punctulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. bipes</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. conicoides</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. mite</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pallidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium cf. pellucidum</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium spp.</i>	0	0	100	0	0	0	100	200	100	100	200	100
<i>Scrippsiella trochoidea</i>	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinoflagelados indet.</i>	0	0	400	100	0	0	300	200	500	0	0	200
SILICOFAGELADOS												
<i>Dictyocha speculum</i>	0	0	0	0	0	0	0	0	0	0	0	0
ZOOMASTIGOFOROS												
<i>Ebria tripartita</i>	0	0	0	0	0	0	0	0	0	0	0	0
CILIADOS												
<i>Mesodinium rubrum</i>	0	300	0	100	0	0	0	200	300	100	100	400
EUGLENOFICEAS												
<i>Euglenoficeas indet.</i>	0	0	0	0	0	0	12.600	5.400	9.600	600	800	1.200
TOTAL DIATOMEAS	384.200	49.600	634.800	53.800	83.800	23.200	1.840.600	3.132.700	1.702.400	782.800	2.666.300	4.571.300
TOTAL DINOFLAGELADOS	1.500	2.700	1.200	3.700	1.000	300	7.600	11.200	1.700	13.000	10.200	3.100
TOTAL SILICOFAGELADOS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL OTROS	0	300	0	100	0	0	12.600	5.600	9.900	700	900	1.600
TOTAL	385.700	52.600	636.000	57.600	84.800	23.500	1.860.800	3.149.500	1.714.000	796.500	2.677.400	4.576.000

Anexo 72.

Concentración de clorofila a (mg·m⁻³) integrada a 0-10 m y 10-20 m en la región de Los Lagos

Estación	Localidad	2 dic 08 - 6 ene 09		21 ene - 14 feb 09		11 mar - 2 abr 09		14 abr - 13 may 09		18 may - 26 jun 09	
		0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20
L01	Metri	S/I	S/I	S/I	S/I	S/I	S/I	0,39	0,33	0,87	1,17
L02	Yates	S/I	S/I	S/I	S/I	S/I	S/I	S/I	S/I	0,37	0,35
L02N1	Sotomó	S/I	S/I	S/I	S/I	S/I	S/I	1,74	0,75	0,49	0,33
L02N2	Cochamó	S/I	S/I	S/I	S/I	S/I	S/I	2,30	0,69	0,45	0,43
L02N3	Marimeli	S/I	S/I	S/I	S/I	S/I	S/I	1,75	0,57	0,42	0,29
L02N4	Pocoihuén	S/I	S/I	S/I	S/I	S/I	S/I	1,44	0,69	0,43	0,41
L03	Cta. La Arena	S/I	S/I	S/I	S/I	S/I	S/I	0,49	0,28	S/I	S/I
L03N1	Potrerrillos	S/I	S/I	S/I	S/I	S/I	S/I	1,39	0,77	0,52	0,20
L04	Calbuco	S/I	S/I	S/I	S/I	S/I	S/I	0,20	0,34	0,32	S/M
L05	Quetalmahue	S/I	S/I	S/I	S/I	S/I	S/I	1,86	S/M	2,06	S/M
L06	Hueihue	S/I	S/I	S/I	S/I	S/I	S/I	0,79	0,70	0,54	0,55
L06N1	I. Caicura	S/I	S/I	S/I	S/I	S/I	S/I	2,03	0,82	0,63	0,54
L07	C. Cauchahué	S/I	S/I	S/I	S/I	S/I	S/I	4,01	0,24	0,32	0,24
L08	I. Mechuque	S/I	S/I	S/I	S/I	S/I	S/I	1,20	1,33	1,20	1,33
L09	I. Butachauques	S/I	S/I	S/I	S/I	S/I	S/I	2,28	0,80	0,85	0,80
L10	Ayacara	S/I	S/I	S/I	S/I	S/I	S/I	3,08	1,09	1,15	1,09
L10N1	I. Chulín	S/I	S/I	S/I	S/I	S/I	S/I	1,23	0,48	0,49	0,48
L10N2	I. Talcán 2	S/I	S/I	S/I	S/I	S/I	S/I	0,97	0,52	0,50	0,52
L10N3	B. Pumalín	S/I	S/I	S/I	S/I	S/I	S/I	2,41	0,76	1,05	0,76
L11	C. Dalcahue	S/I	S/I	S/I	S/I	S/I	S/I	1,68	0,61	0,61	0,61
L12	I. Quehui	S/I	S/I	S/I	S/I	S/I	S/I	0,75	0,55	0,57	0,55
L13	I. Chaulinec	S/I	S/I	S/I	S/I	S/I	S/I	0,81	0,35	0,32	0,35
L14	I. Talcán	S/I	S/I	S/I	S/I	S/I	S/I	1,00	0,49	0,56	0,49
L16	I. Acuí	S/I	S/I	S/I	S/I	S/I	S/I	0,54	0,43	0,39	0,43
L16N1	I. Chaulín	S/I	S/I	S/I	S/I	S/I	S/I	0,53	0,58	0,55	0,58
L17	Auchemó	S/I	S/I	S/I	S/I	S/I	S/I	1,20	0,58	0,70	0,58
L17N1	E. Palvitad	S/I	S/I	S/I	S/I	S/I	S/I	1,30	0,32	0,56	0,32
L19	Pta. Chiguao	S/I	S/I	S/I	S/I	S/I	S/I	0,18	0,57	0,54	0,57
L19N1	Yelcho	S/I	S/I	S/I	S/I	S/I	S/I	0,14	0,80	0,62	0,80
L19N2	C. Coldita	S/I	S/I	S/I	S/I	S/I	S/I	0,33	0,88	0,77	0,88
L20	I. Laitec	S/I	S/I	S/I	S/I	S/I	S/I	0,23	0,82	0,78	0,82
L20N1	Bco. Velahue	S/I	S/I	S/I	S/I	S/I	S/I	0,15	0,56	0,41	0,56
L21	B. Corcovado	S/I	S/I	S/I	S/I	S/I	S/I	1,11	0,53	0,46	0,53
L22	B. Asasao	S/I	S/I	S/I	S/I	S/I	S/I	0,90	0,69	0,79	0,69
L22N1	Ens. Quilanlar	S/I	S/I	S/I	S/I	S/I	S/I	0,93	0,54	0,72	0,54
L22N2	Inio	S/I	S/I	S/I	S/I	S/I	S/I	0,74	0,76	0,73	0,76
L23	I. Sn. Pedro	S/I	S/I	S/I	S/I	S/I	S/I	0,22	0,59	0,59	0,59
L23N1	C. Guamblad	S/I	S/I	S/I	S/I	S/I	S/I	1,18	0,59	0,56	0,59
L23N2	I. Sn. Pedro 2	S/I	S/I	S/I	S/I	S/I	S/I	1,13	0,57	0,64	0,57
L24	I. Guapiquilán	S/I	S/I	S/I	S/I	S/I	S/I	0,84	0,82	0,88	0,82
L24N1	I. Guapiquilán 2	S/I	S/I	S/I	S/I	S/I	S/I	0,67	0,71	0,64	0,71
L25	B. Tic Toc	S/I	S/I	S/I	S/I	S/I	S/I	0,59	0,51	0,61	0,51

Anexo 72 (continuación)

Estación	Localidad	21 jul - 27 ago 09		1 - 29 sep 09		6 oct - 9 nov 09		18 nov - 2 dic 09		5 dic 09 - 8 ene 10	
		0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20
L01	Metri	0,59	0,33	1,70	S/I	0,67	0,49	5,35	2,40	2,19	0,67
L02	Yates	1,67	1,23	1,94	0,62	1,29	0,13	1,80	1,81	5,27	1,02
L02N1	Sotomó	1,51	1,03	3,23	0,63	1,61	0,21	2,12	2,25	2,23	0,40
L02N2	Cochamó	2,28	2,14	5,41	0,97	4,48	0,22	6,94	3,69	2,39	0,47
L02N3	Marimeli	1,42	0,65	4,86	0,72	2,51	0,18	1,77	1,23	4,18	0,97
L02N4	Pocoihuén	2,71	0,65	2,67	0,94	5,09	0,19	3,88	1,78	1,49	0,22
L03	Cta. La Arena	0,42	0,27	2,19	3,60	1,35	0,70	1,79	0,27	2,23	1,77
L03N1	Potreros	1,51	1,01	1,68	0,65	1,98	0,14	1,99	0,95	3,04	0,85
L04	Calbuco	0,31	0,35	0,54	0,80	0,41	S/I	5,61	3,39	3,69	4,40
L05	Quetalmahue	1,37	S/I	2,83	S/I	3,93	S/I	3,36	S/I	4,58	S/I
L06	Hueihue	0,25	0,28	0,39	0,89	0,91	1,48	5,68	3,18	1,09	0,87
L06N1	I. Caicura	0,66	0,44	4,56	3,15	0,91	0,36	1,44	0,41	1,91	0,87
L07	C. Caucahué	0,35	0,34	0,39	0,50	0,51	0,18	0,52	0,55	0,11	0,12
L08	I. Mechuque	0,42	0,40	0,55	0,81	0,87	0,79	1,01	1,08	0,20	0,18
L09	I. Butachauques	0,48	0,40	0,36	0,40	0,53	0,42	0,41	0,50	0,07	0,40
L10	Ayacara	4,93	2,51	0,63	0,64	0,53	0,55	2,37	0,97	0,65	0,80
L10N1	I. Chulín	0,31	0,42	0,47	0,48	0,84	0,62	2,48	1,90	0,42	0,26
L10N2	I. Talcán 2	0,26	0,32	0,46	0,47	1,03	0,75	3,71	2,78	1,01	0,57
L10N3	B. Pumalín	0,47	0,46	0,72	0,70	0,63	0,40	1,44	1,20	0,57	0,29
L11	C. Dalcabue	0,28	0,23	0,43	0,57	0,68	0,45	0,98	1,32	0,25	0,11
L12	I. Quehui	0,24	0,26	0,44	0,43	0,19	0,41	0,32	0,74	1,12	0,45
L13	I. Chaúlinec	0,40	0,37	0,45	0,47	0,25	0,46	0,46	0,61	0,40	0,39
L14	I. Talcán	0,28	0,32	0,42	0,51	0,57	0,61	1,26	1,17	0,61	0,47
L16	I. Acuí	0,43	0,43	0,38	0,40	0,64	0,58	0,79	0,86	1,81	1,42
L16N1	I. Chaullín	0,25	0,32	0,36	0,51	0,25	0,29	1,26	1,06	2,07	3,06
L17	Auchemó	0,29	0,39	0,52	S/I	0,56	0,65	3,85	2,75	0,50	1,06
L17N1	E. Palvitad	0,33	0,29	0,59	0,53	0,86	0,75	2,96	1,81	1,10	0,21
L19	Pta. Chiguao	0,19	0,22	0,32	0,46	0,20	0,25	0,66	0,68	0,84	0,85
L19N1	Yelcho	0,34	0,35	0,61	0,44	0,15	0,25	0,30	0,64	0,87	1,39
L19N2	C. Coldita	0,45	0,45	0,49	0,58	0,49	0,54	0,71	0,98	0,64	0,72
L20	I. Laitec	0,43	0,44	0,37	0,50	0,27	0,51	0,90	0,94	0,47	0,60
L20N1	Bco. Velahue	0,31	0,33	0,40	0,49	0,21	0,27	0,33	0,61	0,96	0,92
L21	B. Corcovado	0,24	0,44	0,28	0,36	0,42	0,51	4,08	2,83	1,35	1,87
L22	B. Asasao	0,49	0,50	S/I	S/I	2,77	2,90	0,72	0,83	2,30	2,18
L22N1	Ens. Quilanlar	0,42	0,48	S/I	S/I	2,84	2,57	0,57	0,66	2,61	2,14
L22N2	Inio	0,44	0,41	S/I	S/I	1,77	S/I	0,71	0,77	1,67	0,88
L23	I. Sn. Pedro	0,40	0,38	0,39	0,49	0,52	0,86	0,81	0,89	1,05	1,26
L23N1	C. Guamblad	0,35	0,37	0,42	0,46	0,80	1,03	0,64	0,62	1,27	1,09
L23N2	I. Sn. Pedro 2	0,40	0,41	0,38	0,44	0,92	1,12	0,50	0,61	0,78	0,84
L24	I. Guapiquilán	0,40	0,37	S/I	S/I	1,63	2,03	0,75	0,75	0,95	1,31
L24N1	I. Guapiquilán 2	0,34	0,41	S/I	S/I	1,46	1,86	0,55	0,53	1,88	2,70
L25	B. Tic Toc	0,45	0,41	0,66	0,38	0,43	0,60	1,60	1,23	1,11	0,54

S/I = Sin Información

Anexo 73.

Concentración de clorofila a (mg·m⁻³) integrada a 0-10 m y 10-20 m en la región de Aysén

Estación	Localidad	1 - 29 dic 08		28 ene - 8 mar 09		20 mar - 2 abr 09		14 abr - 10 may 09		16 may - 1 jun 09	
		0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20
A01	I. Virginia-B. Low	5,66	5,94	1,38	1,21	5,44	2,99	0,68	0,87	1,02	0,92
A02	Repollal-C. Puquitrín	3,32	2,43	3,20	2,41	2,51	0,89	0,37	0,44	0,64	0,44
A03	Pto. Barrientos	2,74	3,25	12,71	8,74	18,51	8,88	0,94	0,95	0,33	0,30
A04	I. Julia-G. Peligroso	2,64	4,30	0,78	0,58	6,50	3,10	0,33	0,30	0,80	0,52
A05	I. Ovalada	3,51	1,87	5,64	5,40	3,34	1,86	0,54	0,34	0,37	0,42
A05N1	I. Valverde	3,47	2,07	2,46	1,20	14,83	7,43	0,62	0,54	0,56	0,39
A33	I. Concoto	1,76	0,71	2,66	2,36	5,20	3,29	0,59	0,48	0,50	0,43
A34	I. García	2,72	2,02	2,22	0,95	2,16	2,52	0,66	0,51	0,52	0,35
A06	Laja Brazo Pillán 1	5,99	5,90	1,76	0,31	0,56	0,27	1,00	0,12	0,31	0,12
A07	Canal	4,38	4,02	1,40	0,67	0,33	0,31	0,71	0,45	0,33	0,33
A08	Repollal – E. Las Islas	4,88	5,61	1,39	0,59	0,37	0,29	0,82	0,18	0,26	0,20
A09	Sto. Domingo	4,95	4,67	1,83	0,58	0,33	0,25	0,83	0,42	0,60	0,47
A10	Añihué	2,82	5,03	1,23	1,40	0,40	0,37	0,81	1,00	0,48	0,41
A11	Melimoyu	4,76	3,63	1,52	0,77	0,40	0,27	0,89	0,33	0,62	0,34
A12	S. Gala	1,88	3,31	1,75	0,86	0,66	0,55	5,61	0,43	0,58	0,30
A13	I. Toto	5,64	8,03	1,83	0,82	0,66	0,62	6,64	0,43	0,66	0,49
A14	S. Miller	3,39	3,65	0,82	0,31	0,66	0,57	4,61	0,41	0,55	0,38
A15	I. Manuel	0,88	5,64	1,00	0,24	1,41	0,95	6,56	0,26	0,63	0,30
A16	I. Gama Zañartu - C. Yacaf	1,01	3,23	1,00	0,33	1,71	0,96	5,65	0,23	0,49	0,26
A17	I. Bobadilla-S. Soto	0,90	3,57	0,78	0,23	1,64	1,19	6,76	0,28	0,57	0,25
A18	Pta. Cálqueman	8,34	3,50	3,57	0,37	2,69	0,84	1,99	0,42	0,61	0,46
A19	S. Magdalena	3,05	6,77	0,88	0,22	1,31	0,68	1,46	0,36	0,82	0,22
A20	Faro Marta-C. Puyuhuapi	1,45	2,71	1,24	0,27	1,45	0,67	5,35	0,50	0,75	0,27
A21	Pto. Amparo	1,85	3,46	0,61	0,25	3,64	2,54	5,71	0,50	0,51	0,28
A22	I. Sn. Andrés	2,35	4,56	1,83	0,23	4,45	3,08	4,35	0,24	0,77	0,26
A23	I. Orestes	1,70	4,75	1,63	0,14	3,55	1,90	5,23	0,64	1,45	0,44
A24	Cinco Hermanas	5,99	3,04	0,89	0,15	1,95	1,30	4,42	0,25	0,26	0,15
A25	I. Elena	6,63	2,36	1,42	0,20	5,52	3,63	3,41	0,74	0,44	0,59
A26	I. Canquenes	2,61	1,38	0,42	0,50	0,42	0,49	0,78	0,59	0,37	0,30
A27	E. Quitralco	2,25	1,85	0,87	0,58	3,64	1,11	6,28	1,63	0,34	0,20
A28	Pta. Lynch	1,29	1,36	0,56	0,41	0,50	0,46	2,53	0,83	0,30	0,14
A29	Pto. Bonito	1,08	0,89	0,60	0,63	1,39	0,96	4,48	0,46	0,31	0,22
A30	I. Julián	9,38	8,21	0,70	0,16	4,11	3,16	3,08	1,95	0,87	0,67
A31	Is. Huichas	1,60	1,91	0,93	0,15	2,23	0,96	2,81	2,26	1,86	0,97
A32	I. Vergara	1,87	1,99	0,91	0,48	2,91	1,57	1,82	0,91	1,76	0,48
A35	I. Sierra	8,11	6,32	3,16	2,28	4,65	2,82	3,48	1,09	0,39	0,31
A36	G. Enjambre	6,79	5,18	1,87	0,28	6,85	1,94	2,78	0,70	0,30	0,24
A37	I. Teresa	4,95	3,34	4,46	2,21	1,21	1,15	3,43	3,66	0,41	0,23
A38N1	I. Jesús	5,82	5,48	3,44	0,87	S/I	S/I	2,98	1,63	0,30	0,31
A39	Pto. Lampazo	5,57	3,73	1,27	0,60	4,64	2,69	3,68	2,06	0,42	0,28
A40	I. Silachilu	6,58	3,94	2,18	1,64	3,93	1,87	4,29	1,56	0,41	0,27
A41	C. Ninualac	6,74	3,90	1,47	1,00	6,22	3,10	2,45	1,35	0,33	0,31
A42	C. Pilcomayo	3,10	2,93	3,16	0,60	5,04	3,77	3,36	1,47	0,89	0,96
A43	Playas Largas	7,30	3,51	1,73	0,41	2,39	0,25	2,13	0,38	0,31	0,20
A44	C. Carrera del Chivato	9,15	5,24	2,65	1,06	5,04	1,12	4,16	1,96	0,48	0,29
A45	C. Rodríguez	3,97	4,30	1,85	0,40	4,76	1,30	3,45	0,73	0,42	0,23
A46	I. Churrecue	3,36	3,23	1,69	0,17	5,38	2,04	2,95	0,55	0,55	0,27
A47	I. Castillo	9,00	6,06	2,35	0,32	6,59	0,27	4,32	2,04	0,45	0,23
A48	I. Palumbo	7,35	3,38	3,26	0,16	5,66	0,16	2,91	0,43	0,29	0,14
A49	C. Darwin	8,34	7,06	2,83	0,67	2,76	1,28	5,47	1,37	0,25	0,16
A50	Tronador	2,16	1,36	3,62	0,78	4,89	2,53	2,26	0,51	0,39	0,25
A51	C. Vicuña	3,42	2,29	1,63	0,49	2,33	1,22	1,90	1,34	0,39	0,31
A52	Colonia Grande	0,75	0,60	1,88	1,08	1,90	1,49	1,97	0,54	0,26	0,21
A53	C. Chacabuco	2,10	1,97	5,08	0,96	3,29	1,94	1,18	0,68	0,41	0,26
A54	I. Rojas-Paso Tres Cruces	1,63	1,69	1,32	0,79	1,41	1,39	1,28	0,56	0,40	0,20
A55	I. Orlebar	1,97	1,02	0,78	1,37	0,50	0,10	0,34	0,20	0,46	0,50
A56	I. Alert – Roca Lobo	1,41	1,29	1,13	0,55	0,57	0,09	0,68	0,32	0,42	0,84
A57	I. Scout	1,83	1,36	0,88	0,55	0,76	0,18	0,55	0,18	0,52	0,49
A58	I. Porcia	1,50	0,66	0,86	0,60	0,47	0,08	0,44	0,36	0,28	0,26
A59	I. Zealous	0,48	0,50	0,76	0,83	0,46	0,08	0,42	0,33	0,38	0,33
A60	Pta. Baker	1,10	0,98	0,52	0,50	0,39	0,07	0,52	0,22	0,52	0,44

Anexo 73 (continuación)

Estación	Localidad	10 jun - 27 jul 09		5 - 28 sep 09		4 oct - 1 nov 09		7 - 23 nov 09		3 - 17 dic 09	
		0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20
A01	I. Virginia-B. Low	0,71	0,59	0,33	0,50	2,98	3,46	0,46	0,66	S/I	S/I
A02	Repolla-C. Puquitrín	0,60	0,50	0,73	0,68	1,01	1,03	1,37	1,19	S/I	S/I
A03	Pto. Barrientos	0,51	0,33	0,37	0,39	0,28	0,34	0,25	0,47	S/I	S/I
A04	I. Julia-G. Peligroso	0,35	0,44	0,56	0,60	1,56	1,45	1,23	1,29	S/I	S/I
A05	I. Ovalada	0,42	0,36	0,44	0,47	0,29	0,45	1,16	1,33	S/I	S/I
A05N1	I. Valverde	0,51	0,45	0,25	0,48	0,60	0,48	1,54	2,16	S/I	S/I
A33	I. Concoto	0,47	0,52	0,60	0,51	0,23	0,45	2,66	1,75	S/I	S/I
A34	I. García	0,40	0,36	0,42	0,41	0,66	0,80	2,20	2,45	S/I	S/I
A06	Laja Brazo Pillán 1	0,42	0,27	0,66	0,20	2,04	0,41	0,98	0,22	0,97	0,41
A07	Canal	0,36	0,24	0,44	0,54	1,61	1,07	0,90	0,76	1,83	2,78
A08	Repolla - E. Las Islas	0,41	0,29	0,52	0,35	1,09	0,54	1,17	0,53	1,46	1,16
A09	Sto. Domingo	0,35	0,32	0,67	0,53	0,59	0,49	1,90	0,42	2,44	1,18
A10	Añihué	0,40	0,38	0,77	0,71	0,59	0,80	3,08	0,88	4,30	2,42
A11	Melimoyu	0,37	0,31	0,67	0,55	3,64	1,01	4,73	0,61	3,18	0,81
A12	S. Gala	0,69	0,43	0,87	0,58	3,49	1,80	3,32	3,01	0,62	0,30
A13	I. Toto	0,68	0,51	1,31	0,65	4,19	2,52	4,20	4,23	1,69	0,68
A14	S. Miller	0,77	0,64	1,78	0,45	2,61	1,14	3,18	3,14	1,80	0,40
A15	I. Manuel	1,50	1,25	1,55	0,58	3,33	1,37	3,27	2,11	1,73	0,54
A16	I. Gama Zañartu - C. Yacaf	1,97	3,14	2,00	0,56	4,19	2,05	2,32	1,81	1,77	0,36
A17	I. Bobadilla-S. Soto	1,38	2,39	1,73	0,55	3,24	2,11	2,80	1,96	1,60	0,83
A18	Pta. Cálqueman	0,48	0,47	0,90	0,91	3,96	4,40	2,32	1,26	2,66	2,47
A19	S. Magdalena	3,25	1,33	2,60	0,45	2,58	0,71	1,68	0,33	1,89	2,24
A20	Faro Marta-C. Puyuhuapi	3,01	1,08	1,74	0,45	4,37	0,86	1,10	0,39	1,11	1,55
A21	Pto. Amparo	1,54	1,02	3,61	0,70	5,69	3,76	2,13	3,83	1,96	0,83
A22	I. Sn. Andrés	1,12	0,88	5,22	0,79	4,65	1,52	2,21	2,47	2,76	1,18
A23	I. Orestes	5,61	1,55	4,43	0,61	6,69	4,36	3,16	5,72	2,30	4,31
A24	Cinco Hermanas	0,37	0,25	0,79	0,58	4,58	4,63	5,24	3,04	2,50	2,04
A25	I. Elena	0,38	0,24	0,80	0,49	4,83	2,91	7,38	3,50	4,11	1,64
A26	I. Canquenes	0,35	0,26	0,52	0,49	0,69	0,81	2,04	1,61	2,17	2,60
A27	E. Quitralco	2,27	1,01	0,70	0,48	2,26	2,42	2,57	1,68	3,74	2,74
A28	Pta. Lynch	0,81	0,24	0,80	0,51	1,66	0,58	0,74	0,48	2,57	2,72
A29	Pto. Bonito	1,17	0,46	0,61	0,44	1,66	1,11	1,39	0,75	1,45	0,88
A30	I. Julián	1,13	0,85	1,80	1,23	4,64	2,84	4,95	6,10	6,80	1,32
A31	Is. Huichas	2,40	2,34	3,19	1,21	4,74	3,28	2,92	3,41	5,98	0,71
A32	I. Vergara	1,84	0,88	0,59	0,54	3,87	3,66	7,68	6,27	3,37	2,57
A35	I. Sierra	0,53	0,44	0,60	0,46	0,42	0,43	4,77	8,22	6,06	5,24
A36	G. Enjambre	0,55	0,50	0,58	0,45	1,28	1,11	9,37	14,06	6,00	3,57
A37	I. Teresa	0,52	0,38	0,64	0,38	1,76	0,47	0,52	0,65	0,48	0,74
A38N1	I. Jesús	0,46	0,43	0,57	0,61	0,67	0,52	1,94	1,95	3,56	5,59
A39	Pto. Lampazo	0,78	0,53	0,19	0,14	0,16	0,18	8,59	9,17	4,45	3,75
A40	I. Silachilu	0,61	0,51	0,14	0,12	0,43	0,31	8,95	8,28	6,11	3,22
A41	C. Ninualac	0,45	0,46	0,10	0,10	0,14	0,14	7,97	5,97	4,13	5,01
A42	C. Pilcomayo	0,58	0,47	0,65	0,53	2,31	1,72	12,51	7,40	4,07	3,89
A43	Playas Largas	0,46	0,20	0,58	0,54	2,11	1,70	6,10	5,41	1,75	1,52
A44	C. Carrera del Chivato	0,43	0,26	0,44	0,31	2,52	1,38	8,12	2,94	3,55	2,73
A45	C. Rodríguez	0,54	0,23	0,73	0,55	1,13	0,77	10,31	6,88	4,61	4,26
A46	I. Churrecue	0,59	0,33	0,90	0,55	1,18	0,95	11,82	6,46	4,16	1,77
A47	I. Castillo	0,50	0,21	1,20	0,29	5,32	2,21	6,81	4,61	6,92	2,63
A48	I. Palumbo	0,58	0,14	4,88	0,43	4,06	0,34	6,70	4,40	3,99	4,21
A49	C. Darwin	0,51	0,22	0,76	0,45	4,01	2,29	5,52	2,54	8,47	4,34
A50	Tronador	0,82	0,45	0,89	0,54	1,63	1,40	3,34	1,67	4,55	1,89
A51	C. Vicuña	0,40	0,27	1,30	0,40	2,86	1,54	5,58	1,23	5,53	7,97
A52	Colonia Grande	0,84	0,67	0,71	0,52	1,52	0,91	2,32	1,77	5,01	4,22
A53	C. Chacabuco	0,49	0,48	0,53	0,57	1,11	1,07	5,08	2,81	2,41	3,23
A54	I. Rojas-Paso Tres Cruces	0,48	0,50	0,54	0,45	1,68	1,42	2,85	1,26	2,06	2,41
A55	I. Orlebar	0,39	0,19	1,27	0,47	3,82	1,43	1,69	1,47	2,32	1,55
A56	I. Alert - Roca Lobo	0,44	0,17	0,76	0,47	5,18	1,19	1,58	1,59	2,09	1,49
A57	I. Scout	0,30	0,16	0,68	0,51	1,94	1,11	1,27	1,00	1,91	1,50
A58	I. Porcia	0,33	0,19	0,92	0,40	2,91	1,24	2,08	1,04	1,89	0,94
A59	I. Zealous	0,30	0,19	1,14	0,43	4,35	1,49	1,17	1,24	2,00	1,00
A60	Pta. Baker	0,31	0,21	1,32	0,38	3,44	0,90	1,18	0,96	1,89	1,22

S/I = Sin Información

Anexo 74.

Concentración de clorofila a (mg-m⁻³) integrada a 0-10 m y 10-20 m en la región de Magallanes.

Estación	Localidad	2 dic 08 - 12 ene 09		22 ene - 3 mar 09		15 mar - 1 abr 09		23 abr - 12 may 09		28 may - 19 jun 09	
		0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20
M04	C. Adalberto	0,89	0,12	1,27	0,87	5,51	2,36	4,63	4,37	1,48	0,60
M05	B. Liberta	0,90	0,15	0,96	0,65	3,36	2,40	3,68	3,66	1,23	0,58
M06	Pto. Edén	1,36	0,41	1,13	0,45	1,12	1,11	3,84	3,87	1,31	0,57
M01N	I. Morton	1,55	0,67	1,24	0,36	1,80	0,95	4,06	4,09	1,22	0,55
M02N	I. Carlos	1,53	0,65	1,23	0,38	2,01	1,07	3,95	3,74	1,11	0,52
M03N	A. Hamond	1,51	0,75	1,16	0,42	2,16	1,01	3,35	3,39	1,31	0,57
M07	I. Crossover	1,99	0,79	1,33	0,34	1,94	0,95	3,28	3,28	1,02	0,48
M24N	Paso del Abismo	2,11	0,99	1,84	0,43	2,78	1,17	3,72	3,67	0,81	0,48
M08	E. Falcon	2,00	0,58	2,24	0,90	3,00	1,07	3,70	3,66	0,63	0,53
M25N	E. Ringdove	1,79	0,68	2,11	0,63	3,04	1,03	3,77	3,77	0,78	0,56
M09	E. Pengüin	1,12	0,43	2,44	0,92	3,32	1,30	3,43	3,41	0,85	0,68
M10	S. Europa	1,05	0,27	1,78	0,50	2,86	1,63	3,33	3,29	1,15	0,63
M11	I. Topar	2,05	0,33	1,99	0,65	3,50	2,68	4,14	3,63	1,86	0,72
M12	I. Figueroa	2,16	1,16	1,63	0,99	5,08	1,39	3,46	3,47	1,40	0,68
M13	E. Peel	1,13	0,59	0,62	0,23	6,13	1,86	4,05	3,95	1,83	0,62
M14	Pto. Bueno	1,04	0,10	0,92	0,42	4,41	2,14	1,67	1,87	2,28	0,76
M15	I. Vancouver	0,72	0,39	1,02	0,56	5,54	4,70	1,63	2,06	1,93	1,32
M16	I. Piazzi	0,69	0,70	0,46	0,47	3,23	3,09	1,61	2,09	1,62	1,45
M17	Cta. Williams	0,17	S/I	1,73	0,86	3,58	3,37	2,79	2,78	0,73	1,40
M18	B. Ensenada	S/I	S/I	1,34	0,32	2,45	2,42	3,77	3,80	1,53	1,48
M19	B. Isthmus	0,67	0,47	1,23	0,65	2,35	2,26	2,45	2,13	1,52	0,62
M20	I. Larga	0,23	0,11	0,89	0,44	2,43	2,25	0,57	0,58	2,01	0,91
M21	Pto. Fontaine	S/I	S/I	1,72	0,78	8,35	7,79	1,26	2,49	1,45	1,40
M22	E. de las Montañas	S/I	S/I	1,89	0,58	11,49	10,62	2,97	2,70	0,97	1,32
M23	I. Ballesteros	S/I	S/I	0,71	0,88	5,41	3,10	2,44	3,65	1,58	1,71
M24	B. Fanny	S/I	S/I	1,41	2,07	0,63	0,56	S/I	S/I	0,28	0,15
M25	E. Silva Palma	S/I	S/I	2,03	1,73	0,63	0,45	S/I	S/I	0,44	0,24
M26	E. Wickham	S/I	S/I	2,11	1,50	0,66	0,38	S/I	S/I	0,29	0,26
M27	E. Sullivan	S/I	S/I	1,49	1,79	S/I	S/I	S/I	S/I	0,10	0,11
M28	E. Nuñez	S/I	S/I	2,14	1,95	S/I	S/I	S/I	S/I	0,11	0,11
M29	Cutter Cove	S/I	S/I	1,33	1,36	0,37	0,35	S/I	S/I	0,12	0,13
M30	B. Mussel	S/I	S/I	0,43	0,35	0,44	0,30	S/I	S/I	0,07	0,09
M31	B. Nash	S/I	S/I	1,11	0,89	0,43	0,29	S/I	S/I	0,06	0,06
M32	B. Cordes	S/I	S/I	0,36	0,39	0,32	0,29	S/I	S/I	0,07	0,08
M33	B. Bell	S/I	S/I	0,84	0,54	1,00	0,45	S/I	S/I	0,18	0,13
M34	S. Pedro	S/I	S/I	0,83	0,46	0,24	0,25	S/I	S/I	0,22	0,17
M35	Cabo Sn. Isidro	S/I	S/I	0,84	0,72	0,69	0,57	S/I	S/I	0,11	0,14
M36	B. Buena	S/I	S/I	0,73	0,86	2,77	2,13	S/I	S/I	1,22	0,66
M37	B. Agua Fresca	S/I	S/I	0,83	0,87	2,52	2,21	S/I	S/I	0,96	0,96
M38	Río Seco	S/I	S/I	0,64	S/I	2,72	2,14	S/I	S/I	1,06	1,02
M39	Pto. Zenteno	S/I	S/I	0,83	1,03	S/I	S/I	S/I	S/I	1,24	1,33
M40	S. Ventisquero	S/I	S/I	1,30	1,12	S/I	S/I	0,25	0,23	0,26	0,19
M41	V. España	S/I	S/I	0,80	0,84	1,16	0,57	0,20	0,13	0,23	0,20
M42	V. Holanda	S/I	S/I	0,91	0,80	0,47	0,33	0,20	0,19	0,21	S/I
M43	B. Yendegaia	S/I	S/I	1,77	2,32	0,94	0,65	0,19	0,17	0,11	0,10
M44	Pto. Navarino	S/I	S/I	0,83	1,36	0,86	0,62	0,19	0,24	0,11	0,10
M45	Pto. Williams	S/I	S/I	1,28	0,78	0,72	0,37	0,20	0,23	0,17	0,17
M46	Pto. Eugenia	S/I	S/I	0,69	0,84	0,67	0,54	0,15	0,19	0,16	0,16

Anexo 74 (continuación)

Estación	Localidad	22 jul - 13 ago 09		2 - 13 sep 09		4 oct - 4 nov 09		6 nov - 5 dic 09		7 dic 09 - 13 ene 10	
		0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20	0 - 10	10 - 20
M04	C. Adalberto	S/I	S/I	4,98	8,57	9,56	5,04	2,69	4,60	39,55	20,16
M05	B. Liberta	S/I	S/I	5,12	4,57	3,83	2,61	3,73	3,42	4,79	12,78
M06	Pto. Edén	S/I	S/I	2,20	2,14	3,39	2,67	2,60	2,22	11,64	15,30
M01N	I. Morton	S/I	S/I	2,07	1,89	3,40	3,36	4,95	5,56	27,69	10,25
M02N	I. Carlos	S/I	S/I	2,12	1,83	2,81	3,31	5,50	5,41	14,08	11,12
M03N	A. Hamond	S/I	S/I	2,18	1,93	2,98	2,73	5,51	5,84	14,01	10,72
M07	I. Crossover	S/I	S/I	3,41	3,10	3,97	4,07	8,17	5,62	14,02	9,98
M24N	Paso del Abismo	S/I	S/I	4,24	2,50	6,95	5,15	13,35	8,35	13,12	6,17
M08	E. Falcon	S/I	S/I	23,34	26,53	7,67	4,90	15,18	10,38	5,27	3,49
M25N	E. Ringdove	S/I	S/I	23,74	23,33	5,77	2,95	23,34	16,19	3,80	1,73
M09	E. Pengüin	S/I	S/I	13,36	12,73	6,07	2,79	11,43	10,11	3,42	1,78
M10	S. Europa	S/I	S/I	18,41	18,71	10,14	4,76	17,18	10,62	8,75	7,13
M11	I. Topar	S/I	S/I	26,87	18,83	8,57	13,08	20,59	12,56	9,36	7,79
M12	I. Figueroa	S/I	S/I	27,15	27,74	7,20	4,90	9,94	13,90	8,49	9,82
M13	E. Peel	S/I	S/I	29,18	34,89	2,53	2,73	13,86	17,35	11,31	18,43
M14	Pto. Bueno	S/I	S/I	12,31	14,15	2,75	3,18	16,63	19,52	11,69	8,84
M15	I. Vancouver	S/I	S/I	10,82	11,56	2,20	3,65	19,39	22,44	1,17	0,88
M16	I. Piazzi	S/I	S/I	14,99	11,53	2,68	2,49	3,37	5,48	9,18	12,79
M17	Cta. Williams	S/I	S/I	16,59	17,11	6,34	9,62	4,87	3,67	5,16	16,43
M18	B. Ensenada	S/I	S/I	14,41	17,91	16,68	15,12	5,05	2,57	6,62	12,52
M19	B. Isthmus	S/I	S/I	10,06	17,01	12,13	14,85	6,01	5,34	7,02	13,13
M20	I. Larga	S/I	S/I	17,21	21,28	10,62	9,42	4,99	3,62	5,27	12,54
M21	Pto. Fontaine	S/I	S/I	3,68	7,68	19,83	17,52	5,92	5,23	19,84	15,37
M22	E. de las Montañas	S/I	S/I	3,20	4,02	34,88	24,57	4,04	4,81	12,11	11,67
M23	I. Ballesteros	S/I	S/I	3,04	2,41	24,44	24,04	7,62	5,62	4,19	4,55
M24	B. Fanny	0,22	0,37	0,28	0,26	9,68	9,48	7,99	9,54	2,88	2,45
M25	E. Silva Palma	0,33	0,37	0,41	0,29	3,91	2,80	7,05	8,72	1,74	0,53
M26	E. Wickham	0,34	0,15	0,28	0,31	12,22	12,56	5,86	8,42	2,12	0,63
M27	E. Sullivan	0,15	0,13	0,15	0,16	9,81	11,21	4,06	4,31	1,05	0,42
M28	E. Nuñez	0,66	0,31	0,08	0,12	7,13	6,16	2,05	1,99	0,99	1,63
M29	Cutter Cove	0,25	0,34	0,10	0,11	4,94	4,40	1,36	1,76	1,25	1,25
M30	B. Mussel	1,23	0,22	0,15	0,12	3,66	4,05	3,67	5,28	0,99	1,12
M31	B. Nash	1,34	0,35	0,33	0,14	1,66	1,76	3,11	4,64	1,32	1,00
M32	B. Cordes	1,22	0,11	0,18	0,16	2,65	2,60	8,65	10,22	2,05	1,06
M33	B. Bell	0,16	0,13	0,22	0,17	3,11	2,76	1,03	1,68	3,33	2,89
M34	S. Pedro	0,16	0,12	0,44	0,16	8,56	8,92	8,70	5,98	1,97	1,86
M35	Cabo Sn. Isidro	0,17	0,19	0,33	0,37	8,53	7,70	8,02	9,39	0,90	1,40
M36	B. Buena	S/I	S/I	0,34	0,22	1,62	2,50	15,92	14,96	1,17	1,14
M37	B. Agua Fresca	S/I	S/I	0,25	0,14	14,20	13,97	9,27	16,10	1,19	1,60
M38	Río Seco	S/I	S/I	0,25	0,34	7,61	5,36	S/I	S/I	2,26	1,26
M39	Pto. Zenteno	S/I	S/I	0,18	0,14	6,95	7,58	S/I	S/I	0,44	S/I
M40	S. Ventisquero	0,50	0,37	1,48	1,68	13,26	16,47	18,30	32,73	2,78	3,92
M41	V. España	0,28	0,39	0,51	0,22	10,90	12,19	13,32	19,15	0,93	0,96
M42	V. Holanda	0,27	0,24	1,36	1,28	6,07	9,21	12,69	14,15	0,95	0,55
M43	B. Yendegaia	0,27	0,25	1,00	1,40	3,87	7,67	12,71	11,19	0,48	0,72
M44	Pto. Navarino	0,27	0,32	0,85	1,15	4,52	6,04	8,06	9,24	1,48	1,45
M45	Pto. Williams	0,20	0,22	0,70	1,00	S/I	S/I	1,18	2,32	3,04	2,00
M46	Pto. Eugenia	0,24	0,25	1,26	1,29	5,35	5,15	5,15	9,29	2,90	2,64

S/I = Sin Información

Anexo 75.

Composición taxonómica y abundancia del zooplancton entre 0 y 20 metros de profundidad,
para estaciones de la región de Los Lagos.

Isla San Pedro (L23)

	Abundancia zooplanctónica por crucero (ind·m ⁻³)									
	2-dic-08	24-ene-09	14-mar-09	17-abr-09	30-may-09	21-jul-09	4-sep-09	10-oc-09	2-nov-09	5-dic-09
Phylum Cnidaria										
Clase Hydrozoa										
Orden Hydroida	2				0,1					0,2
Orden Siphonophora	11				0,1	0,01		0,3	1	
Phylum Ctenophora		0,1								
Phylum Annelida										
Clase Polychaeta	8			0,03		0,01	0,1	0,4		0,1
Phylum Crustacea										
Clase Branchiopoda										
Suborden Cladocera	201	0,1	0,04	0,3	0,1		1	5		
Clase Malacostraca										
Subclase Eumalacostraca										
Orden Stomatopoda		0,01								
Orden Euphausiacea			0,1					0,1	1	
Orden Mysida										
Orden Decapoda										
Larva Zoea	8	1	0,1	0,01			0,5	9	1	0,3
Larva Megalopa										
Larva Mysis		0,1	0,04				0,1	195	1	1
Orden Isopoda	0,3			0,01	0,1	0,02		0,3		
Orden Amphipoda		0,1	0,2	0,02	0,1				1	1
Larva Nauplius	189	1	1	1	1	0,1	2	16	2	53
Clase Maxillopoda										
Subclase Copepoda										
Orden Calanoida	1493	33	111	19	49	9	151	198	555	343
Orden Cyclopoida	22	0,3	3	2	30	37	46	40	4	19
Orden Harpacticoida	1		0,04	0,02	0,4	0,1		0,4		0,2
Subclase Ostracoda										
Phylum Mollusca										
Clase Bivalvia	39	1	1	0,01	0,2	0,1	0,2	1		1
Clase Gastropoda	4	1	1	0,03	0,4	0,3	0,3	0,1		0,1
Phylum Chaetognatha	0,3	0,02				0,1				1
Phylum Tunicata (Urochordata)										
Clase Appendicularia (Larvacea)	25			0,1	2	0,1	1	4		0,1
Clase Thaliacea										
Orden Salpida		0,02	0,01							
Phylum Chordata										
Huevos de Pez	0,3					0,03	0,05	1		
Larvas de Pez		0,1						0,1		0,1
Phylum Bryozoa										
Larva Ciphonata	20	2	2	0,1	1	1	0,1	0,1	0,3	0,4
Phylum Echinodermata										
Clase Ophiuroidea		0,02								

Anexo 75 (continuación)

Isla Guapiquilán (L24)

	Abundancia zooplanctónica por crucero (ind·m ⁻³)									
	5-dic-08	24-ene-09	14-mar-09	17-abr-09	31-may-09	25-jul-09	3-sep-09	9-oct-09	19-nov-09	6-dic-09
Phylum Cnidaria										
Clase Hydrozoa										
Orden Hydroida	5	0,3	0,04		0,2			7	0,01	0,2
Orden Siphonophora	93	0,05						2	0,1	1
Phylum Ctenophora										
Phylum Annelida										
Clase Polychaeta	15	0,05		2			0,2	17	0,2	1
Phylum Crustacea										
Clase Branchiopoda										
Suborden Cladocera	13	0,05		1	1			534	0,1	
Clase Malacostraca										
Subclase Eumalacostraca										
Orden Stomatopoda										
Orden Euphausiacea	3	0,1				0,1		3	0,01	
Orden Mysida										
Orden Decapoda										
Larva Zoea	20	1	0,3	0,03		0,04	2	294	1	0,4
Larva Megalopa	1									0,1
Larva Mysis	1	0,4	0,04		0,1	0,1	0,2	30	1	0,1
Orden Isopoda					0,2	0,2	0,04	6		
Orden Amphipoda	1		0,2	0,1	0,1		0,02	1	0,1	0,1
Larva Nauplius	600	1	3	5	1	1	2	1739	15	1
Clase Maxillopoda										
Subclase Copepoda										
Orden Calanoida	616	4	53	48	400	112	66	8004	19	7
Orden Cyclopoida	15	0,3	5	4	140	218	9	333	4	2
Orden Harpacticoida			0,3	0,04		0,3		5		0,2
Subclase Ostracoda						0,04		1		
Phylum Mollusca										
Clase Bivalvia	84	6		0,2	1	1	0,1	17	0,3	0,3
Clase Gastropoda	2	20	0,5	0,2	1	4	0,2	4	0,03	0,02
Phylum Chaetognatha					0,4	1	0,02	3	0,01	0,1
Phylum Tunicata (Urochordata)		0,05	0,1							
Clase Appendicularia (Larvacea)	153			1	3	1	0,04	45	0,1	
Clase Thaliacea										
Orden Salpida			3	0,01						
Phylum Chordata										
Huevos de Pez	1		0,04							
Larvas de Pez	1	0,05				0,04	0,01	1	0,02	
Phylum Bryozoa										
Larva Ciphonauto	7	1	0,4	0,2	2	1	0,3		0,04	
Phylum Echinodermata										
Clase Ophiuroidea	1	0,01								

S/M: Sin Muestra

Anexo 76.

Composición taxonómica y abundancia del zooplancton entre 0 y 20 metros de profundidad,
para estaciones de la región de Aysén.

Repollal – Canal Puquitrín (A02)

	Abundancia zooplanctónica por crucero (ind·m ⁻³)									
	7-dic-08	8-feb-09	21-mar-09	30-abr-09	30-may-09	25-jul-09	7-sep-09	17-oct-09	7-nov-09	5-dic-09
Phylum Cnidaria					S/M					
Clase Hydrozoa	3	32	1		S/M	0,3		1	0,2	0,2
Orden Hydroida	23	2	8	6	S/M			5	0,3	
Orden Siphonophora					S/M					
Phylum Ctenophora					S/M					
Phylum Annelida	3	2		0,2	S/M			16	0,2	1
Clase Polychaeta					S/M					
Phylum Crustacea					S/M					
Clase Branchiopoda	663	1757	766	6	S/M			74	4	1
Suborden Cladocera					S/M					
Clase Malacostraca					S/M					
Subclase Eumalacostraca					S/M					
Orden Stomatopoda					S/M					
Orden Euphausiacea					S/M					
Orden Mysida					S/M					
Orden Decapoda	58	8	17	9	S/M	5	42	49	6	7
Larva Zoea	0,3	0,2	4		S/M					
Larva Megalopa	3	2	4	1	S/M	0,2	0,4	2	0,1	
Larva Mysis					S/M	1			0,1	
Orden Isopoda		2		1	S/M				0,5	
Orden Amphipoda	121	34	88	3	S/M	15	157	190	225	94
Larva Nauplius					S/M					
Clase Maxillopoda					S/M					
Subclase Copepoda	434	678	615	411	S/M	571	596	1316	1067	628
Orden Calanoida	6	30	29	9	S/M	2	1	7	1	1
Orden Cyclopoida	1	4	3	1	S/M	1	0,3	1		0,2
Orden Harpacticoida				0,3	S/M					
Subclase Ostracoda					S/M					
Phylum Mollusca	4	17	36	1	S/M		1	15		2
Clase Bivalvia	16	297	46	2	S/M	1	3	35	4	0,5
Clase Gastropoda					S/M					
Phylum Chaetognatha					S/M					
Phylum Tunicata (Urochordata)	36	34	246	10	S/M	1	1	11		4
Clase Appendicularia (Larvacea)					S/M					
Clase Thaliacea					S/M					
Orden Salpida					S/M					
Phylum Chordata	2	6	9		S/M		1	10	5	3
Huevos de Pez			0,1		S/M			0,2	1	0,2
Larvas de Pez					S/M					
Phylum Bryozoa	2	8	1	3	S/M	2	16	1	0,1	1
Larva Ciphonauto					S/M	0,1				
Phylum Echinodermata	10	2	1		S/M	0,1				0,5
Clase Ophiuroidea					S/M					

Anexo 76 (continuación)

Isla Ovalada (A05)

	Abundancia zooplanctónica por crucero (ind·m ⁻³)									
	8-dic-08	10-feb-09	20-mar-09	1-may-09	1-jun-09	26-jul-09	8-sep-09	19-oct-09	8-nov-09	6-dic-09
Phylum Cnidaria					S/M					
Clase Hydrozoa					S/M					
Orden Hydroida	1			6	S/M			0,3	0,1	
Orden Siphonophora	1			9	S/M	0,1		0,3	0,2	
Phylum Ctenophora					S/M					
Phylum Annelida					S/M					
Clase Polychaeta	4	24	0,2	1	S/M	0,1		1		0,1
Phylum Crustacea					S/M					
Clase Branchiopoda					S/M					
Suborden Cladocera	1569	13740	2005	4	S/M			11	1	0,1
Clase Malacostraca					S/M					
Subclase Eumalacostraca					S/M					
Orden Stomatopoda					S/M					
Orden Euphausiacea					S/M	0,01			0,01	
Orden Mysida					S/M					
Orden Decapoda					S/M					
Larva Zoea	3	73	3	6	S/M	7	6	4	0,4	0,4
Larva Megalopa					S/M				0,1	
Larva Mysis	3	2		1	S/M			2	0,1	
Orden Isopoda				5	S/M					
Orden Amphipoda	0,1			0,3	S/M	0,01	0,1		1	
Larva Nauplius	489	570	110	21	S/M	2	37	234	25	5
Clase Maxillopoda					S/M					
Subclase Copepoda					S/M					
Orden Calanoida	1667	1899	390	2420	S/M	234	636	749	133	301
Orden Cyclopoida	9	73	3	9	S/M	1	0,3	4		
Orden Harpacticoida	2	26	0,5	2	S/M	0,1	0,1	0,3		
Subclase Ostracoda					S/M	0,3				
Phylum Mollusca					S/M					
Clase Bivalvia	42	41	2	2	S/M	0,1	1	1	0,2	
Clase Gastropoda	15	71	13	12	S/M	1	5	6	1	
Phylum Chaetognatha				2	S/M	1				
Phylum Tunicata (Urochordata)					S/M					
Clase Appendicularia (Larvacea)	40	210	4	66	S/M	0,2	3	9	4	0,3
Clase Thaliacea					S/M					
Orden Salpida					S/M					
Phylum Chordata					S/M					
Huevos de Pez		2	0,5	1	S/M		1	17	2	0,1
Larvas de Pez					S/M					
Phylum Bryozoa					S/M					
Larva Ciphonauto	17	30		9	S/M	2	2	3	0,3	1
Phylum Echinodermata					S/M					
Clase Ophiuroidea	7	13	1	1	S/M			1	2	

S/M: Sin Muestra

Anexo 77.

Composición taxonómica y abundancia del zooplancton entre 0 y 20 metros de profundidad,
para estaciones de la región de Magallanes.

Bahía Buena (M36)

	Abundancia zooplanctónica por crucero (ind·m ⁻³)									
	6-ene-09	2-mar-09	31-mar-09	11-may-09	19-jun-09	22-jul-09	12-sep-09	3-nov-09	1-dic-09	7-ene-10
Phylum Cnidaria										
Clase Hydrozoa										
Orden Hydroida	1		1		0,03			0,1	0,1	0,3
Orden Siphonophora	4									
Phylum Ctenophora										
Phylum Annelida										
Clase Polychaeta	8			0,1						
Phylum Crustacea										
Clase Branchiopoda										
Suborden Cladocera	129	9	0,02	0,4			0,2	4	1	0,4
Clase Malacostraca										
Subclase Eumalacostraca										
Orden Stomatopoda										
Orden Euphausiacea			0,02							
Orden Mysida										
Orden Decapoda							0,1			
Larva Zoea	3	6	0,01	0,03		0,01	3		0,1	0,2
Larva Megalopa								0,5		0,1
Larva Mysis		0,4						0,4	0,1	
Orden Isopoda	0,2			0,1	0,03		0,1			
Orden Amphipoda		0,2	0,01	0,04						
Larva Nauplius	70	1		0,1			0,4		0,02	0,01
Clase Maxillopoda										
Subclase Copepoda										
Orden Calanoida	0,3	59	0,1	0,2	0,1	0,04	1	2	55	18
Orden Cyclopoida	12	0,3	0,03	0,1	0,03	0,01		0,5	1	2
Orden Harpacticoida	0,4									
Subclase Ostracoda										
Phylum Mollusca										
Clase Bivalvia	0,4	0,1	0,01	0,03		0,1		0,1	0,02	0,1
Clase Gastropoda		1					0,1			
Phylum Chaetognatha	0,1									
Phylum Tunicata (Urochordata)										
Clase Appendicularia (Larvacea)	0,2									
Clase Thaliacea										
Orden Salpida										
Phylum Chordata										
Huevos de Pez	0,05					0,002	0,01			0,04
Larvas de Pez		0,1								0,1
Phylum Bryozoa										
Larva Ciphonauto	2		0,01							
Phylum Echinodermata										
Clase Ophiuroidea										

Anexo 77 (continuación)

Puerto Zenteno (M39)

	Abundancia zooplanctónica por crucero (ind·m ⁻³)									
	12-ene-09	3-mar-09	1-abr-09	12-may-09	18-jun-09	23-jul-09	13-sep-09	4-nov-09	5-dic-09	8-ene-10
Phylum Cnidaria										
Clase Hydrozoa										
Orden Hydroida	1	4	0,01		0,003			0,2		
Orden Siphonophora	2									
Phylum Ctenophora										
Phylum Annelida										
Clase Polychaeta	3	0,4		0,01						
Phylum Crustacea										
Clase Branchiopoda										
Suborden Cladocera	5	1		0,01			1	2	0,3	0,1
Clase Malacostraca										
Subclase Eumalacostraca										
Orden Stomatopoda										
Orden Euphausiacea	0,2									
Orden Mysida										
Orden Decapoda										
Larva Zoea	12	2	0,1	0,00			3	1	1	0,3
Larva Megalopa	1							0,2	0,1	0,2
Larva Mysis	0,2	0,1	0,01				0,1	0,1	0,1	0,3
Orden Isopoda					0,01		0,1			
Orden Amphipoda	0,03		0,04							
Larva Nauplius	2	0,2				0,01	0,02			0,01
Clase Maxillopoda										
Subclase Copepoda										
Orden Calanoida	0,3	4	0,1	0,01	0,01	0,04	0,4	1	55	2
Orden Cyclopoida	7	0,3	0,2	0,01			0,03	0,2	1	0,4
Orden Harpacticoida										
Subclase Ostracoda										
Phylum Mollusca										
Clase Bivalvia	2	0,1	0,1	0,03	0,02	0,03		0,1	0,2	0,1
Clase Gastropoda	0,1	0,02				0,003	0,04			
Phylum Chaetognatha										
Phylum Tunicata (Urochordata)										
Clase Appendicularia (Larvacea)										
Clase Thaliacea										
Orden Salpida										
Phylum Chordata										
Huevos de Pez	0,05									
Larvas de Pez		0,01								
Phylum Bryozoa										
Larva Ciphonauto	0,1							0,2		
Phylum Echinodermata										
Clase Ophiuroidea										

S/M: Sin Muestra

Anexo 78

Datos oceanogr3ficos (Temperatura, Salinidad, Sigma t y Ox3geno disuelto)
para las estaciones de la regi3n de Los Lagos

Estaci3n L01: Metri

Temperatura (°C)										
Cruceros	24-12-08	11-02-09	25-03-09	11-05-09	25-06-09	17-08-09	24-09-09	02-11-09	28-11-09	08-01-10
Prof (m)										
0	S/I	S/I	S/I	10,6	15,6	10,1	11,8	11,8	13,2	15,4
5	S/I	S/I	S/I	11,1	14,7	10,1	11,6	11,0	12,4	14,3
10	S/I	S/I	S/I	11,1	14,8	10,6	11,6	11,3	11,8	11,9
20	S/I	S/I	S/I	11,0	15,2	11,2	*	11,0	11,2	11,3
30	S/I	S/I	S/I	*	*	*	*	*	11,0	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	24-12-08	11-02-09	25-03-09	11-05-09	25-06-09	17-08-09	28-09-09	06-11-09	28-11-09	08-01-10
Prof (m)										
0	S/I	S/I	S/I	28,5	25,5	30,2	27,9	26,1	26,4	24,4
5	S/I	S/I	S/I	32,4	27,6	30,7	29,1	26,9	30,8	29,0
10	S/I	S/I	S/I	33,3	28,6	32,2	29,5	31,2	31,5	32,0
20	S/I	S/I	S/I	34,2	29,6	33,0	*	32,5	32,4	32,5
30	S/I	S/I	S/I	*	*	*	*	*	32,6	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	24-12-08	11-02-09	25-03-09	11-05-09	25-06-09	17-08-09	28-09-09	06-11-09	28-11-09	08-01-10
Prof (m)										
0	S/I	S/I	S/I	21,8	18,6	23,2	21,1	19,8	19,7	17,7
5	S/I	S/I	S/I	24,8	20,4	23,6	22,1	20,5	23,3	21,5
10	S/I	S/I	S/I	25,5	21,1	24,7	22,4	23,8	23,9	24,4
20	S/I	S/I	S/I	26,2	21,8	25,3	*	24,9	24,8	24,9
30	S/I	S/I	S/I	*	*	*	*	*	25,0	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Ox3geno (mg L ⁻¹)										
Cruceros	24-12-08	11-02-09	25-03-09	11-05-09	25-06-09	17-08-09	28-09-09	06-11-09	28-11-09	08-01-10
Prof (m)										
0	S/I	S/I	S/I	8,0	9,6	7,9	11,2	9,1	10,5	9,9
5	S/I	S/I	S/I	7,5	9,8	8,0	10,4	8,1	9,3	11,1
10	S/I	S/I	S/I	6,3	9,6	7,9	11,4	8,7	10,0	7,4
20	S/I	S/I	S/I	5,6	9,3	6,6	*	7,2	7,8	5,9
30	S/I	S/I	S/I	*	*	*	*	*	6,6	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuaci3n)

Estaci3n L02: Yates

Temperatura (°C)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	24-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	S/I	8,7	7,8	10,1	8,3	10,4	13,0
5	S/I	S/I	S/I	S/I	10,8	9,6	11,1	9,2	11,0	13,2
10	S/I	S/I	S/I	S/I	11,0	10,5	11,0	11,4	12,4	12,1
20	S/I	S/I	S/I	S/I	11,1	10,8	10,9	11,1	11,1	11,2
30	S/I	S/I	S/I	S/I	11,0	10,9	10,9	11,0	11,0	11,0
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	24-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	S/I	7,3	6,0	2,6	2,4	2,1	3,5
5	S/I	S/I	S/I	S/I	29,0	18,5	30,5	4,3	4,8	14,4
10	S/I	S/I	S/I	S/I	31,6	28,9	31,7	26,9	27,5	30,8
20	S/I	S/I	S/I	S/I	33,5	32,2	32,4	32,2	32,4	32,3
30	S/I	S/I	S/I	S/I	34,4	32,6	32,6	32,6	32,7	32,6
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	24-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	S/I	5,5	4,6	1,7	1,7	1,3	2,1
5	S/I	S/I	S/I	S/I	22,2	14,1	23,3	3,1	3,4	10,5
10	S/I	S/I	S/I	S/I	24,2	22,1	24,3	20,4	20,7	23,3
20	S/I	S/I	S/I	S/I	25,7	24,8	24,9	24,6	24,9	24,7
30	S/I	S/I	S/I	S/I	26,4	25,0	25,1	25,0	25,2	25,1
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	24-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	S/I	13,1	9,7	7,9	10,1	9,4	9,5
5	S/I	S/I	S/I	S/I	11,2	7,0	9,6	10,8	9,6	8,7
10	S/I	S/I	S/I	S/I	9,7	8,2	8,1	8,7	7,3	6,9
20	S/I	S/I	S/I	S/I	7,9	7,1	6,4	7,2	5,5	5,0
30	S/I	S/I	S/I	S/I	6,5	6,4	5,9	7,1	5,2	4,4
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L02N1: Sotomó

Temperatura (°C)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	23-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	12,2	8,5	7,6	9,9	8,2	10,6	13,3
5	S/I	S/I	S/I	12,4	10,5	9,8	11,0	10,0	11,4	13,4
10	S/I	S/I	S/I	11,8	10,7	10,6	11,0	11,4	12,7	11,9
20	S/I	S/I	S/I	11,0	11,0	10,8	10,9	11,0	11,1	11,1
30	S/I	S/I	S/I	10,8	*	10,8	10,9	11,0	11,0	11,0
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	23-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	11,0	2,9	6,3	5,0	2,4	3,1	3,8
5	S/I	S/I	S/I	21,5	28,2	16,8	29,9	10,3	4,7	10,3
10	S/I	S/I	S/I	32,2	31,3	31,3	31,9	28,6	26,3	31,8
20	S/I	S/I	S/I	34,0	33,2	32,3	32,5	32,4	32,4	32,4
30	S/I	S/I	S/I	34,8	*	32,5	32,7	32,6	32,7	32,6
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	23-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	8,0	2,1	4,8	3,6	1,7	2,0	2,3
5	S/I	S/I	S/I	16,1	21,6	12,9	22,8	7,8	3,3	7,3
10	S/I	S/I	S/I	24,5	24,0	24,0	24,4	21,8	19,8	24,1
20	S/I	S/I	S/I	26,1	25,5	24,8	24,9	24,8	24,9	24,9
30	S/I	S/I	S/I	26,8	*	25,0	25,1	25,0	25,1	25,1
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	23-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	9,0	12,2	5,1	8,7	10,3	8,6	7,7
5	S/I	S/I	S/I	8,9	10,7	8,2	10,2	10,5	6,8	8,7
10	S/I	S/I	S/I	8,0	9,8	8,7	7,8	8,5	8,1	7,2
20	S/I	S/I	S/I	6,1	8,6	8,0	6,5	6,8	6,0	5,0
30	S/I	S/I	S/I	5,2	*	7,1	5,9	6,3	5,3	4,5
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L02N2: Cochamó

Temperatura (°C)										
Cruceros	08-12-08	09-02-09	23-03-09	07-05-09	23-06-09	11-08-09	25-09-09	04-11-09	30-11-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	12,4	9,0	8,4	10,9	10,1	10,5	14,4
5	S/I	S/I	S/I	12,0	9,8	10,2	11,2	10,1	11,9	13,5
10	S/I	S/I	S/I	11,5	10,9	10,9	11,0	11,0	11,4	11,7
20	S/I	S/I	S/I	10,8	11,0	11,1	10,9	11,1	11,1	11,1
30	S/I	S/I	S/I	10,7	10,9	11,0	10,9	11,0	11,0	11,1
40	S/I	S/I	S/I	10,7	10,8	11,0	11,0	11,0	11,0	11,0
50	S/I	S/I	S/I	10,7	10,8	11,0	11,0	11,0	11,0	11,0
75	S/I	S/I	S/I	10,8	10,9	11,0	11,0	11,0	11,0	11,0
100	S/I	S/I	S/I	10,8	*	*	*	11,0	11,0	*

Salinidad (psu)										
Cruceros	08-12-08	09-02-09	23-03-09	07-05-09	23-06-09	11-08-09	25-09-09	04-11-09	30-11-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	10,2	8,7	4,5	5,4	3,8	5,5	1,4
5	S/I	S/I	S/I	29,2	15,6	19,4	22,8	4,5	22,3	16,1
10	S/I	S/I	S/I	32,6	30,9	31,2	31,6	26,1	31,3	31,5
20	S/I	S/I	S/I	34,0	33,1	32,5	32,4	32,0	32,4	32,4
30	S/I	S/I	S/I	34,8	34,4	32,8	32,6	32,4	32,7	32,6
40	S/I	S/I	S/I	35,7	35,1	32,9	32,7	32,7	32,8	32,7
50	S/I	S/I	S/I	36,5	36,0	32,9	32,8	32,7	32,8	32,8
75	S/I	S/I	S/I	38,5	38,0	33,0	32,9	32,9	32,9	32,9
100	S/I	S/I	S/I	40,5	*	*	*	32,9	33,0	*

Sigma-t (kg·m ⁻³)										
Cruceros	08-12-08	09-02-09	23-03-09	07-05-09	23-06-09	11-08-09	25-09-09	04-11-09	30-11-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	7,3	6,6	3,3	3,8	2,7	4,0	0,2
5	S/I	S/I	S/I	22,1	11,9	14,8	17,3	3,2	16,8	11,8
10	S/I	S/I	S/I	24,8	23,7	23,9	24,2	19,9	23,9	24,0
20	S/I	S/I	S/I	26,1	25,4	24,9	24,9	24,5	24,9	24,8
30	S/I	S/I	S/I	26,8	26,5	25,2	25,0	24,9	25,1	25,0
40	S/I	S/I	S/I	27,6	27,1	25,3	25,2	25,2	25,2	25,2
50	S/I	S/I	S/I	28,2	27,8	25,4	25,3	25,2	25,3	25,3
75	S/I	S/I	S/I	29,9	29,5	25,6	25,5	25,4	25,5	25,5
100	S/I	S/I	S/I	31,5	*	*	*	25,6	25,7	*

Oxígeno (mg L ⁻¹)										
Cruceros	08-12-08	09-02-09	23-03-09	07-05-09	23-06-09	11-08-09	25-09-09	04-11-09	30-11-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	9,1	12,5	1,8	8,8	10,8	14,6	7,7
5	S/I	S/I	S/I	8,4	11,8	7,5	8,9	10,7	9,8	9,6
10	S/I	S/I	S/I	7,3	9,7	7,2	8,5	9,4	11,5	6,6
20	S/I	S/I	S/I	5,6	8,5	6,6	6,2	7,0	5,7	4,5
30	S/I	S/I	S/I	5,0	6,4	5,2	5,7	5,9	4,5	4,0
40	S/I	S/I	S/I	4,7	5,7	4,2	5,0	5,4	4,1	3,5
50	S/I	S/I	S/I	4,6	5,3	3,7	4,3	4,4	4,2	3,4
75	S/I	S/I	S/I	4,4	4,8	3,5	3,5	4,1	3,9	3,4
100	S/I	S/I	S/I	4,3	*	*	*	3,9	3,6	*

Anexo 78 (continuación)

Estación L02N3: Marimeli

Temperatura (°C)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	23-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	12,3	8,7	7,8	10,1	7,9	10,3	13,3
5	S/I	S/I	S/I	12,3	10,3	10,1	11,1	9,8	11,4	12,9
10	S/I	S/I	S/I	11,3	10,8	10,7	11,0	11,4	12,5	12,0
20	S/I	S/I	S/I	10,9	11,0	10,7	11,0	11,0	11,1	11,3
30	S/I	S/I	S/I	10,8	*	*	10,9	11,0	11,0	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	23-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	13,7	7,5	6,6	4,6	1,5	2,3	4,4
5	S/I	S/I	S/I	15,1	26,2	21,7	29,9	8,8	5,9	17,0
10	S/I	S/I	S/I	32,9	31,8	31,8	31,7	29,9	27,1	30,7
20	S/I	S/I	S/I	34,1	33,5	32,0	32,2	32,3	32,4	32,2
30	S/I	S/I	S/I	34,8	*	*	32,5	32,6	32,7	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	23-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	10,1	5,7	5,0	3,3	1,0	1,5	2,7
5	S/I	S/I	S/I	11,2	20,1	16,6	22,8	6,6	4,2	12,5
10	S/I	S/I	S/I	25,1	24,4	24,3	24,2	22,8	20,4	23,3
20	S/I	S/I	S/I	26,2	25,7	24,6	24,7	24,7	24,9	24,7
30	S/I	S/I	S/I	26,8	*	*	25,0	25,0	25,1	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	23-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	9,2	13,2	3,6	8,7	10,6	9,3	9,4
5	S/I	S/I	S/I	9,5	11,3	7,8	9,8	10,7	7,6	9,0
10	S/I	S/I	S/I	8,2	9,9	8,1	7,9	8,2	6,4	7,3
20	S/I	S/I	S/I	6,0	8,6	7,6	6,6	7,0	6,7	5,1
30	S/I	S/I	S/I	5,3	*	*	6,0	6,4	5,8	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L02N4: Pocolhuén

Temperatura (°C)										
Cruceros	08-12-08	09-02-09	23-03-09	07-05-09	23-06-09	11-08-09	25-09-09	04-11-09	30-11-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	12,6	9,3	9,6	10,5	10,2	11,5	14,3
5	S/I	S/I	S/I	12,1	10,0	10,2	11,0	10,3	12,0	14,5
10	S/I	S/I	S/I	11,5	11,0	10,7	11,0	11,0	11,7	11,4
20	S/I	S/I	S/I	10,9	11,0	11,0	10,9	11,2	11,0	11,2
30	S/I	S/I	S/I	*	10,9	*	10,9	11,0	11,0	11,1
40	S/I	S/I	S/I	*	*	*		*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	08-12-08	09-02-09	23-03-09	07-05-09	23-06-09	11-08-09	25-09-09	04-11-09	30-11-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	9,9	6,8	8,0	3,0	3,6	6,7	3,5
5	S/I	S/I	S/I	28,7	18,9	21,3	31,3	4,7	13,7	7,2
10	S/I	S/I	S/I	32,6	31,2	28,3	31,9	26,0	29,7	32,1
20	S/I	S/I	S/I	33,8	33,4	32,5	32,3	31,9	32,4	32,4
30	S/I	S/I	S/I	*	34,3	*	32,6	32,5	32,6	32,6
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	08-12-08	09-02-09	23-03-09	07-05-09	23-06-09	11-08-09	25-09-09	04-11-09	30-11-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	7,1	5,1	6,0	2,0	2,5	4,8	1,9
5	S/I	S/I	S/I	21,7	14,4	16,2	23,9	3,4	10,1	4,7
10	S/I	S/I	S/I	24,9	23,8	21,7	24,4	19,8	22,6	24,5
20	S/I	S/I	S/I	26,0	25,6	24,9	24,8	24,5	24,9	24,8
30	S/I	S/I	S/I	*	26,4	*	25,0	25,0	25,0	25,0
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	08-12-08	09-02-09	23-03-09	07-05-09	23-06-09	11-08-09	25-09-09	04-11-09	30-11-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	8,6	8,4	3,2	8,1	9,2	10,7	9,4
5	S/I	S/I	S/I	7,7	11,8	7,6	8,5	11,1	9,1	10,4
10	S/I	S/I	S/I	6,6	9,5	7,3	7,4	9,4	8,9	6,4
20	S/I	S/I	S/I	5,2	5,5	6,1	6,1	6,7	5,9	4,3
30	S/I	S/I	S/I	*	6,3	*	5,4	5,9	5,0	3,9
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L03: Caleta La Arena

Temperatura (°C)										
Cruceros	06-01-09	14-02-09	02-04-09	13-05-09	24-06-09	19-08-09	28-09-09	07-11-09	02-12-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	11,0	10,1	10,5	12,5	10,1	12,5	13,3
5	S/I	S/I	S/I	11,1	10,6	10,6	12,3	11,1	12,0	12,0
10	S/I	S/I	S/I	11,1	10,8	11,0	11,3	11,2	11,1	11,7
20	S/I	S/I	S/I	11,1	11,2	11,1	10,9	11,0	10,9	11,6
30	S/I	S/I	S/I	11,0	*	11,2	10,9	11,0	10,9	11,2
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	06-01-09	14-02-09	02-04-09	13-05-09	24-06-09	19-08-09	28-09-09	07-11-09	02-12-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	29,9	27,9	31,5	26,0	11,2	26,3	17,8
5	S/I	S/I	S/I	31,7	31,6	32,0	27,6	27,7	30,7	32,0
10	S/I	S/I	S/I	33,3	32,2	32,6	30,8	30,7	32,5	32,2
20	S/I	S/I	S/I	34,1	33,7	33,0	32,3	32,3	32,8	32,3
30	S/I	S/I	S/I	34,9	*	33,1	32,3	32,6	32,9	32,5
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	06-01-09	14-02-09	02-04-09	13-05-09	24-06-09	19-08-09	28-09-09	07-11-09	02-12-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	22,8	21,4	24,1	19,6	8,5	19,8	13,0
5	S/I	S/I	S/I	24,2	24,2	24,5	20,8	21,1	23,3	24,3
10	S/I	S/I	S/I	25,5	24,7	25,0	23,5	23,4	24,9	24,5
20	S/I	S/I	S/I	26,2	25,8	25,3	24,8	24,8	25,2	24,6
30	S/I	S/I	S/I	26,8	*	25,4	24,8	25,0	25,3	25,0
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	06-01-09	14-02-09	02-04-09	13-05-09	24-06-09	19-08-09	28-09-09	07-11-09	02-12-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	8,6	11,8	8,1	8,0	10,3	7,5	9,1
5	S/I	S/I	S/I	7,9	10,7	7,2	9,7	8,8	6,5	7,4
10	S/I	S/I	S/I	7,0	10,3	7,4	10,1	8,9	7,1	5,7
20	S/I	S/I	S/I	6,4	8,5	6,6	7,1	7,7	5,6	5,9
30	S/I	S/I	S/I	6,1	*	6,2	6,7	7,1	5,7	5,5
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuaci3n)

Estaci3n L03N1: Potrerillos

Temperatura (°C)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	24-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	12,1	8,4	7,4	9,9	8,2	10,5	12,9
5	S/I	S/I	S/I	12,2	10,9	9,6	11,1	10,0	10,6	13,6
10	S/I	S/I	S/I	11,7	11,0	10,6	11,0	11,3	11,4	12,2
20	S/I	S/I	S/I	10,8	11,0	10,8	10,9	11,1	11,1	11,2
30	S/I	S/I	S/I	*	11,1	10,9	10,9	11,0	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	24-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	14,4	7,7	4,2	3,8	2,1	2,6	3,5
5	S/I	S/I	S/I	21,3	30,2	17,9	29,7	5,6	3,3	6,6
10	S/I	S/I	S/I	32,5	31,8	31,1	31,6	29,3	31,6	30,7
20	S/I	S/I	S/I	34,1	33,4	32,3	32,3	32,0	32,4	32,4
30	S/I	S/I	S/I	*	34,1	32,6	32,7	32,5	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	24-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	10,7	5,9	3,2	2,7	1,5	1,7	2,1
5	S/I	S/I	S/I	16,0	23,1	13,7	22,7	4,1	2,3	4,4
10	S/I	S/I	S/I	24,7	24,3	23,9	24,2	22,4	24,1	23,3
20	S/I	S/I	S/I	26,2	25,6	24,8	24,8	24,5	24,9	24,8
30	S/I	S/I	S/I	*	29,8	25,1	25,1	24,9	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	09-12-08	10-02-09	24-03-09	07-05-09	24-06-09	13-08-09	24-09-09	06-11-09	01-12-09	06-01-10
Prof (m)										
0	S/I	S/I	S/I	9,0	13,5	4,2	8,0	9,6	8,8	9,2
5	S/I	S/I	S/I	9,0	10,4	8,2	9,3	10,2	6,9	9,0
10	S/I	S/I	S/I	8,0	9,2	8,5	8,0	8,0	7,0	7,5
20	S/I	S/I	S/I	5,8	7,6	7,5	6,5	7,1	6,5	5,4
30	S/I	S/I	S/I	*	6,8	6,5	6,2	6,9	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L04: Calbuco

Temperatura (°C)										
Cruceros	10-12-08	08-02-09	25-03-09	11-05-09	25-06-09	17-08-09	23-09-09	02-11-09	26-11-09	05-01-10
Prof (m)										
0	S/I	S/I	S/I	11,7	15,5	10,1	11,0	11,7	12,7	12,9
5	S/I	S/I	S/I	11,8	15,3	10,3	10,9	11,6	11,9	12,7
10	S/I	S/I	S/I	11,8	15,5	10,4	10,7	11,2	11,3	12,5
20	S/I	S/I	S/I	11,8	*	10,4	10,7	*	11,0	11,4
30	S/I	S/I	S/I	*	*	10,5	10,6	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	10-12-08	08-02-09	25-03-09	11-05-09	25-06-09	17-08-09	23-09-09	02-11-09	26-11-09	05-01-10
Prof (m)										
0	S/I	S/I	S/I	33,0	28,5	32,5	32,6	29,7	31,9	32,4
5	S/I	S/I	S/I	33,2	29,0	32,7	32,6	30,6	32,2	32,4
10	S/I	S/I	S/I	33,5	29,5	32,8	32,6	31,6	32,6	32,4
20	S/I	S/I	S/I	33,9	*	32,8	32,7	*	32,7	32,8
30	S/I	S/I	S/I	*	*	32,8	32,8	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	10-12-08	08-02-09	25-03-09	11-05-09	25-06-09	17-08-09	23-09-09	02-11-09	26-11-09	05-01-10
Prof (m)										
0	S/I	S/I	S/I	25,1	20,8	25,0	24,9	22,6	24,0	24,4
5	S/I	S/I	S/I	25,3	21,3	25,1	25,0	23,3	24,5	24,5
10	S/I	S/I	S/I	25,5	21,6	25,2	25,0	24,2	24,9	24,5
20	S/I	S/I	S/I	25,8	*	25,3	25,1	*	25,1	25,1
30	S/I	S/I	S/I	*	*	25,3	25,2	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	10-12-08	08-02-09	25-03-09	11-05-09	25-06-09	17-08-09	23-09-09	02-11-09	26-11-09	05-01-10
Prof (m)										
0	S/I	S/I	S/I	7,8	8,9	8,6	7,5	7,9	8,0	9,2
5	S/I	S/I	S/I	7,5	9,1	8,0	7,3	8,3	11,4	9,2
10	S/I	S/I	S/I	7,3	9,0	8,3	7,2	8,7	9,9	9,2
20	S/I	S/I	S/I	7,2	*	8,2	7,0	*	8,4	7,5
30	S/I	S/I	S/I	*	*	8,1	6,9	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L05: Quetalmahue

Temperatura (°C)										
Cruceros	10-12-08	08-02-09	01-04-09	12-05-09	26-06-09	18-08-09	22-09-09	03-11-09	27-11-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	11,2	9,5	9,4	12,5	11,9	13,8	14,5
5	S/I	S/I	S/I	11,6	9,6	9,4	11,1	11,8	12,7	14,5
10	S/I	S/I	S/I	*	*	9,4	*	*	*	*
20	S/I	S/I	S/I	*	*	*	*	*	*	*
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	10-12-08	08-02-09	01-04-09	12-05-09	26-06-09	18-08-09	22-09-09	03-11-09	27-11-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	32,3	28,3	31,2	32,2	31,8	31,1	32,5
5	S/I	S/I	S/I	32,7	31,5	31,2	32,7	32,0	32,5	32,5
10	S/I	S/I	S/I	*	*	31,2	*	*	*	*
20	S/I	S/I	S/I	*	*	*	*	*	*	*
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	10-12-08	08-02-09	01-04-09	12-05-09	26-06-09	18-08-09	22-09-09	03-11-09	27-11-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	24,6	21,8	24,1	24,3	24,1	23,2	24,2
5	S/I	S/I	S/I	24,9	24,3	24,1	25,0	24,3	24,5	24,2
10	S/I	S/I	S/I	*	*	24,2	*	*	*	*
20	S/I	S/I	S/I	*	*	*	*	*	*	*
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	10-12-08	08-02-09	01-04-09	12-05-09	26-06-09	18-08-09	22-09-09	03-11-09	27-11-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	7,6	12,0	7,2	7,8	7,8	8,1	6,8
5	S/I	S/I	S/I	8,0	11,3	7,8	8,8	8,6	9,5	7,2
10	S/I	S/I	S/I	*	*	9,1	*	*	*	*
20	S/I	S/I	S/I	*	*	*	*	*	*	*
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L06: Hueihue

Temperatura (°C)										
Cruceros	10-12-08	08-02-09	01-04-09	12-05-09	26-06-09	18-08-09	22-09-09	09-11-09	27-11-09	05-01-10
Prof (m)										
0	S/I	S/I	S/I	11,4	11,0	10,5	10,6	10,8	12,2	11,4
5	S/I	S/I	S/I	11,7	11,2	10,5	10,4	10,6	11,5	11,3
10	S/I	S/I	S/I	11,7	11,2	10,5	10,4	10,6	11,2	11,0
20	S/I	S/I	S/I	11,7	11,3	10,5	10,4	10,6	11,0	10,9
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	10-12-08	08-02-09	01-04-09	12-05-09	26-06-09	18-08-09	22-09-09	09-11-09	27-11-09	05-01-10
Prof (m)										
0	S/I	S/I	S/I	32,7	32,4	32,9	30,7	32,4	32,2	32,2
5	S/I	S/I	S/I	33,3	32,9	32,9	32,5	32,7	32,6	32,6
10	S/I	S/I	S/I	33,7	33,2	32,9	32,6	32,7	32,7	32,8
20	S/I	S/I	S/I	34,5	33,9	33,0	32,6	32,8	32,7	32,8
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	10-12-08	08-02-09	01-04-09	12-05-09	26-06-09	18-08-09	22-09-09	09-11-09	27-11-09	05-01-10
Prof (m)										
0	S/I	S/I	S/I	24,9	24,8	25,2	23,5	24,8	24,4	24,5
5	S/I	S/I	S/I	25,3	25,1	25,3	25,0	25,1	24,9	24,8
10	S/I	S/I	S/I	25,7	25,4	25,3	25,0	25,1	25,0	25,1
20	S/I	S/I	S/I	26,3	26,0	25,4	25,1	25,2	25,1	25,2
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	10-12-08	08-02-09	01-04-09	12-05-09	26-06-09	18-08-09	22-09-09	09-11-09	27-11-09	05-01-10
Prof (m)										
0	S/I	S/I	S/I	8,2	9,4	6,9	7,2	8,5	7,8	6,9
5	S/I	S/I	S/I	8,1	9,8	7,8	7,2	8,9	9,7	6,8
10	S/I	S/I	S/I	7,7	9,7	7,6	7,3	8,0	10,3	6,7
20	S/I	S/I	S/I	7,3	9,7	7,5	7,1	8,2	8,7	6,3
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L06N1: Isla Caicura

Temperatura (°C)										
Cruceros	06-01-09	14-02-09	02-04-09	13-05-09	24-06-09	27-08-09	29-09-09	07-11-09	02-12-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	10,7	9,1	9,1	11,5	9,5	11,7	13,2
5	S/I	S/I	S/I	10,7	10,6	10,7	11,4	11,1	12,6	12,5
10	S/I	S/I	S/I	11,4	10,7	10,7	11,0	11,3	11,1	11,7
20	S/I	S/I	S/I	11,3	11,2	10,8	10,9	11,1	10,9	11,2
30	S/I	S/I	S/I	11,2	*	10,8	10,8	10,9	10,9	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	06-01-09	14-02-09	02-04-09	13-05-09	24-06-09	27-08-09	29-09-09	07-11-09	02-12-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	21,1	17,7	12,1	25,6	3,6	10,6	5,4
5	S/I	S/I	S/I	28,0	31,8	31,9	29,9	24,9	26,4	31,3
10	S/I	S/I	S/I	31,9	32,3	32,3	31,9	30,8	32,3	32,1
20	S/I	S/I	S/I	34,1	33,6	32,6	32,2	32,3	32,7	32,5
30	S/I	S/I	S/I	35,0	*	32,8	32,5	32,5	32,8	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	06-01-09	14-02-09	02-04-09	13-05-09	24-06-09	27-08-09	29-09-09	07-11-09	02-12-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	16,0	13,6	9,2	19,4	2,5	7,7	3,5
5	S/I	S/I	S/I	21,4	24,4	24,5	22,7	19,0	19,8	23,7
10	S/I	S/I	S/I	24,4	24,8	24,8	24,4	23,5	24,7	24,4
20	S/I	S/I	S/I	26,1	25,7	25,1	24,7	24,7	25,1	24,9
30	S/I	S/I	S/I	26,9	*	25,2	25,0	25,0	25,2	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	06-01-09	14-02-09	02-04-09	13-05-09	24-06-09	27-08-09	29-09-09	07-11-09	02-12-09	04-01-10
Prof (m)										
0	S/I	S/I	S/I	8,7	12,0	9,7	9,2	10,5	10,3	9,6
5	S/I	S/I	S/I	8,9	10,8	8,2	10,2	9,3	6,8	8,6
10	S/I	S/I	S/I	8,4	10,5	8,4	10,1	8,7	7,6	6,6
20	S/I	S/I	S/I	7,2	9,8	7,9	7,0	7,7	6,1	5,4
30	S/I	S/I	S/I	6,4	*	7,7	6,7	7,3	6,0	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L07: Canal Caucahué

Temperatura (°C)										
Cruceros	18-12-08	29-01-09	20-03-09	30-04-09	18-05-09	28-07-09	10-09-09	28-10-09	20-11-09	21-12-09
Prof (m)										
0	S/I	S/I	S/I	12,6	11,5	10,3	10,3	10,7	10,6	11,5
5	S/I	S/I	S/I	12,4	11,5	10,3	10,3	10,5	10,7	11,5
10	S/I	S/I	S/I	12,4	11,5	10,3	10,2	10,4	10,7	11,3
20	S/I	S/I	S/I	12,3	11,5	10,3	10,2	10,4	10,7	10,9
30	S/I	S/I	S/I	*	11,5	*	*	10,4	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	18-12-08	29-01-09	20-03-09	30-04-09	18-05-09	28-07-09	10-09-09	28-10-09	20-11-09	21-12-09
Prof (m)										
0	S/I	S/I	S/I	32,9	33,0	32,8	32,2	32,0	32,6	32,8
5	S/I	S/I	S/I	33,3	33,4	32,8	32,3	32,7	32,8	32,7
10	S/I	S/I	S/I	33,7	33,8	32,8	32,5	32,8	32,8	32,7
20	S/I	S/I	S/I	34,5	34,5	32,8	32,6	32,8	32,8	32,8
30	S/I	S/I	S/I	*	35,3	*	*	32,8	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	18-12-08	29-01-09	20-03-09	30-04-09	18-05-09	28-07-09	10-09-09	28-10-09	20-11-09	21-12-09
Prof (m)										
0	S/I	S/I	S/I	24,8	25,1	25,2	24,8	24,5	25,0	24,9
5	S/I	S/I	S/I	25,2	25,4	25,2	24,8	25,1	25,1	24,9
10	S/I	S/I	S/I	25,5	25,7	25,2	25,0	25,2	25,1	25,0
20	S/I	S/I	S/I	26,2	26,4	25,3	25,1	25,3	25,2	25,2
30	S/I	S/I	S/I	*	27,0	*	*	25,3	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	18-12-08	29-01-09	20-03-09	30-04-09	18-05-09	28-07-09	10-09-09	28-10-09	20-11-09	21-12-09
Prof (m)										
0	S/I	S/I	S/I	7,5	7,4	7,8	7,1	7,3	S/I	5,8
5	S/I	S/I	S/I	7,8	7,7	7,4	7,7	6,4	S/I	8,6
10	S/I	S/I	S/I	7,4	7,4	7,2	7,5	6,5	S/I	6,3
20	S/I	S/I	S/I	7,3	7,4	7,4	7,3	6,4	S/I	7,5
30	S/I	S/I	S/I	*	7,4	*	*	6,3	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L08: Isla Mechuque

Temperatura (°C)										
Cruceros	17-12-08	29-01-09	20-03-09	30-04-09	18-05-09	29-07-09	10-09-09	29-10-09	21-11-09	22-12-09
Prof (m)										
0	S/I	S/I	S/I	12,2	11,3	10,1	10,5	10,6	10,6	11,9
5	S/I	S/I	S/I	12,1	11,3	10,1	10,3	10,6	10,7	11,9
10	S/I	S/I	S/I	12,1	11,3	10,1	10,2	10,6	10,7	11,9
20	S/I	S/I	S/I	11,9	11,3	10,1	10,2	10,5	10,7	11,9
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	17-12-08	29-01-09	20-03-09	30-04-09	18-05-09	29-07-09	10-09-09	29-10-09	21-11-09	22-12-09
Prof (m)										
0	S/I	S/I	S/I	33,0	32,2	32,8	32,5	32,4	32,8	32,6
5	S/I	S/I	S/I	33,3	33,1	32,8	32,6	32,6	32,8	32,6
10	S/I	S/I	S/I	33,7	33,5	32,8	32,6	32,6	32,8	32,6
20	S/I	S/I	S/I	34,5	34,2	32,8	32,6	32,7	32,8	32,6
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	17-12-08	29-01-09	20-03-09	30-04-09	18-05-09	29-07-09	10-09-09	29-10-09	21-11-09	22-12-09
Prof (m)										
0	S/I	S/I	S/I	25,0	24,5	25,2	24,9	24,8	25,1	24,7
5	S/I	S/I	S/I	25,3	25,3	25,2	25,0	25,0	25,1	24,8
10	S/I	S/I	S/I	25,6	25,6	25,3	25,1	25,0	25,2	24,8
20	S/I	S/I	S/I	26,3	26,2	25,3	25,1	25,2	25,2	24,9
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	17-12-08	29-01-09	20-03-09	30-04-09	18-05-09	29-07-09	10-09-09	29-10-09	21-11-09	22-12-09
Prof (m)										
0	S/I	S/I	S/I	7,8	6,8	8,5	7,6	7,5	S/I	8,6
5	S/I	S/I	S/I	7,2	8,0	8,3	7,9	7,0	S/I	7,6
10	S/I	S/I	S/I	7,2	8,0	8,3	7,6	7,0	S/I	7,4
20	S/I	S/I	S/I	7,2	8,2	8,4	7,5	6,9	S/I	7,0
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L09: Isla Butachauques

Temperatura (°C)										
Cruceros	17-12-08	29-01-09	19-03-09	30-04-09	18-05-09	29-07-09	10-09-09	29-10-09	21-11-09	22-12-09
Prof (m)										
0	S/I	S/I	S/I	12,5	11,5	10,1	10,6	10,6	10,8	11,3
5	S/I	S/I	S/I	12,1	11,5	10,1	10,4	10,5	10,6	11,1
10	S/I	S/I	S/I	12,0	11,5	10,2	10,2	10,5	10,5	11,1
20	S/I	S/I	S/I	11,8	11,5	10,2	10,1	10,4	10,5	10,9
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	17-12-08	29-01-09	19-03-09	30-04-09	18-05-09	29-07-09	10-09-09	29-10-09	21-11-09	22-12-09
Prof (m)										
0	S/I	S/I	S/I	31,3	33,0	32,8	32,2	32,6	32,7	32,7
5	S/I	S/I	S/I	32,7	33,2	32,8	32,3	32,7	32,7	32,8
10	S/I	S/I	S/I	33,4	33,6	32,8	32,4	32,8	32,8	32,8
20	S/I	S/I	S/I	34,5	34,4	32,8	32,7	32,8	32,8	32,9
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	17-12-08	29-01-09	19-03-09	30-04-09	18-05-09	29-07-09	10-09-09	29-10-09	21-11-09	22-12-09
Prof (m)										
0	S/I	S/I	S/I	23,7	25,1	25,2	24,7	24,9	25,0	24,9
5	S/I	S/I	S/I	24,8	25,3	25,2	24,8	25,1	25,1	25,0
10	S/I	S/I	S/I	25,4	25,6	25,3	25,0	25,2	25,2	25,1
20	S/I	S/I	S/I	26,3	26,3	25,3	25,2	25,3	25,2	25,2
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	17-12-08	29-01-09	19-03-09	30-04-09	18-05-09	29-07-09	10-09-09	29-10-09	21-11-09	22-12-09
Prof (m)										
0	S/I	S/I	S/I	8,2	7,8	9,5	8,3	6,9	S/I	8,3
5	S/I	S/I	S/I	8,2	7,9	9,7	8,0	6,9	S/I	6,1
10	S/I	S/I	S/I	7,6	7,7	9,6	7,6	6,9	S/I	6,2
20	S/I	S/I	S/I	7,1	7,9	9,5	7,4	6,8	S/I	7,4
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L10: Ayacara

Temperatura (°C)										
Cruceros	17-12-08	29-01-09	19-03-09	29-04-09	19-05-09	29-07-09	10-09-09	29-10-09	21-11-09	29-12-09
Prof (m)										
0	S/I	S/I	S/I	12,5	11,4	9,7	10,9	11,0	11,9	13,0
5	S/I	S/I	S/I	12,4	11,4	9,8	10,6	10,9	11,3	12,7
10	S/I	S/I	S/I	12,4	11,4	10,1	10,4	10,9	11,2	12,6
20	S/I	S/I	S/I	12,0	11,4	10,3	10,4	10,9	10,7	12,3
30	S/I	S/I	S/I	*	*	10,4	*	10,8	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	17-12-08	29-01-09	19-03-09	29-04-09	19-05-09	29-07-09	10-09-09	29-10-09	21-11-09	29-12-09
Prof (m)										
0	S/I	S/I	S/I	30,7	30,4	31,1	28,2	31,5	29,5	27,3
5	S/I	S/I	S/I	32,1	31,8	31,4	29,3	31,9	30,6	30,5
10	S/I	S/I	S/I	32,5	32,2	31,9	30,6	32,0	31,2	31,0
20	S/I	S/I	S/I	33,9	32,9	32,2	32,1	32,1	32,5	31,6
30	S/I	S/I	S/I	*	*	32,2	*	32,2	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	17-12-08	29-01-09	19-03-09	29-04-09	19-05-09	29-07-09	10-09-09	29-10-09	21-11-09	29-12-09
Prof (m)										
0	S/I	S/I	S/I	23,1	23,1	24,0	21,5	24,0	22,3	20,5
5	S/I	S/I	S/I	24,3	24,2	24,2	22,4	24,4	23,3	23,0
10	S/I	S/I	S/I	24,6	24,6	24,5	23,5	24,5	23,8	23,4
20	S/I	S/I	S/I	25,8	25,2	24,8	24,7	24,6	25,0	23,9
30	S/I	S/I	S/I	*	*	24,9	*	24,7	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	17-12-08	29-01-09	19-03-09	29-04-09	19-05-09	29-07-09	10-09-09	29-10-09	21-11-09	29-12-09
Prof (m)										
0	S/I	S/I	S/I	8,2	7,2	10,3	7,0	7,0	S/I	7,5
5	S/I	S/I	S/I	8,2	7,8	10,8	8,4	6,8	S/I	7,3
10	S/I	S/I	S/I	8,1	7,8	10,7	8,4	6,9	S/I	7,2
20	S/I	S/I	S/I	7,9	8,1	9,9	7,5	6,9	S/I	7,1
30	S/I	S/I	S/I	*	*	9,4	*	6,9	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuaci3n)

Estaci3n L10N1: Isla Chul3n

Temperatura (°C)										
Cruceros	16-12-08	28-01-09	18-03-09	29-04-09	20-05-09	30-07-09	11-09-09	29-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	11,9	11,3	10,3	10,2	10,7	11,0	11,7
5	S/I	S/I	S/I	11,8	11,3	10,2	10,2	10,6	10,8	11,5
10	S/I	S/I	S/I	11,7	11,3	10,1	10,1	10,6	10,8	11,4
20	S/I	S/I	S/I	11,7	11,3	10,0	10,1	10,5	10,6	11,3
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	16-12-08	28-01-09	18-03-09	29-04-09	20-05-09	30-07-09	11-09-09	29-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	32,6	32,7	32,8	32,4	31,4	31,6	32,3
5	S/I	S/I	S/I	33,1	33,2	32,7	32,4	32,2	32,2	32,6
10	S/I	S/I	S/I	33,5	33,6	32,8	32,5	32,3	32,3	32,7
20	S/I	S/I	S/I	34,3	34,4	32,8	32,6	32,5	32,5	32,7
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	16-12-08	28-01-09	18-03-09	29-04-09	20-05-09	30-07-09	11-09-09	29-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	24,8	24,9	25,2	24,9	24,1	24,1	24,6
5	S/I	S/I	S/I	25,2	25,3	25,2	24,9	24,7	24,6	24,8
10	S/I	S/I	S/I	25,5	25,7	25,2	25,1	24,8	24,7	25,0
20	S/I	S/I	S/I	26,2	26,3	25,3	25,1	25,0	24,9	25,0
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Ox3geno (mg L ⁻¹)										
Cruceros	16-12-08	28-01-09	18-03-09	29-04-09	20-05-09	30-07-09	11-09-09	29-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	8,7	7,5	8,2	6,7	7,4	S/I	6,8
5	S/I	S/I	S/I	7,7	7,5	8,4	7,6	7,0	S/I	6,8
10	S/I	S/I	S/I	7,5	7,5	8,3	7,4	7,0	S/I	6,8
20	S/I	S/I	S/I	7,2	7,6	8,3	7,3	7,0	S/I	6,5
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L10N2: Isla Talcán 2

Temperatura (°C)										
Cruceros	17-12-08	28-01-09	19-03-09	29-04-09	20-05-09	30-07-09	11-09-09	29-10-09	21-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	11,7	11,3	10,1	10,2	10,9	11,4	12,3
5	S/I	S/I	S/I	11,7	11,3	10,1	10,2	10,9	11,2	12,3
10	S/I	S/I	S/I	11,7	11,3	10,1	10,1	10,8	10,8	12,1
20	S/I	S/I	S/I	11,7	11,2	10,1	10,1	10,6	10,8	11,7
30	S/I	S/I	S/I	*	*	*	*	10,5	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	17-12-08	28-01-09	19-03-09	29-04-09	20-05-09	30-07-09	11-09-09	29-10-09	21-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	32,9	32,8	32,2	32,3	31,1	31,0	31,5
5	S/I	S/I	S/I	33,3	33,1	32,8	32,3	31,3	31,1	31,5
10	S/I	S/I	S/I	33,6	33,5	32,8	32,5	31,7	31,8	31,9
20	S/I	S/I	S/I	34,4	34,4	32,9	32,5	32,2	32,0	32,3
30	S/I	S/I	S/I	*	*	*	*	32,5	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	17-12-08	28-01-09	19-03-09	29-04-09	20-05-09	30-07-09	11-09-09	29-10-09	21-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	25,0	25,0	24,7	24,8	23,7	23,6	23,8
5	S/I	S/I	S/I	25,3	25,3	25,3	24,9	23,9	23,7	23,8
10	S/I	S/I	S/I	25,6	25,6	25,3	25,0	24,3	24,4	24,2
20	S/I	S/I	S/I	26,2	26,3	25,4	25,1	24,7	24,6	24,7
30	S/I	S/I	S/I	*	*	*	*	25,0	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	17-12-08	28-01-09	19-03-09	29-04-09	20-05-09	30-07-09	11-09-09	29-10-09	21-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	7,7	7,7	9,8	7,2	7,4	S/I	7,4
5	S/I	S/I	S/I	6,8	7,6	9,6	7,5	7,4	S/I	6,9
10	S/I	S/I	S/I	6,7	7,5	9,5	7,4	7,5	S/I	6,9
20	S/I	S/I	S/I	6,9	7,7	9,3	7,3	7,2	S/I	6,7
30	S/I	S/I	S/I	*	*	*	*	7,0	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L10N3: Bahía Pumalín

Temperatura (°C)										
Cruceros	17-12-08	28-01-09	19-03-09	29-04-09	19-05-09	30-07-09	11-09-09	29-10-09	21-11-09	29-12-09
Prof (m)										
0	S/I	S/I	S/I	12,6	11,4	9,0	10,0	9,3	11,6	11,8
5	S/I	S/I	S/I	12,1	11,4	9,9	10,3	10,6	11,0	12,4
10	S/I	S/I	S/I	12,1	11,5	9,9	10,3	10,7	10,9	12,5
20	S/I	S/I	S/I	12,0	11,5	10,0	10,1	10,6	10,8	12,4
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	17-12-08	28-01-09	19-03-09	29-04-09	19-05-09	30-07-09	11-09-09	29-10-09	21-11-09	29-12-09
Prof (m)										
0	S/I	S/I	S/I	28,4	31,6	29,5	21,7	15,7	21,0	26,0
5	S/I	S/I	S/I	32,0	32,3	32,1	30,7	29,2	30,1	29,7
10	S/I	S/I	S/I	32,4	32,9	32,2	30,8	30,6	30,3	30,7
20	S/I	S/I	S/I	33,3	33,9	32,3	31,2	31,6	30,7	31,4
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	17-12-08	28-01-09	19-03-09	29-04-09	19-05-09	30-07-09	11-09-09	29-10-09	21-11-09	29-12-09
Prof (m)										
0	S/I	S/I	S/I	21,3	24,1	22,8	16,6	12,0	15,8	19,6
5	S/I	S/I	S/I	24,2	24,6	24,7	23,6	22,3	23,0	22,4
10	S/I	S/I	S/I	24,6	25,1	24,8	23,7	23,4	23,1	23,2
20	S/I	S/I	S/I	25,4	25,9	24,9	24,1	24,3	23,5	23,8
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	17-12-08	28-01-09	19-03-09	29-04-09	19-05-09	30-07-09	11-09-09	29-10-09	21-11-09	29-12-09
Prof (m)										
0	S/I	S/I	S/I	8,2	7,9	10,0	6,8	7,6	S/I	8,0
5	S/I	S/I	S/I	8,0	7,9	10,1	7,8	7,1	S/I	7,4
10	S/I	S/I	S/I	8,0	7,9	10,0	7,7	6,9	S/I	6,8
20	S/I	S/I	S/I	7,9	7,9	9,8	7,3	6,7	S/I	6,3
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L11: Canal Dalcahue

Temperatura (°C)										
Cruceros	18-12-08	29-01-09	20-03-09	30-04-09	18-05-09	28-07-09	10-09-09	28-10-09	20-11-09	21-12-09
Prof (m)										
0	S/I	S/I	S/I	12,5	11,2	9,8	9,9	10,7	11,0	12,4
5	S/I	S/I	S/I	12,3	11,3	9,8	9,9	10,5	11,0	11,8
10	S/I	S/I	S/I	12,1	11,3	10,0	10,0	10,4	10,7	11,2
20	S/I	S/I	S/I	11,9	11,4	10,0	10,0	10,3	10,5	11,0
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	18-12-08	29-01-09	20-03-09	30-04-09	18-05-09	28-07-09	10-09-09	28-10-09	20-11-09	21-12-09
Prof (m)										
0	S/I	S/I	S/I	32,6	33,2	32,9	32,6	32,4	32,7	32,6
5	S/I	S/I	S/I	33,4	33,5	32,9	32,5	32,8	32,9	32,7
10	S/I	S/I	S/I	33,8	33,9	33,0	32,7	32,9	33,0	32,8
20	S/I	S/I	S/I	34,6	34,7	33,0	32,8	33,0	33,0	32,9
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	18-12-08	29-01-09	20-03-09	30-04-09	18-05-09	28-07-09	10-09-09	28-10-09	20-11-09	21-12-09
Prof (m)										
0	S/I	S/I	S/I	24,6	25,3	25,4	25,1	24,8	25,0	24,7
5	S/I	S/I	S/I	25,3	25,6	25,4	25,0	25,2	25,2	24,8
10	S/I	S/I	S/I	25,7	25,9	25,4	25,2	25,3	25,3	25,1
20	S/I	S/I	S/I	26,4	26,6	25,5	25,3	25,4	25,4	25,2
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	18-12-08	29-01-09	20-03-09	30-04-09	18-05-09	28-07-09	10-09-09	28-10-09	20-11-09	21-12-09
Prof (m)										
0	S/I	S/I	S/I	7,7	7,6	7,6	7,7	7,0	S/I	7,9
5	S/I	S/I	S/I	8,0	7,6	7,1	7,8	6,8	S/I	7,5
10	S/I	S/I	S/I	7,7	7,5	7,4	7,7	6,7	S/I	7,5
20	S/I	S/I	S/I	7,2	7,6	7,3	7,3	6,8	S/I	6,9
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L12: Isla Quehui

Temperatura (°C)										
Cruceros	16-12-08	28-01-09	18-03-09	28-04-09	20-05-09	31-07-09	11-09-09	30-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	11,9	11,1	9,9	9,9	10,4	10,6	11,8
5	S/I	S/I	S/I	11,6	11,1	9,9	9,9	10,3	10,4	11,5
10	S/I	S/I	S/I	11,6	11,1	9,9	9,9	10,3	10,4	11,4
20	S/I	S/I	S/I	11,6	11,1	9,9	9,9	10,4	10,4	11,2
30	S/I	S/I	S/I	*	11,1	*	9,9	10,3	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	16-12-08	28-01-09	18-03-09	28-04-09	20-05-09	31-07-09	11-09-09	30-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	31,6	33,3	33,0	33,0	33,1	33,1	33,0
5	S/I	S/I	S/I	33,6	33,6	33,1	33,0	33,1	33,1	33,1
10	S/I	S/I	S/I	34,0	33,9	33,1	33,0	33,1	33,1	33,1
20	S/I	S/I	S/I	34,8	34,8	33,1	33,0	33,1	33,1	33,1
30	S/I	S/I	S/I	*	35,4	*	33,0	33,1	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	16-12-08	28-01-09	18-03-09	28-04-09	20-05-09	31-07-09	11-09-09	30-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	24,0	25,5	25,4	25,4	25,4	25,3	25,1
5	S/I	S/I	S/I	25,6	25,7	25,5	25,4	25,4	25,4	25,2
10	S/I	S/I	S/I	25,9	26,0	25,5	25,5	25,5	25,4	25,3
20	S/I	S/I	S/I	26,6	26,7	25,6	25,5	25,5	25,5	25,4
30	S/I	S/I	S/I	*	27,2	*	25,6	25,6	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	16-12-08	28-01-09	18-03-09	28-04-09	20-05-09	31-07-09	11-09-09	30-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	8,1	7,7	7,6	7,4	7,3	S/I	7,7
5	S/I	S/I	S/I	7,2	7,7	8,8	7,5	7,1	S/I	7,8
10	S/I	S/I	S/I	7,1	7,6	8,8	7,4	6,9	S/I	7,1
20	S/I	S/I	S/I	7,0	7,8	8,6	7,3	7,0	S/I	7,0
30	S/I	S/I	S/I	*	8,0	*	7,3	6,9	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L13: Isla Chaulec

Temperatura (°C)										
Cruceros	16-12-08	28-01-09	18-03-09	29-04-09	20-05-09	30-07-09	11-09-09	30-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	11,6	11,1	10,1	10,1	10,4	10,5	11,2
5	S/I	S/I	S/I	11,6	11,0	10,1	10,0	10,3	10,5	11,2
10	S/I	S/I	S/I	11,6	10,9	10,1	10,0	10,3	10,5	11,2
20	S/I	S/I	S/I	11,6	10,9	10,1	10,0	10,3	10,5	11,1
30	S/I	S/I	S/I	11,6	*	*	10,0	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	16-12-08	28-01-09	18-03-09	29-04-09	20-05-09	30-07-09	11-09-09	30-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	33,0	33,3	33,0	32,8	32,8	32,8	33,0
5	S/I	S/I	S/I	33,5	33,7	33,0	32,9	32,8	32,9	33,0
10	S/I	S/I	S/I	33,8	34,1	33,0	32,9	32,9	32,9	33,0
20	S/I	S/I	S/I	34,6	34,8	33,0	32,9	32,9	32,9	33,0
30	S/I	S/I	S/I	35,3	*	*	32,9	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	16-12-08	28-01-09	18-03-09	29-04-09	20-05-09	30-07-09	11-09-09	30-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	25,1	25,4	25,4	25,2	25,1	25,2	25,2
5	S/I	S/I	S/I	25,5	25,8	25,4	25,3	25,2	25,2	25,2
10	S/I	S/I	S/I	25,8	26,1	25,4	25,3	25,3	25,3	25,2
20	S/I	S/I	S/I	26,4	26,8	25,4	25,4	25,3	25,3	25,3
30	S/I	S/I	S/I	27,1	*	*	25,4	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	16-12-08	28-01-09	18-03-09	29-04-09	20-05-09	30-07-09	11-09-09	30-10-09	22-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	8,1	7,5	8,7	7,3	7,1	S/I	6,7
5	S/I	S/I	S/I	7,4	7,5	8,1	7,7	6,9	S/I	6,7
10	S/I	S/I	S/I	7,3	7,4	8,2	7,4	6,9	S/I	6,9
20	S/I	S/I	S/I	7,2	7,5	8,2	7,3	7,2	S/I	7,0
30	S/I	S/I	S/I	7,1	*	*	7,3	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L14: Isla Talcán

Temperatura (°C)										
Cruceros	16-12-08	28-01-09	19-03-09	29-04-09	20-05-09	30-07-09	11-09-09	30-10-09	21-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	11,8	11,4	10,2	10,2	10,5	11,2	11,8
5	S/I	S/I	S/I	11,7	11,3	10,1	10,2	10,5	10,8	11,8
10	S/I	S/I	S/I	11,6	11,3	10,1	10,1	10,5	10,6	11,7
20	S/I	S/I	S/I	11,6	11,3	10,1	10,1	10,4	10,5	11,5
30	S/I	S/I	S/I	11,6	*	10,1	10,1	10,4	10,4	11,5
40	S/I	S/I	S/I	11,5	*	10,1	10,1	10,4	10,4	11,4
50	S/I	S/I	S/I	11,4	*	10,1	10,0	10,4	10,4	11,3
75	S/I	S/I	S/I	11,4	*	10,1	10,0	10,3	10,4	11,1
100	S/I	S/I	S/I	*	*	10,0	10,0	10,2	*	*

Salinidad (psu)										
Cruceros	16-12-08	28-01-09	19-03-09	29-04-09	20-05-09	30-07-09	11-09-09	30-10-09	21-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	32,4	32,6	32,8	32,3	32,1	30,8	32,2
5	S/I	S/I	S/I	33,2	33,1	32,9	32,4	32,3	31,9	32,3
10	S/I	S/I	S/I	33,7	33,5	32,9	32,4	32,4	32,4	32,5
20	S/I	S/I	S/I	34,4	34,2	32,9	32,5	32,6	32,6	32,6
30	S/I	S/I	S/I	35,2	*	32,9	32,6	32,6	32,7	32,7
40	S/I	S/I	S/I	36,0	*	32,9	32,6	32,7	32,8	32,7
50	S/I	S/I	S/I	36,9	*	32,9	32,6	32,7	32,8	32,8
75	S/I	S/I	S/I	38,8	*	32,9	32,7	32,9	32,8	33,0
100	S/I	S/I	S/I	*	*	33,0	32,8	33,0	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	16-12-08	28-01-09	19-03-09	29-04-09	20-05-09	30-07-09	11-09-09	30-10-09	21-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	24,6	24,8	25,2	24,8	24,6	23,5	24,5
5	S/I	S/I	S/I	25,3	25,3	25,3	24,9	24,8	24,5	24,6
10	S/I	S/I	S/I	25,7	25,6	25,4	25,0	24,9	24,8	24,7
20	S/I	S/I	S/I	26,3	26,2	25,4	25,1	25,1	25,1	24,9
30	S/I	S/I	S/I	26,9	*	25,4	25,2	25,2	25,2	25,0
40	S/I	S/I	S/I	27,7	*	25,5	25,3	25,3	25,3	25,1
50	S/I	S/I	S/I	28,4	*	25,5	25,3	25,3	25,4	25,2
75	S/I	S/I	S/I	30,0	*	25,7	25,5	25,6	25,5	25,5
100	S/I	S/I	S/I	*	*	25,8	25,7	25,8	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	16-12-08	28-01-09	19-03-09	29-04-09	20-05-09	30-07-09	11-09-09	30-10-09	21-11-09	28-12-09
Prof (m)										
0	S/I	S/I	S/I	6,2	7,4	9,1	7,1	7,3	S/I	6,6
5	S/I	S/I	S/I	6,1	7,6	8,7	7,8	6,9	S/I	6,8
10	S/I	S/I	S/I	5,9	7,5	8,8	7,4	7,1	S/I	6,8
20	S/I	S/I	S/I	5,8	7,7	8,7	7,4	7,0	S/I	6,8
30	S/I	S/I	S/I	5,8	*	8,6	7,3	6,8	S/I	6,7
40	S/I	S/I	S/I	5,7	*	8,5	7,3	6,8	S/I	6,7
50	S/I	S/I	S/I	5,6	*	8,5	7,3	6,8	S/I	6,7
75	S/I	S/I	S/I	5,5	*	8,5	7,2	6,7	S/I	6,5
100	S/I	S/I	S/I	*	*	8,3	7,1	6,6	*	*

Anexo 78 (continuación)

Estación L16: Isla Acui

Temperatura (°C)										
Cruceros	04-12-08	22-01-09	12-03-09	15-04-09	28-05-09	22-07-09	02-09-09	08-10-09	23-11-09	08-12-09
Prof (m)										
0	S/I	S/I	S/I	11,0	10,6	9,9	9,8	10,2	S/I	11,6
5	S/I	S/I	S/I	11,0	10,6	9,9	9,8	10,2	S/I	11,3
10	S/I	S/I	S/I	11,0	10,6	9,9	9,8	10,1	S/I	11,1
20	S/I	S/I	S/I	11,0	10,6	9,9	9,8	10,1	S/I	10,9
30	S/I	S/I	S/I	*	*	9,9	9,8	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	04-12-08	22-01-09	12-03-09	15-04-09	28-05-09	22-07-09	02-09-09	08-10-09	23-11-09	08-12-09
Prof (m)										
0	S/I	S/I	S/I	33,4	33,0	33,1	33,1	32,7	S/I	33,0
5	S/I	S/I	S/I	33,7	33,3	33,1	33,1	33,2	S/I	33,0
10	S/I	S/I	S/I	34,1	33,8	33,1	33,1	33,2	S/I	33,1
20	S/I	S/I	S/I	34,8	34,5	33,1	33,1	33,2	S/I	33,1
30	S/I	S/I	S/I	*	*	33,1	33,1	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	04-12-08	22-01-09	12-03-09	15-04-09	28-05-09	22-07-09	02-09-09	08-10-09	23-11-09	08-12-09
Prof (m)										
0	S/I	S/I	S/I	25,5	25,3	25,5	25,5	25,2	S/I	25,1
5	S/I	S/I	S/I	25,8	25,6	25,5	25,5	25,5	S/I	25,2
10	S/I	S/I	S/I	26,1	26,0	25,5	25,5	25,5	S/I	25,3
20	S/I	S/I	S/I	26,7	26,6	25,6	25,6	25,6	S/I	25,4
30	S/I	S/I	S/I	*	*	25,6	25,7	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	04-12-08	22-01-09	12-03-09	15-04-09	28-05-09	22-07-09	02-09-09	08-10-09	23-11-09	08-12-09
Prof (m)										
0	S/I	S/I	S/I	7,9	8,0	7,1	7,4	6,8	8,7	9,0
5	S/I	S/I	S/I	7,5	7,6	7,0	7,6	7,1	8,7	8,7
10	S/I	S/I	S/I	7,1	7,5	7,0	7,6	6,8	8,6	8,2
20	S/I	S/I	S/I	7,0	7,5	7,1	7,4	6,8	8,2	8,1
30	S/I	S/I	S/I	*	*	7,2	7,2	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L16N1: Isla Chaullín

Temperatura (°C)										
Cruceros	04-12-08	22-01-09	12-03-09	15-04-09	29-05-09	22-07-09	02-09-09	08-10-09	23-11-09	08-12-09
Prof (m)										
0	S/I	S/I	S/I	10,9	10,5	9,8	10,0	10,3	S/I	11,4
5	S/I	S/I	S/I	10,9	10,5	9,8	10,0	9,9	S/I	11,2
10	S/I	S/I	S/I	10,9	10,5	9,9	10,0	9,9	S/I	11,2
20	S/I	S/I	S/I	10,9	10,5	10,0	10,0	9,9	S/I	11,1
30	S/I	S/I	S/I	*	*	10,0	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	04-12-08	22-01-09	12-03-09	15-04-09	29-05-09	22-07-09	02-09-09	08-10-09	23-11-09	08-12-09
Prof (m)										
0	S/I	S/I	S/I	33,4	33,0	33,0	32,8	31,9	S/I	32,7
5	S/I	S/I	S/I	33,7	33,4	33,0	32,8	33,5	S/I	32,7
10	S/I	S/I	S/I	34,1	33,7	33,1	32,8	33,5	S/I	32,7
20	S/I	S/I	S/I	34,8	34,5	33,1	32,9	33,5	S/I	32,8
30	S/I	S/I	S/I	*	*	33,1	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	04-12-08	22-01-09	12-03-09	15-04-09	29-05-09	22-07-09	02-09-09	08-10-09	23-11-09	08-12-09
Prof (m)										
0	S/I	S/I	S/I	25,5	25,3	25,4	25,2	24,4	S/I	24,9
5	S/I	S/I	S/I	25,8	25,6	25,5	25,3	25,8	S/I	25,0
10	S/I	S/I	S/I	26,1	25,9	25,5	25,3	25,8	S/I	25,0
20	S/I	S/I	S/I	26,8	26,5	25,6	25,4	25,9	S/I	25,2
30	S/I	S/I	S/I	*	*	25,6	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	04-12-08	22-01-09	12-03-09	15-04-09	29-05-09	22-07-09	02-09-09	08-10-09	23-11-09	08-12-09
Prof (m)										
0	S/I	S/I	S/I	7,9	8,0	6,8	7,6	6,6	8,8	9,6
5	S/I	S/I	S/I	7,5	7,8	6,8	7,5	6,4	9,1	9,1
10	S/I	S/I	S/I	7,1	7,6	6,9	7,7	6,2	9,0	9,1
20	S/I	S/I	S/I	7,0	7,7	6,7	7,7	6,1	8,5	8,7
30	S/I	S/I	S/I	*	*	6,7	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L17: Auchemó

Temperatura (°C)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	12,1	10,8	10,0	10,3	11,0	S/I	11,2
5	S/I	S/I	S/I	11,8	11,2	10,0	10,3	10,3	S/I	10,9
10	S/I	S/I	S/I	11,8	11,2	10,0	10,2	10,2	S/I	10,8
20	S/I	S/I	S/I	11,7	11,1	10,0	*	10,2	S/I	10,6
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	31,1	30,0	32,4	29,9	30,9	S/I	32,6
5	S/I	S/I	S/I	33,0	32,2	32,4	32,0	31,8	S/I	32,6
10	S/I	S/I	S/I	33,4	32,8	32,4	32,4	32,2	S/I	32,7
20	S/I	S/I	S/I	34,3	33,8	32,5	*	32,7	S/I	32,7
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	23,5	22,9	25,0	22,9	23,6	S/I	24,9
5	S/I	S/I	S/I	25,1	24,6	25,0	24,6	24,5	S/I	24,9
10	S/I	S/I	S/I	25,4	25,1	25,0	24,9	24,8	S/I	25,0
20	S/I	S/I	S/I	26,2	25,9	25,1	*	25,2	S/I	25,1
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	7,9	7,8	7,0	7,9	6,9	11,9	8,2
5	S/I	S/I	S/I	7,5	7,8	7,3	7,1	7,5	11,7	9,3
10	S/I	S/I	S/I	7,4	7,6	6,9	7,1	7,8	11,7	8,2
20	S/I	S/I	S/I	7,5	7,6	6,9	*	7,4	9,5	7,8
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L17N1: Estero Palvitad

Temperatura (°C)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	28-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	12,2	6,7	7,9	10,4	11,5	S/I	16,8
5	S/I	S/I	S/I	12,2	11,3	9,7	10,4	10,5	S/I	10,8
10	S/I	S/I	S/I	12,1	11,2	10,2	10,3	10,2	S/I	10,6
20	S/I	S/I	S/I	12,1	11,3	10,3	10,1	10,2	S/I	10,5
30	S/I	S/I	S/I	*	*	*	10,0	10,1	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	28-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	26,3	18,4	28,9	29,1	28,5	S/I	27,4
5	S/I	S/I	S/I	32,4	32,2	31,1	29,8	31,7	S/I	32,4
10	S/I	S/I	S/I	32,8	33,0	32,3	31,0	32,5	S/I	32,6
20	S/I	S/I	S/I	33,8	34,0	32,6	31,8	32,6	S/I	32,7
30	S/I	S/I	S/I	*	*	*	32,4	32,7	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	28-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	19,8	14,4	22,5	22,3	21,6	S/I	19,7
5	S/I	S/I	S/I	24,5	24,6	24,0	22,8	24,3	S/I	24,8
10	S/I	S/I	S/I	24,9	25,2	24,8	23,8	25,0	S/I	25,0
20	S/I	S/I	S/I	25,8	26,0	25,2	24,6	25,1	S/I	25,1
30	S/I	S/I	S/I	*	*	*	25,0	25,2	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	28-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	8,2	9,2	6,8	7,6	7,0	8,8	7,9
5	S/I	S/I	S/I	8,1	7,9	7,6	7,6	7,9	11,7	7,2
10	S/I	S/I	S/I	7,8	7,7	7,4	7,9	7,7	10,4	7,2
20	S/I	S/I	S/I	7,7	7,5	6,8	7,6	7,3	9,3	7,1
30	S/I	S/I	S/I	*	*	*	7,4	7,1	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L19: Punta Chiguao

Temperatura (°C)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	22-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	11,4	10,5	9,6	10,0	10,2	S/I	11,0
5	S/I	S/I	S/I	11,4	10,6	9,6	10,0	10,2	S/I	10,9
10	S/I	S/I	S/I	11,4	10,6	9,6	10,0	10,2	S/I	10,9
20	S/I	S/I	S/I	11,4	10,6	9,6	10,0	10,2	S/I	10,8
30	S/I	S/I	S/I	*	*	9,6	*	10,2	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	22-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0				33,1	33,0	32,9	32,8	33,0	S/I	32,8
5				33,5	33,4	32,9	32,8	33,1	S/I	32,8
10				33,9	33,8	32,9	32,8	33,1	S/I	32,8
20				34,6	34,6	32,9	32,8	33,1	S/I	32,8
30	*	*	*	*	*	32,9	*	33,1	S/I	*
40	*	*	*	*	*	*	*	*	*	*
50	*	*	*	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	22-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	25,2	25,3	25,4	25,2	25,4	S/I	25,0
5	S/I	S/I	S/I	25,5	25,6	25,4	25,2	25,4	S/I	25,1
10	S/I	S/I	S/I	25,9	26,0	25,4	25,3	25,5	S/I	25,1
20	S/I	S/I	S/I	26,5	26,6	25,5	25,3	25,5	S/I	25,2
30	S/I	S/I	S/I	*	*	25,5	*	25,6	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	22-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	6,6	7,7	6,0	7,4	7,1	9,3	8,9
5	S/I	S/I	S/I	7,0	7,6	7,0	7,2	7,1	8,9	8,4
10	S/I	S/I	S/I	6,8	7,5	6,9	7,4	6,7	8,6	8,2
20	S/I	S/I	S/I	6,7	7,7	6,9	7,4	6,7	7,8	8,1
30	S/I	S/I	S/I	*	*	6,9	*	6,6	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L19N1: Yelcho

Temperatura (°C)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	24-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	11,5	10,7	9,6	9,9	10,4	S/I	11,4
5	S/I	S/I	S/I	11,5	10,5	9,6	9,9	10,2	S/I	11,1
10	S/I	S/I	S/I	11,5	10,6	9,7	9,9	10,1	S/I	11,0
20	S/I	S/I	S/I	11,4	10,5	9,7	9,9	10,1	S/I	10,9
30	S/I	S/I	S/I	*	10,5	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	24-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	33,1	32,8	33,1	32,8	33,0	S/I	32,8
5	S/I	S/I	S/I	33,5	33,3	33,1	32,8	33,1	S/I	32,8
10	S/I	S/I	S/I	33,9	33,7	33,1	32,8	33,1	S/I	32,8
20	S/I	S/I	S/I	34,6	34,5	33,2	32,8	33,2	S/I	32,8
30	S/I	S/I	S/I	*	35,3	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	24-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	25,2	25,1	25,5	25,3	25,3	S/I	25,0
5	S/I	S/I	S/I	25,5	25,5	25,5	25,3	25,4	S/I	25,0
10	S/I	S/I	S/I	25,9	25,9	25,6	25,3	25,5	S/I	25,1
20	S/I	S/I	S/I	26,4	26,5	25,7	25,4	25,6	S/I	25,1
30	S/I	S/I	S/I	*	27,2	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	24-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	6,9	7,9	6,9	8,0	7,0	8,3	9,1
5	S/I	S/I	S/I	7,6	7,6	7,0	7,4	6,6	8,2	9,0
10	S/I	S/I	S/I	7,3	7,6	6,9	7,6	6,6	8,0	8,6
20	S/I	S/I	S/I	7,1	7,9	6,8	7,6	6,8	7,8	8,2
30	S/I	S/I	S/I	*	8,2	*	*	*	7,7	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuaci3n)

Estaci3n L19N2: Canal Coldita

Temperatura (°C)										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	29-05-09	21-07-09	04-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	11,5	10,1	9,7	10,1	10,4	S/I	11,7
5	S/I	S/I	S/I	11,3	10,5	9,9	10,0	10,2	S/I	11,2
10	S/I	S/I	S/I	11,0	10,5	10,0	10,0	10,0	S/I	11,0
20	S/I	S/I	S/I	10,9	10,6	9,9	10,0	9,8	S/I	10,7
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	29-05-09	21-07-09	04-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	32,7	31,7	32,8	32,4	33,0	S/I	32,5
5	S/I	S/I	S/I	33,4	33,1	32,9	32,7	33,3	S/I	32,7
10	S/I	S/I	S/I	34,0	33,6	33,1	32,9	33,4	S/I	32,7
20	S/I	S/I	S/I	34,8	34,3	33,2	33,0	33,5	S/I	32,8
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	29-05-09	21-07-09	04-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	24,9	24,3	25,3	24,9	25,3	S/I	24,7
5	S/I	S/I	S/I	25,5	25,4	25,3	25,2	25,6	S/I	25,0
10	S/I	S/I	S/I	26,0	25,8	25,5	25,3	25,7	S/I	25,0
20	S/I	S/I	S/I	26,7	26,4	25,7	25,5	25,9	S/I	25,2
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	29-05-09	21-07-09	04-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	7,7	8,0	6,9	6,9	7,4	8,0	8,7
5	S/I	S/I	S/I	7,4	7,7	7,5	7,8	7,2	8,2	8,2
10	S/I	S/I	S/I	7,1	7,7	7,1	7,3	6,7	7,6	8,0
20	S/I	S/I	S/I	6,8	7,9	7,0	7,1	6,3	7,3	7,9
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuaci3n)

Estaci3n L20: Isla Laitec

Temperatura (°C)										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	29-05-09	21-07-09	09-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	11,3	10,7	10,0	10,0	10,3	S/I	11,3
5	S/I	S/I	S/I	11,2	10,7	10,0	10,0	10,3	S/I	11,1
10	S/I	S/I	S/I	11,1	10,6	10,0	9,9	10,1	S/I	10,9
20	S/I	S/I	S/I	10,8	10,6	10,0	9,9	9,8	S/I	10,9
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*		*	*	*	*

Salinidad (psu)										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	29-05-09	21-07-09	09-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	33,3	29,3	33,3	32,9	33,3	S/I	32,8
5	S/I	S/I	S/I	33,6	33,3	33,3	32,9	33,3	S/I	32,8
10	S/I	S/I	S/I	34,0	33,6	33,3	33,0	33,4	S/I	32,8
20	S/I	S/I	S/I	34,7	34,5	33,3	33,0	33,6	S/I	32,9
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	29-05-09	21-07-09	09-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	25,4	22,4	25,6	25,3	25,6	S/I	25,0
5	S/I	S/I	S/I	25,7	25,5	25,6	25,4	25,6	S/I	25,0
10	S/I	S/I	S/I	26,0	25,8	25,7	25,4	25,7	S/I	25,1
20	S/I	S/I	S/I	26,7	26,5	25,7	25,5	26,0	S/I	25,2
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	29-05-09	21-07-09	09-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	7,9	8,1	7,1	7,7	7,4	7,8	9,2
5	S/I	S/I	S/I	7,4	7,7	7,5	7,5	6,8	8,1	8,9
10	S/I	S/I	S/I	7,1	7,8	7,3	7,2	6,6	7,8	8,2
20	S/I	S/I	S/I	7,0	8,0	7,2	7,2	6,4	7,5	8,1
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L20N1: Banco Velahue

Temperatura (°C)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	24-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	11,2	10,7	9,7	10,0	10,0	S/I	10,6
5	S/I	S/I	S/I	11,2	10,6	9,7	10,0	10,0	S/I	10,5
10	S/I	S/I	S/I	11,2	10,6	9,7	10,0	10,0	S/I	10,5
20	S/I	S/I	S/I	11,2	10,6	9,7	10,0	10,0	S/I	10,4
30	S/I	S/I	S/I	*	*	9,7	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*		*

Salinidad (psu)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	24-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	33,2	33,0	33,1	32,8	32,7	S/I	32,9
5	S/I	S/I	S/I	33,5	33,4	33,1	32,8	33,2	S/I	32,9
10	S/I	S/I	S/I	33,9	33,7	33,1	32,8	33,3	S/I	32,9
20	S/I	S/I	S/I	34,7	34,5	33,1	32,8	33,3	S/I	33,0
30	S/I	S/I	S/I	*	*	33,1	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*		*

Sigma-t (kg·m ⁻³)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	24-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	25,3	25,3	25,5	25,2	25,2	S/I	25,2
5	S/I	S/I	S/I	25,6	25,6	25,6	25,2	25,6	S/I	25,3
10	S/I	S/I	S/I	25,9	25,9	25,6	25,3	25,7	S/I	25,3
20	S/I	S/I	S/I	26,6	26,6	25,6	25,3	25,7	S/I	25,4
30	S/I	S/I	S/I	*	*	25,7	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	02-12-08	22-01-09	12-03-09	15-04-09	29-05-09	24-07-09	02-09-09	06-10-09	18-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	7,6	7,8	7,0	8,7	7,7	8,1	9,0
5	S/I	S/I	S/I	7,4	7,5	7,1	6,8	7,3	7,6	8,0
10	S/I	S/I	S/I	7,2	7,6	7,0	7,5	6,9	7,5	7,7
20	S/I	S/I	S/I	7,1	7,7	6,9	7,4	6,5	7,3	7,5
30	S/I	S/I	S/I	*	*	6,9	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuaci3n)

Estaci3n L21: Bahía Corcovado

Temperatura (°C)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	11,6	11,0	10,0	10,2	10,9	S/I	12,1
5	S/I	S/I	S/I	11,6	11,1	9,9	10,2	10,2	S/I	11,6
10	S/I	S/I	S/I	11,7	11,0	9,9	10,2	10,2	S/I	11,3
20	S/I	S/I	S/I	11,7	11,1	10,0	10,1	10,2	S/I	11,2
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*		*
50	S/I	S/I	S/I	*	*	*	*	*		*

Salinidad (psu)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	29,8	31,7	32,4	30,4	28,6	S/I	31,1
5	S/I	S/I	S/I	31,6	32,2	32,4	31,5	32,4	S/I	32,2
10	S/I	S/I	S/I	32,9	32,8	32,4	32,2	32,7	S/I	32,4
20	S/I	S/I	S/I	34,0	33,8	32,5	32,6	32,8	S/I	32,3
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*		*
50	S/I	S/I	S/I	*	*	*	*	*		*

Sigma-t (kg·m ⁻³)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	22,7	24,2	24,9	23,3	21,8	S/I	23,5
5	S/I	S/I	S/I	24,0	24,6	24,9	24,2	24,9	S/I	24,5
10	S/I	S/I	S/I	25,1	25,1	25,0	24,8	25,1	S/I	24,7
20	S/I	S/I	S/I	25,9	25,9	25,1	25,2	25,3	S/I	24,7
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*		*
50	S/I	S/I	S/I	*	*	*	*	*		*

Oxígeno (mg L ⁻¹)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	7,8	8,2	7,1	8,2	7,1	8,8	9,1
5	S/I	S/I	S/I	8,0	7,8	7,2	7,1	7,5	12,6	9,2
10	S/I	S/I	S/I	7,7	7,9	7,1	7,4	7,5	10,9	9,2
20	S/I	S/I	S/I	7,8	7,8	6,9	7,3	7,2	9,2	8,6
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L22: Bahía Asasao

Temperatura (°C)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	11,7	11,0	9,7	S/I	10,4	S/I	11,5
5	S/I	S/I	S/I	11,7	11,0	9,7	S/I	10,2	S/I	11,4
10	S/I	S/I	S/I	11,7	11,0	9,7	S/I	10,2	S/I	11,4
20	S/I	S/I	S/I	11,7	11,0	9,7	S/I	10,2	S/I	11,4
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	32,4	33,0	33,3	S/I	32,9	S/I	33,2
5	S/I	S/I	S/I	32,9	33,5	33,3	S/I	33,4	S/I	33,2
10	S/I	S/I	S/I	33,4	33,9	33,3	S/I	33,3	S/I	33,2
20	S/I	S/I	S/I	34,3	34,7	33,3	S/I	33,4	S/I	33,2
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	24,6	25,2	25,7	S/I	25,3	S/I	25,3
5	S/I	S/I	S/I	25,1	25,6	25,7	S/I	25,7	S/I	25,3
10	S/I	S/I	S/I	25,5	25,9	25,7	S/I	25,7	S/I	25,4
20	S/I	S/I	S/I	26,2	26,7	25,8	S/I	25,7	S/I	25,4
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	7,8	7,9	7,3	S/I	7,2	7,9	8,4
5	S/I	S/I	S/I	7,7	7,8	7,1	S/I	7,5	8,4	7,8
10	S/I	S/I	S/I	7,6	7,9	7,0	S/I	7,8	8,2	7,9
20	S/I	S/I	S/I	7,6	8,0	7,1	S/I	8,2	8,2	7,9
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuaci3n)

Estaci3n L22N1: Ensenada Quilanol

Temperatura (°C)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	11,9	11,2	9,8	S/I	10,4	S/I	11,6
5	S/I	S/I	S/I	11,9	11,2	9,8	S/I	10,2	S/I	11,5
10	S/I	S/I	S/I	11,9	11,2	9,8	S/I	10,1	S/I	11,3
20	S/I	S/I	S/I	11,7	11,1	9,8	S/I	10,0	S/I	11,1
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	32,7	33,2	33,4	S/I	33,3	S/I	33,1
5	S/I	S/I	S/I	33,2	33,6	33,4	S/I	33,3	S/I	33,3
10	S/I	S/I	S/I	33,7	34,1	33,4	S/I	33,4	S/I	33,3
20	S/I	S/I	S/I	34,5	34,9	33,5	S/I	33,5	S/I	33,4
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	24,9	25,4	25,8	S/I	25,6	S/I	25,2
5	S/I	S/I	S/I	25,2	25,7	25,8	S/I	25,7	S/I	25,4
10	S/I	S/I	S/I	25,6	26,1	25,8	S/I	25,7	S/I	25,4
20	S/I	S/I	S/I	26,4	26,8	25,9	S/I	25,8	S/I	25,6
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	7,9	8,0	7,0	S/I	6,8	8,3	8,9
5	S/I	S/I	S/I	7,8	7,8	7,1	S/I	7,7	8,4	8,3
10	S/I	S/I	S/I	7,6	7,8	6,9	S/I	7,9	8,4	7,9
20	S/I	S/I	S/I	7,5	7,8	7,0	S/I	7,7	8,4	7,6
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L22N2: Bahía Inio

Temperatura (°C)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	13,0	11,3	9,9	S/I	10,3	S/I	11,9
5	S/I	S/I	S/I	13,0	11,3	9,8	S/I	10,3	S/I	11,2
10	S/I	S/I	S/I	12,9	11,3	9,9	S/I	10,2	S/I	10,6
20	S/I	S/I	S/I	12,9	11,3	9,9	S/I	*	S/I	10,2
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	32,8	33,2	33,4	S/I	33,4	S/I	33,5
5	S/I	S/I	S/I	33,4	33,5	33,4	S/I	33,4	S/I	33,4
10	S/I	S/I	S/I	33,7	33,8	33,4	S/I	33,5	S/I	33,6
20	S/I	S/I	S/I	34,5	34,6	33,4	S/I	*	S/I	33,8
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	24,7	25,3	25,7	S/I	25,6	S/I	25,4
5	S/I	S/I	S/I	25,1	25,6	25,7	S/I	25,7	S/I	25,5
10	S/I	S/I	S/I	25,5	25,9	25,8	S/I	25,7	S/I	25,8
20	S/I	S/I	S/I	26,1	26,5	25,8	S/I	*	S/I	26,1
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	7,9	8,7	7,1	S/I	8,1	8,9	7,6
5	S/I	S/I	S/I	8,0	8,7	7,1	S/I	7,9	8,7	6,8
10	S/I	S/I	S/I	8,0	9,0	7,0	S/I	8,1	8,9	6,6
20	S/I	S/I	S/I	8,3	9,8	7,0	S/I	*	8,9	6,5
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L23: Isla San Pedro

Temperatura (°C)										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	30-05-09	21-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	11,0	10,6	9,9	10,1	10,1	S/I	11,0
5	S/I	S/I	S/I	11,0	10,6	9,9	10,1	10,0	S/I	10,7
10	S/I	S/I	S/I	11,0	10,6	9,9	10,1	10,0	S/I	10,6
20	S/I	S/I	S/I	10,9	10,6	9,9	10,1	9,9	S/I	10,5
30	S/I	S/I	S/I	*	10,6	9,9	10,1	9,9	S/I	10,3
40	S/I	S/I	S/I	*	10,6	9,9	10,1	9,9	S/I	10,3
50	S/I	S/I	S/I	*	10,6	10,0	10,1	9,9	S/I	10,3
75	S/I	S/I	S/I	*	*	10,0	10,1	*	S/I	10,2
100	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	30-05-09	21-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	33,2	32,9	33,3	33,0	33,5	S/I	32,9
5	S/I	S/I	S/I	33,6	33,3	33,3	33,0	33,5	S/I	33,0
10	S/I	S/I	S/I	33,9	33,7	33,3	33,0	33,6	S/I	33,0
20	S/I	S/I	S/I	34,8	34,5	33,3	33,0	33,6	S/I	33,0
30	S/I	S/I	S/I	*	35,3	33,3	33,0	33,6	S/I	33,1
40	S/I	S/I	S/I	*	36,0	33,4	33,0	33,6	S/I	33,1
50	S/I	S/I	S/I	*	36,8	33,4	33,0	33,6	S/I	33,2
75	S/I	S/I	S/I	*	*	33,4	33,0	*	S/I	33,3
100	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t ($\text{kg}\cdot\text{m}^{-3}$)										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	30-05-09	21-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	25,4	25,2	25,7	25,3	25,8	S/I	25,1
5	S/I	S/I	S/I	25,7	25,6	25,7	25,4	25,8	S/I	25,3
10	S/I	S/I	S/I	26,0	25,9	25,7	25,4	25,9	S/I	25,3
20	S/I	S/I	S/I	26,7	26,5	25,7	25,4	25,9	S/I	25,4
30	S/I	S/I	S/I	*	27,2	25,8	25,5	26,0	S/I	25,6
40	S/I	S/I	S/I	*	27,8	25,9	25,5	26,0	S/I	25,6
50	S/I	S/I	S/I	*	28,5	25,9	25,6	26,1	S/I	25,7
75	S/I	S/I	S/I	*	*	26,0	25,7	*	S/I	25,9
100	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L^{-1})										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	30-05-09	21-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	7,8	7,7	6,6	7,5	6,8	8,2	8,5
5	S/I	S/I	S/I	7,5	7,5	6,6	7,5	6,9	8,8	8,4
10	S/I	S/I	S/I	7,3	7,5	6,6	7,3	6,8	8,7	8,2
20	S/I	S/I	S/I	7,2	7,7	6,5	7,3	6,7	8,5	7,9
30	S/I	S/I	S/I	*	7,7	6,5	7,3	6,6	8,4	7,6
40	S/I	S/I	S/I	*	7,7	6,5	7,2	6,7	8,2	7,5
50	S/I	S/I	S/I	*	7,7	6,5	7,2	6,6	8,1	7,5
75	S/I	S/I	S/I	*	*	6,4	7,2	*	7,7	7,5
100	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L23N1: Canal Guamblad

Temperatura (°C)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	24-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	11,5	10,5	9,9	10,2	10,0	S/I	10,8
5	S/I	S/I	S/I	11,5	10,5	9,9	10,2	10,0	S/I	10,7
10	S/I	S/I	S/I	11,5	10,5	9,9	10,1	10,0	S/I	10,6
20	S/I	S/I	S/I	11,5	10,5	9,9	10,1	10,0	S/I	10,5
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	24-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	32,8	32,9	33,4	32,9	33,5	S/I	33,1
5	S/I	S/I	S/I	33,2	33,4	33,4	32,9	33,5	S/I	33,1
10	S/I	S/I	S/I	33,6	33,8	33,4	32,9	33,5	S/I	33,1
20	S/I	S/I	S/I	34,4	34,6	33,4	32,9	33,6	S/I	33,2
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	24-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	25,0	25,2	25,7	25,3	25,8	S/I	25,3
5	S/I	S/I	S/I	25,3	25,7	25,7	25,3	25,8	S/I	25,4
10	S/I	S/I	S/I	25,7	26,0	25,8	25,4	25,8	S/I	25,4
20	S/I	S/I	S/I	26,3	26,7	25,8	25,4	25,9	S/I	25,5
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	24-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	7,9	8,0	6,4	8,3	7,2	8,7	8,5
5	S/I	S/I	S/I	7,8	7,4	6,8	7,6	7,2	8,4	8,1
10	S/I	S/I	S/I	7,7	7,4	6,5	7,4	7,0	8,4	7,8
20	S/I	S/I	S/I	7,8	7,5	6,4	7,4	7,1	8,3	7,6
30	S/I	S/I	S/I	*	*	*	*	*	8,2	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuaci3n)

Estaci3n L23N2: Isla San Pedro 2

Temperatura (°C)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	24-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	11,5	10,6	9,8	10,2	9,9	S/I	11,6
5	S/I	S/I	S/I	11,5	10,5	9,8	10,1	10,0	S/I	11,0
10	S/I	S/I	S/I	11,4	10,5	9,8	10,1	10,0	S/I	10,8
20	S/I	S/I	S/I	11,3	10,5	9,8	10,1	9,9	S/I	10,7
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	24-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	32,8	32,8	33,3	32,9	32,3	S/I	33,0
5	S/I	S/I	S/I	33,2	33,2	33,3	32,9	33,5	S/I	33,0
10	S/I	S/I	S/I	33,7	33,6	33,3	32,9	33,5	S/I	33,1
20	S/I	S/I	S/I	34,5	34,6	33,3	33,0	33,6	S/I	33,1
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	24-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	25,0	25,1	25,7	25,3	24,8	S/I	25,1
5	S/I	S/I	S/I	25,3	25,5	25,7	25,3	25,8	S/I	25,2
10	S/I	S/I	S/I	25,7	25,8	25,7	25,4	25,9	S/I	25,3
20	S/I	S/I	S/I	26,4	26,7	25,8	25,4	25,9	S/I	25,4
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	30-05-09	24-07-09	04-09-09	10-10-09	21-11-09	05-12-09
Prof (m)										
0	S/I	S/I	S/I	7,9	8,2	6,7	8,1	6,8	7,8	8,3
5	S/I	S/I	S/I	7,7	7,7	6,8	7,6	7,4	8,9	8,1
10	S/I	S/I	S/I	7,6	7,7	6,7	7,5	7,2	8,8	8,1
20	S/I	S/I	S/I	7,7	7,6	6,6	7,5	7,1	8,5	7,7
30	S/I	S/I	S/I	*	*	*	*	*	*	
40	S/I	S/I	S/I	*	*	*	*	*	*	
50	S/I	S/I	S/I	*	*	*	*	*	*	

Anexo 78 (continuación)

Estación L24: Isla Guapikilán

Temperatura (°C)										
Cruceros	05-12-08	24-01-09	14-03-09	17-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	13,1	11,1	9,9	S/I	10,2	S/I	11,6
5	S/I	S/I	S/I	13,0	11,3	9,9	S/I	10,3	S/I	11,4
10	S/I	S/I	S/I	12,4	11,3	9,9	S/I	10,1	S/I	11,2
20	S/I	S/I	S/I	*	11,2	10,0	S/I	10,1	S/I	10,9
30	S/I	S/I	S/I	*	11,1	10,0	S/I	9,9	S/I	10,8
40	S/I	S/I	S/I	*	11,1	10,0	S/I	9,9		10,6
50	S/I	S/I	S/I	*	11,0	10,0	S/I	9,8		10,2
75	S/I	S/I	S/I	*	*	*	S/I	*		*
100	S/I	S/I	S/I	*	*	*	S/I	*		*

Salinidad (psu)										
Cruceros	05-12-08	24-01-09	14-03-09	17-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	32,9	31,9	33,5	S/I	33,5	S/I	33,4
5	S/I	S/I	S/I	33,4	33,7	33,5	S/I	33,5	S/I	33,5
10	S/I	S/I	S/I	33,8	34,0	33,5	S/I	33,5	S/I	33,5
20	S/I	S/I	S/I	*	34,6	33,5	S/I	33,5	S/I	33,6
30	S/I	S/I	S/I	*	35,1	33,5	S/I	33,6	S/I	33,6
40	S/I	S/I	S/I	*	35,9	33,5	S/I	33,6	*	33,6
50	S/I	S/I	S/I	*	36,7	33,5	S/I	33,6	*	33,8
75	S/I	S/I	S/I	*	*	*	S/I	*	*	*
100	S/I	S/I	S/I	*	*	*	S/I	*	*	*

Sigma-t ($\text{kg}\cdot\text{m}^{-3}$)										
Cruceros	05-12-08	24-01-09	14-03-09	17-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	24,8	24,3	25,8	S/I	25,7	S/I	25,5
5	S/I	S/I	S/I	25,2	25,7	25,8	S/I	25,7	S/I	25,5
10	S/I	S/I	S/I	25,6	26,0	25,9	S/I	25,8	S/I	25,6
20	S/I	S/I	S/I	*	26,5	25,9	S/I	25,9	S/I	25,8
30	S/I	S/I	S/I	*	27,0	25,9	S/I	26,0	*	25,9
40	S/I	S/I	S/I	*	27,7	26,0	S/I	26,0	*	26,0
50	S/I	S/I	S/I	*	28,3	26,0	S/I	26,1	*	26,2
75	S/I	S/I	S/I	*	*	*	S/I	*	*	*
100	S/I	S/I	S/I	*	*	*	S/I	*	*	*

Oxígeno (mg L^{-1})										
Cruceros	05-12-08	24-01-09	14-03-09	17-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	7,7	8,1	6,8	S/I	8,2	8,8	8,7
5	S/I	S/I	S/I	7,8	7,9	6,6	S/I	7,6	8,7	8,9
10	S/I	S/I	S/I	7,7	7,9	6,5	S/I	7,9	8,8	7,8
20	S/I	S/I	S/I	*	8,1	6,5	S/I	8,0	8,6	7,6
30	S/I	S/I	S/I	*	8,0	6,5	S/I	7,8		7,3
40	S/I	S/I	S/I	*	8,0	6,5	S/I	7,5	*	6,6
50	S/I	S/I	S/I	*	7,9	6,4	S/I	7,4	*	6,6
75	S/I	S/I	S/I	*	*	*	S/I	*	*	*
100	S/I	S/I	S/I	*	*	*	S/I	*	*	*

Anexo 78 (continuación)

Estación L24N1: Isla Guapikilán 2

Temperatura (°C)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	31-05-09	25-07-09	03-09-09	09-10-09	20-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	13,1	11,5	10,0	S/I	10,3	S/I	11,8
5	S/I	S/I	S/I	13,0	11,6	10,0	S/I	10,3	S/I	11,6
10	S/I	S/I	S/I	13,0	11,6	10,0	S/I	10,3	S/I	11,4
20	S/I	S/I	S/I	13,0	11,6	10,0	S/I	10,3	S/I	11,4
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	31-05-09	25-07-09	03-09-09	09-10-09	20-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	33,0	32,3	33,5	S/I	33,5	S/I	33,4
5	S/I	S/I	S/I	33,4	33,6	33,5	S/I	33,4	S/I	33,4
10	S/I	S/I	S/I	33,8	34,0	33,5	S/I	33,5	S/I	33,4
20	S/I	S/I	S/I	34,5	34,7	33,5	S/I	33,5	S/I	33,5
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	31-05-09	25-07-09	03-09-09	09-10-09	20-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	24,8	24,6	25,8	S/I	25,7	S/I	25,4
5	S/I	S/I	S/I	25,2	25,6	25,8	S/I	25,7	S/I	25,4
10	S/I	S/I	S/I	25,5	25,9	25,8	S/I	25,7	S/I	25,5
20	S/I	S/I	S/I	26,1	26,5	25,9	S/I	25,8	S/I	25,6
30	S/I	S/I	S/I	*	*	*	*	*	S/I	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	05-12-08	23-01-09	13-03-09	16-04-09	31-05-09	25-07-09	03-09-09	09-10-09	20-11-09	06-12-09
Prof (m)										
0	S/I	S/I	S/I	7,3	7,8	7,1	S/I	7,4	9,0	9,2
5	S/I	S/I	S/I	7,9	8,0	7,0	S/I	8,1	9,1	8,6
10	S/I	S/I	S/I	8,0	8,1	6,9	S/I	8,1	9,1	8,6
20	S/I	S/I	S/I	8,3	8,4	7,0	S/I	8,2	9,0	8,3
30	S/I	S/I	S/I	*	*	*	*	*	*	*
40	S/I	S/I	S/I	*	*	*	*	*	*	*
50	S/I	S/I	S/I	*	*	*	*	*	*	*

Anexo 78 (continuación)

Estación L25: Isla Tic Toc

Temperatura (°C)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	11,6	10,5	9,9	9,4	10,1	S/I	14,1
5	S/I	S/I	S/I	11,6	10,7	9,9	9,9	10,2	S/I	11,6
10	S/I	S/I	S/I	11,6	10,7	9,9	9,9	10,2	S/I	10,8
20	S/I	S/I	S/I	11,5	10,8	10,0	9,9	10,1	S/I	10,4
30	S/I	S/I	S/I	*	10,8	10,0	9,8	10,1	S/I	10,3
40	S/I	S/I	S/I	*	10,8	10,0	9,8	10,1	S/I	10,2
50	S/I	S/I	S/I	*	10,8	10,0	9,8	10,1	S/I	10,2
75	S/I	S/I	S/I	*	*	*	9,8	10,1	S/I	10,1
100	S/I	S/I	S/I	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	32,1	30,7	32,4	26,9	32,1	S/I	26,8
5	S/I	S/I	S/I	32,7	32,0	32,5	30,2	32,3	S/I	31,1
10	S/I	S/I	S/I	33,0	32,5	32,5	30,8	32,4	S/I	31,9
20	S/I	S/I	S/I	33,8	33,6	32,6	31,8	32,6	S/I	32,5
30	S/I	S/I	S/I	*	34,4	32,6	32,5	32,7	S/I	32,6
40	S/I	S/I	S/I	*	35,2	32,6	32,6	32,7	S/I	32,7
50	S/I	S/I	S/I	*	36,0	32,6	32,7	32,8	S/I	32,7
75	S/I	S/I	S/I	*	*	*	32,8	32,9	S/I	32,7
100	S/I	S/I	S/I	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	24,4	23,5	25,0	20,7	24,7	S/I	19,8
5	S/I	S/I	S/I	24,9	24,5	25,0	23,2	24,8	S/I	23,6
10	S/I	S/I	S/I	25,2	24,9	25,1	23,8	25,0	S/I	24,4
20	S/I	S/I	S/I	25,8	25,8	25,2	24,5	25,2	S/I	25,0
30	S/I	S/I	S/I	*	26,5	25,2	25,1	25,3	S/I	25,1
40	S/I	S/I	S/I	*	27,1	25,3	25,3	25,3	S/I	25,3
50	S/I	S/I	S/I	*	27,8	25,3	25,4	25,4	S/I	25,3
75	S/I	S/I	S/I	*	*	*	25,6	25,6	S/I	25,5
100	S/I	S/I	S/I	*	*	*	*	*	*	*

Oxígeno (mg L ⁻¹)										
Cruceros	03-12-08	21-01-09	11-03-09	14-04-09	27-05-09	23-07-09	01-09-09	07-10-09	22-11-09	07-12-09
Prof (m)										
0	S/I	S/I	S/I	7,9	7,8	7,0	7,8	7,7	8,1	9,5
5	S/I	S/I	S/I	7,7	8,5	7,2	8,0	7,4	9,6	8,2
10	S/I	S/I	S/I	7,6	8,1	7,0	7,9	7,3	9,6	7,5
20	S/I	S/I	S/I	7,5	8,1	6,9	7,8	7,2	9,1	7,2
30	S/I	S/I	S/I	*	8,1	6,9	7,9	7,2	8,8	7,2
40	S/I	S/I	S/I	*	8,1	6,8	7,6	7,1	8,6	7,1
50	S/I	S/I	S/I	*	8,0	6,8	7,3	7,0	8,4	7,1
75	S/I	S/I	S/I	*	*	*	7,1	6,9	8,1	7,2
100	S/I	S/I	S/I	*	*	*	*	*	*	*

*: Profundidad no alcanzada por la topografía de la estación.

S/I: Sin información

S/M: Sin Muestra

Anexo 79.

Datos oceanogr3ficos (Temperatura, Salinidad, Sigma t y Ox3geno disuelto)
para las estaciones de la regi3n de Ays3n

Estaci3n A01: Isla Virginia-Bah3a Low

Temperatura (°C)										
Cruceros	7-dic-08	8-feb-09	21-mar-09	29-abr-09	29-may-09	25-jul-09	7-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	12,2	12,9	13,6	11,6	10,1	9,4	13,4	10,1	10,0	S/I
5	12,0	12,9	13,3	11,6	10,2	9,4	13,6	10,1	10,0	S/I
10	11,8	12,8	13,2	11,6	10,3	9,4	13,6	10,1	10,0	S/I
20	11,0	12,6	12,4	11,6	10,4	9,4	13,8	10,1	9,9	S/I
30	10,5	12,5	12,4	11,6	10,4	9,5	14,0	10,1	9,9	S/I
40	10,0	12,4	12,3	11,6	10,5	9,5	14,1	10,0	9,9	S/I
50	9,5	12,4	12,3	11,5	10,7	9,5	14,1	9,9	*	S/I

Salinidad (psu)										
Cruceros	7-dic-08	8-feb-09	21-mar-09	29-abr-09	29-may-09	25-jul-09	7-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	30,0	31,7	32,0	32,1	31,1	31,6	29,8	32,3	32,7	S/I
5	31,0	32,2	32,2	32,3	31,2	31,6	29,9	32,4	33,0	S/I
10	31,5	32,3	32,6	32,3	31,4	31,6	30,3	32,4	S/I	S/I
20	33,0	32,4	32,8	32,5	31,8	31,7	30,8	32,4	S/I	S/I
30	33,0	32,6	33,1	32,6	31,8	31,9	31,4	32,4	S/I	S/I
40	33,0	33,2	33,2	32,6	32,0	32,0	32,0	32,6	S/I	S/I
50	33,0	33,9	33,2	32,7	32,6	31,9	32,9	32,7	S/I	S/I

Sigma-t (kg·m ⁻³)										
Cruceros	7-dic-08	8-feb-09	21-mar-09	29-abr-09	29-may-09	25-jul-09	7-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	22,7	23,9	24,0	24,4	23,9	24,4	22,3	24,8	25,1	S/I
5	23,5	24,2	24,2	24,6	24,0	24,5	22,4	24,9	25,4	S/I
10	23,9	24,3	24,5	24,6	24,1	24,5	22,6	24,9	S/I	S/I
20	25,2	24,5	24,8	24,8	24,5	24,5	23,1	25,0	S/I	S/I
30	25,3	24,6	25,0	24,9	24,5	24,8	23,6	25,0	S/I	S/I
40	25,4	25,1	25,1	25,0	24,7	24,8	24,1	25,3	S/I	S/I
50	25,5	25,7	25,1	25,1	25,2	24,9	24,8	25,4	S/I	S/I

Ox3geno (mg/l)										
Cruceros	7-dic-08	8-feb-09	21-mar-09	29-abr-09	29-may-09	25-jul-09	7-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	S/I	S/I	S/I	5,9	8,5	S/I	8,2	9,4	9,3	S/I
5	S/I	S/I	S/I	5,7	8,2	S/I	8,2	10,3	9,2	S/I
10	S/I	S/I	S/I	5,6	8,5	S/I	8,3	10,5	9,2	S/I
20	S/I	S/I	S/I	5,6	8,8	S/I	8,2	10,6	9,2	S/I
30	S/I	S/I	S/I	5,6	8,6	S/I	8,1	10,6	9,1	S/I
40	S/I	S/I	S/I	5,6	8,4	S/I	8,1	10,3	9,1	S/I
50	S/I	S/I	S/I	5,4	8,0	S/I	8,0	10,3	*	S/I

Anexo 79 (continuación)

Estación A02: Repollal-Canal Puquitrín

Temperatura (°C)										
Cruceros	7-dic-08	8-feb-09	21-mar-09	30-abr-09	30-may-09	25-jul-09	7-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	18,0	15,3	14,3	11,2	10,1	8,9	13,8	10,8	11,0	S/I
5	17,5	15,3	14,3	11,1	9,9	8,8	13,8	10,8	10,8	S/I
10	16,8	15,2	14,1	11,1	9,9	8,8	13,9	10,7	10,5	S/I
20	16,0	14,2	13,9	11,1	10,2	8,9	13,9	10,7	*	S/I
30	15,5	14,0	13,8	11,1	10,2	*	13,8	10,7	*	S/I
40	*	*	*	11,0	10,3	*	*	*	*	S/I
50	*	*	*	11,0	*	*	*	*	*	S/I

Salinidad (psu)										
Cruceros	7-dic-08	8-feb-09	21-mar-09	30-abr-09	30-may-09	25-jul-09	7-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	28,0	31,3	31,5	32,4	31,6	31,6	27,7	31,8	31,2	S/I
5	26,0	31,7	31,7	32,4	31,7	31,7	28,3	31,8	32,0	S/I
10	27,0	31,8	31,9	32,4	31,8	31,7	28,7	31,8	32,5	S/I
20	30,0	32,2	32,6	32,4	32,0	31,8	29,5	31,8	*	S/I
30	31,0	33,2	32,8	32,4	32,1	*	30,4	31,8	*	S/I
40	*	*	*	32,5	32,2	*	*	*	*	S/I
50	*	*	*	32,5	*	*	*	*	*	S/I

Sigma-t (kg·m ⁻³)										
Cruceros	7-dic-08	8-feb-09	21-mar-09	30-abr-09	30-may-09	25-jul-09	7-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	19,9	23,1	23,4	24,7	24,3	24,5	20,6	24,3	23,8	S/I
5	18,5	23,4	23,0	24,7	24,4	24,6	21,1	24,4	24,5	S/I
10	19,4	23,5	23,1	24,8	24,5	24,6	21,4	24,4	25,0	S/I
20	21,9	24,0	24,4	24,8	24,7	24,7	22,1	24,4	*	S/I
30	22,8	24,8	24,1	24,9	24,8	*	22,8	24,5	*	S/I
40	*	*	*	25,0	24,9	*	*	*	*	S/I
50	*	*	*	25,0	*	*	*	*	*	S/I

Oxígeno (mg/l)										
Cruceros	7-dic-08	8-feb-09	21-mar-09	30-abr-09	30-may-09	25-jul-09	7-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	S/I	S/I	S/I	5,6	7,6	S/I	8,0	10,0	9,6	S/I
5	S/I	S/I	S/I	5,3	7,6	S/I	8,0	10,3	9,8	S/I
10	S/I	S/I	S/I	5,2	8,3	S/I	7,9	10,5	9,6	S/I
20	S/I	S/I	S/I	5,1	7,9	S/I	7,8	10,6	*	S/I
30	S/I	S/I	S/I	5,1	7,7	S/I	7,1	10,6	*	S/I
40	*	*	*	5,0	7,5	S/I	*	*	*	S/I
50	*	*	*	5,0	*	S/I	*	*	*	S/I

Anexo 79 (continuación)

Estación A03: Puerto Barrientos

Temperatura (°C)										
Cruceros	8-dic-08	8-feb-09	21-mar-09	30-abr-09	30-may-09	26-jul-09	8-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	11,3	13,9	13,2	11,4	10,3	9,7	9,7	9,9	9,9	S/I
5	11,2	13,3	13,1	11,1	10,3	9,8	9,7	9,8	9,9	S/I
10	11,0	13,1	12,9	11,1	10,3	9,8	9,7	9,8	9,9	S/I
20	10,4	12,9	12,6	11,0	10,3	9,8	9,7	9,8	9,8	S/I
30	10,0	12,8	12,0	10,9	10,5	9,8	9,8	9,8	9,7	S/I
40	9,6	12,7	11,6	10,7	10,6	9,8	9,8	9,7	9,7	S/I
50	9,3	12,7	11,4	10,7	10,6	9,8	9,8	9,7	9,6	S/I
75	*	*	*	10,4	10,6	9,9	9,8	9,7	9,5	S/I
100	*	*	*	10,3	10,6	10,2	10,1	9,6	*	S/I

Salinidad (psu)										
Cruceros	8-dic-08	8-feb-09	21-mar-09	30-abr-09	30-may-09	26-jul-09	8-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	30,0	32,7	33,0	32,5	32,3	32,5	32,6	32,6	S/I	S/I
5	30,0	32,7	33,2	32,5	32,4	32,6	33,0	32,6	S/I	S/I
10	31,0	32,7	33,2	32,5	32,5	32,6	33,4	32,6	S/I	S/I
20	31,5	32,8	33,2	32,5	32,6	32,6	S/I	32,6	S/I	S/I
30	32,0	32,8	33,2	32,6	32,7	32,5	S/I	32,7	S/I	S/I
40	32,0	32,9	33,5	32,6	32,8	32,6	S/I	32,7	S/I	S/I
50	32,0	33,2	33,7	32,7	32,8	32,6	S/I	32,7	S/I	S/I
75	*	*	*	33,0	33,0	32,8	S/I	33,0	S/I	S/I
100	*	*	*	33,3	33,1	33,3	S/I	33,2	S/I	S/I

Sigma-t (kg·m ⁻³)										
Cruceros	8-dic-08	8-feb-09	21-mar-09	30-abr-09	30-may-09	26-jul-09	8-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	22,8	24,4	24,8	24,7	24,8	25,1	25,1	25,1	S/I	S/I
5	22,9	24,6	25,0	24,8	24,9	25,1	25,4	25,1	S/I	S/I
10	23,6	24,6	25,2	24,9	25,0	25,1	25,8	25,1	S/I	S/I
20	24,2	24,7	25,1	25,0	25,1	25,2	S/I	25,2	S/I	S/I
30	24,6	24,7	24,4	25,1	25,2	25,2	S/I	25,3	S/I	S/I
40	24,7	27,8	25,5	25,1	25,3	25,3	S/I	25,4	S/I	S/I
50	24,7	25,1	25,7	25,2	25,4	25,3	S/I	25,5	S/I	S/I
75	*	*	*	25,7	25,6	25,6	S/I	25,8	S/I	S/I
100	*	*	*	26,0	25,8	26,0	S/I	26,0	S/I	S/I

Oxígeno (mg/l)										
Cruceros	8-dic-08	8-feb-09	21-mar-09	30-abr-09	30-may-09	26-jul-09	8-sep-09	17-oct-09	7-nov-09	S/I
Prof (m)										
0	S/I	S/I	S/I	5,7	7,2	S/I	8,6	9,5	8,7	S/I
5	S/I	S/I	S/I	5,6	6,6	S/I	8,1	9,0	8,8	S/I
10	S/I	S/I	S/I	5,4	6,8	S/I	8,0	8,9	8,7	S/I
20	S/I	S/I	S/I	5,3	7,0	S/I	7,8	8,8	8,7	S/I
30	S/I	S/I	S/I	5,1	6,9	S/I	7,8	8,7	8,6	S/I
40	S/I	S/I	S/I	4,9	6,9	S/I	7,7	8,7	8,3	S/I
50	S/I	S/I	S/I	4,8	6,7	S/I	7,6	8,6	8,1	S/I
75	*	*	*	4,6	6,4	S/I	7,5	8,4	7,3	S/I
100	*	*	*	4,2	6,3	S/I	7,3	8,5	*	S/I

Anexo 79 (continuación)

Estación A04: Isla Julia - Grupo Peligroso

Temperatura (°C)										
Cruceros	9-dic-08	10-feb-09	21-mar-09	3-may-09	1-jun-09	27-jul-09	7-sep-09	17-oct-09	8-nov-09	S/I
Prof (m)										
0	13,2	12,6	13,7	11,3	10,2	9,3	9,8	10,1	10,0	S/I
5	13,0	12,6	13,4	11,2	10,3	9,3	9,8	10,1	10,0	S/I
10	12,7	12,5	12,9	11,2	10,3	9,4	9,7	10,1	10,0	S/I
20	11,0	12,2	12,5	11,2	10,4	9,4	9,8	10,1	10,0	S/I
30	10,5	12,1	12,4	11,1	10,4	9,5	9,8	10,1	10,0	S/I
40	9,8	12,1	12,3	10,9	10,4	9,5	9,8	10,1	10,0	S/I
50	9,0	12,0	12,3	10,8	10,4	9,5	9,8	10,1	10,0	S/I

Salinidad (psu)										
Cruceros	9-dic-08	10-feb-09	21-mar-09	3-may-09	1-jun-09	27-jul-09	7-sep-09	17-oct-09	8-nov-09	S/I
Prof (m)										
0	30,0	31,7	30,5	32,2	30,3	31,5	31,5	32,0	32,5	S/I
5	31,0	32,3	31,2	32,3	30,7	31,6	32,1	32,0	32,9	S/I
10	31,0	32,5	31,6	32,3	30,7	31,7	32,6	32,0	33,3	S/I
20	32,0	32,6	32,4	32,4	31,4	31,8	33,7	32,0	S/I	S/I
30	32,0	32,9	32,4	32,7	31,4	31,9	S/I	32,0	S/I	S/I
40	32,0	33,1	32,5	32,8	31,5	32,0	S/I	32,1	S/I	S/I
50	32,0	33,4	32,6	32,9	31,8	32,1	S/I	32,1	S/I	S/I

Sigma-t (kg·m ⁻³)										
Cruceros	9-dic-08	10-feb-09	21-mar-09	3-may-09	1-jun-09	27-jul-09	7-sep-09	17-oct-09	8-nov-09	S/I
Prof (m)										
0	22,5	23,9	22,8	24,6	23,2	24,3	24,3	24,6	25,0	S/I
5	23,3	24,4	23,4	24,6	23,6	24,4	24,7	24,6	25,3	S/I
10	23,4	24,6	23,8	24,7	23,6	24,5	25,2	24,7	25,6	S/I
20	24,4	24,7	24,5	24,8	24,2	24,6	26,0	24,7	S/I	S/I
30	24,5	25,0	24,5	25,1	24,2	24,8	S/I	24,8	S/I	S/I
40	24,6	25,1	24,6	25,3	24,3	24,8	S/I	24,8	S/I	S/I
50	24,8	25,3	24,7	25,4	24,6	25,0	S/I	24,9	S/I	S/I

Oxígeno (mg/l)										
Cruceros	7-dic-08	10-feb-09	21-mar-09	3-may-09	1-jun-09	27-jul-09	7-sep-09	17-oct-09	8-nov-09	S/I
Prof (m)										
0	S/I	S/I	S/I	5,7	6,9	S/I	8,7	9,9	9,5	S/I
5	S/I	S/I	S/I	5,6	6,7	S/I	8,7	9,9	9,6	S/I
10	S/I	S/I	S/I	5,5	6,9	S/I	8,8	10,1	9,6	S/I
20	S/I	S/I	S/I	5,3	6,6	S/I	8,8	10,2	9,5	S/I
30	S/I	S/I	S/I	5,0	6,5	S/I	8,7	10,2	9,3	S/I
40	S/I	S/I	S/I	4,8	6,4	S/I	8,7	10,1	9,2	S/I
50	S/I	S/I	S/I	4,6	6,2	S/I	8,6	10,0	9,2	S/I

Anexo 79 (continuación)

Estación A05: Isla Ovalada

Temperatura (°C)										
Cruceros	8-dic-08	10-feb-09	20-mar-09	1-may-09	1-jun-09	26-jul-09	7-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	12,5	12,7	12,9	11,1	10,2	9,4	9,6	9,9	10,0	S/I
5	12,2	12,5	12,6	11,0	10,2	9,4	9,6	9,9	9,9	S/I
10	11,9	12,3	12,0	11,0	10,2	9,4	9,6	9,9	9,9	S/I
20	11,1	12,3	11,9	10,8	10,2	9,5	9,6	9,8	9,8	S/I
30	10,5	12,3	11,8	10,8	10,3	9,5	9,6	9,8	9,8	S/I
40	9,8	12,3	11,8	10,8	10,3	9,5	9,6	9,8	9,8	S/I
50	9,5	12,1	11,7	10,8	10,3	9,5	9,6	9,8	9,8	S/I
75	*	*	*	10,7	10,3	9,5	9,6	9,8	9,8	S/I
100	*	*	*	10,7	10,3	9,6	9,7	9,8	9,8	S/I

Salinidad (psu)										
Cruceros	8-dic-08	10-feb-09	20-mar-09	1-may-09	1-jun-09	26-jul-09	7-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	31,0	32,9	32,7	31,9	31,6	31,9	32,2	32,2	32,3	S/I
5	32,0	32,9	32,8	32,0	31,6	32,0	32,6	32,2	32,7	S/I
10	32,0	32,9	33,0	32,0	31,7	32,0	33,0	32,3	33,1	S/I
20	32,0	32,9	33,1	32,3	31,8	32,1	S/I	32,3	33,6	S/I
30	32,0	33,0	33,2	32,3	31,8	32,1	S/I	32,3	S/I	S/I
40	33,0	33,0	33,3	32,4	31,9	32,1	S/I	32,3	S/I	S/I
50	33,0	33,4	33,3	32,4	32,0	32,1	S/I	32,3	S/I	S/I
75	*	*	*	32,4	32,2	32,2	S/I	32,3	S/I	S/I
100	*	*	*	32,5	32,3	32,2	S/I	32,3	S/I	S/I

Sigma-t (kg·m ⁻³)										
Cruceros	8-dic-08	10-feb-09	20-mar-09	1-may-09	1-jun-09	26-jul-09	7-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	23,4	24,8	24,6	24,4	24,3	24,7	24,8	24,8	24,8	S/I
5	24,2	24,9	24,2	24,4	24,3	24,7	25,1	24,8	25,2	S/I
10	24,3	24,9	25,0	24,5	24,4	24,8	25,5	24,9	25,5	S/I
20	24,4	25,0	25,1	24,8	24,5	24,8	S/I	25,0	26,3	S/I
30	24,5	25,0	25,2	24,9	24,6	24,9	S/I	25,0	S/I	S/I
40	25,4	25,0	25,3	25,0	24,7	24,9	S/I	25,1	S/I	S/I
50	25,5	25,3	25,3	25,0	24,8	25,0	S/I	25,1	S/I	S/I
75	*	*	*	25,2	25,1	25,1	S/I	25,2	S/I	S/I
100	*	*	*	25,3	25,2	25,3	S/I	25,3	S/I	S/I

Oxígeno (mg/l)										
Cruceros	8-dic-08	10-feb-09	20-mar-09	1-may-09	1-jun-09	26-jul-09	7-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	S/I	S/I	S/I	5,8	6,7	S/I	8,2	9,4	9,3	S/I
5	S/I	S/I	S/I	5,5	6,1	S/I	7,9	9,1	9,5	S/I
10	S/I	S/I	S/I	5,4	6,1	S/I	7,8	9,0	9,6	S/I
20	S/I	S/I	S/I	5,0	6,2	S/I	7,7	8,8	9,1	S/I
30	S/I	S/I	S/I	4,9	6,2	S/I	7,6	8,7	9,0	S/I
40	S/I	S/I	S/I	4,8	6,1	S/I	7,5	8,7	8,7	S/I
50	S/I	S/I	S/I	4,8	6,0	S/I	7,4	8,7	8,5	S/I
75	*	*	*	4,7	5,9	S/I	7,3	8,6	8,2	S/I
100	*	*	*	4,6	5,9	S/I	7,3	8,6	7,8	S/I

Anexo 79 (continuación)

Estación A05N1: Isla Valverde

Temperatura (°C)										
Cruceros	8-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	7-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	10,8	12,9	13,3	11,2	10,3	9,4	9,6	9,9	10,0	S/I
5	10,5	12,7	13,3	11,2	10,2	9,4	S/I	9,9	9,9	S/I
10	10,2	12,7	12,8	11,2	10,2	9,3	S/I	9,9	9,9	S/I
20	9,0	12,6	12,7	11,2	10,3	9,4	S/I	9,9	9,9	S/I
30	8,0	12,5	12,6	11,1	10,4	9,4	S/I	9,9	9,9	S/I
40	7,5	12,4	12,6	11,1	10,5	9,4	S/I	9,9	9,9	S/I
50	7,3	12,3	12,5	*	10,5	9,4	S/I	9,9	9,9	S/I

Salinidad (psu)										
Cruceros	8-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	7-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	30,0	32,0	31,9	31,8	30,5	31,6	31,7	31,6	32,1	S/I
5	31,0	32,5	32,5	31,8	30,6	31,6	28,4	31,6	32,5	S/I
10	31,0	32,6	32,6	31,8	30,7	31,6	28,7	31,7	32,9	S/I
20	32,0	32,6	33,3	31,9	31,1	31,6	29,5	31,7	33,7	S/I
30	32,0	32,6	33,4	31,9	31,6	31,7	29,9	31,7	S/I	S/I
40	32,0	32,8	33,5	31,9	31,6	31,7	30,8	31,8	S/I	S/I
50	32,0	33,7	33,5	*	31,9	31,7	31,7	31,9	S/I	S/I

Sigma-t (kg·m ⁻³)										
Cruceros	8-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	7-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	22,9	24,1	23,9	24,2	23,4	24,4	24,4	24,3	24,7	S/I
5	23,7	24,5	24,0	24,2	23,5	24,4	21,1	24,4	25,1	S/I
10	23,8	24,6	24,6	24,3	23,6	24,4	21,4	24,4	25,4	S/I
20	24,8	24,6	25,1	24,4	24,0	24,5	22,0	24,5	26,1	S/I
30	24,9	24,6	25,4	24,5	24,3	24,6	22,3	24,5	S/I	S/I
40	25,0	24,8	24,9	24,5	24,4	24,7	23,0	24,7	S/I	S/I
50	25,0	25,5	25,3	*	24,7	24,7	23,8	24,8	S/I	S/I

Oxígeno (mg/l)										
Cruceros	7-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	7-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	S/I	S/I	S/I	6,0	6,4	S/I	8,5	9,7	9,6	S/I
5	S/I	S/I	S/I	5,5	6,4	S/I	7,7	9,3	9,7	S/I
10	S/I	S/I	S/I	5,4	6,7	S/I	7,6	9,5	9,7	S/I
20	S/I	S/I	S/I	5,2	6,6	S/I	7,5	9,3	9,3	S/I
30	S/I	S/I	S/I	5,0	6,2	S/I	7,4	9,2	9,1	S/I
40	S/I	S/I	S/I	4,9	6,0	S/I	7,3	9,1	8,9	S/I
50	S/I	S/I	S/I	*	5,7	S/I	7,1	9,0	8,8	S/I

Anexo 79 (continuaci3n)

Estaci3n A06: Laja Brazo Pill3n 1

Temperatura (°C)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	19,4	14,8	11,8	13,0	8,1	6,9	8,2	9,3	9,1	12,8
5	14,9	13,8	13,6	12,7	10,6	9,2	9,0	10,7	10,0	10,6
10	13,7	12,9	13,2	12,2	11,7	11,3	9,6	10,4	10,2	10,5
20	12,5	12,2	12,3	11,9	11,6	11,2	9,8	10,2	10,2	10,3
30	12,0	11,9	12,0	11,9	11,7	11,5	10,1	10,3	10,2	10,3
40	12,0	11,9	12,0	11,9	11,6	11,3	10,3	10,3	10,3	10,3
50	12,0	11,9	12,0	11,9	11,6	11,2	10,5	10,4	10,3	10,4
75	*	11,7	12,0	11,9	*	11,3	10,9	10,6	10,4	10,6
100	*	11,5	11,8	11,4	*	11,5	11,0	11,0	11,1	11,0

Salinidad (psu)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	17,6	13,1	5,0	10,5	5,4	0,7	7,2	20,1	8,6	6,8
5	26,4	25,7	21,7	28,8	20,9	19,5	20,9	25,3	24,0	18,8
10	28,1	29,0	27,8	29,9	29,2	28,3	27,8	27,5	28,8	27,8
20	29,8	30,3	30,4	30,7	30,7	30,6	29,4	29,9	29,9	29,4
30	30,0	30,4	30,8	31,0	31,1	30,9	30,0	30,4	30,3	30,0
40	30,0	31,0	31,0	31,0	31,1	31,0	30,5	30,6	30,4	30,2
50	30,4	31,0	31,1	31,1	31,1	31,0	30,6	30,7	30,6	30,5
75	*	31,0	31,2	31,2	*	31,1	31,0	30,9	30,7	30,7
100	*	31,1	31,2	31,2	*	31,2	31,0	31,0	31,1	31,0

Sigma-t (kg·m ⁻³)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	11,7	9,2	3,4	7,5	4,1	0,5	5,5	15,4	6,5	4,7
5	19,4	19,1	16,1	21,7	15,9	15,0	16,1	19,3	18,4	14,3
10	20,9	21,8	20,9	22,7	22,2	21,5	21,5	21,1	22,2	21,3
20	22,5	23,0	23,0	23,4	23,4	23,4	22,7	23,0	23,0	22,6
30	22,7	23,2	23,4	23,6	23,7	23,6	23,2	23,5	23,4	23,1
40	22,7	23,7	23,6	23,7	23,8	23,8	23,6	23,6	23,5	23,4
50	23,0	23,7	23,7	23,8	23,9	23,9	23,7	23,7	23,7	23,6
75	*	23,9	24,0	24,0	*	24,0	24,0	24,0	23,9	23,9
100	*	24,1	24,1	24,2	*	24,2	24,1	24,1	24,2	24,1

Ox3geno (mg/l)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	S/I	10,1	9,8	7,6	10,7	10,9	11,4	11,2	14,3	10,4
5	S/I	9,6	8,6	6,5	9,1	9,4	10,2	11,4	12,3	10,4
10	S/I	9,2	8,1	5,3	7,5	8,5	9,3	11,4	11,7	9,7
20	S/I	7,2	6,9	4,5	6,5	6,7	8,7	9,7	10,5	8,8
30	S/I	6,3	6,2	4,8	5,6	6,1	8,2	8,3	9,9	8,0
40	S/I	5,6	5,9	4,8	6,1	5,8	7,8	7,8	9,6	7,7
50	S/I	5,6	6,0	4,7	6,1	5,7	7,3	7,6	9,3	7,5
75	*	5,0	5,7	4,5	*	5,4	6,3	7,0	8,8	6,6
100	*	4,3	4,8	2,6	*	4,1	5,3	5,8	7,4	5,4

Anexo 79 (continuaci3n)

Estaci3n A07: Canal

Temperatura (°C)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	14,7	14,3	11,6	11,8	9,3	7,0	8,7	9,9	8,8	11,5
5	13,6	13,2	11,9	11,9	10,4	9,5	9,2	10,0	10,0	11,4
10	13,0	12,5	11,9	11,7	10,7	10,2	9,6	10,0	10,1	10,8
20	12,7	12,2	11,9	11,7	10,8	10,5	9,6	10,1	10,1	10,8
30	12,8	12,2	11,9	11,7	10,9	10,4	9,7	10,1	10,1	10,8
40	*	*	11,9	11,7	10,9	*	*	10,1	10,1	*
50	*	*	*	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	22,4	14,4	18,2	12,0	19,4	2,2	19,8	23,1	11,2	18,8
5	27,6	24,9	28,1	28,0	27,4	23,1	26,5	25,3	28,3	23,8
10	29,0	30,0	28,3	31,2	30,3	29,1	30,1	27,0	29,5	29,6
20	30,2	31,2	30,7	31,8	31,3	30,8	30,4	28,9	30,5	30,6
30	30,7	31,7	32,0	32,1	31,8	30,9	31,0	30,0	31,2	31,1
40	*	*	32,0	32,2	31,9	*	*	30,3	*	*
50	*	*	*	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	16,3	10,2	13,7	8,8	14,9	1,6	15,3	17,7	8,6	14,2
5	20,6	18,6	21,3	21,2	21,0	17,8	20,5	19,4	21,8	18,0
10	21,8	22,7	21,5	23,7	23,2	22,3	23,2	20,8	23,2	22,7
20	22,7	23,7	23,4	24,3	24,1	23,7	23,5	22,2	23,5	23,5
30	23,1	24,1	24,4	24,5	24,5	23,9	24,0	23,2	24,1	23,9
40	*	*	24,5	24,6	24,5	*	*	23,5	*	*
50	*	*	*	*	*	*	*	*	*	*

Oxígeno (mg/l)										
Cruceros	7-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	S/I	10,0	8,7	8,1	9,3	10,4	9,9	10,7	12,4	10,3
5	S/I	9,7	7,9	7,0	8,5	9,5	9,3	10,4	11,5	10,2
10	S/I	8,6	7,8	5,9	8,1	8,5	9,0	10,1	11,2	10,1
20	S/I	7,3	7,9	5,8	8,1	7,4	9,0	9,5	10,8	9,9
30	S/I	7,2	7,9	5,9	8,2	7,1	9,1	9,1	10,6	10,1
40	*	*	7,9	5,9	8,2	*	*	8,9	*	*
50	*	*	*	*	*	*	*	*	*	*

Anexo 79 (continuación)

Estación A08: Repollal - Estero Las Islas

Temperatura (°C)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	15,0	14,9	11,4	12,7	8,3	7,0	7,4	9,9	8,8	11,4
5	13,6	13,2	11,8	11,9	10,8	8,7	8,3	9,9	9,9	10,9
10	12,6	12,6	12,1	11,9	11,0	10,0	9,3	10,1	10,0	10,6
20	12,7	12,4	12,4	11,9	11,1	10,6	9,6	10,1	10,1	10,6
30	12,6	12,2	12,2	11,9	11,4	10,7	9,6	10,1	10,1	10,5
40	12,7	12,2	12,2	11,9	11,4	10,6	9,8	10,1	10,2	10,4
50	12,5	12,3	12,2	11,8	11,4	10,7	9,8	10,1	10,1	10,2

Salinidad (psu)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	23,0	10,4	8,1	9,0	11,1	2,0	12,0	24,8	8,1	18,2
5	27,8	26,9	18,4	29,4	28,6	15,6	17,4	24,8	24,8	26,7
10	29,6	29,6	28,3	30,2	30,1	27,9	27,2	29,3	28,8	28,4
20	29,8	30,4	29,6	30,8	30,5	30,5	29,2	29,9	29,3	28,9
30	30,1	30,9	30,8	31,2	30,9	30,8	29,7	30,4	29,9	29,7
40	30,2	31,1	31,1	31,3	31,1	31,0	30,4	30,6	30,5	30,4
50	30,3	31,2	31,3	31,4	31,3	31,1	30,6	30,8	30,7	30,7

Sigma-t (kg·m ⁻³)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	16,3	7,1	5,9	6,4	8,5	1,5	9,3	19,0	6,1	13,7
5	20,7	20,1	13,8	22,3	21,9	12,0	13,5	19,0	19,1	20,4
10	22,3	22,3	21,4	22,9	23,0	21,5	21,0	22,5	22,2	21,7
20	22,4	23,1	22,4	23,5	23,3	23,4	22,6	23,1	22,6	22,2
30	22,7	23,5	23,4	23,8	23,7	23,7	23,0	23,5	23,1	22,9
40	22,7	23,7	23,7	23,9	23,9	23,9	23,6	23,7	23,6	23,5
50	22,9	23,8	23,9	24,1	24,0	24,0	23,8	23,9	23,8	23,8

Oxígeno (mg/l)										
Cruceros	7-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	S/I	10,0	9,7	8,0	10,1	10,6	10,7	10,3	13,7	10,2
5	S/I	9,3	9,0	6,7	8,5	9,5	10,1	10,3	11,7	9,7
10	S/I	8,6	8,1	5,9	7,9	8,6	9,4	9,8	11,2	9,6
20	S/I	7,3	7,6	5,4	7,6	7,4	9,0	9,3	10,6	9,4
30	S/I	6,8	7,4	5,4	7,2	6,9	8,9	9,0	10,4	9,4
40	S/I	6,7	7,2	5,3	6,8	6,7	8,7	8,9	10,1	9,1
50	S/I	6,5	7,1	5,0	7,2	6,5	8,4	8,8	9,8	8,6

Anexo 79 (continuación)

Estación A09: Santo Domingo

Temperatura (°C)										
Cruceros	16-dic-08	6-mar-09	31-mar-09	19-abr-09	24-may-09	19-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	15,3	12,6	10,8	11,8	10,0	9,0	9,5	10,6	9,8	11,7
5	14,8	12,7	11,8	11,7	10,2	10,1	9,6	10,3	10,1	11,1
10	14,6	12,1	11,6	11,6	10,5	10,2	9,7	10,2	10,2	10,7
20	12,9	11,8	11,6	11,6	10,7	10,3	9,7	10,1	10,1	10,5
30	12,9	11,6	11,7	11,6	10,8	10,3	9,7	10,0	10,1	10,3
40	12,9	11,4	11,7	11,5	10,9	10,4	9,7	10,0	10,1	10,2
50	12,8	11,2	11,7	11,4	10,9	10,4	9,8	10,0	10,0	10,1

Salinidad (psu)										
Cruceros	16-dic-08	6-mar-09	31-mar-09	19-abr-09	24-may-09	19-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	29,1	26,1	19,4	28,1	27,4	25,4	29,2	30,3	19,9	28,8
5	29,4	29,4	31,1	31,3	28,8	30,9	30,2	31,2	29,2	29,8
10	30,0	31,5	32,1	32,1	29,9	31,4	31,1	31,4	31,4	30,8
20	31,7	32,0	32,3	32,5	31,1	31,8	31,5	32,0	31,8	31,3
30	31,9	32,4	32,5	32,6	31,8	32,0	31,6	32,1	32,1	31,8
40	31,9	32,7	32,6	32,6	32,3	32,1	31,7	32,1	32,2	32,0
50	31,8	32,8	32,7	32,7	32,4	32,2	31,8	32,2	32,3	32,1

Sigma-t (kg·m ⁻³)										
Cruceros	16-dic-08	6-mar-09	31-mar-09	19-abr-09	24-may-09	19-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	21,4	19,6	14,7	21,3	21,0	19,6	22,5	23,2	15,2	21,9
5	21,7	22,1	23,6	23,8	22,1	23,7	23,3	24,0	22,4	22,7
10	22,2	23,9	24,5	24,4	22,9	24,2	24,0	24,2	24,1	23,6
20	23,9	24,4	24,7	24,8	23,9	24,5	24,3	24,7	24,6	24,1
30	24,0	24,7	24,9	24,9	24,4	24,7	24,5	24,8	24,8	24,6
40	24,0	25,1	24,9	25,0	24,9	24,8	24,6	24,9	24,9	24,7
50	24,0	25,3	25,1	25,1	25,0	24,9	24,7	25,0	25,0	24,9

Oxígeno (mg/l)										
Cruceros	7-dic-08	6-mar-09	31-mar-09	19-abr-09	24-may-09	19-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	S/I	8,5	8,7	7,2	8,7	8,7	9,2	9,7	12,8	9,7
5	S/I	8,2	7,5	6,8	8,5	8,5	9,0	9,8	11,9	10,0
10	S/I	8,0	6,7	6,3	8,4	7,9	9,0	9,7	11,2	9,8
20	S/I	7,3	6,2	6,0	8,4	7,6	9,1	9,4	10,4	9,2
30	S/I	6,9	6,2	6,2	8,2	7,5	9,2	9,0	10,1	8,9
40	S/I	6,5	6,3	6,0	8,0	7,3	9,1	8,9	9,9	8,9
50	S/I	6,2	6,3	6,0	7,9	7,2	9,1	8,8	9,9	8,8

Anexo 79 (continuación)

Estación A10: Añihué

Temperatura (°C)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	15,9	14,0	10,8	11,7	10,5	7,7	8,8	10,3	9,6	13,0
5	15,1	12,9	12,4	11,7	10,6	10,3	9,7	10,2	10,1	11,6
10	13,6	12,7	12,3	11,7	10,7	10,3	9,8	10,2	10,2	11,2
20	12,3	12,5	12,1	11,7	10,9	10,4	9,8	10,2	10,3	10,9
30	12,2	12,0	12,1	11,7	10,9	10,4	9,8	10,2	10,2	10,5
40	12,3	11,9	12,0	11,7	10,9	10,4	9,8	10,1	10,1	10,2
50	12,2	11,6	11,9	11,5	10,9	10,4	9,8	10,1	10,0	10,0
75	*	11,2	11,7	11,0	10,7	10,4	9,8	10,0	9,8	9,7
100	*	10,4	11,0	10,0	10,7	*	9,8	9,8	9,4	9,30

Salinidad (psu)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	25,3	23,0	10,3	32,2	31,0	7,3	20,0	29,0	20,1	25,6
5	27,8	30,9	31,8	32,2	31,1	31,2	29,3	31,7	28,6	27,6
10	30,7	31,8	32,5	32,2	31,2	31,4	31,3	31,9	30,2	30,8
20	30,6	32,3	32,6	32,3	31,8	31,8	31,7	32,3	31,8	31,4
30	32,3	32,6	32,7	32,5	32,2	31,8	31,7	32,3	32,0	31,9
40	32,4	32,7	32,7	32,5	32,4	31,8	31,8	32,3	32,2	32,2
50	32,5	32,8	32,8	32,7	32,5	32,0	31,8	32,4	32,4	32,4
75	*	33,1	32,9	33,1	32,8	32,5	32,4	32,6	32,8	32,9
100	*	33,4	33,3	33,6	32,9	*	32,7	33,2	33,3	33,3

Sigma-t (kg·m ⁻³)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	18,3	16,9	7,6	24,4	23,7	5,6	15,5	22,2	15,4	19,1
5	20,4	23,2	24,0	24,5	23,8	24,0	22,6	24,4	22,0	20,9
10	23,0	24,0	24,6	24,5	23,9	24,2	24,2	24,6	23,2	23,5
20	23,1	24,4	24,8	24,6	24,4	24,5	24,5	24,9	24,5	24,1
30	24,5	24,9	24,9	24,8	24,8	24,6	24,6	25,0	24,7	24,6
40	24,5	25,0	25,0	24,9	25,0	24,6	24,7	25,0	24,9	24,9
50	24,6	25,2	25,1	25,1	25,1	24,8	24,7	25,2	25,2	25,2
75	*	25,6	25,4	25,6	25,5	25,2	25,3	25,4	25,6	25,7
100	*	26,1	25,9	26,3	25,6	*	25,6	26,0	26,2	26,2

Oxígeno (mg/l)										
Cruceros	16-dic-08	5-mar-09	30-mar-09	19-abr-09	23-may-09	18-jun-09	7-sep-09	7-oct-09	12-nov-09	4-dic-09
Prof (m)										
0	S/I	9,3	9,2	6,9	8,6	9,6	10,1	9,6	12,8	11,5
5	S/I	8,8	8,1	6,7	8,3	8,1	9,3	9,4	11,9	12,2
10	S/I	8,7	7,9	6,7	8,2	8,4	9,1	9,3	11,8	11,4
20	S/I	8,2	7,9	6,5	8,4	7,8	9,2	9,2	11,2	10,3
30	S/I	7,8	8,1	6,4	8,4	8,0	9,1	9,1	10,8	9,9
40	S/I	7,2	8,1	6,1	8,2	7,6	9,1	9,0	10,6	9,3
50	S/I	6,9	8,0	5,9	8,0	7,5	9,1	9,0	10,4	8,8
75	*	6,4	7,6	5,2	7,6	7,3	8,9	8,6	9,8	7,9
100	*	5,8	6,8	4,2	7,5	*	8,6	7,8	9,1	7,2

Anexo 79 (continuación)

Estación A11: Melimoyu

Temperatura (°C)										
Cruceros	16-dic-08	6-mar-09	31-mar-09	19-abr-09	24-may-09	19-jun-09	8-sep-09	7-oct-09	11-nov-09	5-dic-09
Prof (m)										
0	15,4	13,0	10,7	10,2	9,8	9,0	9,3	10,7	10,1	12,2
5	14,6	12,9	12,0	11,9	10,0	10,1	9,5	10,3	10,2	11,4
10	13,3	12,8	11,8	11,5	10,5	10,2	9,7	10,2	10,2	10,7
20	12,1	12,1	11,6	11,3	10,8	10,4	9,7	10,0	10,1	10,3
30	11,8	11,3	11,4	11,2	10,9	10,4	9,7	10,0	10,0	10,2
40	12,5	11,1	11,4	11,1	10,9	10,4	9,8	10,0	9,9	10,0
50	12,2	10,9	11,3	11,1	10,9	10,5	9,8	9,9	10,5	9,9

Salinidad (psu)										
Cruceros	16-dic-08	6-mar-09	31-mar-09	19-abr-09	24-may-09	19-jun-09	8-sep-09	7-oct-09	11-nov-09	5-dic-09
Prof (m)										
0	30,4	24,5	20,2	25,3	27,0	21,6	27,4	29,9	25,3	21,9
5	30,8	28,8	31,0	30,7	27,9	30,9	28,2	30,6	28,6	29,4
10	31,7	30,1	31,8	32,0	30,1	31,4	30,2	31,2	30,8	30,8
20	32,5	31,7	32,4	32,4	31,7	32,2	31,5	31,8	31,6	31,6
30	32,8	32,7	32,6	32,6	32,1	32,3	31,9	32,0	32,1	31,9
40	32,2	32,8	32,7	32,7	32,5	32,3	32,0	32,2	32,3	32,2
50	32,7	33,0	32,7	32,8	32,5	32,5	32,2	32,4	32,5	32,4

Sigma-t (kg·m ⁻³)										
Cruceros	16-dic-08	6-mar-09	31-mar-09	19-abr-09	24-may-09	19-jun-09	8-sep-09	7-oct-09	11-nov-09	5-dic-09
Prof (m)										
0	22,3	18,3	15,3	19,3	20,7	16,6	21,2	22,8	19,4	16,4
5	22,8	21,6	23,5	23,3	21,4	23,7	21,7	23,5	21,9	22,4
10	23,8	22,7	24,2	24,4	23,1	24,2	23,3	24,0	23,7	23,6
20	24,6	24,1	24,7	24,8	24,3	24,8	24,3	24,5	24,4	24,4
30	24,9	25,0	25,0	25,0	24,6	24,9	24,7	24,8	24,8	24,6
40	24,3	25,3	25,1	25,2	25,0	25,0	24,8	25,0	25,1	25,0
50	24,8	25,4	25,2	25,3	25,1	25,1	25,0	25,2	25,1	25,2

Oxígeno (mg/l)										
Cruceros	7-dic-08	6-mar-09	31-mar-09	19-abr-09	24-may-09	19-jun-09	8-sep-09	7-oct-09	11-nov-09	5-dic-09
Prof (m)										
0	S/I	9,1	8,9	7,6	8,9	9,0	9,6	11,1	12,6	11,0
5	S/I	8,7	7,7	7,2	8,8	8,4	9,6	11,6	12,7	10,9
10	S/I	8,6	7,3	6,4	8,7	7,9	9,5	11,4	12,2	9,7
20	S/I	7,9	6,9	5,8	8,1	7,3	9,4	10,3	11,0	8,7
30	S/I	6,9	6,6	5,5	7,7	7,2	9,4	9,8	10,5	8,3
40	S/I	6,2	6,6	5,4	7,4	7,0	9,3	9,2	10,1	7,9
50	S/I	5,8	6,4	5,2	7,1	6,4	9,2	8,9	6,4	7,7

Anexo 79 (continuaci3n)

Estaci3n A12: Seno Gala

Temperatura (°C)										
Cruceros	17-dic-08	6-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	7-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	15,6	14,5	12,8	13,1	10,0	8,8	9,2	10,8	9,9	13,0
5	15,1	12,9	12,4	12,6	10,8	10,4	9,5	10,1	10,4	11,6
10	14,8	12,6	12,4	12,3	10,9	10,3	9,5	9,9	10,3	10,8
20	14,2	12,2	12,1	11,5	11,0	10,3	9,7	9,8	10,2	10,3
30	12,8	11,5	12,0	11,4	11,0	10,4	9,6	9,8	10,1	10,1
40	12,8	11,4	11,7	11,3	11,0	10,4	9,6	9,8	10,0	10,0
50	13,1	11,2	11,5	11,2	11,0	10,4	9,7	9,8	9,9	10,0

Salinidad (psu)										
Cruceros	17-dic-08	6-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	7-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	28,2	26,5	26,1	25,3	26,7	14,8	23,2	28,6	22,0	26,5
5	30,1	29,9	31,0	28,4	29,5	30,4	28,7	30,3	29,3	28,6
10	30,4	30,5	31,1	29,1	30,4	31,0	30,0	30,8	29,9	30,5
20	30,5	31,4	31,3	32,2	31,9	31,3	31,2	31,5	30,5	31,7
30	31,3	32,5	31,5	32,6	32,2	31,3	31,6	32,1	31,9	32,0
40	31,7	32,7	31,8	32,7	32,4	31,7	31,7	32,2	32,2	32,2
50	31,9	32,9	32,3	32,8	32,5	32,1	31,9	32,4	32,4	32,3

Sigma-t (kg·m ⁻³)										
Cruceros	17-dic-08	6-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	7-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	20,6	19,5	19,6	18,9	20,5	11,4	17,8	21,8	16,9	19,9
5	22,1	22,5	23,4	21,4	22,6	23,3	22,2	23,3	22,5	21,7
10	22,5	23,1	23,5	22,0	23,2	23,8	23,1	23,7	22,9	23,4
20	22,7	23,8	23,8	24,6	24,4	24,1	24,1	24,3	23,5	24,4
30	23,6	24,9	24,0	25,0	24,8	24,2	24,5	24,8	24,7	24,7
40	23,9	25,1	24,3	25,1	24,9	24,5	24,6	25,0	24,9	25,0
50	24,0	25,4	24,8	25,3	25,0	24,8	24,8	25,2	25,2	25,1

Oxígeno (mg/l)										
Cruceros	7-dic-08	6-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	7-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	S/I	9,3	8,2	9,1	8,3	9,5	10,3	11,1	12,2	9,7
5	S/I	8,9	7,7	9,3	8,0	8,3	10,0	12,0	12,4	10,1
10	S/I	8,4	7,5	8,2	7,9	7,8	9,9	11,7	12,5	9,5
20	S/I	7,6	7,7	6,3	7,8	7,4	9,6	10,4	12,1	8,9
30	S/I	6,7	7,7	6,0	7,7	7,3	9,6	9,7	11,2	8,7
40	S/I	6,4	7,4	5,8	7,6	7,3	9,5	9,1	10,7	8,5
50	S/I	6,2	6,7	5,6	7,5	7,1	9,4	8,8	10,2	8,3

Anexo 79 (continuación)

Estación A13: Isla Toto

Temperatura (°C)										
Cruceros	17-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	13,7	14,9	12,6	13,2	10,3	9,9	9,1	10,2	10,2	13,8
5	13,5	14,2	12,2	12,5	10,4	10,1	9,4	10,3	10,3	11,6
10	13,2	13,1	12,1	12,3	10,4	10,1	9,5	9,9	10,3	11,1
20	13,0	11,8	12,0	11,6	10,9	10,2	9,7	9,8	10,3	10,5
30	12,0	11,8	12,0	11,4	10,9	10,1	9,7	9,8	10,0	10,2
40	12,2	11,5	11,9	11,3	10,8	10,1	9,7	9,8	9,9	10,0
50	11,9	*	11,5	11,2	10,9	*	9,8	9,8	9,9	10,0

Salinidad (psu)										
Cruceros	17-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	31,8	18,1	29,4	27,7	24,0	27,4	25,7	27,4	28,6	23,2
5	30,9	24,6	31,1	28,1	29,1	30,7	28,8	28,3	29,9	28,0
10	31,0	29,2	31,2	28,8	29,1	31,1	29,7	30,2	30,1	28,9
20	31,2	31,5	31,4	31,9	31,3	31,2	31,1	30,9	30,4	31,3
30	32,0	32,3	31,5	32,4	32,2	31,2	31,5	31,9	31,3	31,9
40	32,0	32,7	31,5	32,7	32,3	31,3	31,6	32,1	32,2	32,2
50	32,5	*	32,1	32,9	32,4	*	31,9	32,5	32,5	32,3

Sigma-t (kg·m ⁻³)										
Cruceros	17-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	23,1	13,0	22,1	20,7	18,3	21,0	19,8	21,0	21,9	17,1
5	23,1	18,1	23,5	21,2	22,3	23,6	22,2	21,7	23,0	21,2
10	23,3	21,9	23,6	21,8	22,4	23,9	22,9	23,3	23,1	22,1
20	23,5	24,0	23,8	24,4	24,0	24,0	24,0	23,8	23,4	24,1
30	24,3	24,6	24,0	24,8	24,7	24,1	24,4	24,7	24,2	24,6
40	24,2	25,0	24,1	25,1	24,9	24,2	24,6	24,9	25,0	24,9
50	24,7	*	24,7	25,3	25,0	*	24,8	25,3	25,2	25,1

Oxígeno (mg/l)										
Cruceros	7-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	S/I	9,3	7,9	9,2	8,7	8,5	10,8	11,8	11,2	10,7
5	S/I	8,9	7,6	9,2	8,3	8,2	10,5	12,0	12,1	11,1
10	S/I	8,4	7,5	8,3	8,4	7,8	10,4	11,9	12,1	10,7
20	S/I	6,9	7,4	6,1	8,5	7,6	10,1	10,9	12,0	9,5
30	S/I	6,3	7,5	5,8	8,1	7,6	11,1	10,2	11,7	9,2
40	S/I	6,6	7,5	5,6	8,2	7,6	9,4	9,4	10,3	8,8
50	S/I	*	6,8	5,4	8,1	*	8,8	8,9	10,0	8,7

Anexo 79 (continuaci3n)

Estaci3n A14: Seno Miller

Temperatura (°C)										
Cruceros	18-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	13,4	14,2	12,1	13,3	10,1	10,1	8,5	11,0	9,6	14,7
5	13,5	12,4	12,2	12,5	10,4	10,1	9,5	10,1	10,2	11,6
10	13,5	11,7	12,2	12,3	10,7	10,1	9,5	9,8	10,2	11,0
20	13,4	11,5	12,2	11,6	10,9	10,1	9,7	9,8	10,1	10,1
30	13,1	11,6	12,2	11,3	11,0	10,1	9,8	9,8	10,0	10,0
40	12,4	11,4	12,0	11,2	11,0	10,3	9,9	9,9	9,9	10,0
50	12,3	*	11,3	11,2	11,0	10,4	9,9	9,9	9,9	10,0

Salinidad (psu)										
Cruceros	18-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	27,9	24,5	30,0	27,0	27,7	29,9	21,7	27,5	23,9	20,9
5	30,4	30,9	30,7	27,9	28,9	30,7	29,0	29,9	28,9	28,3
10	30,4	31,5	30,9	28,6	29,5	30,8	29,7	30,4	29,2	28,9
20	30,7	32,2	31,1	31,9	31,1	30,9	31,1	31,3	30,1	31,6
30	30,9	32,5	31,2	32,6	32,0	31,0	31,4	31,7	31,6	32,0
40	31,6	32,8	31,3	32,7	32,3	31,2	31,7	32,2	32,2	32,2
50	31,9	*	32,7	32,9	32,4	31,3	32,0	32,3	32,5	32,3

Sigma-t (kg·m ⁻³)										
Cruceros	18-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	20,8	18,0	22,7	20,2	21,2	22,9	16,8	20,9	18,4	15,2
5	22,7	23,3	23,3	21,0	22,1	23,6	22,4	23,0	22,2	21,5
10	22,7	24,0	23,4	21,6	22,6	23,7	22,9	23,4	22,4	22,1
20	23,0	24,6	23,6	24,3	23,8	23,8	24,0	24,2	23,2	24,4
30	23,2	24,9	23,7	25,0	24,6	23,9	24,3	24,5	24,4	24,8
40	23,9	25,2	23,9	25,2	24,8	24,1	24,6	25,0	25,0	25,0
50	24,1	*	25,2	25,3	25,0	24,2	24,9	25,1	25,3	25,1

Oxígeno (mg/l)										
Cruceros	7-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	S/I	8,8	7,6	8,2	8,4	8,3	11,1	11,6	12,3	10,9
5	S/I	8,2	7,3	8,5	8,2	7,9	10,6	12,3	12,1	11,7
10	S/I	7,6	7,5	8,0	8,3	7,7	10,3	12,2	12,1	11,5
20	S/I	6,1	7,7	6,3	8,0	7,7	9,4	10,6	11,5	8,6
30	S/I	6,3	7,7	5,7	7,7	7,6	8,8	9,8	10,7	8,6
40	S/I	6,5	7,4	5,5	7,4	7,5	8,4	9,1	9,6	8,6
50	S/I	*	6,4	5,4	7,4	7,4	8,2	8,7	9,1	8,3

Anexo 79 (continuación)

Estación A15: Isla Manuel

Temperatura (°C)										
Cruceros	18-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	16,0	14,9	13,0	13,4	9,7	9,9	8,7	10,7	9,8	13,2
5	15,9	13,5	13,0	12,8	9,7	10,0	9,3	10,0	10,0	11,4
10	14,7	12,1	13,1	12,4	10,6	10,0	9,4	9,9	10,1	11,1
20	12,9	11,2	12,6	11,6	11,2	10,1	9,5	9,8	10,0	10,0
30	12,6	11,3	12,2	11,3	11,0	10,1	9,6	9,8	9,9	10,0
40	12,3	11,2	11,2	11,2	11,1	10,3	9,8	10,0	9,9	10,0
50	12,5	11,2	11,1	11,1	11,2	10,9	10,0	9,9	9,9	9,9

Salinidad (psu)										
Cruceros	18-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	25,1	14,2	27,9	19,5	22,4	28,9	20,4	23,9	24,6	17,7
5	25,8	28,2	27,9	25,1	22,6	29,5	27,5	28,9	28,2	26,5
10	29,3	31,1	28,6	28,7	28,0	29,6	29,0	29,4	28,8	28,1
20	30,9	32,1	29,8	31,7	30,7	30,0	30,5	30,8	30,2	31,0
30	30,9	32,5	31,1	32,4	31,7	30,2	31,1	31,7	31,6	32,0
40	31,3	32,7	32,0	32,7	32,4	30,7	31,6	32,2	32,3	32,3
50	31,7	32,8	32,7	32,9	32,5	31,4	32,0	32,4	32,5	32,4

Sigma-t (kg·m ⁻³)										
Cruceros	18-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	18,2	10,0	20,9	14,4	17,2	22,2	15,7	18,2	18,9	13,0
5	18,7	21,0	20,9	18,8	17,3	22,7	21,2	22,2	21,7	20,1
10	21,7	23,6	21,5	21,7	21,4	22,8	22,4	22,7	22,1	21,4
20	23,2	24,5	22,6	24,1	23,5	23,1	23,6	23,8	23,3	23,9
30	23,3	24,9	23,7	24,8	24,4	23,4	24,1	24,5	24,4	24,7
40	23,7	25,2	24,6	25,1	24,9	23,7	24,5	24,9	25,0	25,0
50	23,9	25,3	25,2	25,3	25,0	24,2	24,9	25,2	25,2	25,1

Oxígeno (mg/l)										
Cruceros	7-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	S/I	9,5	7,9	8,9	8,9	8,5	12,8	11,3	11,7	11,1
5	S/I	8,6	7,7	8,9	8,8	8,3	11,4	11,9	11,8	11,4
10	S/I	7,8	7,9	8,5	8,5	8,1	11,0	11,9	11,8	11,1
20	S/I	6,3	7,9	5,7	8,1	8,0	10,0	10,9	11,5	9,0
30	S/I	5,9	7,8	5,4	7,3	7,9	9,3	9,6	10,2	7,9
40	S/I	6,2	6,4	5,2	7,2	7,6	8,8	9,0	9,1	8,4
50	S/I	6,2	5,8	5,2	7,2	6,9	8,1	8,4	8,7	8,4

Anexo 79 (continuación)

Estación A16: I.Gama Zañartu-Canal Yacaf

Temperatura (°C)										
Cruceros	19-dic-08	3-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	16,7	15,8	13,2	12,6	9,4	9,4	8,5	10,9	10,0	14,2
5	14,2	13,1	13,2	12,8	10,5	9,9	9,3	10,0	9,9	11,4
10	14,2	12,1	13,3	12,5	10,7	10,0	9,4	9,8	10,0	11,0
20	13,0	11,2	12,7	11,5	11,2	10,3	9,4	9,8	10,0	10,0
30	11,7	10,8	12,2	11,1	11,1	10,4	9,8	9,9	10,0	10,0
40	12,1	10,8	11,5	11,1	11,2	10,6	10,1	10,0	10,0	10,0
50	12,0	10,7	11,0	11,0	11,2	11,0	10,2	10,0	9,9	10,0

Salinidad (psu)										
Cruceros	19-dic-08	3-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	19,8	14,9	25,6	21,4	23,1	23,9	19,4	23,9	24,5	17,2
5	28,2	28,4	25,6	24,2	26,6	27,5	27,5	29,4	25,2	26,8
10	29,6	31,1	27,1	28,3	27,5	28,1	29,2	30,0	27,5	28,5
20	30,1	32,1	29,9	31,8	30,9	29,6	30,2	31,0	30,4	31,6
30	31,2	32,4	30,7	32,4	31,8	30,1	31,3	31,6	32,1	32,0
40	31,1	32,7	31,7	32,7	32,3	30,5	32,0	32,1	32,3	32,1
50	31,9	32,8	32,5	32,9	32,5	31,3	32,3	32,4	32,5	32,3

Sigma-t (kg·m ⁻³)										
Cruceros	19-dic-08	3-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	24,0	10,4	19,1	15,9	17,8	18,4	15,0	18,2	18,7	12,4
5	20,9	21,3	19,1	18,1	20,4	21,1	21,2	22,6	19,4	20,4
10	22,0	23,6	20,3	21,4	21,1	21,6	22,6	23,1	21,2	21,7
20	22,6	24,6	22,6	24,3	23,6	22,8	23,4	24,0	23,4	24,4
30	23,7	24,9	23,4	24,9	24,4	23,2	24,2	24,4	24,8	24,7
40	23,5	25,2	24,3	25,1	24,8	23,5	24,8	24,8	25,1	24,9
50	24,2	25,3	25,0	25,4	25,0	24,2	25,0	25,1	25,2	25,1

Oxígeno (mg/l)										
Cruceros	7-dic-08	3-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	S/I	9,3	7,9	9,3	8,7	8,8	12,5	12,0	11,9	10,1
5	S/I	8,6	8,0	9,0	8,3	8,5	11,9	12,4	11,9	10,5
10	S/I	7,6	8,3	8,1	8,2	8,2	11,5	12,2	11,7	10,4
20	S/I	6,2	7,4	5,5	7,3	7,6	10,6	10,3	11,1	8,2
30	S/I	5,7	7,0	4,9	6,9	7,3	10,0	9,3	9,8	7,4
40	S/I	5,7	6,2	4,9	6,7	7,1	9,2	8,4	8,9	7,2
50	S/I	5,5	5,6	5,0	6,4	6,4	8,5	7,9	8,6	7,2

Anexo 79 (continuaci3n)

Estaci3n A17: Isla Bobadilla-Seno Soto

Temperatura (°C)										
Cruceros	19-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	16,3	15,0	12,0	12,9	8,5	8,2	8,4	10,8	9,5	13,9
5	15,1	13,1	13,6	12,8	10,3	10,0	9,3	10,0	9,9	11,9
10	14,3	12,1	13,5	12,5	10,5	10,1	9,4	9,9	10,0	11,0
20	12,7	11,2	13,2	11,6	11,4	10,1	9,5	9,7	9,9	10,0
30	11,7	11,1	12,3	11,2	11,2	10,1	9,6	9,9	10,0	10,0
40	11,7	11,1	10,9	11,1	11,2	10,7	9,9	10,1	10,0	10,0
50	11,0	11,1	10,9	11,1	11,2	11,2	10,2	10,0	10,0	10,0

Salinidad (psu)										
Cruceros	19-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	13,5	13,7	9,7	20,1	13,2	7,7	18,2	23,6	15,2	15,6
5	28,1	29,8	26,9	23,4	25,0	27,3	28,6	28,9	26,1	23,6
10	29,4	31,1	27,3	29,4	27,1	28,2	29,3	29,2	27,2	28,2
20	30,2	32,0	28,7	31,4	30,4	29,2	30,5	30,6	30,7	31,4
30	31,2	32,6	30,6	32,3	31,8	29,8	30,9	31,7	32,1	31,9
40	31,6	32,7	32,2	32,7	32,3	30,5	31,7	32,2	32,3	32,2
50	31,8	32,8	32,6	32,9	32,6	31,9	32,2	32,4	32,5	32,4

Sigma-t (kg·m ⁻³)										
Cruceros	19-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	9,2	9,6	7,0	14,9	10,1	5,9	14,0	18,0	11,6	11,3
5	20,6	22,4	20,1	17,5	19,1	21,0	22,1	22,2	20,0	17,8
10	21,8	23,6	20,4	22,2	20,9	21,7	22,6	22,5	20,9	21,5
20	22,7	24,5	21,6	24,0	23,2	22,5	23,6	23,7	23,7	24,3
30	23,7	25,0	23,3	24,8	24,3	23,0	24,0	24,5	24,9	24,7
40	24,0	25,2	24,8	25,1	24,8	23,5	24,6	24,9	25,1	25,0
50	24,3	25,3	25,2	25,3	25,1	24,6	25,0	25,1	25,3	25,1

Oxígeno (mg/l)										
Cruceros	7-dic-08	4-mar-09	29-mar-09	18-abr-09	22-may-09	17-jun-09	8-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	S/I	9,5	9,1	9,2	9,6	10,3	13,1	11,5	12,0	9,6
5	S/I	8,6	8,1	9,6	8,7	8,8	12,2	12,8	12,0	10,4
10	S/I	7,6	7,9	8,3	8,4	8,4	11,6	12,4	11,8	11,2
20	S/I	6,2	7,7	5,5	7,5	8,0	10,7	10,7	11,1	9,0
30	S/I	5,7	6,6	4,9	6,3	7,7	10,1	9,3	9,3	7,8
40	S/I	5,9	5,6	4,8	5,8	7,2	9,5	8,3	8,4	7,9
50	S/I	6,0	5,2	4,9	6,0	5,2	8,7	7,8	8,1	7,6

Anexo 79 (continuaci3n)

Estaci3n A18: Punta Cálqueman

Temperatura (°C)										
Cruceros	15-dic-08	6-mar-09	31-mar-09	20-abr-09	25-may-09	19-jun-09	6-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	14,2	13,8	13,5	12,3	9,9	9,5	9,2	10,1	10,0	11,6
5	14,9	13,8	13,0	12,1	10,0	9,8	9,3	9,7	10,1	11,3
10	14,8	13,1	12,3	12,1	10,3	10,0	9,3	9,7	9,8	10,9
20	12,1	12,4	11,8	11,3	10,8	10,0	9,4	9,7	9,8	10,4
30	11,5	11,6	11,5	10,9	10,8	10,1	9,4	9,7	9,8	9,9
40	12,1	11,3	11,2	10,9	10,8	10,2	9,5	9,7	9,8	9,9
50	12,3	10,9	11,1	10,8	10,8	10,2	9,6	9,7	9,8	9,8
75	*	10,4	10,8	10,7	10,9	10,7	9,8	9,8	9,7	9,7
100	*	10,1	10,1	9,8	10,3	10,2	9,8	9,7	9,6	9,6

Salinidad (psu)										
Cruceros	15-dic-08	6-mar-09	31-mar-09	20-abr-09	25-may-09	19-jun-09	6-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	30,1	28,2	27,8	27,0	28,2	30,0	29,1	29,8	27,7	27,9
5	30,1	28,2	29,6	27,4	28,3	31,0	29,7	30,2	27,8	28,2
10	30,9	28,9	30,5	28,0	28,8	31,2	29,7	30,5	30,8	28,8
20	32,2	30,1	31,2	31,5	30,5	31,3	30,0	30,9	31,4	29,9
30	32,6	32,1	31,7	32,1	31,0	31,4	30,4	31,1	31,7	31,2
40	32,2	32,5	31,9	32,5	32,0	31,5	31,1	31,3	32,1	31,9
50	32,4	32,7	32,3	32,7	32,4	31,7	31,8	31,8	32,5	32,3
75	*	33,1	33,0	33,1	32,9	32,7	32,6	32,8	33,0	32,7
100	*	33,3	33,4	33,6	33,4	33,4	32,8	33,4	33,4	33,2

Sigma-t (kg·m ⁻³)										
Cruceros	15-dic-08	6-mar-09	31-mar-09	20-abr-09	25-may-09	19-jun-09	6-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	22,4	21,0	20,7	20,4	21,7	23,1	22,5	22,9	21,2	21,2
5	22,2	21,0	22,3	20,7	21,7	23,9	22,9	23,3	21,3	21,5
10	22,9	21,7	23,1	21,2	22,1	24,0	23,0	23,5	23,7	22,0
20	24,4	22,8	23,7	24,1	23,4	24,1	23,3	23,9	24,3	23,0
30	24,8	24,6	24,3	24,7	23,8	24,2	23,6	24,1	24,6	24,1
40	24,4	24,9	24,5	25,0	24,7	24,4	24,2	24,3	24,9	24,7
50	42,5	25,2	24,9	25,3	25,0	24,6	24,7	24,8	25,3	25,1
75	*	25,8	25,6	25,7	25,5	25,4	25,4	25,6	25,8	25,5
100	*	26,0	26,2	26,3	26,1	26,1	25,7	26,2	26,2	26,1

Oxígeno (mg/l)										
Cruceros	15-dic-08	6-mar-09	31-mar-09	20-abr-09	25-may-09	19-jun-09	6-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	S/l	12,7	9,8	7,3	8,9	7,9	8,7	11,0	12,2	9,6
5	S/l	12,7	9,8	7,0	8,8	7,6	8,6	11,0	12,8	9,8
10	S/l	12,6	9,2	7,0	8,8	7,6	8,7	10,9	12,8	9,8
20	S/l	10,2	8,0	5,5	8,6	7,3	8,8	10,5	11,3	9,7
30	S/l	7,4	7,5	4,6	7,9	7,4	8,9	10,1	10,6	8,6
40	S/l	6,5	7,2	4,3	6,9	7,2	8,8	9,7	10,3	7,9
50	S/l	6,1	6,6	4,2	6,6	7,2	8,6	9,2	9,8	7,7
75	*	5,1	6,1	4,2	6,4	6,2	7,9	8,1	9,3	7,3
100	*	4,7	5,5	3,8	5,4	5,5	7,5	7,0	8,5	6,4

Anexo 79 (continuación)

Estación A19: Seno Magdalena

Temperatura (°C)										
Cruceros	19-dic-08	3-mar-09	27-mar-09	18-abr-09	21-may-09	15-jun-09	9-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	16,4	16,5	14,4	11,3	8,5	9,0	7,6	10,6	10,1	15,1
5	16,0	13,9	13,6	12,9	9,8	9,8	9,1	10,2	10,1	11,3
10	14,4	13,1	13,1	12,7	10,4	10,2	9,2	9,7	10,1	10,5
20	12,9	11,7	12,2	12,0	11,6	10,9	9,2	9,5	9,8	10,0
30	12,1	11,2	11,1	11,3	11,5	11,0	9,3	9,6	9,9	9,9
40	11,3	10,2	10,3	10,7	11,2	10,8	9,6	10,2	10,2	10,0
50	11,2	10,0	10,2	10,3	10,9	10,7	10,1	10,4	10,2	10,3

Salinidad (psu)										
Cruceros	19-dic-08	3-mar-09	27-mar-09	18-abr-09	21-may-09	15-jun-09	9-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	15,5	11,4	14,9	9,1	11,2	22,7	11,8	15,2	16,5	8,9
5	24,2	28,1	27,8	26,2	15,6	26,2	26,5	26,5	17,2	15,8
10	28,9	30,2	28,8	28,9	23,9	28,1	29,0	29,3	26,8	27,0
20	29,9	31,6	31,0	30,7	28,8	30,2	30,1	30,2	30,9	30,3
30	30,1	31,8	31,9	31,8	30,5	31,5	30,5	31,1	31,8	31,5
40	31,5	32,2	32,3	32,2	31,3	32,2	31,3	32,0	32,1	32,0
50	31,6	32,6	32,5	32,6	32,1	32,4	31,9	32,5	32,6	32,4

Sigma-t (kg·m ⁻³)										
Cruceros	19-dic-08	3-mar-09	27-mar-09	18-abr-09	21-may-09	15-jun-09	9-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	10,7	7,6	10,6	6,7	8,6	17,5	9,1	11,5	12,6	5,9
5	17,5	20,9	20,8	19,6	11,9	20,2	20,5	20,3	13,1	11,9
10	21,4	22,7	21,6	21,8	18,3	21,6	22,5	22,6	20,6	20,7
20	22,5	24,1	23,6	23,3	22,0	23,2	23,4	23,4	23,9	23,4
30	22,8	24,4	24,5	24,3	23,3	24,2	23,7	24,1	24,6	24,4
40	24,0	24,9	25,0	24,9	24,0	24,8	24,3	24,8	24,8	24,8
50	24,1	25,3	25,2	25,2	24,8	25,0	24,7	25,2	25,3	25,1

Oxígeno (mg/l)										
Cruceros	7-dic-08	3-mar-09	27-mar-09	18-abr-09	21-may-09	15-jun-09	9-sep-09	8-oct-09	13-nov-09	5-dic-09
Prof (m)										
0	S/I	9,2	8,5	9,5	10,0	9,7	14,8	11,6	12,4	10,0
5	S/I	8,6	8,4	9,0	9,5	9,3	13,1	12,0	12,6	10,6
10	S/I	8,3	8,0	7,5	8,9	8,4	12,0	11,8	11,8	10,8
20	S/I	6,9	5,8	5,9	7,8	7,1	11,0	9,9	10,7	9,0
30	S/I	6,0	5,5	5,0	6,9	6,1	10,8	9,5	9,5	8,2
40	S/I	5,4	4,7	4,6	6,5	5,0	10,2	8,7	8,8	7,4
50	S/I	4,7	4,5	4,0	5,5	4,6	9,3	7,4	7,7	6,4

Anexo 79 (continuación)

Estación A20: Faro Marta-Canal Puyuhuapi

Temperatura (°C)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	21-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	17,3	15,0	14,4	11,9	9,5	7,8	7,9	10,5	9,8	12,5
5	16,6	14,8	13,9	12,4	9,9	8,4	8,9	10,0	10,1	11,6
10	14,9	13,4	12,6	12,3	10,6	9,7	9,2	9,7	10,2	10,9
20	13,6	12,2	12,2	11,7	10,9	10,2	9,3	9,7	9,8	9,9
30	12,9	11,4	11,3	11,1	11,0	10,6	9,3	9,7	9,8	9,9
40	12,1	10,8	10,8	10,7	11,0	10,7	9,5	9,8	9,9	9,9
50	12,0	10,2	10,2	10,3	10,7	10,6	9,7	10,1	10,1	9,9

Salinidad (psu)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	21-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	18,3	17,8	15,2	11,4	16,8	18,9	12,1	21,7	10,8	17,2
5	23,3	21,0	24,5	22,3	20,3	21,3	22,8	27,2	17,7	22,1
10	27,3	29,9	29,5	28,2	26,4	28,5	29,3	28,9	27,1	26,6
20	30,1	31,3	30,5	30,7	29,4	30,0	30,3	30,8	30,9	30,9
30	30,9	31,9	31,9	31,8	30,2	31,5	30,5	31,5	31,7	31,8
40	31,0	32,2	32,2	32,3	31,4	32,2	31,3	31,8	32,0	32,0
50	31,2	32,5	32,6	32,5	32,1	32,5	31,7	32,3	32,4	32,3

Sigma-t (kg·m ⁻³)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	21-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	12,7	12,8	10,9	8,3	12,8	14,7	9,4	16,5	8,2	12,7
5	16,7	15,3	18,1	16,7	15,5	16,5	17,6	20,9	13,5	16,6
10	20,1	22,4	22,3	21,3	20,2	21,9	22,6	22,2	20,8	20,3
20	22,5	23,7	23,1	23,4	22,5	23,1	23,5	23,8	23,8	23,8
30	23,2	24,4	24,4	24,4	23,2	24,3	23,7	24,4	24,5	24,6
40	23,5	24,8	24,8	24,9	24,1	24,8	24,3	24,7	24,8	24,8
50	23,6	25,2	25,3	25,1	24,8	25,1	24,6	25,1	25,1	25,1

Oxígeno (mg/l)										
Cruceros	7-dic-08	2-mar-09	26-mar-09	17-abr-09	21-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	S/I	9,1	9,5	10,5	9,1	10,0	14,1	12,4	12,9	10,0
5	S/I	8,8	9,3	10,1	9,0	9,9	13,0	12,6	12,4	10,2
10	S/I	8,3	8,7	9,1	8,4	8,9	12,6	12,0	12,0	10,4
20	S/I	7,1	7,0	7,0	8,3	7,6	11,6	10,7	11,0	9,8
30	S/I	6,5	6,1	5,7	8,0	6,6	11,1	9,7	10,1	8,4
40	S/I	5,8	5,4	5,1	7,0	5,8	10,6	8,9	9,3	7,6
50	S/I	4,8	4,8	4,5	6,2	5,1	10,0	8,3	8,7	7,2

Anexo 79 (continuación)

Estación A21: Puerto Amparo

Temperatura (°C)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	21-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	16,4	15,5	13,7	12,3	9,8	9,6	8,1	10,6	9,7	13,9
5	14,2	13,3	13,3	12,3	10,2	10,0	9,1	10,0	10,0	10,7
10	13,7	12,4	12,9	12,0	10,6	10,0	9,3	9,9	10,0	10,2
20	13,4	11,9	12,5	11,8	10,9	10,1	9,3	9,7	9,9	9,9
30	12,9	11,2	10,9	11,0	11,0	10,2	9,3	9,6	9,8	9,8
40	12,3	10,7	10,6	10,7	10,8	10,4	9,4	9,7	9,8	9,8
50	12,2	10,5	10,4	10,5	10,7	10,6	9,7	9,8	9,8	9,8

Salinidad (psu)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	21-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	22,0	25,3	24,5	22,9	24,0	28,5	15,8	21,9	12,9	21,8
5	28,7	29,6	27,6	26,5	26,3	29,4	25,7	29,3	26,0	29,1
10	29,5	31,1	29,2	28,8	27,8	29,5	29,4	29,9	27,8	30,2
20	29,9	31,7	29,9	30,4	29,5	29,9	30,3	30,6	29,6	31,2
30	30,0	32,2	32,2	31,8	30,5	30,5	30,7	31,0	31,5	31,8
40	30,3	32,4	32,6	32,4	31,7	30,9	31,1	31,4	31,9	32,3
50	30,8	32,7	32,9	32,7	32,5	31,6	32,1	32,2	32,4	32,5

Sigma-t (kg·m ⁻³)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	21-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	15,7	18,4	18,1	17,1	18,4	21,9	12,2	16,7	9,8	16,0
5	21,3	22,2	20,7	20,0	20,1	22,6	19,9	22,5	20,0	22,3
10	22,0	23,6	22,0	21,8	21,3	22,7	22,8	23,1	21,4	23,2
20	22,3	24,1	22,6	23,1	22,6	23,0	23,5	23,7	22,8	24,1
30	22,5	24,7	24,8	24,4	23,4	23,5	23,9	24,0	24,4	24,6
40	22,9	25,0	25,2	25,0	24,4	23,8	24,2	24,4	24,8	25,0
50	23,3	25,3	25,5	25,3	25,1	24,4	25,0	25,0	25,2	25,3

Oxígeno (mg/l)										
Cruceros	7-dic-08	2-mar-09	26-mar-09	17-abr-09	21-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	S/I	9,4	9,1	10,2	8,8	8,4	13,8	11,0	12,7	10,7
5	S/I	9,5	9,6	10,1	8,6	7,9	13,3	11,2	11,8	11,4
10	S/I	8,0	8,8	9,4	8,5	7,7	12,7	11,1	11,9	11,3
20	S/I	6,9	8,3	7,2	8,3	7,5	11,9	10,8	11,7	9,1
30	S/I	6,3	6,3	6,4	7,9	7,3	11,2	10,0	10,8	8,4
40	S/I	5,5	5,4	5,6	7,1	6,8	10,8	9,5	10,0	8,0
50	S/I	4,8	4,9	5,0	6,2	6,3	10,1	8,7	9,4	7,7

Anexo 79 (continuación)

Estación A22: Isla San Andrés

Temperatura (°C)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	16,7	14,6	14,0	12,5	9,0	9,3	8,5	10,6	9,8	12,3
5	14,2	13,4	13,3	12,1	10,1	9,8	8,9	10,0	9,8	10,7
10	13,8	12,9	12,9	11,9	10,7	9,9	9,1	9,8	10,0	10,3
20	13,5	11,9	11,7	11,7	10,9	10,0	9,3	9,6	9,8	10,0
30	12,9	11,5	10,8	11,0	11,0	10,1	9,4	9,6	9,8	9,9
40	12,2	10,8	10,6	10,8	10,9	10,5	9,5	9,7	9,8	9,8
50	12,5	10,6	10,3	10,7	10,7	10,7	9,7	9,8	9,8	9,8

Salinidad (psu)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	19,2	27,2	26,4	21,2	13,2	28,8	19,0	19,6	17,0	24,8
5	29,2	29,6	28,7	26,7	22,8	29,4	26,3	26,7	18,0	28,1
10	30,2	30,3	29,3	29,6	28,8	29,6	28,9	29,1	25,9	29,7
20	30,2	31,5	31,0	30,6	29,4	29,7	30,3	30,5	31,0	31,1
30	30,5	31,9	32,3	31,8	30,5	30,0	30,9	31,0	31,5	31,4
40	31,1	32,4	32,6	32,3	31,5	31,8	31,4	31,6	32,0	32,1
50	31,5	32,6	32,7	32,6	32,1	32,3	32,0	32,3	32,3	32,5

Sigma-t (kg·m ⁻³)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	13,5	20,1	19,5	15,8	10,1	22,2	14,7	14,9	13,0	18,6
5	21,7	22,2	21,5	20,1	17,5	22,6	20,3	20,5	13,7	21,5
10	22,5	22,8	22,1	22,5	22,0	22,8	22,3	22,4	19,9	22,9
20	22,6	24,0	23,6	23,3	22,5	22,9	23,5	23,6	24,0	24,0
30	22,9	24,4	24,8	24,5	23,4	23,1	24,0	24,0	24,4	24,3
40	23,5	24,9	25,1	24,9	24,3	24,5	24,4	24,6	24,8	24,9
50	23,8	25,2	25,4	25,2	24,8	24,9	24,9	25,1	25,1	25,3

Oxígeno (mg/l)										
Cruceros	7-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	15-jun-09	9-sep-09	9-oct-09	14-nov-09	6-dic-09
Prof (m)										
0	S/I	9,3	9,7	9,7	9,3	8,6	15,0	11,1	12,6	10,5
5	S/I	9,3	9,8	9,8	8,7	8,3	14,3	11,4	12,5	11,1
10	S/I	9,1	9,0	8,4	8,2	8,1	13,3	11,6	12,0	10,4
20	S/I	7,1	8,1	7,1	8,0	7,7	12,0	10,7	11,2	8,8
30	S/I	6,0	6,1	6,5	7,5	7,5	11,4	9,9	10,3	8,3
40	S/I	5,7	5,6	5,7	6,5	6,6	10,8	9,4	9,6	7,9
50	S/I	5,0	5,1	5,4	5,6	6,0	10,0	8,6	9,1	7,9

Anexo 79 (continuaci3n)

Estaci3n A23: Isla Orestes

Temperatura (°C)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	6-dic-09
Prof (m)										
0	14,3	14,3	13,9	12,2	10,0	9,3	8,6	10,0	9,9	13,1
5	14,1	13,3	13,4	12,1	10,2	9,4	9,0	9,9	10,0	12,5
10	13,9	12,3	12,9	12,0	10,5	9,6	9,1	9,9	10,0	10,6
20	12,7	12,0	11,9	11,4	10,8	10,3	9,3	9,8	9,9	10,2
30	12,5	11,4	11,3	11,0	11,0	10,5	9,4	9,6	9,8	9,9
40	12,5	11,0	10,8	10,8	10,9	10,7	9,5	9,6	9,8	9,9
50	12,3	10,4	10,6	10,6	10,7	10,6	9,8	9,7	9,8	9,8

Salinidad (psu)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	6-dic-09
Prof (m)										
0	27,4	25,8	25,0	23,4	24,6	27,4	24,4	28,2	21,7	26,4
5	27,9	27,3	27,0	25,8	25,1	27,4	27,7	28,5	24,1	26,8
10	28,2	30,2	28,7	27,8	27,1	27,5	29,3	28,6	27,7	28,7
20	30,2	31,2	30,5	30,8	28,7	29,8	30,4	29,1	29,1	30,1
30	30,3	31,9	31,6	31,8	30,8	31,2	31,1	30,5	31,5	31,1
40	30,3	32,2	32,4	32,2	31,6	32,1	31,4	30,9	32,3	31,8
50	30,4	32,7	32,6	32,5	32,1	32,6	32,2	31,9	32,5	32,4

Sigma-t (kg·m ⁻³)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	6-dic-09
Prof (m)										
0	20,3	19,0	18,5	17,6	18,8	21,1	18,9	21,6	16,6	19,7
5	20,7	20,4	20,1	19,4	19,2	21,1	21,4	21,9	18,5	20,1
10	21,0	22,9	21,6	21,0	20,7	21,2	22,7	22,0	21,3	22,0
20	22,7	23,7	23,2	23,6	22,0	22,9	23,6	22,5	22,5	23,2
30	22,9	24,4	24,2	24,5	23,6	24,1	24,1	23,6	24,4	24,1
40	22,9	24,8	24,9	24,8	24,3	24,8	24,4	24,0	25,1	24,6
50	23,0	25,3	25,2	25,1	24,8	25,2	25,1	24,8	25,3	25,2

Oxígeno (mg/l)										
Cruceros	7-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	6-dic-09
Prof (m)										
0	S/I	10,0	8,8	8,1	8,4	8,6	12,6	10,4	12,1	10,7
5	S/I	10,7	9,2	10,6	8,4	8,7	12,5	11,2	11,8	10,8
10	S/I	9,6	8,8	10,4	8,4	8,6	12,1	11,2	11,9	12,0
20	S/I	6,6	7,0	9,4	8,2	7,6	10,9	10,9	11,9	10,2
30	S/I	6,0	5,9	5,6	7,2	6,7	10,4	10,5	10,7	9,0
40	S/I	5,3	5,2	5,6	6,4	5,6	9,9	9,7	9,1	7,9
50	S/I	4,8	4,8	5,3	5,8	5,5	9,2	8,9	8,5	7,4

Anexo 79 (continuación)

Estación A24: Cinco Hermanas

Temperatura (°C)										
Cruceros	22-dic-08	26-feb-09	2-abr-09	22-abr-09	26-may-09	22-jun-09	14-sep-09	12-oct-09	17-nov-09	10-dic-09
Prof (m)										
0	12,2	15,3	11,3	11,6	9,1	8,9	8,1	9,8	9,4	12,6
5	11,9	12,7	12,0	11,8	9,9	9,0	9,2	9,6	9,6	10,8
10	11,8	12,3	12,0	11,9	10,7	10,4	9,2	9,6	9,6	10,0
20	11,3	12,2	12,0	11,6	11,1	10,9	9,3	9,5	9,6	9,8
30	11,2	12,0	11,8	11,4	11,5	11,1	9,4	9,5	9,7	9,8
40	11,0	11,2	*	11,6	11,4	11,2	9,7	9,6	9,7	9,9
50	11,2	10,7	*	11,6	11,2	11,0	10,0	9,8	9,8	10,0

Salinidad (psu)										
Cruceros	22-dic-08	26-feb-09	2-abr-09	22-abr-09	26-may-09	22-jun-09	14-sep-09	12-oct-09	17-nov-09	10-dic-09
Prof (m)										
0	22,8	3,4	17,3	22,2	17,3	24,2	7,3	25,9	12,6	12,2
5	26,0	24,2	25,0	25,9	22,5	24,4	26,3	26,1	25,9	24,1
10	27,9	27,6	28,6	28,2	25,8	27,6	28,0	26,5	27,6	27,8
20	29,1	28,7	29,1	29,4	27,6	29,1	28,6	28,7	28,9	28,8
30	29,4	29,3	29,4	30,5	29,0	29,7	29,2	29,1	29,3	29,4
40	30,3	30,0	*	30,8	30,0	30,2	29,8	29,7	29,6	29,9
50	29,9	30,7	*	31,0	30,5	30,7	30,2	30,0	29,8	30,4

Sigma-t (kg·m ⁻³)										
Cruceros	22-dic-08	26-feb-09	2-abr-09	22-abr-09	26-may-09	22-jun-09	14-sep-09	12-oct-09	17-nov-09	10-dic-09
Prof (m)										
0	17,1	1,6	13,0	16,7	13,3	18,7	5,6	19,9	9,6	8,9
5	19,6	18,1	18,9	19,6	17,2	18,9	20,3	20,1	19,9	18,3
10	21,1	20,8	21,7	21,4	19,8	21,2	21,7	20,4	21,3	21,4
20	22,1	21,7	22,1	22,4	21,1	22,3	22,2	22,2	22,3	22,3
30	22,4	22,3	22,4	23,3	22,2	22,8	22,7	22,6	22,7	22,7
40	23,1	23,0	*	23,6	23,0	23,2	23,1	23,1	22,9	23,1
50	22,8	23,7	*	23,8	23,5	23,7	23,4	23,3	23,1	23,6

Oxígeno (mg/l)										
Cruceros	7-dic-08	26-feb-09	2-abr-09	22-abr-09	26-may-09	22-jun-09	14-sep-09	12-oct-09	17-nov-09	10-dic-09
Prof (m)										
0	S/I	10,5	8,9	5,9	9,9	7,1	14,5	11,1	13,1	9,8
5	S/I	9,0	8,3	5,8	9,3	11,0	11,7	11,4	12,0	9,9
10	S/I	8,2	7,1	5,0	8,5	11,4	11,4	11,7	12,1	10,2
20	S/I	7,6	7,0	4,3	7,9	5,7	10,7	11,0	11,3	8,3
30	S/I	7,2	6,5	3,8	7,3	6,0	10,3	9,5	10,3	7,7
40	S/I	6,4	*	3,8	6,3	4,8	9,8	9,1	9,9	7,0
50	S/I	5,8	*	3,8	5,8	4,5	9,3	8,6	9,5	6,6

Anexo 79 (continuación)

Estación A25: Isla Elena

Temperatura (°C)										
Cruceros	29-dic-08	26-feb-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	13,0	14,4	13,5	11,9	10,8	10,6	8,2	9,5	10,0	12,7
5	12,4	12,6	12,6	11,8	10,9	10,7	9,2	9,5	9,7	11,3
10	12,2	12,2	12,2	11,7	10,9	10,7	9,3	9,5	9,8	10,2
20	11,8	12,0	12,3	11,8	10,9	10,9	9,3	9,5	9,7	9,9
30	11,7	12,0	11,8	11,8	11,6	11,2	9,4	9,5	9,6	9,8
40	11,9	11,3	11,7	11,9	11,6	11,2	9,5	9,5	9,6	9,8
50	11,9	11,6	11,7	11,9	11,5	11,0	9,6	9,6	9,6	9,8

Salinidad (psu)										
Cruceros	29-dic-08	26-feb-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	22,8	18,1	18,4	21,0	25,7	28,2	14,7	27,4	21,0	20,6
5	27,0	24,4	26,3	25,4	26,5	28,6	27,2	27,4	25,4	26,3
10	27,9	27,2	27,6	27,5	26,8	28,7	28,1	27,4	27,4	28,4
20	28,8	28,8	28,5	28,8	27,2	29,3	28,6	29,3	28,9	29,1
30	29,3	29,3	29,9	29,7	28,9	30,4	29,2	29,6	29,6	29,8
40	29,5	30,0	30,6	30,2	30,0	30,8	29,7	29,9	29,8	30,3
50	29,5	30,4	30,8	30,6	30,6	31,1	30,0	30,3	30,0	30,7

Sigma-t (kg·m ⁻³)										
Cruceros	29-dic-08	26-feb-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	17,0	13,1	13,5	15,8	19,6	21,6	11,4	21,1	16,1	15,3
5	20,3	18,3	19,8	19,2	20,2	21,8	21,0	21,1	19,6	19,9
10	21,1	20,5	20,8	20,9	20,5	22,0	21,8	21,2	21,1	21,8
20	21,8	21,9	21,6	21,9	20,8	22,4	22,1	22,7	22,3	22,5
30	22,2	22,3	22,8	22,7	22,0	23,3	22,6	23,0	22,9	23,1
40	22,3	23,0	23,4	23,1	22,9	23,6	23,1	23,3	23,1	23,5
50	22,3	23,3	23,6	23,4	23,5	24,0	23,3	23,6	23,4	23,9

Oxígeno (mg/l)										
Cruceros	7-dic-08	26-feb-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	S/I	9,6	10,8	9,0	7,8	7,4	12,8	10,2	11,8	10,5
5	S/I	9,3	10,2	8,8	7,7	7,4	11,6	10,6	12,0	10,9
10	S/I	8,6	9,2	8,0	7,7	7,2	11,1	10,8	12,1	11,4
20	S/I	7,8	8,3	7,3	7,9	6,9	10,8	10,6	11,4	9,0
30	S/I	7,4	7,0	6,9	7,5	6,2	10,4	9,3	10,6	8,4
40	S/I	6,9	6,4	6,8	6,9	6,2	10,1	9,1	10,1	7,9
50	S/I	6,5	6,4	6,8	6,7	6,0	9,8	9,0	9,7	7,6

Anexo 79 (continuación)

Estación A26: Isla Canquenes

Temperatura (°C)										
Cruceros	28-dic-08	28-feb-09	24-mar-09	15-abr-09	17-may-09	11-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	12,3	12,6	12,6	12,3	10,9	10,6	9,1	9,8	9,9	10,9
5	12,4	12,5	12,5	12,3	11,1	10,6	9,2	9,6	9,8	10,7
10	12,3	12,5	12,5	12,4	11,0	10,8	9,2	9,6	9,8	10,6
20	12,3	12,5	12,5	12,5	11,3	10,8	9,3	9,6	9,8	10,6
30	12,3	12,5	12,5	12,6	11,9	10,8	9,2	9,6	9,8	10,4
40	12,3	12,5	12,5	12,6	12,0	10,9	9,2	9,6	9,8	10,4
50	12,4	12,5	12,5	12,7	12,0	10,9	9,2	9,6	9,8	10,3

Salinidad (psu)										
Cruceros	28-dic-08	28-feb-09	24-mar-09	15-abr-09	17-may-09	11-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	30,0	29,5	29,5	28,4	27,3	29,0	27,3	28,9	29,2	29,7
5	30,3	30,4	30,4	28,7	27,7	29,2	28,4	29,2	29,2	29,7
10	30,4	30,5	30,5	29,3	27,9	30,0	28,5	29,5	29,4	29,8
20	30,5	30,6	30,6	30,1	28,7	30,4	29,2	29,6	29,7	29,9
30	30,6	30,7	30,7	30,9	30,7	30,6	29,9	29,6	30,0	30,2
40	30,8	30,7	30,7	31,2	31,2	30,8	30,1	30,2	30,3	30,4
50	31,1	30,8	30,8	31,5	31,3	31,0	30,3	30,4	30,5	30,6

Sigma-t (kg·m ⁻³)										
Cruceros	28-dic-08	28-feb-09	24-mar-09	15-abr-09	17-may-09	11-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	22,7	22,2	22,2	21,4	20,8	22,2	21,1	22,3	22,4	22,7
5	22,9	22,9	22,9	21,7	21,1	22,4	22,0	22,5	22,5	22,7
10	23,0	23,0	23,0	22,2	21,3	22,9	22,0	22,8	22,7	22,9
20	23,0	23,2	23,2	22,8	21,9	23,3	22,6	22,9	22,9	23,0
30	23,1	23,3	23,3	23,4	23,4	23,5	23,2	23,0	23,2	23,3
40	23,3	23,4	23,4	23,7	23,8	23,7	23,4	23,4	23,5	23,5
50	23,5	23,5	23,5	23,9	24,0	23,9	23,7	23,7	23,7	23,7

Oxígeno (mg/l)										
Cruceros	7-dic-08	28-feb-09	24-mar-09	15-abr-09	17-may-09	11-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	S/I	7,2	7,2	7,6	7,2	8,0	10,7	9,9	10,9	10,3
5	S/I	6,9	6,9	7,6	7,1	7,9	10,7	9,9	10,9	10,0
10	S/I	6,8	6,8	7,7	7,2	7,8	10,6	9,8	10,9	9,9
20	S/I	6,7	6,7	7,9	7,4	7,5	10,5	9,7	10,7	9,6
30	S/I	6,7	6,7	8,0	7,2	7,4	10,4	9,6	10,5	9,2
40	S/I	6,7	6,7	8,0	7,2	7,4	10,3	9,5	10,3	8,9
50	S/I	6,6	6,6	8,0	7,2	7,5	10,2	9,4	10,3	8,7

Anexo 79 (continuación)

Estación A27: Estero Quitralco

Temperatura (°C)										
Cruceros	29-dic-08	1-mar-09	24-mar-09	16-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	12,6	12,6	13,2	11,7	10,0	10,6	9,0	9,6	9,6	12,4
5	12,6	12,1	12,4	11,7	10,1	10,6	9,2	9,6	9,6	11,8
10	12,5	12,1	12,2	11,6	10,4	10,7	9,2	9,5	9,6	10,6
20	12,1	12,0	12,0	11,6	11,4	10,7	9,2	9,5	9,6	10,2
30	11,9	11,9	11,9	11,6	11,4	10,7	9,3	9,5	9,6	10,0
40	12,0	11,7	11,9	11,6	11,4	10,8	9,4	9,5	9,6	9,9
50	12,4	11,5	11,8	11,5	11,5	10,8	9,5	9,6	9,6	9,9

Salinidad (psu)										
Cruceros	29-dic-08	1-mar-09	24-mar-09	16-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	24,6	24,9	22,0	21,6	23,7	27,7	24,8	26,6	24,5	25,8
5	28,1	26,6	26,4	23,0	24,2	27,7	27,4	26,7	25,6	26,4
10	28,3	26,7	26,9	27,1	24,8	27,8	27,8	27,2	26,3	27,9
20	28,6	27,4	27,5	27,6	27,2	28,2	28,0	27,9	27,2	28,5
30	28,9	27,9	27,9	28,1	29,0	28,5	28,2	28,5	28,8	28,8
40	29,0	28,9	28,3	28,9	29,4	28,9	28,8	28,8	29,6	29,1
50	29,2	29,6	28,7	29,4	29,8	29,1	29,3	29,2	29,8	29,4

Sigma-t (kg·m ⁻³)										
Cruceros	29-dic-08	1-mar-09	24-mar-09	16-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	18,2	18,7	16,3	16,2	18,2	21,2	19,2	20,4	18,8	19,4
5	21,1	20,1	19,8	17,3	18,5	21,2	21,1	20,6	19,7	20,0
10	21,3	20,2	20,3	20,6	19,0	21,3	21,5	21,0	20,3	21,4
20	21,6	20,8	20,9	21,0	20,7	21,7	21,7	21,6	21,0	21,9
30	21,9	21,2	21,2	21,4	22,2	21,9	21,9	22,1	22,3	22,3
40	21,9	22,1	21,6	22,1	22,5	22,3	22,4	22,4	23,0	22,5
50	22,0	22,7	21,9	22,5	22,9	22,5	22,8	22,8	23,2	22,8

Oxígeno (mg/l)										
Cruceros	7-dic-08	1-mar-09	24-mar-09	16-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	S/I	8,3	10,2	9,1	8,0	7,5	10,8	10,6	11,3	10,1
5	S/I	7,3	9,6	9,3	7,9	7,3	10,5	10,7	10,9	10,4
10	S/I	7,2	8,6	8,7	7,7	7,3	10,8	10,6	11,1	10,4
20	S/I	7,1	7,5	7,7	7,2	6,7	10,3	10,3	10,8	9,1
30	S/I	6,8	7,3	7,5	6,5	6,6	10,1	9,8	10,4	8,7
40	S/I	6,5	7,1	7,0	6,2	6,4	10,0	9,4	9,9	8,3
50	S/I	6,2	6,9	6,6	6,2	6,2	9,8	9,1	9,5	8,0

Anexo 79 (continuaci3n)

Estaci3n A28: Punta Lynch

Temperatura (°C)										
Cruceros	29-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	12-jun-09	13-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	11,9	12,2	11,9	11,7	10,1	10,5	9,2	9,5	9,6	12,0
5	12,5	12,0	11,8	11,6	10,5	10,7	9,2	9,5	9,6	10,6
10	12,1	12,0	11,7	11,6	10,8	10,7	9,2	9,5	9,6	10,5
20	11,9	11,8	11,7	11,6	11,4	11,0	9,3	9,5	9,6	10,3
30	11,7	11,7	11,7	11,6	11,5	11,1	9,4	9,5	9,6	10,2
40	11,7	11,6	11,6	11,8	11,5	11,0	9,4	9,5	9,6	10,2
50	11,2	11,6	11,6	11,8	11,5	11,1	9,4	9,6	9,6	10,1
75	*	11,4	11,4	11,7	11,5	11,2	9,5	9,6	9,6	9,9
100	*	11,3	11,3	11,7	11,5	*	9,5	9,6	9,6	9,7

Salinidad (psu)										
Cruceros	29-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	12-jun-09	13-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	28,7	26,8	28,2	20,9	24,7	27,9	26,8	27,3	28,1	25,3
5	28,7	27,3	29,1	26,1	25,3	28,6	26,9	27,4	28,4	28,0
10	29,4	27,6	29,3	27,0	26,2	28,7	27,2	28,4	28,9	28,1
20	29,9	28,2	29,5	27,7	29,4	30,7	28,0	29,9	29,4	28,4
30	30,0	29,1	29,9	29,1	30,8	31,2	29,0	30,7	29,5	28,6
40	30,1	30,9	30,4	30,0	31,0	31,3	29,1	30,8	29,6	29,0
50	30,2	31,1	30,4	30,7	31,3	31,4	29,6	30,9	29,6	29,1
75	*	31,3	31,5	31,1	31,5	31,5	30,5	31,1	29,6	30,1
100	*	31,4	31,5	31,3	31,6	*	30,6	31,1	30,1	30,7

Sigma-t (kg·m ⁻³)										
Cruceros	29-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	12-jun-09	13-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	21,7	20,2	21,4	15,7	18,9	21,4	20,7	21,1	21,6	19,1
5	21,6	20,7	22,1	19,8	19,4	21,9	20,8	21,1	21,9	21,4
10	22,2	20,9	22,2	20,5	20,0	22,0	21,0	21,9	22,3	21,6
20	22,7	21,5	22,4	21,1	22,4	23,5	21,7	23,2	22,7	21,8
30	22,8	22,2	22,8	22,2	23,5	23,9	22,5	23,8	22,9	22,1
40	22,8	23,7	23,2	23,0	23,7	24,1	22,6	23,9	23,0	22,5
50	22,9	23,9	23,3	23,5	24,0	24,2	23,1	24,1	23,0	22,6
75	*	24,2	24,3	24,0	24,3	24,3	23,8	24,3	23,2	23,5
100	*	24,4	24,5	24,2	24,5	*	24,0	24,4	23,7	24,0

Oxígeno (mg/l)										
Cruceros	29-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	12-jun-09	13-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	S/I	7,7	7,6	9,0	7,8	7,9	11,1	10,5	10,3	10,1
5	S/I	7,4	7,0	8,6	7,7	7,3	10,7	9,9	10,1	10,2
10	S/I	7,2	6,6	8,0	7,6	7,4	10,6	10,3	10,0	9,8
20	S/I	6,8	6,5	7,8	6,9	6,6	10,6	9,6	9,7	9,4
30	S/I	6,6	6,4	7,4	6,7	6,4	10,1	9,0	9,6	9,0
40	S/I	5,9	6,1	6,9	6,6	6,1	9,8	8,7	9,5	8,8
50	S/I	5,7	6,0	6,7	6,2	5,9	9,7	8,6	9,5	8,6
75	S/I	5,5	5,6	6,4	5,9	5,6	9,3	8,4	9,4	8,1
100	S/I	5,4	5,3	6,2	5,7	*	9,5	10,0	9,3	7,3

Anexo 79 (continuaci3n)

Estaci3n A29: Puerto Bonito

Temperatura (°C)										
Cruceros	29-dic-08	1-mar-09	24-mar-09	15-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	16-nov-09	9-dic-09
Prof (m)										
0	11,0	11,8	12,0	11,8	9,4	10,2	8,3	9,5	9,5	10,3
5	11,6	11,8	12,0	11,4	10,1	10,5	9,0	9,5	9,6	10,3
10	11,6	11,8	11,9	11,6	10,2	10,5	9,1	9,5	9,6	10,1
20	11,7	11,8	11,9	11,6	11,0	10,7	9,2	9,5	9,6	9,9
30	11,7	11,8	11,8	11,6	11,1	10,8	9,2	9,5	9,6	9,9
40	11,7	*	11,8	11,6	11,2	10,9	9,3	9,5	9,6	9,9
50	11,8	*	11,7	11,6	11,4	11,0	9,3	9,5	9,6	9,9

Salinidad (psu)										
Cruceros	29-dic-08	1-mar-09	24-mar-09	15-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	16-nov-09	9-dic-09
Prof (m)										
0	27,4	23,8	26,7	23,2	19,1	27,4	20,0	25,9	24,3	27,6
5	28,0	25,2	27,0	25,4	23,4	27,8	26,2	26,7	26,5	27,9
10	28,6	26,5	27,1	27,8	24,4	28,0	26,6	27,5	27,5	28,6
20	29,5	26,8	27,6	28,0	27,0	28,5	27,4	28,5	28,7	29,2
30	29,6	28,0	28,4	28,5	27,6	29,0	27,9	29,0	28,9	29,3
40	29,6	*	28,8	28,9	28,2	29,5	28,2	29,1	28,9	29,4
50	29,7	*	29,4	29,0	29,0	30,0	29,0	29,2	29,1	29,6

Sigma-t (kg·m ⁻³)										
Cruceros	29-dic-08	1-mar-09	24-mar-09	15-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	16-nov-09	9-dic-09
Prof (m)										
0	20,8	18,0	20,2	17,5	14,7	21,0	15,5	20,0	18,7	21,1
5	21,2	19,1	20,4	19,2	17,9	21,3	20,2	20,6	20,4	21,4
10	21,7	20,1	20,5	21,1	18,7	21,4	20,6	21,2	21,2	22,0
20	22,4	20,4	20,9	21,3	20,6	21,9	21,3	22,1	22,2	22,6
30	22,5	21,3	21,6	21,7	21,1	22,3	21,7	22,5	22,4	22,7
40	22,5	*	22,0	22,1	21,6	22,7	22,0	22,6	22,5	22,8
50	22,5	*	22,5	22,3	22,3	23,1	22,6	22,7	22,6	23,0

Oxígeno (mg/l)										
Cruceros	7-dic-08	1-mar-09	24-mar-09	15-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	16-nov-09	9-dic-09
Prof (m)										
0	S/I	7,7	7,7	9,8	8,4	7,8	11,8	10,4	11,3	8,6
5	S/I	7,4	7,6	9,4	8,0	7,8	10,9	10,4	10,8	8,6
10	S/I	7,0	7,5	8,4	7,8	7,1	10,4	10,3	10,8	8,5
20	S/I	6,9	7,5	7,5	7,5	6,8	10,5	9,9	10,4	8,3
30	S/I	6,6	7,2	7,4	7,1	6,7	10,3	9,5	10,1	8,2
40	S/I	*	6,8	7,2	7,0	6,5	10,5	9,2	9,9	7,8
50	S/I	*	6,5	7,2	6,7	6,3	10,0	9,3	9,8	7,7

Anexo 79 (continuación)

Estación A30: Isla Julián

Temperatura (°C)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	6-dic-09
Prof (m)										
0	12,8	14,1	13,5	11,9	10,3	10,1	9,0	10,0	10,0	12,9
5	12,8	12,3	13,5	11,9	10,4	10,1	9,0	10,0	10,0	11,6
10	12,8	12,2	13,3	11,9	10,5	10,1	9,0	9,8	10,0	10,4
20	11,5	11,8	11,5	11,6	10,6	10,3	9,2	9,7	10,0	10,0
30	11,8	11,6	11,0	11,0	11,0	10,5	9,3	9,6	9,8	9,9
40	11,7	10,9	10,7	10,9	10,8	10,6	9,5	9,7	9,8	9,8
50	11,2	10,8	10,5	10,6	10,6	10,6	9,6	9,8	9,8	9,8

Salinidad (psu)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	6-dic-09
Prof (m)										
0	30,2	26,0	26,9	26,3	26,7	29,1	28,4	29,1	25,7	26,4
5	30,2	29,3	27,0	28,1	26,8	29,2	28,4	29,1	27,0	27,4
10	30,2	30,1	27,7	28,2	27,0	29,2	28,5	29,3	27,6	28,6
20	30,2	31,2	31,0	29,9	27,7	29,4	29,7	29,7	28,8	30,7
30	30,9	31,5	31,8	31,6	30,8	30,6	30,6	30,3	31,3	31,5
40	31,2	32,3	32,4	32,0	31,6	32,1	31,3	31,0	32,1	32,1
50	32,0	32,3	32,7	32,6	32,3	32,5	31,6	32,0	32,3	32,4

Sigma-t (kg·m ⁻³)										
Cruceros	19-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	6-dic-09
Prof (m)										
0	22,7	19,2	20,1	19,9	20,4	22,4	22,0	22,3	19,7	19,8
5	22,7	22,1	20,1	21,3	20,5	22,4	22,0	22,4	20,8	20,8
10	22,7	22,8	20,7	21,4	20,7	22,4	22,1	22,6	21,3	22,0
20	23,0	23,8	23,7	22,8	21,3	22,6	23,0	22,9	22,2	23,7
30	23,0	24,1	24,4	24,2	23,6	23,5	23,8	23,5	24,2	24,4
40	23,7	24,8	25,0	24,6	24,3	24,7	24,4	24,1	24,9	24,9
50	24,0	24,9	25,3	25,2	25,0	25,1	24,6	24,9	25,1	25,2

Oxígeno (mg/l)										
Cruceros	7-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	6-dic-09
Prof (m)										
0	S/I	11,3	8,9	8,6	8,1	8,0	11,4	10,5	11,8	11,4
5	S/I	9,8	9,0	8,5	8,1	7,6	11,4	11,1	11,9	12,0
10	S/I	8,4	8,6	8,7	8,2	7,5	11,5	11,2	12,1	11,9
20	S/I	6,5	8,0	7,4	8,3	7,4	11,3	10,5	12,3	9,2
30	S/I	5,9	5,5	6,1	7,5	6,9	10,7	10,2	10,8	8,0
40	S/I	5,2	4,8	5,2	6,4	5,7	10,1	9,5	9,3	7,2
50	S/I	4,9	4,7	5,1	5,4	5,2	9,3	8,8	8,3	6,6

Anexo 79 (continuación)

Estación A31: Islas Huichas

Temperatura (°C)										
Cruceros	22-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	13,4	13,9	13,6	11,9	9,8	9,7	9,0	9,8	10,0	11,4
5	13,4	13,2	13,5	11,9	9,9	9,8	9,0	9,8	10,0	11,2
10	13,4	12,3	12,7	11,9	10,3	9,8	9,0	9,8	10,0	10,2
20	13,3	12,0	11,8	11,7	10,5	9,8	9,2	9,8	9,8	9,9
30	12,3	11,4	10,9	11,1	11,0	10,5	9,4	9,7	9,8	9,8
40	11,8	10,8	10,4	10,7	10,8	10,6	9,5	9,7	9,8	9,8
50	11,7	10,3	10,3	10,5	10,6	10,6	9,7	9,7	9,9	9,8

Salinidad (psu)										
Cruceros	22-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	29,0	25,9	25,6	27,0	24,1	28,4	28,6	29,0	24,9	27,5
5	28,9	27,4	27,0	27,4	24,3	28,4	28,6	29,4	25,1	27,8
10	28,7	29,6	28,6	27,7	26,3	28,4	28,7	29,4	26,2	29,3
20	29,0	31,1	30,2	29,3	27,4	28,5	30,0	29,5	30,4	30,7
30	30,3	31,7	31,9	31,5	30,9	30,7	30,8	29,8	31,3	31,5
40	31,0	32,1	32,5	32,2	31,8	32,3	31,3	30,5	31,8	32,2
50	31,9	32,5	32,7	32,6	32,3	32,5	31,8	31,4	32,5	32,5

Sigma-t (kg·m ⁻³)										
Cruceros	22-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	21,7	19,2	19,0	20,4	18,5	21,9	22,1	22,3	19,1	20,9
5	21,6	20,5	20,1	20,7	18,7	21,9	22,1	22,6	19,2	21,2
10	21,4	22,4	21,5	21,0	20,2	21,9	22,2	22,7	20,2	22,5
20	21,7	23,6	23,0	22,4	21,0	22,0	23,2	22,7	23,5	23,7
30	22,9	24,2	24,5	24,2	23,7	23,6	23,9	23,1	24,3	24,4
40	23,5	24,8	25,1	24,8	24,5	24,9	24,3	23,7	24,7	25,0
50	24,2	25,2	25,3	25,2	24,9	25,2	24,8	24,4	25,3	25,2

Oxígeno (mg/l)										
Cruceros	7-dic-08	2-mar-09	26-mar-09	17-abr-09	20-may-09	14-jun-09	10-sep-09	9-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	S/I	11,4	8,6	8,3	8,4	8,5	11,8	10,0	11,7	10,5
5	S/I	11,5	8,7	8,5	8,6	8,5	11,9	9,8	11,7	10,5
10	S/I	9,9	8,3	8,5	8,6	8,1	11,8	10,4	12,0	10,0
20	S/I	6,9	6,5	8,2	8,7	8,1	11,2	10,4	11,3	7,9
30	S/I	6,2	4,9	6,0	7,7	7,6	10,4	10,3	10,1	7,1
40	S/I	5,0	3,9	4,5	6,2	5,5	9,9	9,6	9,4	6,2
50	S/I	4,0	3,6	3,6	5,1	4,7	9,3	10,7	8,2	5,7

Anexo 79 (continuación)

Estación A32: Isla Vergara

Temperatura (°C)										
Cruceros	22-dic-08	2-mar-09	25-mar-09	17-abr-09	19-may-09	14-jun-09	10-sep-09	10-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	13,6	12,6	12,7	12,0	10,0	9,2	9,2	9,8	9,7	11,2
5	13,6	12,1	12,3	12,0	10,3	9,8	9,2	9,8	9,7	11,0
10	13,5	11,9	12,3	11,9	10,8	10,0	9,2	9,8	9,7	10,7
20	13,0	11,7	12,0	11,8	11,1	10,1	9,3	9,8	9,7	10,1
30	12,6	11,0	12,0	11,2	11,2	10,3	9,4	9,8	9,8	9,9
40	11,5	10,9	*	10,7	11,3	10,6	9,6	9,7	9,8	9,8
50	11,5	*	*	10,5	11,4	10,5	9,7	9,9	9,9	9,9

Salinidad (psu)										
Cruceros	22-dic-08	2-mar-09	25-mar-09	17-abr-09	19-may-09	14-jun-09	10-sep-09	10-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	29,1	24,2	28,3	27,0	24,6	27,7	28,4	29,3	28,6	25,1
5	29,1	28,2	29,2	27,2	26,0	28,1	28,4	29,2	28,9	27,3
10	29,2	29,5	29,3	28,1	27,8	28,7	28,9	29,2	29,3	28,0
20	29,7	30,1	30,0	29,3	28,9	29,0	29,4	29,3	29,6	30,0
30	30,2	32,0	30,0	31,2	29,5	29,4	30,8	29,4	31,5	31,1
40	31,0	32,1	*	32,2	29,8	31,9	31,5	30,6	32,2	31,9
50	31,6	*	*	32,4	30,0	32,4	31,8	32,0	32,4	32,2

Sigma-t (kg·m ⁻³)										
Cruceros	22-dic-08	2-mar-09	25-mar-09	17-abr-09	19-may-09	14-jun-09	10-sep-09	10-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	21,7	18,1	21,3	20,4	18,8	21,4	22,0	22,5	22,0	19,1
5	22,7	21,3	22,1	20,6	19,9	21,6	22,0	22,5	22,3	20,8
10	21,8	22,4	22,2	21,3	21,3	22,1	22,4	22,5	22,6	21,4
20	22,3	22,9	22,8	22,3	22,1	22,4	22,8	22,6	22,9	23,2
30	22,8	24,6	22,8	23,9	22,6	22,7	23,9	22,8	24,4	24,0
40	23,6	24,7	*	24,8	22,9	24,6	24,5	23,8	25,0	24,7
50	24,0	*	*	25,1	23,0	25,0	24,7	24,9	25,2	25,0

Oxígeno (mg/l)										
Cruceros	7-dic-08	2-mar-09	25-mar-09	17-abr-09	19-may-09	14-jun-09	10-sep-09	10-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	S/I	8,8	8,1	8,1	8,5	8,9	10,8	10,0	10,9	9,9
5	S/I	8,3	7,7	8,2	8,5	8,5	10,8	9,9	12,2	10,1
10	S/I	7,4	7,3	8,3	8,4	8,1	10,6	10,1	12,2	9,9
20	S/I	6,4	6,9	7,2	7,6	7,7	10,3	10,2	11,8	8,9
30	S/I	5,6	16,3	5,8	7,3	7,3	10,0	10,2	10,9	7,5
40	S/I	5,0	*	4,3	6,9	6,1	9,5	9,8	9,1	6,6
50	S/I	*	*	3,6	6,8	5,6	8,7	8,7	8,3	6,0

Anexo 79 (continuación)

Estación A33: Isla Concoto

Temperatura (°C)										
Cruceros	8-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	8-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	10,7	13,7	13,2	11,1	10,2	9,2	9,1	10,3	10,0	S/I
5	10,4	13,5	13,0	11,1	10,2	9,4	9,5	10,0	13,6	S/I
10	10,2	13,4	12,6	11,1	10,2	9,4	9,5	9,9	13,6	S/I
20	10,0	13,3	12,4	11,0	10,2	9,3	9,5	9,9	9,9	S/I
30	9,8	12,9	12,4	10,9	10,3	9,3	9,5	9,9	9,9	S/I
40	9,5	12,4	12,3	10,9	10,4	9,3	9,5	9,9	9,9	S/I
50	9,0	12,3	12,3	10,8	10,3	9,4	9,5	9,9	9,9	S/I

Salinidad (psu)										
Cruceros	8-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	8-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	31,0	31,8	32,3	31,7	30,6	31,7	30,6	31,6	32,2	S/I
5	31,0	32,0	32,6	31,7	30,7	31,8	32,0	31,8	29,6	S/I
10	31,0	32,2	32,7	31,7	30,8	31,8	32,6	31,9	30,0	S/I
20	32,0	32,4	32,8	31,9	31,1	31,8	33,4	31,9	S/I	S/I
30	32,0	32,5	32,9	32,0	31,2	31,8	S/I	32,0	S/I	S/I
40	32,0	32,7	33,0	32,1	31,4	31,8	S/I	32,0	S/I	S/I
50	32,0	33,2	33,2	32,2	31,7	31,8	S/I	32,0	S/I	S/I

Sigma-t (kg·m ⁻³)										
Cruceros	8-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	8-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	23,7	23,8	24,3	24,2	23,5	24,5	23,7	24,3	24,7	S/I
5	23,8	24,0	24,5	24,2	23,6	24,5	24,7	24,5	22,1	S/I
10	23,8	24,1	24,2	24,3	23,7	24,6	25,2	24,6	22,4	S/I
20	24,6	24,3	24,8	24,5	23,9	24,6	25,9	24,7	S/I	S/I
30	24,6	24,5	24,2	24,6	24,1	24,7	S/I	24,7	S/I	S/I
40	24,7	24,7	25,0	24,7	24,2	24,7	S/I	24,8	S/I	S/I
50	24,8	25,1	25,0	24,9	24,6	24,8	S/I	24,9	S/I	S/I

Oxígeno (mg/l)										
Cruceros	7-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	8-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	S/I	S/I	S/I	5,8	6,9	S/I	8,9	9,5	9,8	S/I
5	S/I	S/I	S/I	5,5	6,7	S/I	8,6	9,4	9,0	S/I
10	S/I	S/I	S/I	5,3	6,6	S/I	8,2	9,2	9,0	S/I
20	S/I	S/I	S/I	5,1	6,4	S/I	8,0	9,0	9,0	S/I
30	S/I	S/I	S/I	4,9	6,3	S/I	7,8	8,9	8,8	S/I
40	S/I	S/I	S/I	4,9	6,2	S/I	7,7	8,9	8,6	S/I
50	S/I	S/I	S/I	4,8	6,0	S/I	7,6	8,9	8,4	S/I

Anexo 79 (continuaci3n)

Estaci3n A34: Isla Garc3a

Temperatura (°C)										
Cruceros	8-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	8-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	10,7	12,3	13,1	11,5	10,4	9,3	9,6	9,8	S/I	S/I
5	10,6	12,2	12,7	11,3	10,2	9,4	9,6	9,8	S/I	S/I
10	10,3	12,0	12,6	11,2	10,2	9,4	9,6	9,8	S/I	S/I
20	9,4	11,8	12,5	11,1	10,2	9,4	9,6	9,8	S/I	S/I
30	8,9	11,3	12,5	10,8	10,2	9,4	9,6	9,8	S/I	S/I
40	8,5	11,1	12,3	10,7	10,1	9,4	9,6	9,8	S/I	S/I
50	8,0	11,1	12,1	10,7	10,1	9,4	9,6	9,7	S/I	S/I

Salinidad (psu)										
Cruceros	8-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	8-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	30,0	32,1	31,9	31,2	30,1	31,7	31,9	32,0	29,1	S/I
5	31,0	32,6	32,2	31,5	30,6	31,8	32,4	32,1	28,2	S/I
10	31,0	32,9	32,3	30,9	30,9	31,9	32,8	32,1	28,5	S/I
20	33,0	33,0	32,7	31,7	31,2	31,9	33,8	32,1	29,4	S/I
30	32,0	33,1	33,0	32,1	31,7	32,0	S/I	32,1	29,9	S/I
40	33,0	33,3	33,1	32,3	32,0	32,0	S/I	32,2	30,6	S/I
50	33,0	33,4	33,2	32,4	32,2	32,0	S/I	32,3	S/I	S/I

Sigma-t (kg·m ⁻³)										
Cruceros	8-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	8-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	22,9	24,3	24,0	23,8	23,0	24,5	24,6	24,7	21,7	S/I
5	23,7	24,7	24,3	24,0	23,5	24,6	25,0	24,7	20,8	S/I
10	23,8	25,0	24,4	23,6	23,8	24,7	25,4	24,7	21,0	S/I
20	25,5	25,1	24,7	24,3	24,1	24,8	26,2	24,8	21,7	S/I
30	24,8	25,2	24,9	24,7	24,5	24,8	S/I	24,8	22,2	S/I
40	25,6	25,4	25,1	24,9	24,7	24,9	S/I	25,0	22,8	S/I
50	25,7	25,5	25,2	25,0	25,0	25,0	S/I	25,1	S/I	S/I

Ox3geno (mg/l)										
Cruceros	7-dic-08	9-feb-09	20-mar-09	1-may-09	31-may-09	26-jul-09	8-sep-09	19-oct-09	8-nov-09	S/I
Prof (m)										
0	S/I	S/I	S/I	6,1	6,7	S/I	8,1	9,7	9,0	S/I
5	S/I	S/I	S/I	5,8	6,3	S/I	7,9	9,1	8,6	S/I
10	S/I	S/I	S/I	5,5	6,2	S/I	8,0	9,0	8,7	S/I
20	S/I	S/I	S/I	5,2	6,0	S/I	7,8	8,9	8,5	S/I
30	S/I	S/I	S/I	5,0	5,7	S/I	7,7	8,9	8,5	S/I
40	S/I	S/I	S/I	4,8	5,5	S/I	7,5	8,8	8,0	S/I
50	S/I	S/I	S/I	4,7	5,3	S/I	7,4	8,6	8,6	S/I

Anexo 79 (continuación)

Estación A35: Isla Sierra

Temperatura (°C)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	20-abr-09	25-may-09	20-jun-09	5-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	14,9	12,2	12,2	12,1	10,3	9,5	9,3	9,5	10,2	10,3
5	14,1	12,2	12,2	11,8	10,4	9,5	9,3	9,5	10,2	10,3
10	13,6	12,2	12,0	11,6	10,4	9,7	9,3	9,5	10,0	10,3
20	13,1	12,0	11,8	11,3	10,5	9,8	9,4	9,5	9,8	10,1
30	12,5	11,5	11,7	11,1	10,5	9,8	9,4	9,6	9,8	10,0
40	12,0	11,5	11,6	11,0	10,6	10,0	9,4	9,6	9,8	9,9
50	12,0	11,3	11,6	10,9	10,6	*	9,5	9,6	9,7	9,9

Salinidad (psu)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	20-abr-09	25-may-09	20-jun-09	5-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	30,2	30,5	29,3	28,8	29,8	30,4	30,4	31,2	29,2	30,0
5	30,4	30,5	30,1	29,0	29,8	30,4	30,5	31,2	29,2	30,0
10	30,6	30,6	30,4	29,6	29,9	30,8	30,7	31,2	30,0	30,0
20	31,0	30,9	30,8	30,7	30,1	31,0	30,9	31,3	30,9	30,3
30	31,4	31,5	31,2	31,2	30,3	30,9	31,1	31,5	31,2	30,7
40	31,9	31,6	31,3	31,5	30,6	31,2	31,3	31,6	31,6	31,2
50	31,9	31,7	31,4	31,7	30,8	*	31,5	31,8	31,8	31,4

Sigma-t (kg·m ⁻³)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	20-abr-09	25-may-09	20-jun-09	5-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	22,3	23,1	22,2	21,7	22,8	23,5	23,5	24,1	22,4	23,0
5	22,6	23,1	22,8	22,0	22,9	23,5	23,6	24,1	22,5	23,0
10	22,9	23,2	23,1	22,5	23,0	23,7	23,7	24,1	23,1	23,1
20	23,3	23,5	23,5	23,5	23,1	23,9	23,9	24,2	23,9	23,3
30	23,7	24,1	23,8	23,9	23,3	23,9	24,2	24,4	24,1	23,7
40	24,2	24,2	24,0	24,2	23,6	24,2	24,3	24,6	24,5	24,2
50	24,2	24,4	24,1	24,4	23,8	*	24,5	24,8	24,7	24,4

Oxígeno (mg/l)										
Cruceros	7-dic-08	7-mar-09	1-abr-09	20-abr-09	25-may-09	20-jun-09	5-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	S/I	8,6	8,3	6,8	8,2	8,2	7,9	9,0	10,2	9,2
5	S/I	8,5	8,5	6,9	8,0	8,2	7,7	8,9	13,0	9,4
10	S/I	8,5	8,3	6,4	7,9	9,0	7,8	8,3	13,6	9,8
20	S/I	8,4	7,9	5,3	7,8	8,6	8,0	8,6	12,8	9,7
30	S/I	7,3	7,5	4,8	7,7	7,7	8,0	8,5	11,9	8,9
40	S/I	6,5	7,1	4,6	7,4	7,7	8,0	8,4	11,0	8,2
50	S/I	5,9	6,9	4,4	7,2	*	7,9	8,3	10,4	7,7

Anexo 79 (continuaci3n)

Estaci3n A36: Grupo Enjambre

Temperatura (°C)										
Cruceros	15-dic-08	7-mar-09	31-mar-09	20-abr-09	25-may-09	20-jun-09	6-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	12,8	12,1	12,8	12,5	10,1	9,5	9,2	9,6	10,1	11,4
5	12,7	12,1	12,1	11,8	10,5	9,5	9,3	9,5	10,1	10,9
10	12,4	11,8	12,0	11,6	10,5	9,5	9,4	9,5	10,1	10,1
20	11,7	11,7	11,6	11,4	10,5	9,9	9,4	9,6	9,8	10,0
30	11,6	11,3	11,5	10,9	10,6	10,1	9,4	9,6	9,7	9,9
40	11,8	11,0	11,3	10,7	10,6	10,2	9,4	9,6	9,7	9,8
50	11,0	10,8	11,2	10,6	10,6	10,2	9,5	9,6	9,7	9,7

Salinidad (psu)										
Cruceros	15-dic-08	7-mar-09	31-mar-09	20-abr-09	25-may-09	20-jun-09	6-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	30,6	30,4	27,6	28,3	29,0	30,5	30,6	31,0	29,6	29,1
5	31,3	30,4	29,7	28,6	29,7	30,5	30,5	31,0	29,6	29,6
10	31,1	30,7	30,1	29,6	29,8	30,5	30,9	31,1	29,6	30,2
20	31,7	30,9	31,0	30,4	30,1	30,9	31,1	31,4	30,6	30,6
30	31,7	31,5	31,4	31,6	30,9	31,3	31,4	31,6	31,4	30,9
40	32,3	32,0	31,6	32,2	31,3	31,6	31,4	31,7	31,7	31,7
50	32,3	32,2	31,8	32,5	31,8	32,1	31,7	32,0	32,1	32,0

Sigma-t (kg·m ⁻³)										
Cruceros	15-dic-08	7-mar-09	31-mar-09	20-abr-09	25-may-09	20-jun-09	6-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	23,0	23,0	20,7	21,3	22,2	23,5	23,6	23,9	22,7	22,1
5	23,6	23,0	22,5	21,6	22,8	23,6	23,6	24,0	22,7	22,6
10	23,5	23,3	22,9	22,5	22,9	23,6	23,9	24,1	22,8	23,2
20	24,1	23,5	23,6	23,2	23,1	23,9	24,1	24,3	23,7	23,6
30	24,1	24,1	24,0	24,3	23,8	24,2	24,4	24,5	24,3	23,9
40	24,5	24,6	24,3	24,8	24,2	24,5	24,5	24,6	24,6	24,6
50	24,7	24,9	24,5	25,1	24,6	24,9	24,7	24,9	25,0	24,9

Oxígeno (mg/l)										
Cruceros	7-dic-08	7-mar-09	31-mar-09	20-abr-09	25-may-09	20-jun-09	6-sep-09	6-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	S/I	8,5	9,2	7,0	8,5	8,6	8,4	9,2	12,3	9,9
5	S/I	8,3	9,6	7,2	8,1	9,3	8,3	9,2	13,4	10,5
10	S/I	8,1	9,5	6,5	8,0	9,1	8,4	9,0	13,8	10,7
20	S/I	7,5	7,7	5,3	7,6	9,2	8,4	8,9	13,2	9,2
30	S/I	6,6	7,1	4,7	7,0	8,0	8,2	8,6	12,2	8,7
40	S/I	6,0	6,6	4,3	6,6	8,1	8,1	8,4	10,5	7,8
50	S/I	5,3	6,4	4,0	6,2	6,8	7,9	8,1	9,9	7,3

Anexo 79 (continuación)

Estación A37: Isla Teresa

Temperatura (°C)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	21-abr-09	25-may-09	21-jun-09	5-sep-09	5-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	18,0	12,4	11,8	12,0	10,1	9,0	9,3	10,1	10,3	12,4
5	13,9	12,2	11,7	11,7	10,3	9,6	9,3	9,6	10,1	10,4
10	13,8	12,3	11,7	11,7	10,4	9,7	9,3	9,6	10,0	10,1
20	13,6	12,0	11,7	11,5	10,6	10,1	9,3	9,6	9,8	10,0
30	12,7	11,7	11,7	11,4	10,7	10,2	9,4	9,6	9,8	9,9
40	12,4	11,5	11,7	11,4	10,7	10,2	9,4	9,6	9,7	9,8
50	12,4	11,3	11,7	11,3	10,7	10,3	9,5	9,6	9,7	9,7
75	*	10,8	10,8	10,7	10,7	10,2	9,6	9,6	9,6	9,7
100	*	10,5	10,7	*	10,6	10,2	9,7	9,6	9,6	9,7

Salinidad (psu)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	21-abr-09	25-may-09	21-jun-09	5-sep-09	5-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	29,5	30,2	31,5	29,0	28,8	29,9	30,2	28,2	30,5	28,1
5	31,3	30,5	31,5	29,5	29,8	30,4	30,4	31,0	31,0	30,3
10	31,5	30,7	31,5	29,6	29,9	30,5	30,9	31,1	31,2	30,7
20	31,7	31,2	31,5	31,0	30,6	31,1	31,1	31,3	31,3	31,1
30	32,0	31,9	31,6	31,7	31,1	31,4	31,4	31,5	31,4	31,5
40	32,2	32,1	31,8	31,8	31,6	31,5	31,6	31,7	31,6	31,7
50	32,3	32,3	32,0	32,0	31,9	31,8	31,7	31,7	31,7	31,9
75	*	32,6	32,6	32,5	32,3	32,6	32,0	32,0	32,4	32,3
100	*	32,7	32,6	*	32,5	32,7	32,1	32,1	32,6	32,4

Sigma-t (kg·m ⁻³)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	21-abr-09	25-may-09	21-jun-09	5-sep-09	5-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	22,0	22,8	23,9	22,0	22,1	23,1	23,3	21,6	23,4	21,2
5	23,4	23,1	23,9	22,4	22,9	23,5	23,5	23,9	23,8	23,2
10	23,5	23,3	23,9	22,5	23,0	23,6	23,9	24,0	24,0	23,6
20	23,7	23,7	24,1	23,7	23,5	24,0	24,1	24,2	24,2	24,0
30	24,1	24,3	24,2	24,3	24,0	24,2	24,4	24,5	24,3	24,4
40	24,3	24,6	24,3	24,4	24,3	24,3	24,5	24,6	24,5	24,6
50	24,4	24,8	24,5	24,6	24,6	24,6	24,7	24,7	24,6	24,8
75	*	25,2	25,3	25,2	25,1	25,4	25,0	25,0	25,3	25,2
100	*	25,5	25,4	*	25,3	25,5	25,1	25,1	25,5	25,4

Oxígeno (mg/l)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	21-abr-09	25-may-09	21-jun-09	5-sep-09	5-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	S/I	9,5	7,1	6,6	8,9	8,8	7,8	11,1	11,0	8,8
5	S/I	9,5	7,2	6,8	8,6	8,8	7,7	11,0	11,0	8,8
10	S/I	9,0	7,4	6,6	8,3	9,1	7,6	10,2	11,0	8,5
20	S/I	8,9	7,5	6,1	7,8	7,9	7,4	9,1	11,0	8,4
30	S/I	7,4	7,5	4,8	7,6	8,1	7,1	8,7	11,1	8,4
40	S/I	6,4	7,3	4,8	7,0	7,0	6,9	8,4	10,4	8,2
50	S/I	5,8	6,9	4,5	6,6	6,9	6,7	8,2	9,9	7,9
75	*	5,0	4,5	3,9	5,4	5,8	6,2	7,6	8,8	6,6
100	*	5,0	4,2	*	5,0	5,5	6,1	7,7	8,5	6,4

Anexo 79 (continuaci3n)

Estaci3n A38N1: Isla Jes3s

Temperatura (°C)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	21-abr-09	25-may-09	20-jun-09	5-sep-09	5-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	13,3	12,2	S/I	11,6	10,6	9,8	9,4	9,6	9,8	10,6
5	12,4	12,2	S/I	11,6	10,6	9,8	9,4	9,6	9,7	10,5
10	13,2	12,1	S/I	11,6	10,6	9,8	9,3	9,6	9,7	10,3
20	12,8	12,0	S/I	11,5	10,6	9,9	9,3	9,6	9,7	10,2
30	12,6	11,9	S/I	11,5	10,6	10,0	9,3	9,6	9,7	10,0
40	12,5	11,8	S/I	11,5	10,6	10,0	9,3	9,6	9,7	10,0
50	12,1	11,8	S/I	11,4	10,7	10,1	9,3	9,6	9,7	9,9

Salinidad (psu)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	21-abr-09	25-may-09	20-jun-09	5-sep-09	5-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	31,3	31,0	S/I	30,1	30,6	30,9	31,0	31,0	31,3	30,1
5	31,4	31,1	S/I	30,3	30,6	30,9	31,0	31,1	31,4	30,7
10	31,4	31,1	S/I	30,8	30,6	30,9	31,0	31,1	31,4	30,8
20	31,4	31,3	S/I	30,9	30,7	31,0	31,0	31,3	31,4	30,8
30	31,6	31,4	S/I	31,5	30,8	31,1	31,2	31,4	31,4	31,0
40	31,6	31,7	S/I	31,6	30,9	31,2	31,2	31,4	31,5	31,1
50	32,2	31,8	S/I	31,9	31,2	31,2	31,3	31,5	31,5	31,4

Sigma-t (kg·m ⁻³)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	21-abr-09	25-may-09	20-jun-09	5-sep-09	5-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	23,5	23,5	S/I	22,9	23,5	23,8	23,9	23,9	24,1	23,0
5	23,7	23,5	S/I	23,0	23,5	23,8	23,9	24,0	24,2	23,6
10	23,6	23,6	S/I	23,4	23,5	23,8	24,0	24,0	24,2	23,6
20	23,7	23,8	S/I	23,6	23,6	24,0	24,0	24,2	24,3	23,7
30	23,8	24,0	S/I	24,1	23,7	24,1	24,2	24,3	24,4	24,0
40	23,9	24,2	S/I	24,2	23,8	24,2	24,3	24,4	24,4	24,1
50	24,4	24,4	S/I	24,5	24,1	24,2	24,4	24,5	24,5	24,3

Ox3geno (mg/l)										
Cruceros	7-dic-08	7-mar-09	1-abr-09	21-abr-09	25-may-09	20-jun-09	5-sep-09	5-oct-09	10-nov-09	3-dic-09
Prof (m)										
0	S/I	8,6	S/I	6,0	8,0	8,2	7,5	9,0	11,1	9,3
5	S/I	8,5	S/I	6,0	7,7	8,8	7,6	8,8	11,0	9,5
10	S/I	8,5	S/I	5,6	7,6	8,4	7,6	8,8	10,9	9,8
20	S/I	7,9	S/I	5,2	7,7	7,8	7,7	8,6	10,7	10,2
30	S/I	7,3	S/I	5,0	7,6	7,6	7,7	8,5	10,5	10,1
40	S/I	6,9	S/I	4,7	7,5	7,4	7,7	8,3	10,3	9,5
50	S/I	6,5	S/I	4,6	7,3	7,0	7,6	8,3	10,2	9,2

Anexo 79 (continuaci3n)

Estaci3n A39: Puerto Lampazo

Temperatura (°C)										
Cruceros	14-dic-08	8-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	12,6	12,0	12,1	11,7	10,2	9,4	9,3	9,5	9,9	10,2
5	12,8	11,8	12,0	11,7	10,2	9,4	9,3	9,5	9,8	10,0
10	13,6	11,6	11,9	11,7	10,3	9,4	9,3	9,5	9,7	9,9
20	12,5	11,4	11,6	11,6	10,4	9,7	9,4	9,6	9,8	9,9
30	12,3	10,9	11,4	11,3	10,4	9,9	9,4	9,6	9,7	9,9
40	12,2	10,8	11,0	11,2	10,3	9,9	9,5	9,6	9,6	9,9
50	12,3	10,5	*	11,1	10,3	10,0	9,5	9,6	9,6	9,8

Salinidad (psu)										
Cruceros	14-dic-08	8-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	30,8	30,1	29,1	28,5	27,6	29,9	30,8	31,0	29,9	29,1
5	31,3	30,3	29,6	28,7	27,9	30,0	30,9	31,3	29,9	29,3
10	31,0	30,8	30,0	29,0	28,8	30,0	31,0	31,4	30,1	30,4
20	31,6	31,2	30,8	29,9	30,6	30,5	31,3	31,6	30,4	30,6
30	31,9	32,1	31,6	31,1	31,0	30,9	31,5	31,8	31,4	30,8
40	32,2	32,3	32,3	31,5	31,3	31,1	31,7	31,9	31,9	31,0
50	32,4	32,6	*	31,7	31,8	31,3	31,8	32,0	32,6	31,3

Sigma-t (kg·m ⁻³)										
Cruceros	14-dic-08	8-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	23,2	22,8	22,0	21,6	21,1	23,1	23,8	23,9	23,0	22,3
5	23,6	23,0	22,4	21,8	21,4	23,1	23,9	24,2	23,0	22,5
10	23,2	23,5	22,8	22,0	22,1	23,2	24,0	24,2	23,2	23,4
20	23,9	23,9	23,5	22,8	23,5	23,6	24,2	24,5	23,5	23,6
30	24,1	24,7	24,2	23,8	23,9	23,9	24,5	24,6	24,3	23,8
40	24,4	24,9	24,8	24,2	24,2	24,1	24,6	24,8	24,8	24,0
50	24,5	25,2	*	24,4	24,7	24,3	24,8	24,8	25,3	24,3

Oxígeno (mg/l)										
Cruceros	7-dic-08	8-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	S/l	7,9	8,2	6,3	8,7	S/l	7,0	8,8	12,8	9,5
5	S/l	7,7	8,0	6,2	8,5	S/l	6,8	8,6	13,2	9,6
10	S/l	7,5	8,0	5,9	8,3	S/l	6,8	8,5	13,6	9,4
20	S/l	7,0	7,4	5,4	7,8	S/l	6,8	8,1	13,2	9,0
30	S/l	6,2	6,9	4,9	7,2	S/l	6,6	8,1	12,4	8,8
40	S/l	5,6	6,4	4,7	6,9	S/l	6,5	7,9	11,1	8,8
50	S/l	5,1	*	4,5	6,6	S/l	6,4	7,8	10,3	8,5

Anexo 79 (continuación)

Estación A40: Isla Silachilu

Temperatura (°C)										
Cruceros	14-dic-08	8-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	12,2	12,1	12,3	11,7	10,3	9,6	9,2	9,3	9,7	10,2
5	13,0	12,0	12,2	11,7	10,3	9,6	9,3	9,3	9,7	10,0
10	12,7	12,0	11,8	11,7	10,4	9,7	9,3	9,3	9,7	10,0
20	12,3	11,7	11,4	11,7	10,6	9,7	9,3	9,5	9,7	9,9
30	12,0	11,3	10,9	11,5	10,5	9,8	9,4	9,5	9,7	9,9
40	11,6	10,5	10,7	10,6	10,3	9,9	9,4	9,6	9,7	9,8
50	11,5	10,4	10,4	10,4	*	10,2	9,4	9,6	9,7	9,8

Salinidad (psu)										
Cruceros	14-dic-08	8-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	29,9	29,8	28,3	28,0	27,7	29,6	30,4	29,8	29,2	28,1
5	29,3	29,8	28,7	28,2	27,9	29,6	30,5	30,0	29,3	28,7
10	29,9	29,9	30,0	28,7	28,2	29,8	30,7	30,0	29,6	28,9
20	30,5	30,5	30,9	29,5	29,6	30,0	30,8	30,7	30,2	30,0
30	30,2	31,2	31,9	30,5	30,9	30,3	31,1	30,8	31,2	30,5
40	31,4	32,5	32,2	32,1	31,7	30,7	31,2	31,3	31,5	31,1
50	32,2	32,5	32,5	32,6	*	31,9	31,2	31,4	31,7	31,3

Sigma-t (kg·m ⁻³)										
Cruceros	14-dic-08	8-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	22,6	22,5	21,3	21,2	21,2	22,8	23,5	23,0	22,5	21,6
5	22,0	22,6	21,7	21,4	21,4	22,8	23,6	23,1	22,5	22,1
10	22,5	22,7	22,8	21,8	21,6	23,0	23,7	23,2	22,8	22,3
20	23,0	23,2	23,6	22,5	22,7	23,2	23,9	23,7	23,4	23,1
30	22,9	23,9	24,5	23,3	23,8	23,5	24,1	23,9	24,1	23,6
40	23,9	25,1	24,8	24,8	24,5	23,8	24,2	24,4	24,4	24,1
50	24,5	25,2	25,2	25,3	*	24,7	24,3	24,4	24,7	24,4

Oxígeno (mg/l)										
Cruceros	7-dic-08	8-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	S/l	8,2	8,5	6,1	8,6	S/l	7,2	9,1	12,2	10,4
5	S/l	7,9	8,4	6,0	8,4	S/l	7,1	9,5	13,4	9,9
10	S/l	7,8	8,2	5,8	8,3	S/l	7,1	9,3	13,6	10,0
20	S/l	7,7	7,2	5,2	7,8	S/l	7,2	8,9	12,9	9,6
30	S/l	6,9	6,5	4,8	6,8	S/l	7,2	8,8	12,0	9,3
40	S/l	6,0	6,1	4,3	6,4	S/l	7,1	8,4	10,9	8,9
50	S/l	5,0	5,8	3,7	*	S/l	7,1	8,3	10,2	8,6

Anexo 79 (continuación)

Estación A41: Canal Ninualac

Temperatura (°C)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	15,4	12,3	12,2	11,6	10,4	9,6	9,4	9,6	9,6	10,2
5	13,5	11,9	11,9	11,6	10,4	9,7	9,4	9,6	9,6	9,9
10	12,2	11,8	11,8	11,4	10,4	9,7	9,4	9,6	9,6	9,9
20	12,5	11,6	11,5	11,3	10,4	9,7	9,5	9,6	9,7	9,9
30	12,1	11,2	11,4	11,1	10,3	9,8	9,5	9,6	9,7	9,7
40	12,0	11,3	11,4	11,0	10,3	9,9	9,5	9,6	9,7	9,7
50	12,0	11,2	11,3	10,9	10,3	9,9	9,5	9,6	9,6	9,7

Salinidad (psu)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	30,5	29,0	28,8	29,2	28,6	30,4	31,0	31,4	30,1	29,5
5	31,2	29,9	29,5	29,5	29,0	30,4	31,0	31,5	30,1	29,8
10	31,8	30,3	29,9	30,5	29,1	30,4	31,2	31,6	30,2	30,0
20	31,9	30,7	30,9	31,0	29,6	30,5	31,5	31,6	30,8	30,6
30	32,1	31,4	31,3	31,6	31,0	30,9	31,6	31,7	31,4	31,8
40	32,0	31,6	31,9	32,0	31,3	31,1	31,7	31,9	31,6	32,0
50	32,5	31,9	32,0	32,1	31,4	31,2	31,7	32,1	31,8	32,1

Sigma-t (kg·m ⁻³)										
Cruceros	14-dic-08	7-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	22,4	21,9	21,7	22,1	21,9	23,4	23,9	24,2	23,2	22,6
5	23,4	22,6	22,3	22,4	22,2	23,5	24,0	24,3	23,2	22,9
10	24,1	23,0	22,7	23,3	22,3	23,5	24,1	24,4	23,3	23,1
20	24,1	23,4	23,6	23,7	22,8	23,6	24,4	24,4	23,9	23,6
30	24,3	24,1	24,0	24,3	23,9	23,9	24,5	24,6	24,3	24,6
40	24,3	24,3	24,5	24,6	24,2	24,1	24,6	24,8	24,5	24,9
50	24,7	24,5	24,6	24,8	24,3	24,2	24,7	25,0	24,8	25,0

Oxígeno (mg/l)										
Cruceros	7-dic-08	7-mar-09	1-abr-09	21-abr-09	26-may-09	21-jun-09	5-sep-09	5-oct-09	9-nov-09	3-dic-09
Prof (m)										
0	S/l	8,9	8,9	6,1	8,2	S/l	7,2	8,6	12,3	9,3
5	S/l	8,7	8,8	5,7	7,8	S/l	7,0	8,4	12,4	9,4
10	S/l	8,1	8,7	5,4	7,7	S/l	7,0	8,1	12,4	9,2
20	S/l	7,4	7,9	4,9	7,7	S/l	6,9	7,9	12,2	9,6
30	S/l	7,0	7,5	4,9	7,0	S/l	6,8	8,0	11,4	8,7
40	S/l	6,3	7,2	4,5	6,7	S/l	6,7	8,0	10,8	8,1
50	S/l	6,1	7,0	4,4	6,6	S/l	6,6	7,7	10,4	7,8

Anexo 79 (continuación)

Estación A42: Canal Pilcomayo

Temperatura (°C)										
Cruceros	22-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	10-sep-09	10-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	12,9	13,8	12,8	12,0	10,7	10,6	9,2	9,5	9,4	12,4
5	12,6	13,6	12,8	11,9	10,7	10,6	9,1	9,6	9,6	11,3
10	12,4	12,7	12,7	11,8	10,8	10,5	9,2	9,6	9,7	10,5
20	12,4	12,0	12,4	11,8	10,7	10,6	9,2	9,7	9,7	10,2
30	12,4	11,9	12,2	11,8	11,2	10,7	9,2	9,7	9,7	10,1
40	12,3	11,9	12,1	11,8	11,5	10,8	9,3	9,7	9,7	9,9
50	12,3	11,8	12,0	11,9	11,6	10,9	9,3	9,7	9,7	10,0

Salinidad (psu)										
Cruceros	22-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	10-sep-09	10-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	29,7	20,7	27,4	27,2	26,1	29,3	27,6	28,8	26,0	21,0
5	29,8	22,4	28,0	27,7	27,1	29,3	27,6	29,1	26,8	24,3
10	29,8	25,6	28,3	28,1	27,3	29,3	27,8	29,3	28,1	27,8
20	30,0	29,2	29,1	28,9	27,6	29,3	28,8	29,5	29,3	28,5
30	30,0	29,8	29,5	29,6	28,9	29,3	28,9	29,6	29,6	28,7
40	30,2	29,9	29,7	29,6	29,9	29,5	29,4	29,6	29,8	29,5
50	30,2	30,0	29,8	30,2	30,3	30,3	29,6	29,6	30,0	29,6

Sigma-t (kg·m ⁻³)										
Cruceros	22-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	10-sep-09	10-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	22,3	15,2	20,5	20,6	19,9	22,4	21,3	22,2	20,1	15,7
5	22,4	16,5	21,0	20,9	20,7	22,4	21,4	22,5	20,7	18,4
10	22,5	19,2	21,3	21,3	20,9	22,5	21,5	22,6	21,6	21,3
20	22,6	22,2	22,0	22,0	21,2	22,5	22,3	22,8	22,6	21,9
30	22,6	22,7	22,4	22,6	22,2	22,5	22,4	22,9	23,0	22,1
40	22,8	22,8	22,6	23,0	22,9	22,7	22,9	23,0	23,1	22,9
50	22,8	23,0	22,8	23,1	23,3	23,4	23,1	23,0	23,4	22,9

Oxígeno (mg/l)										
Cruceros	7-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	10-sep-09	10-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	S/I	10,3	9,2	8,1	8,1	7,6	11,0	9,8	12,2	11,3
5	S/I	10,7	9,2	8,2	7,9	7,3	10,9	9,5	13,3	11,7
10	S/I	10,3	8,7	7,9	7,9	7,1	10,7	9,6	13,3	11,1
20	S/I	8,1	7,9	7,5	8,1	7,0	10,4	9,5	12,6	9,7
30	S/I	6,5	7,5	7,2	7,9	6,8	10,2	9,4	12,0	9,2
40	S/I	6,2	7,2	6,9	7,3	6,7	10,1	9,6	11,5	8,7
50	S/I	6,1	7,0	6,8	6,9	6,2	9,9	9,4	11,2	8,3

Anexo 79 (continuación)

Estación A43: Playas Largas

Temperatura (°C)										
Cruceros	28-dic-08	27-feb-09	22-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	12,2	13,1	12,8	11,5	10,9	10,1	9,3	9,5	9,8	13,2
5	12,1	12,7	12,1	11,8	11,2	10,2	9,3	9,5	9,8	10,1
10	11,8	12,3	12,2	11,8	11,2	10,5	9,2	9,5	9,8	9,9
20	11,7	12,2	12,3	12,0	11,4	11,0	9,3	9,6	9,8	10,0
30	11,6	12,0	11,8	11,6	11,6	11,0	9,3	9,7	9,7	9,9
40	11,6	11,7	11,6	11,5	11,1	11,0	9,4	9,6	9,7	9,9
50	11,6	11,7	11,5	11,4	10,5	10,7	9,7	9,6	9,7	9,8

Salinidad (psu)										
Cruceros	28-dic-08	27-feb-09	22-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	28,2	25,3	28,3	26,5	27,5	27,2	28,3	28,9	29,2	25,1
5	28,2	26,2	28,8	28,0	27,9	27,6	28,9	28,9	29,6	28,2
10	29,4	27,5	29,1	28,7	27,9	28,0	29,0	29,1	29,6	28,7
20	30,0	29,3	30,0	29,4	28,7	29,6	29,3	29,4	29,7	29,5
30	30,2	29,9	30,6	30,2	29,7	30,1	29,7	29,6	30,3	30,1
40	30,3	30,4	31,0	30,5	30,6	30,3	30,5	30,3	31,1	30,4
50	30,6	30,5	31,4	30,8	32,1	31,3	32,3	31,3	32,7	30,6

Sigma-t (kg·m ⁻³)										
Cruceros	28-dic-08	27-feb-09	22-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	21,3	18,9	21,3	20,1	21,0	20,9	21,9	22,3	22,5	18,7
5	21,3	19,6	21,8	21,2	21,2	21,2	22,4	22,3	22,8	21,7
10	22,3	20,7	22,0	21,8	21,3	21,4	22,5	22,4	22,9	22,1
20	22,8	22,2	22,7	22,3	21,9	22,7	22,7	22,8	23,0	22,7
30	22,9	22,8	23,3	23,0	22,7	23,1	23,1	22,9	23,4	23,3
40	23,0	23,2	23,8	23,3	23,5	23,3	23,7	23,5	24,2	23,5
50	23,3	23,4	24,1	23,6	24,8	24,2	25,1	24,4	25,4	23,8

Oxígeno (mg/l)										
Cruceros	7-dic-08	27-feb-09	22-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	S/I	9,1	8,9	8,8	6,7	8,5	10,9	9,6	11,9	12,5
5	S/I	8,9	9,0	8,8	6,5	8,7	10,8	9,8	11,8	12,4
10	S/I	8,5	7,9	8,0	6,4	8,4	10,7	9,8	11,7	10,2
20	S/I	7,4	7,4	7,3	6,2	7,6	10,6	10,0	11,4	9,7
30	S/I	7,0	6,9	7,1	6,2	8,0	10,4	9,7	11,1	9,4
40	S/I	6,6	6,5	6,9	6,1	7,3	10,2	9,7	10,4	9,2
50	S/I	6,2	6,3	6,7	5,4	7,2	9,5	9,1	9,5	8,6

Anexo 79 (continuaci3n)

Estaci3n A44: Canal Carrera del Chivato

Temperatura (°C)										
Cruceros	28-dic-08	27-feb-09	22-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	12,6	13,5	12,9	11,7	10,7	9,8	9,2	9,7	9,9	12,5
5	12,5	13,5	12,6	11,9	10,9	10,3	9,3	9,5	9,8	12,2
10	12,4	13,0	12,3	11,9	11,1	10,4	9,3	9,5	9,8	11,5
20	12,2	12,4	12,3	12,1	11,5	10,9	9,3	9,5	9,8	10,0
30	12,2	12,2	12,2	12,0	11,6	11,0	9,3	9,5	9,7	9,9
40	*	*	*	*	*	*	*	*	*	*
50	*	*	*	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	28-dic-08	27-feb-09	22-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	28,6	25,4	28,2	26,6	26,9	26,5	27,6	28,6	28,7	26,3
5	28,6	25,7	28,5	27,2	27,2	27,8	28,7	28,8	28,7	26,3
10	29,0	27,1	28,8	27,5	27,6	27,9	29,0	29,0	29,1	26,8
20	29,6	28,4	29,4	28,5	28,5	29,0	29,3	29,1	29,3	28,6
30	29,8	29,2	30,1	29,0	29,2	29,4	29,7	29,4	29,4	29,1
40	*	*	*	*	*	*	*	*	*	*
50	*	*	*	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	28-dic-08	27-feb-09	22-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	21,5	18,8	21,1	20,1	20,5	20,3	21,3	22,0	22,1	19,7
5	21,5	19,1	21,5	20,6	20,7	21,3	22,1	22,2	22,1	19,8
10	21,9	20,4	21,8	20,8	21,0	21,4	22,4	22,4	22,4	20,4
20	22,4	21,5	22,3	21,6	21,7	22,2	22,7	22,5	22,6	22,1
30	22,5	22,1	22,9	22,0	22,3	22,6	23,1	22,8	22,8	22,5
40	*	*	*	*	*	*	*	*	*	*
50	*	*	*	*	*	*	*	*	*	*

Oxígeno (mg/l)										
Cruceros	7-dic-08	27-feb-09	22-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	S/I	9,1	9,4	8,4	6,8	8,5	10,8	10,2	11,9	12,1
5	S/I	9,3	9,6	8,6	6,7	8,1	10,8	10,6	12,4	12,0
10	S/I	9,2	8,4	8,6	6,6	8,1	10,7	10,4	12,4	11,8
20	S/I	8,2	7,5	8,1	6,4	7,6	10,3	9,9	11,6	9,5
30	S/I	7,3	6,7	7,7	6,2	7,3	10,0	9,9	11,2	8,1
40	S/I	*	*	*	*	*	*	*	*	*
50	S/I	*	*	*	*	*	*	*	*	*

Anexo 79 (continuación)

Estación A45: Canal Rodríguez

Temperatura (°C)										
Cruceros	22-dic-08	27-feb-09	25-mar-09	14-abr-09	16-may-09	10-jun-09	10-sep-09	4-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	12,3	14,0	12,7	11,4	10,4	9,9	9,1	9,5	9,4	13,2
5	12,0	12,9	12,3	11,7	11,1	10,2	9,1	9,5	9,6	11,7
10	11,9	12,3	12,2	11,8	11,2	10,6	9,1	9,5	9,6	10,5
20	10,7	12,0	11,9	11,9	11,4	11,0	9,2	9,5	9,7	10,0
30	11,4	11,9	11,7	11,9	11,6	11,1	9,3	9,5	9,7	9,9
40	11,8	11,8	11,6	11,9	11,7	11,2	9,3	9,5	9,7	9,8
50	11,9	11,5	11,5	11,9	11,7	11,2	9,4	9,5	9,7	9,7

Salinidad (psu)										
Cruceros	22-dic-08	27-feb-09	25-mar-09	14-abr-09	16-may-09	10-jun-09	10-sep-09	4-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	25,0	19,2	27,0	20,3	23,7	26,5	26,8	28,1	27,1	21,5
5	29,7	24,3	28,1	27,1	26,8	26,9	27,1	28,4	27,9	24,0
10	30,0	27,4	29,0	28,5	27,8	27,9	27,8	28,7	28,2	27,4
20	30,3	29,0	30,2	29,7	28,9	29,7	28,6	28,8	28,8	28,6
30	30,3	29,8	30,9	30,0	29,8	30,3	29,0	29,0	29,8	29,3
40	30,4	30,2	31,1	30,3	30,5	30,8	29,4	29,2	30,0	30,3
50	30,5	30,8	31,2	30,7	30,9	30,9	29,7	29,4	30,4	30,6

Sigma-t (kg·m ⁻³)										
Cruceros	22-dic-08	27-feb-09	25-mar-09	14-abr-09	16-may-09	10-jun-09	10-sep-09	4-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	18,8	14,0	20,2	15,3	18,1	20,4	20,7	21,6	20,9	15,9
5	22,5	18,1	21,2	20,5	20,4	20,7	20,9	21,9	21,5	18,2
10	22,7	20,7	21,9	21,6	21,2	21,4	21,5	22,2	21,8	21,0
20	23,0	22,0	23,0	22,6	22,1	22,7	22,2	22,3	22,3	22,0
30	23,1	22,7	23,6	22,9	22,8	23,2	22,5	22,5	23,1	22,7
40	23,1	23,1	23,8	23,2	23,3	23,7	22,9	22,7	23,3	23,5
50	23,1	23,7	24,0	23,5	23,7	23,8	23,1	22,9	23,6	23,8

Oxígeno (mg/l)										
Cruceros	7-dic-08	27-feb-09	25-mar-09	14-abr-09	16-may-09	10-jun-09	10-sep-09	4-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	S/I	8,5	9,3	8,4	7,0	8,5	11,0	9,3	12,4	11,7
5	S/I	9,0	8,9	8,5	6,7	8,2	11,0	9,3	12,5	12,6
10	S/I	12,0	8,2	8,5	6,5	8,1	10,9	9,2	12,6	12,1
20	S/I	7,1	7,2	7,5	6,2	8,0	10,6	8,9	12,2	10,2
30	S/I	6,4	6,5	7,2	5,9	8,0	10,3	9,0	11,5	9,3
40	S/I	6,0	6,2	7,0	5,6	7,7	10,1	8,8	11,0	8,5
50	S/I	8,1	6,0	6,8	5,3	8,0	9,9	8,7	10,4	8,1

Anexo 79 (continuación)

Estación A46: Isla Churrecue

Temperatura (°C)										
Cruceros	22-dic-08	27-feb-09	25-mar-09	14-abr-09	16-may-09	10-jun-09	10-sep-09	4-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	12,1	13,2	12,7	11,4	10,8	10,2	9,3	9,5	9,5	13,2
5	12,2	13,1	12,4	11,7	10,9	10,3	9,1	9,5	9,6	11,1
10	12,1	12,1	12,3	11,8	10,9	10,4	9,1	9,5	9,6	10,2
20	12,1	11,8	12,0	11,9	11,4	10,8	9,2	9,5	9,6	9,9
30	11,9	11,8	11,7	11,9	11,4	11,1	9,3	9,5	9,7	9,8
40	11,5	11,7	11,7	11,9	11,2	11,2	9,3	9,5	9,7	9,7
50	11,6	11,6	*	11,9	11,1	11,2	9,3	9,5	9,7	9,7

Salinidad (psu)										
Cruceros	22-dic-08	27-feb-09	25-mar-09	14-abr-09	16-may-09	10-jun-09	10-sep-09	4-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	28,5	23,0	27,2	20,0	26,4	26,8	26,4	28,1	27,7	22,0
5	29,6	24,0	27,8	27,4	27,4	26,9	26,8	28,4	28,2	25,6
10	29,8	27,8	28,4	28,8	27,5	27,3	27,4	28,7	28,3	27,7
20	30,2	30,1	29,8	30,0	28,6	28,7	28,7	28,8	29,4	29,1
30	30,3	30,3	30,9	30,3	29,7	30,5	29,1	28,9	29,9	30,0
40	30,7	30,6	30,9	30,7	30,4	30,8	29,3	29,2	30,4	30,5
50	31,0	30,8	*	31,0	30,6	31,1	29,4	29,4	30,7	30,7

Sigma-t (kg·m ⁻³)										
Cruceros	22-dic-08	27-feb-09	25-mar-09	14-abr-09	16-may-09	10-jun-09	10-sep-09	4-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	21,5	17,1	20,4	15,1	20,1	20,5	20,4	21,7	21,3	16,3
5	22,4	17,9	21,0	20,8	20,9	20,7	20,7	21,9	21,7	19,5
10	22,5	21,0	21,5	21,9	21,0	20,9	21,2	22,1	21,8	21,3
20	22,9	22,9	22,6	22,8	21,8	22,0	22,2	22,3	22,8	22,4
30	23,0	23,1	23,6	23,1	22,7	23,4	22,6	22,4	23,2	23,2
40	23,3	23,4	23,7	23,4	23,3	23,7	22,8	22,7	23,6	23,7
50	23,6	23,6	*	23,7	23,6	23,9	22,9	22,9	23,8	23,9

Oxígeno (mg/l)										
Cruceros	7-dic-08	27-feb-09	25-mar-09	14-abr-09	16-may-09	10-jun-09	10-sep-09	4-oct-09	9-nov-09	7-dic-09
Prof (m)										
0	S/I	8,3	9,2	8,7	6,7	S/I	11,3	9,3	11,9	11,8
5	S/I	8,2	9,3	8,5	6,7	S/I	11,1	9,4	12,6	12,3
10	S/I	7,8	8,5	7,7	6,7	S/I	11,0	9,2	12,6	12,0
20	S/I	6,5	7,5	6,9	6,5	S/I	10,5	9,0	12,2	9,6
30	S/I	6,0	6,7	6,6	6,3	S/I	10,2	8,9	11,5	8,9
40	S/I	5,9	6,3	6,3	6,0	S/I	10,1	8,8	10,9	8,5
50	S/I	5,8	*	6,0	5,8	S/I	10,0	8,7	10,3	8,3

Anexo 79 (continuación)

Estación A47: Isla Castillo

Temperatura (°C)										
Cruceros	28-dic-08	27-feb-09	23-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	12,6	14,0	12,5	11,6	10,7	9,9	9,3	9,6	9,9	14,0
5	12,2	13,0	12,5	11,7	10,7	10,2	9,3	9,6	9,8	11,7
10	12,4	12,6	12,1	11,8	11,2	10,7	9,3	9,6	9,8	10,5
20	12,1	12,3	12,1	12,0	11,6	11,0	9,3	9,4	9,7	9,9
30	12,2	12,2	12,3	12,1	11,7	11,1	9,3	9,4	9,6	9,8
40	*	*	*	*	*	*	*	*	*	*
50	*	*	*	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	28-dic-08	27-feb-09	23-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	28,5	23,7	27,7	26,2	26,6	26,7	27,3	27,8	28,4	26,4
5	28,5	25,2	27,7	26,9	26,7	27,2	28,2	28,4	28,6	26,8
10	29,0	27,4	28,4	27,4	27,5	27,9	28,7	28,8	28,8	27,7
20	29,6	28,7	29,2	28,6	28,7	29,2	29,2	29,2	29,2	28,8
30	30,1	29,6	30,2	29,6	29,5	30,0	29,4	29,5	29,6	29,4
40	*	*	*	*	*	*	*	*	*	*
50	*	*	*	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	28-dic-08	27-feb-09	23-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	21,5	17,5	20,8	19,9	20,3	20,5	21,1	21,4	21,8	19,6
5	21,5	18,9	20,8	20,3	20,4	20,9	21,8	21,9	22,0	20,3
10	21,9	20,6	21,5	20,8	21,0	21,3	22,2	22,2	22,2	21,2
20	22,4	21,8	22,1	21,7	21,8	22,3	22,6	22,6	22,6	22,2
30	22,8	22,5	23,0	22,5	22,5	23,0	22,8	22,9	22,9	22,8
40	*	*	*	*	*	*	*	*	*	*
50	*	*	*	*	*	*	*	*	*	*

Oxígeno (mg/l)										
Cruceros	7-dic-08	27-feb-09	23-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	S/I	9,1	8,7	8,8	7,0	8,6	11,3	10,3	11,8	12,2
5	S/I	10,0	9,0	9,0	6,9	8,3	11,2	10,6	12,4	13,2
10	S/I	8,9	8,3	8,6	6,8	7,7	11,0	10,7	12,2	12,8
20	S/I	7,8	7,2	8,0	6,5	7,3	10,4	10,2	11,6	9,3
30	S/I	7,2	6,7	7,3	6,3	6,9	10,2	9,6	10,9	8,3
40	S/I	*	*	*	*	*	*	*	*	*
50	S/I	*	*	*	*	*	*	*	*	*

Anexo 79 (continuación)

Estación A48: Isla Palumbo

Temperatura (°C)										
Cruceros	28-dic-08	27-feb-09	23-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	12,9	15,3	13,3	12,5	10,3	9,5	9,5	10,4	10,5	13,7
5	12,6	13,0	13,3	12,2	11,4	10,7	9,3	9,5	10,3	11,0
10	12,5	12,7	12,6	12,1	11,6	10,9	9,2	9,4	9,9	10,4
20	11,9	12,4	12,5	12,2	11,8	11,6	9,2	9,4	9,7	9,9
30	11,8	12,2	12,4	12,3	12,1	11,4	9,6	9,4	9,7	9,8
40	11,9	12,0	12,3	12,3	12,1	11,4	9,7	9,5	9,6	10,0
50	12,1	11,7	12,3	12,3	12,2	11,8	9,7	9,5	9,7	9,8

Salinidad (psu)										
Cruceros	28-dic-08	27-feb-09	23-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	28,4	23,8	25,3	23,0	23,6	24,7	25,0	26,5	25,7	25,3
5	28,6	26,6	27,2	26,9	27,4	26,9	26,8	28,2	27,6	26,8
10	28,7	27,9	28,7	27,6	27,8	27,3	27,8	28,4	28,5	27,4
20	29,1	29,1	29,0	28,4	28,3	28,1	28,5	28,6	28,8	28,5
30	29,3	29,3	29,2	28,7	28,6	28,4	28,8	28,8	28,9	28,8
40	29,6	29,6	29,3	28,9	28,8	28,6	29,0	28,9	29,0	28,9
50	29,5	29,6	29,5	29,3	29,1	29,1	29,1	29,0	29,1	29,2

Sigma-t (kg·m ⁻³)										
Cruceros	28-dic-08	27-feb-09	23-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	21,3	17,3	18,9	17,2	18,0	19,0	19,3	20,2	19,6	18,8
5	21,5	19,9	20,3	20,3	20,9	20,5	20,7	21,8	21,1	20,4
10	21,6	21,0	21,6	20,8	21,1	20,9	21,5	21,9	22,0	21,0
20	22,0	22,0	21,9	21,5	21,5	21,4	22,0	22,2	22,2	22,0
30	22,2	22,3	22,1	21,8	21,7	21,7	22,3	22,3	22,4	22,3
40	22,3	22,6	22,3	22,0	21,9	21,9	22,5	22,5	22,5	22,4
50	22,3	22,7	22,5	22,3	22,2	22,3	22,6	22,5	22,6	22,7

Oxígeno (mg/l)										
Cruceros	7-dic-08	27-feb-09	23-mar-09	14-abr-09	16-may-09	10-jun-09	12-sep-09	10-oct-09	15-nov-09	7-dic-09
Prof (m)										
0	S/I	10,4	8,6	9,1	7,1	8,9	14,2	10,8	12,1	12,0
5	S/I	10,5	9,1	9,7	6,7	7,9	14,0	11,3	12,7	12,7
10	S/I	9,2	7,7	8,7	6,4	7,4	13,5	10,4	12,8	13,1
20	S/I	7,4	6,1	7,6	6,2	7,2	11,6	9,6	11,7	8,9
30	S/I	6,5	6,1	6,4	5,7	6,5	10,7	9,1	10,9	8,0
40	S/I	6,0	5,5	6,1	5,2	6,1	9,8	8,9	10,2	7,6
50	S/I	5,6	5,4	6,2	5,3	6,0	9,6	8,7	9,9	7,7

Anexo 79 (continuación)

Estación A49: Canal Darwin

Temperatura (°C)										
Cruceros	28-dic-08	27-feb-09	23-mar-09	14-abr-09	17-may-09	10-jun-09	12-sep-09	10-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	12,4	14,2	12,5	12,0	11,0	10,0	9,5	9,6	9,7	11,4
5	12,4	12,7	12,5	11,7	11,0	10,5	9,4	9,6	9,6	11,1
10	12,4	12,4	12,4	11,8	11,5	10,7	9,3	9,6	9,6	10,8
20	12,3	12,3	12,4	12,0	11,7	10,7	9,3	9,5	9,6	10,1
30	12,5	12,4	12,6	12,0	11,6	10,7	9,3	9,5	9,6	10,0
40	12,3	12,3	12,7	12,1	11,6	10,7	9,3	9,4	9,6	10,1
50	12,2	12,2	12,7	12,1	11,6	10,7	9,3	9,5	9,7	10,1
75	*	11,7	*	11,9	11,6	10,7	9,3	9,5	9,7	10,2
100	*	11,7	*	*	*	10,7	9,3	9,6	9,7	10,0

Salinidad (psu)										
Cruceros	28-dic-08	27-feb-09	23-mar-09	14-abr-09	17-may-09	10-jun-09	12-sep-09	10-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	29,1	24,7	27,3	26,4	27,4	26,6	27,9	28,6	28,4	27,4
5	29,1	27,2	28,4	26,7	27,4	27,5	28,5	28,6	28,7	28,1
10	29,1	27,9	28,7	27,0	28,2	28,5	28,5	28,7	28,8	28,1
20	29,8	28,8	28,8	28,7	29,0	29,5	29,2	29,0	29,2	29,6
30	31,0	29,1	29,9	29,0	29,8	29,5	29,4	29,4	29,4	30,1
40	31,2	29,5	31,1	29,9	30,3	30,0	29,8	29,7	29,7	30,2
50	31,2	29,8	31,4	30,1	30,7	30,5	30,1	29,9	30,0	30,3
75	*	31,3	*	31,1	31,3	31,1	30,6	30,7	30,8	30,7
100	*	31,4	*	*	*	31,3	31,0	31,1	31,1	31,3

Sigma-t (kg·m ⁻³)										
Cruceros	28-dic-08	27-feb-09	23-mar-09	14-abr-09	17-may-09	10-jun-09	12-sep-09	10-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	21,9	18,2	20,5	19,9	20,9	20,4	21,5	22,0	21,9	20,8
5	22,9	20,5	21,4	20,2	20,9	21,1	22,0	22,1	22,1	21,4
10	21,9	21,0	21,6	20,5	21,5	21,8	22,1	22,2	22,2	21,5
20	22,5	21,8	21,8	21,8	22,0	22,6	22,6	22,4	22,6	22,8
30	23,4	22,1	22,6	22,1	22,7	22,7	22,8	22,8	22,8	23,3
40	23,6	22,5	23,6	22,8	23,2	23,1	23,2	23,1	23,0	23,4
50	23,6	22,8	23,9	23,0	23,5	23,5	23,5	23,3	23,3	23,5
75	*	24,1	*	23,9	24,1	24,1	23,9	24,0	24,1	23,9
100	*	24,3	*	*	*	24,4	24,4	24,4	24,4	24,5

Oxígeno (mg/l)										
Cruceros	28-dic-08	27-feb-09	23-mar-09	14-abr-09	17-may-09	10-jun-09	12-sep-09	10-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	S/I	10,1	8,9	8,4	6,8	8,8	10,6	10,1	11,1	11,3
5	S/I	9,8	8,5	9,6	6,8	8,2	10,6	10,8	11,1	11,6
10	S/I	8,6	8,2	9,4	6,7	8,3	10,5	10,6	11,2	11,1
20	S/I	7,7	7,9	8,2	6,8	7,5	10,1	10,2	10,9	9,9
30	S/I	7,4	7,8	7,9	6,8	7,6	10,1	9,9	10,6	8,8
40	S/I	7,1	7,5	7,8	6,8	7,5	10,0	9,6	10,4	8,4
50	S/I	6,9	7,1	7,7	6,7	7,3	10,0	9,4	10,3	8,4
75	*	5,8	*	7,2	6,7	7,3	9,8	9,2	10,1	8,4
100	*	5,6	*	*	*	7,3	9,9	9,2	9,7	7,8

Anexo 79 (continuación)

Estación A50: Tronador

Temperatura (°C)										
Cruceros	29-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	13,2	13,2	12,7	11,8	10,3	10,3	8,7	9,7	9,8	13,1
5	12,3	12,6	12,5	11,6	10,3	10,4	9,1	9,6	9,7	11,0
10	12,1	12,5	12,2	11,6	10,5	10,5	9,1	9,5	9,6	10,4
20	12,1	12,2	12,0	11,7	11,0	10,8	9,3	9,5	9,6	10,0
30	12,2	11,9	12,0	11,8	11,2	10,9	9,3	9,5	9,6	9,8
40	12,2	11,9	11,8	11,8	11,5	11,0	9,3	9,5	9,6	9,8
50	12,2	11,7	11,8	11,8	11,8	*	9,4	9,5	9,6	9,7

Salinidad (psu)										
Cruceros	29-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	25,5	24,6	25,9	22,5	23,1	27,5	22,7	26,3	24,3	19,5
5	27,9	25,8	26,1	27,4	24,4	27,7	25,4	26,8	25,5	27,5
10	28,5	26,2	27,4	27,8	25,2	28,1	25,9	27,1	27,7	28,5
20	28,6	27,0	28,1	29,1	27,2	29,3	27,7	28,5	28,9	29,4
30	28,9	28,2	28,3	29,9	28,1	29,8	28,8	28,9	29,1	29,8
40	29,0	28,7	29,6	30,7	29,4	30,4	29,0	29,2	29,6	30,2
50	29,1	30,0	30,3	30,8	30,8	*	29,9	29,6	29,8	30,8

Sigma-t (kg·m ⁻³)										
Cruceros	29-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	19,0	18,4	19,4	17,0	17,7	21,1	17,6	20,2	18,6	14,4
5	21,0	19,4	19,6	20,8	18,7	21,2	19,6	20,7	19,6	21,0
10	21,5	19,8	20,7	21,1	19,3	21,6	20,1	20,9	21,4	21,8
20	21,6	20,4	21,3	22,1	20,8	22,5	21,5	22,1	22,3	22,6
30	21,8	21,4	21,6	22,8	21,5	22,9	22,4	22,4	22,6	23,0
40	21,9	21,9	22,6	23,4	22,5	23,4	22,5	22,7	23,0	23,5
50	22,0	23,0	23,2	23,6	23,6	*	23,3	23,1	23,2	23,9

Oxígeno (mg/l)										
Cruceros	7-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	13-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	S/I	9,9	9,0	8,7	8,1	7,6	11,5	10,8	11,1	10,5
5	S/I	10,3	8,9	8,3	8,1	7,5	11,4	10,8	11,6	11,0
10	S/I	9,5	8,6	7,7	8,0	7,4	11,4	10,8	11,4	10,5
20	S/I	8,5	7,6	7,4	7,7	6,5	11,0	9,9	10,8	9,1
30	S/I	7,4	7,3	7,0	7,3	6,3	10,6	9,6	10,3	8,4
40	S/I	6,8	6,8	6,8	7,0	6,3	10,4	9,3	9,9	8,0
50	S/I	6,4	6,4	6,7	6,7	*	10,2	9,1	9,7	7,7

Anexo 79 (continuaci3n)

Estaci3n A51: Canal Vicu1a

Temperatura (°C)										
Cruceros	28-dic-08	28-feb-09	23-mar-09	15-abr-09	17-may-09	11-jun-09	12-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	12,7	13,8	12,7	12,1	10,6	10,0	9,8	9,4	9,9	12,2
5	12,6	12,8	12,6	12,0	10,6	10,3	9,3	9,5	9,9	11,4
10	12,6	12,7	12,6	12,1	10,8	10,5	9,2	9,5	9,8	11,1
20	12,4	12,5	12,6	12,1	11,3	10,7	9,2	9,5	9,7	10,8
30	12,4	12,4	12,5	12,2	11,5	10,8	9,2	9,4	9,7	10,4
40	12,4	12,3	12,1	12,2	12,0	10,9	9,3	9,5	9,7	10,2
50	12,6	*	12,0	12,2	12,0	11,0	9,4	9,5	9,7	10,0

Salinidad (psu)										
Cruceros	28-dic-08	28-feb-09	23-mar-09	15-abr-09	17-may-09	11-jun-09	12-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	29,3	27,0	28,1	27,3	26,6	27,8	25,7	28,2	26,5	28,3
5	29,3	27,9	28,5	27,8	26,6	28,0	27,7	28,2	28,6	28,3
10	29,7	28,2	28,8	28,0	27,0	28,4	28,3	28,3	29,2	28,3
20	29,6	29,1	29,0	28,7	27,9	29,3	29,2	29,1	29,6	28,7
30	30,3	29,4	29,3	29,4	28,8	30,1	29,4	29,3	29,6	29,6
40	30,2	30,0	30,6	30,1	30,5	30,4	29,8	29,6	29,9	30,1
50	30,4	*	31,0	30,3	30,9	30,6	30,2	29,9	30,3	30,4

Sigma-t (kg·m ⁻³)										
Cruceros	28-dic-08	28-feb-09	23-mar-09	15-abr-09	17-may-09	11-jun-09	12-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	22,0	20,1	21,1	20,6	20,3	21,3	19,7	21,7	20,4	21,4
5	22,1	21,0	21,4	21,0	20,3	21,5	21,4	21,7	22,0	21,5
10	22,4	21,2	21,7	21,2	20,6	21,8	21,9	21,8	22,5	21,6
20	22,3	22,0	21,9	21,8	21,3	22,5	22,6	22,5	22,9	22,0
30	22,9	22,3	22,2	22,3	22,0	23,1	22,9	22,7	23,0	22,8
40	22,8	22,9	23,3	22,9	23,3	23,4	23,2	23,0	23,2	23,3
50	22,9	*	23,7	23,1	23,6	23,6	23,5	23,3	23,6	23,6

Ox1geno (mg/l)										
Cruceros	7-dic-08	28-feb-09	23-mar-09	15-abr-09	17-may-09	11-jun-09	12-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	S/I	8,0	8,3	8,2	7,4	8,1	10,8	10,5	12,0	12,2
5	S/I	7,9	8,1	8,2	7,3	8,2	11,1	10,5	12,1	12,1
10	S/I	7,7	8,0	8,3	7,4	7,9	10,8	10,5	12,0	11,4
20	S/I	7,2	7,7	8,1	7,4	7,7	10,7	10,3	11,2	10,5
30	S/I	6,9	7,5	7,9	7,2	7,3	10,3	9,7	10,6	9,6
40	S/I	6,6	6,8	7,5	6,8	7,1	10,2	9,5	10,4	9,1
50	S/I	*	6,3	7,2	6,5	7,0	9,8	9,3	10,2	8,3

Anexo 79 (continuaci3n)

Estaci3n A52: Colonia Grande

Temperatura (°C)										
Cruceros	29-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	12-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	12,0	12,3	12,1	11,8	9,8	10,5	8,9	9,5	9,6	12,7
5	12,5	12,2	12,0	11,7	10,7	10,5	9,0	9,5	9,6	12,0
10	12,2	12,2	12,0	11,6	10,8	10,6	9,2	9,5	9,6	11,7
20	12,0	12,1	11,9	11,7	11,2	10,7	9,2	9,5	9,6	10,5
30	12,1	12,0	11,9	11,7	11,3	10,8	9,3	9,5	9,6	10,0
40	11,8	11,8	11,9	11,6	11,5	10,9	9,3	9,5	9,6	*
50	12,0	11,4	11,9	11,6	11,5	11,0	9,4	9,6	9,6	*

Salinidad (psu)										
Cruceros	29-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	12-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	28,7	26,9	27,5	25,0	19,4	28,4	25,1	27,8	27,0	23,4
5	28,8	27,0	27,4	26,3	26,0	28,5	25,8	27,9	27,0	25,1
10	28,9	27,1	27,7	27,8	26,5	28,7	26,9	28,4	27,2	25,9
20	29,2	27,3	28,3	29,3	28,2	28,9	27,7	29,0	28,4	28,6
30	29,5	27,9	28,5	30,7	29,0	29,3	28,3	29,4	28,6	29,7
40	29,8	28,9	28,7	31,0	30,9	29,6	28,6	29,8	28,7	*
50	30,2	30,5	28,8	31,1	31,2	30,3	29,5	30,6	28,9	*

Sigma-t (kg·m ⁻³)										
Cruceros	29-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	12-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	21,7	20,3	20,8	18,9	14,8	21,8	19,4	21,4	20,8	17,5
5	21,7	20,3	20,7	20,0	19,9	21,8	19,9	21,5	20,8	18,9
10	21,8	20,5	21,0	21,1	20,2	22,0	20,8	22,0	20,9	19,6
20	22,1	20,7	21,5	22,3	21,5	22,2	21,5	22,5	22,0	22,0
30	22,3	21,2	21,7	23,4	22,2	22,5	22,0	22,8	22,2	22,9
40	22,6	22,1	21,9	23,8	23,7	22,8	22,3	23,2	22,3	*
50	22,9	23,4	22,0	23,9	24,0	23,4	23,0	23,8	22,5	*

Oxígeno (mg/l)										
Cruceros	7-dic-08	1-mar-09	25-mar-09	16-abr-09	19-may-09	12-jun-09	14-sep-09	12-oct-09	17-nov-09	9-dic-09
Prof (m)										
0	S/I	8,3	8,0	8,2	8,4	7,6	11,2	8,7	10,9	10,5
5	S/I	8,2	7,5	8,2	7,6	7,3	11,1	10,0	10,8	10,9
10	S/I	7,9	7,4	7,7	7,4	7,1	11,1	9,9	10,8	11,1
20	S/I	7,5	7,3	7,3	7,0	6,8	10,7	9,5	10,5	10,1
30	S/I	7,1	7,0	6,7	6,7	6,6	10,7	9,3	10,3	8,8
40	S/I	6,7	6,9	6,5	6,4	6,4	10,4	8,9	10,1	*
50	S/I	6,2	6,9	6,3	6,1	6,0	10,1	8,8	10,0	*

Anexo 79 (continuación)

Estación A53: Canal Chacabuco

Temperatura (°C)										
Cruceros	29-dic-08	28-feb-09	24-mar-09	15-abr-09	18-may-09	11-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	11,9	13,7	12,5	12,1	10,5	10,5	9,2	9,6	9,9	11,4
5	11,9	13,2	12,5	12,0	10,5	10,5	9,2	9,5	9,9	10,7
10	11,9	12,8	12,4	12,0	10,6	10,5	9,2	9,5	9,9	10,6
20	12,1	12,5	12,5	11,9	11,3	10,6	9,2	9,5	9,8	10,5
30	12,1	12,5	12,5	12,2	11,8	10,7	9,2	9,6	9,8	10,4
40	12,1	12,5	*	*	*	10,9	*	9,5	9,8	10,4
50	*	*	*	*	*	10,9	*	9,5	9,8	*

Salinidad (psu)										
Cruceros	29-dic-08	28-feb-09	24-mar-09	15-abr-09	18-may-09	11-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	29,0	25,5	28,0	27,1	26,0	28,0	28,0	27,5	28,5	27,6
5	29,1	26,5	28,1	27,4	26,0	28,1	28,0	27,7	28,6	28,7
10	29,0	27,2	28,2	27,5	26,1	28,1	28,0	27,8	28,6	28,7
20	29,7	28,2	28,3	28,2	28,2	28,4	28,0	28,1	28,8	28,9
30	29,6	29,9	29,6	28,9	29,9	29,3	28,5	28,7	29,1	29,0
40	29,7	30,0	*	*	*	31,1	*	29,1	29,3	29,3
50	*	*	*	*	*	31,1	*	29,6	29,5	*

Sigma-t (kg·m ⁻³)										
Cruceros	29-dic-08	28-feb-09	24-mar-09	15-abr-09	18-may-09	11-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	22,0	18,9	21,1	20,4	19,9	21,4	21,6	21,2	21,9	20,9
5	22,0	19,8	21,2	20,7	19,9	21,5	21,6	21,3	22,0	22,0
10	22,0	20,5	21,2	20,8	20,0	21,5	21,7	21,4	22,0	22,0
20	23,0	21,4	21,4	21,4	21,5	21,8	21,7	21,7	22,3	22,2
30	22,4	22,7	22,4	22,0	22,8	22,5	22,1	22,2	22,5	22,4
40	23,0	22,8	*	*	*	23,9	*	22,6	22,7	22,6
50	*	*	*	*	*	24,0	*	23,0	22,9	*

Oxígeno (mg/l)										
Cruceros	7-dic-08	28-feb-09	24-mar-09	15-abr-09	18-may-09	11-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	S/I	9,3	7,8	8,0	7,8	8,1	10,9	9,8	11,1	10,1
5	S/I	9,6	7,7	8,0	7,6	7,9	9,9	9,7	11,6	10,1
10	S/I	9,2	7,8	8,1	7,6	7,9	10,3	9,5	11,6	9,9
20	S/I	8,3	7,8	8,0	7,5	7,8	10,5	9,8	11,3	9,5
30	S/I	7,5	7,5	8,1	7,4	7,3	10,5	9,7	10,8	9,3
40	S/I	7,2	*	*	*	7,7	*	9,6	10,6	9,1
50	S/I	*	*	*	*	7,9	*	9,5	10,5	*

Anexo 79 (continuación)

Estación A54: Isla Rojas-Paso Tres Cruces

Temperatura (°C)										
Cruceros	29-dic-08	28-feb-09	24-mar-09	15-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	11,8	12,7	12,1	11,7	10,3	10,5	9,2	9,8	9,8	12,9
5	11,9	12,4	12,1	11,6	10,3	10,5	9,3	9,6	9,8	11,4
10	11,9	12,3	12,1	11,6	10,6	10,5	9,3	9,5	9,7	10,7
20	11,7	12,2	12,1	11,7	11,0	10,6	9,3	9,5	9,7	10,4
30	11,8	12,2	12,1	11,8	11,2	10,6	9,3	9,5	9,7	10,4
40	*	*	*	11,9	11,3	10,6	9,3	9,5	9,7	10,4
50	*	*	*	11,8	11,2	*	9,3	9,5	9,7	10,3

Salinidad (psu)										
Cruceros	29-dic-08	28-feb-09	24-mar-09	15-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	28,8	27,1	28,1	27,1	26,2	27,9	27,4	28,1	28,4	28,3
5	28,9	27,6	28,2	27,3	26,2	28,1	28,0	28,2	28,5	28,7
10	29,0	27,8	28,2	27,7	26,6	28,2	28,2	28,3	28,9	28,7
20	29,1	27,9	28,2	28,0	27,6	28,3	28,7	28,6	28,9	28,8
30	29,2	27,8	28,2	28,2	27,8	28,3	28,7	28,8	28,9	28,9
40	*	*	*	28,3	27,9	28,3	28,8	28,8	28,9	28,9
50	*	*	*	28,3	27,9	*	28,8	28,8	28,9	29,0

Sigma-t (kg·m ⁻³)										
Cruceros	29-dic-08	28-feb-09	24-mar-09	15-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	21,8	20,4	21,2	20,5	20,0	21,4	21,1	21,6	21,9	21,2
5	21,9	20,8	21,3	20,7	20,1	21,5	21,6	21,7	22,0	21,8
10	22,0	21,0	21,3	21,0	20,3	21,6	21,8	21,8	22,3	21,9
20	22,1	21,1	21,4	21,3	21,1	21,7	22,2	22,2	22,3	22,1
30	22,4	21,1	21,4	21,5	21,3	21,8	22,3	22,3	22,4	22,2
40	*	*	*	21,6	21,4	21,8	22,4	22,4	22,4	22,3
50	*	*	*	21,7	21,4	*	22,4	22,4	22,5	22,5

Oxígeno (mg/l)										
Cruceros	7-dic-08	28-feb-09	24-mar-09	15-abr-09	18-may-09	12-jun-09	13-sep-09	11-oct-09	16-nov-09	8-dic-09
Prof (m)										
0	S/I	8,1	7,5	7,9	7,8	8,3	13,5	10,2	11,0	10,8
5	S/I	7,9	7,2	7,7	7,7	8,1	9,9	9,7	11,1	12,0
10	S/I	7,7	7,3	7,6	7,7	7,5	10,5	9,8	11,2	11,0
20	S/I	7,3	7,2	7,7	7,3	7,0	10,4	10,0	10,6	9,6
30	S/I	7,2	7,4	7,4	7,0	6,9	10,1	9,7	10,4	9,1
40	S/I	*	*	7,1	6,8	6,9	9,8	9,4	10,3	8,9
50	S/I	*	*	6,8	6,7	*	10,0	9,4	10,3	8,8

Anexo 79 (continuaci3n)

Estaci3n A55: Isla Orlebar

Temperatura (°C)										
Cruceros	1-dic-08	30-ene-09	31-mar-09	10-may-09	31-may-09	12-jul-09	28-sep-09	1-nov-09	23-nov-09	17-dic-09
Prof (m)										
0	13,6	12,5	9,5	7,3	7,1	7,4	7,1	8,2	9,3	12,5
5	12,0	12,9	9,6	8,0	8,4	7,9	7,7	8,6	9,1	11,6
10	11,7	13,0	10,2	10,3	9,6	8,8	8,2	8,7	9,2	10,0
20	11,1	12,9	12,9	12,0	9,9	9,4	8,3	8,9	9,2	9,7
30	11,0	12,6	13,1	12,5	10,2	10,0	8,8	8,9	9,2	9,6
40	11,0	11,4	12,6	12,2	11,1	10,4	9,1	9,3	9,2	9,4
50	10,8	10,4	11,6	12,1	10,9	10,6	*	9,8	9,4	9,4

Salinidad (psu)										
Cruceros	1-dic-08	30-ene-09	31-mar-09	10-may-09	31-may-09	12-jul-09	28-sep-09	1-nov-09	23-nov-09	17-dic-09
Prof (m)										
0	10,7	20,3	8,5	7,8	10,7	24,5	11,6	23,8	14,6	21,3
5	19,7	24,5	10,1	11,1	19,5	25,5	20,9	27,1	16,4	26,4
10	21,5	25,6	25,4	24,6	28,9	28,8	29,1	28,8	27,4	29,3
20	30,1	26,4	31,0	30,2	31,1	31,0	30,5	30,9	30,8	30,4
30	30,1	27,8	33,7	32,2	33,1	31,6	31,3	31,5	31,2	31,8
40	31,0	29,4	34,9	32,5	33,2	32,0	31,7	32,0	31,8	32,5
50	34,0	30,8	36,0	32,7	34,2	32,5	*	32,8	32,6	32,9

Sigma-t (kg·m ⁻³)										
Cruceros	1-dic-08	30-ene-09	31-mar-09	10-may-09	31-may-09	12-jul-09	28-sep-09	1-nov-09	23-nov-09	17-dic-09
Prof (m)										
0	7,6	15,1	6,4	6,0	10,7	19,1	9,0	18,4	11,2	15,9
5	14,7	18,3	7,6	8,6	14,7	19,9	16,3	21,0	12,6	20,0
10	16,2	19,1	19,5	18,8	21,6	22,3	22,7	22,4	21,2	22,5
20	22,9	19,8	23,4	23,0	24,0	24,0	23,8	24,0	23,9	23,5
30	23,0	20,9	25,5	24,4	25,4	24,4	24,4	24,5	24,2	24,7
40	23,6	22,4	26,5	24,8	25,2	24,8	24,7	24,9	24,8	25,3
50	26,0	23,6	27,7	25,0	26,2	25,1	*	25,5	25,4	25,6

Oxígeno (mg/l)										
Cruceros	7-dic-08	30-ene-09	31-mar-09	10-may-09	31-may-09	12-jul-09	28-sep-09	1-nov-09	23-nov-09	17-dic-09
Prof (m)										
0	S/I	S/I	8,4	8,3	S/I	7,2	13,6	11,7	12,0	9,5
5	S/I	S/I	8,2	8,0	S/I	7,0	13,0	12,7	12,0	9,7
10	S/I	S/I	7,5	7,2	S/I	7,3	12,2	12,8	11,6	9,9
20	S/I	S/I	6,8	6,5	S/I	8,4	12,0	12,2	11,3	9,4
30	S/I	S/I	6,7	6,7	S/I	7,9	11,3	11,6	11,0	9,5
40	S/I	S/I	6,6	6,0	S/I	7,5	10,9	11,0	10,8	8,9
50	S/I	S/I	6,3	5,8	S/I	7,3	*	10,2	10,4	8,2

Anexo 79 (continuación)

Estación A56: Isla Alert - Roca Lobo

Temperatura (°C)										
Cruceros	1-dic-08	30-ene-09	31-mar-09	10-may-09	31-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	14,9	12,7	9,7	7,5	7,5	7,4	7,5	8,4	9,2	11,8
5	13,0	13,1	9,9	9,4	8,1	7,7	8,0	8,7	9,1	11,2
10	11,8	13,1	9,9	9,8	9,2	8,8	8,2	8,7	9,1	11,2
20	11,1	13,0	13,1	12,0	9,5	9,8	8,3	8,8	9,2	10,2
30	10,9	12,9	13,2	12,4	10,6	10,3	8,5	8,8	9,2	9,8
40	10,9	11,0	12,6	12,4	10,9	10,6	9,1	9,1	9,2	9,5
50	10,6	10,4	11,5	12,3	10,2	10,2	9,2	9,5	9,4	9,3

Salinidad (psu)										
Cruceros	1-dic-08	30-ene-09	31-mar-09	10-may-09	31-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	10,4	24,3	8,2	9,1	16,2	24,8	14,2	26,0	14,7	23,7
5	17,7	26,0	14,2	22,6	21,3	25,2	26,0	27,9	26,3	29,0
10	24,3	26,7	22,8	23,9	29,0	28,9	29,3	29,1	30,3	30,5
20	28,2	27,0	31,6	30,1	30,3	31,2	30,4	30,8	30,7	30,8
30	29,8	27,6	33,8	32,1	33,1	31,9	31,0	31,4	31,2	31,6
40	31,0	30,2	34,8	32,5	34,1	32,2	32,0	31,9	31,6	32,2
50	22,3	30,4	36,0	32,7	34,3	32,4	32,4	32,7	32,7	32,8

Sigma-t (kg·m ⁻³)										
Cruceros	1-dic-08	30-ene-09	31-mar-09	10-may-09	31-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	7,3	18,2	6,1	7,0	12,5	19,4	11,1	20,2	11,3	17,9
5	13,0	19,4	10,8	17,4	16,3	19,7	20,2	21,6	20,3	22,1
10	18,3	20,0	17,5	18,4	21,6	22,4	22,8	22,6	23,5	23,3
20	21,5	20,2	23,8	22,9	23,2	24,1	23,7	23,9	23,9	23,7
30	22,8	20,7	25,6	24,4	25,4	24,6	24,2	24,5	24,2	24,5
40	23,7	23,0	26,5	24,7	26,2	24,9	24,9	24,8	24,6	25,0
50	25,5	23,3	27,7	25,0	26,2	25,1	25,3	25,5	25,5	25,6

Oxígeno (mg/l)										
Cruceros	7-dic-08	30-ene-09	31-mar-09	10-may-09	31-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	S/I	S/I	9,4	8,2	S/I	7,5	13,4	7,7	12,6	10,1
5	S/I	S/I	9,3	7,4	S/I	7,3	12,4	12,5	11,8	10,1
10	S/I	S/I	8,9	7,2	S/I	7,0	12,0	12,7	11,7	10,1
20	S/I	S/I	8,0	7,0	S/I	7,6	11,4	12,1	11,4	10,1
30	S/I	S/I	7,9	6,3	S/I	8,0	11,6	11,7	11,3	9,9
40	S/I	S/I	7,6	6,1	S/I	7,7	11,3	11,3	11,2	9,4
50	S/I	S/I	7,1	6,1	S/I	7,5	10,3	10,6	10,4	8,8

Anexo 79 (continuaci3n)

Estaci3n A57: Isla Scout

Temperatura (°C)										
Cruceros	1-dic-08	28-ene-09	31-mar-09	9-may-09	31-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	15,2	13,1	9,6	8,3	7,1	7,8	7,9	8,5	9,2	11,8
5	13,0	13,2	9,7	8,8	8,8	8,6	7,8	8,7	9,0	10,3
10	12,1	13,1	11,5	10,2	9,6	9,0	8,1	8,8	9,8	9,8
20	11,8	11,8	12,8	12,0	10,2	10,4	8,4	9,0	9,1	9,5
30	10,6	11,5	11,2	12,0	10,1	10,7	9,0	9,3	9,3	9,3
40	10,2	11,9	10,2	11,2	*	10,8	9,3	9,3	9,3	9,3
50	*	*	*	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	1-dic-08	28-ene-09	31-mar-09	9-may-09	31-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	11,8	11,1	10,2	16,8	13,4	25,7	16,0	26,1	18,6	27,3
5	20,1	21,8	12,4	18,4	24,8	28,2	22,1	27,9	20,7	29,1
10	25,1	23,4	23,0	24,3	30,0	29,2	29,4	29,9	28,6	29,8
20	27,4	24,6	30,7	29,6	31,9	31,2	30,5	31,0	30,8	30,5
30	33,0	29,7	33,4	31,5	32,6	31,5	31,3	31,6	31,8	31,7
40	33,5	27,0	34,5	31,6	*	31,5	31,6	31,7	31,9	31,8
50	*	*	*	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	1-dic-08	28-ene-09	31-mar-09	9-may-09	31-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	8,1	7,9	7,7	13,0	10,1	20,0	12,4	20,3	14,3	20,7
5	14,9	16,2	9,4	14,2	18,7	21,9	17,2	21,6	15,9	22,3
10	18,9	17,4	17,4	18,6	23,2	22,6	22,9	23,2	22,0	23,0
20	20,8	18,6	23,2	22,5	23,8	24,0	23,8	24,1	23,9	23,6
30	25,3	22,6	25,6	24,0	24,6	24,2	24,4	24,6	24,7	24,6
40	25,7	20,4	26,7	24,2	*	24,3	24,6	24,7	24,8	24,7
50	*	*	*	*	*	*	*	*	*	*

Oxígeno (mg/l)										
Cruceros	7-dic-08	28-ene-09	31-mar-09	9-may-09	31-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	S/l	S/l	10,6	7,3	S/l	7,2	13,3	11,7	11,7	10,1
5	S/l	S/l	10,8	7,3	S/l	6,8	12,8	12,7	11,8	10,6
10	S/l	S/l	10,5	6,9	S/l	6,8	12,2	12,7	11,4	10,5
20	S/l	S/l	9,0	6,2	S/l	6,6	11,8	11,8	11,2	10,0
30	S/l	S/l	7,7	5,6	S/l	6,4	11,3	11,0	10,3	8,0
40	S/l	S/l	4,8	5,1	S/l	6,4	10,1	10,5	9,4	6,7
50	*	*	*	*	S/l	*	*	*	*	*

Anexo 79 (continuaci3n)

Estaci3n A58: Isla Porcia

Temperatura (°C)										
Cruceros	1-dic-08	28-ene-09	31-mar-09	9-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	14,8	13,0	9,5	7,5	6,8	7,3	8,3	8,1	8,5	13,0
5	13,8	13,0	9,4	8,5	7,5	7,7	7,7	8,7	8,8	10,2
10	11,9	13,2	9,6	10,8	9,2	9,2	8,1	8,7	9,1	10,4
20	11,5	12,9	13,2	11,8	10,1	9,3	8,3	8,9	9,2	8,5
30	11,6	12,4	13,1	12,6	10,3	9,9	8,8	9,1	9,2	9,4
40	11,3	11,8	12,4	12,2	9,4	10,1	9,5	9,5	9,3	9,5
50	11,0	11,9	11,9	12,1	9,6	10,4	9,5	9,8	9,3	*

Salinidad (psu)										
Cruceros	1-dic-08	28-ene-09	31-mar-09	9-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	10,2	6,1	5,7	9,8	9,2	23,7	13,1	20,7	13,8	16,6
5	11,1	14,3	8,9	14,3	15,4	23,8	22,4	27,9	23,6	27,9
10	28,6	21,4	24,4	26,1	26,2	30,3	28,9	29,7	29,7	29,5
20	30,2	25,7	31,6	29,7	32,2	30,9	30,5	30,9	30,8	30,3
30	30,3	25,3	33,7	31,9	32,4	31,5	31,2	31,6	31,2	31,7
40	31,6	28,1	34,9	32,4	33,0	31,9	32,0	32,3	31,9	32,4
50	33,1	26,5	36,1	32,7	33,7	32,3	32,5	32,9	32,7	*

Sigma-t (kg·m ⁻³)										
Cruceros	1-dic-08	28-ene-09	31-mar-09	9-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	6,9	4,1	4,2	7,6	7,1	18,5	10,1	16,1	10,7	12,2
5	7,8	10,4	6,7	11,1	11,7	18,6	17,5	21,6	18,3	21,4
10	21,7	15,9	18,8	19,9	20,1	23,4	22,5	23,0	23,0	22,7
20	23,0	19,2	23,8	22,6	24,6	24,0	23,8	24,0	23,9	23,6
30	23,0	19,0	25,5	24,2	24,6	24,4	24,3	24,5	24,3	24,6
40	24,1	21,3	26,6	24,7	25,6	24,7	24,9	25,1	24,8	25,2
50	25,3	20,0	27,7	25,0	25,6	25,0	25,3	25,6	25,5	*

Oxígeno (mg/l)										
Cruceros	7-dic-08	28-ene-09	31-mar-09	9-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	S/I	S/I	8,4	7,7	S/I	8,9	13,9	7,3	12,1	9,9
5	S/I	S/I	8,0	7,5	S/I	8,6	13,3	12,3	11,3	10,1
10	S/I	S/I	7,3	7,0	S/I	8,3	12,4	12,2	11,5	9,9
20	S/I	S/I	6,4	6,4	S/I	8,4	12,1	11,7	10,9	9,7
30	S/I	S/I	6,3	5,9	S/I	8,2	11,8	11,2	10,7	9,4
40	S/I	S/I	6,0	5,7	S/I	8,0	11,0	10,7	10,3	9,5
50	S/I	S/I	5,7	5,6	S/I	7,8	10,5	9,8	9,6	*

Anexo 79 (continuación)

Estación A59: Isla Zealous

Temperatura (°C)										
Cruceros	1-dic-08	28-ene-09	31-mar-09	9-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	13,9	13,0	9,5	7,6	6,9	7,5	7,9	8,4	8,5	12,6
5	12,6	13,0	9,4	8,9	7,4	8,2	7,6	8,6	8,7	11,3
10	12,2	13,3	9,7	10,3	9,0	9,1	8,0	8,7	9,1	9,7
20	11,5	13,2	12,8	11,9	9,9	9,3	8,3	9,0	9,2	8,8
30	11,4	12,7	12,9	12,4	10,1	10,1	8,8	9,1	9,2	9,3
40	11,2	12,5	12,6	12,2	10,8	10,6	9,5	9,4	9,2	9,5
50	11,0	12,2	12,0	12,1	10,3	10,7	9,4	9,7	*	9,3

Salinidad (psu)										
Cruceros	1-dic-08	28-ene-09	31-mar-09	9-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	9,2	8,5	7,6	10,1	10,2	24,5	13,0	23,3	14,1	19,8
5	12,0	13,1	9,1	16,5	14,5	26,6	20,1	27,2	14,9	27,0
10	19,1	22,9	23,5	23,3	26,5	30,2	27,6	28,6	29,7	29,9
20	31,0	21,1	30,8	29,7	30,2	30,9	30,5	31,0	30,7	30,4
30	32,1	25,3	33,5	31,7	30,3	31,5	31,2	31,5	31,2	31,2
40	32,9	25,9	34,9	32,4	31,0	32,0	32,1	32,1	31,6	32,3
50	34,8	25,2	35,9	32,7	33,6	32,5	32,4	32,9	*	32,8

Sigma-t (kg·m ⁻³)										
Cruceros	1-dic-08	28-ene-09	31-mar-09	9-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	6,4	6,0	5,7	7,8	7,9	19,1	10,1	18,0	10,8	14,7
5	8,7	9,5	6,9	12,7	10,9	20,7	15,7	21,1	11,5	20,5
10	14,2	17,0	18,1	17,9	20,1	23,4	21,5	22,2	23,0	23,0
20	23,5	15,6	23,3	22,6	23,2	23,9	23,8	24,1	23,8	23,6
30	24,5	18,9	25,4	24,1	23,1	24,4	24,3	24,5	24,3	24,2
40	25,1	19,4	26,6	24,7	23,8	24,7	25,0	25,0	24,6	25,1
50	26,7	19,0	27,5	25,0	25,4	25,1	25,3	25,6	*	25,6

Oxígeno (mg/l)										
Cruceros	7-dic-08	28-ene-09	31-mar-09	9-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	S/I	S/I	10,8	7,7	S/I	8,8	13,9	10,2	12,3	9,7
5	S/I	S/I	12,2	7,6	S/I	8,2	13,6	12,2	12,2	9,9
10	S/I	S/I	10,9	6,9	S/I	8,0	12,7	12,3	11,4	9,8
20	S/I	S/I	9,5	6,4	S/I	7,7	12,1	11,7	11,2	8,7
30	S/I	S/I	9,1	5,9	S/I	7,6	11,8	11,2	10,8	8,4
40	S/I	S/I	8,6	5,7	S/I	7,4	10,9	10,6	10,5	8,3
50	S/I	S/I	8,2	5,6	S/I	6,9	10,6	10,0	*	7,7

Anexo 79 (continuación)

Estación A60: Punta Baker

Temperatura (°C)										
Cruceros	2-dic-08	30-ene-09	1-abr-09	10-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	13,8	12,4	9,3	7,4	7,5	6,6	9,1	7,6	10,2	13,8
5	11,1	12,6	9,8	9,5	8,1	8,0	8,1	8,7	9,1	11,8
10	10,9	13,2	11,9	10,6	9,1	9,1	8,3	8,8	9,2	10,9
20	11,0	13,0	12,8	11,9	9,9	9,3	8,6	8,8	9,2	9,6
30	11,0	12,1	12,0	12,0	10,7	9,7	9,1	9,0	9,2	9,5
40	10,9	11,2	11,1	12,0	10,8	10,6	9,7	9,4	9,3	9,5
50	10,4	11,0	10,8	11,0	10,6	11,1	*	9,6	9,4	9,4

Salinidad (psu)										
Cruceros	2-dic-08	30-ene-09	1-abr-09	10-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	12,2	6,8	9,2	6,8	11,8	18,0	17,5	12,7	11,0	11,3
5	21,7	17,7	10,8	17,2	13,9	24,0	24,1	23,5	23,7	24,6
10	24,9	24,9	26,8	25,3	26,5	29,4	28,7	28,6	29,7	29,2
20	29,2	25,7	32,2	30,5	31,5	30,6	30,6	31,0	30,5	31,0
30	31,0	27,3	33,9	32,1	33,3	31,3	31,5	31,3	30,9	31,8
40	31,1	29,8	35,1	32,4	33,8	32,1	32,3	32,1	31,4	32,2
50	33,4	29,8	35,6	32,6	34,1	32,5	*	32,9	32,6	32,5

Sigma-t (kg·m ⁻³)										
Cruceros	2-dic-08	30-ene-09	1-abr-09	10-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	8,7	4,7	7,0	5,3	8,6	14,1	13,4	9,9	8,2	8,0
5	16,4	13,1	8,1	13,2	10,5	18,7	18,8	18,2	18,3	18,6
10	18,9	18,5	20,3	19,4	20,1	22,8	22,4	22,2	23,0	22,3
20	22,3	19,2	24,4	23,2	24,0	23,7	23,8	24,1	23,6	24,0
30	23,7	20,6	25,9	24,5	25,4	24,3	24,5	24,4	24,0	24,6
40	23,7	22,7	27,0	24,7	25,4	24,8	25,0	24,9	24,5	25,0
50	25,6	22,7	27,5	25,1	26,2	25,0	*	25,6	25,4	25,3

Oxígeno (mg/l)										
Cruceros	7-dic-08	30-ene-09	1-abr-09	10-may-09	30-may-09	12-jul-09	28-sep-09	31-oct-09	23-nov-09	17-dic-09
Prof (m)										
0	S/I	S/I	8,5	8,4	S/I	7,2	12,8	11,2	12,3	9,7
5	S/I	S/I	8,3	7,8	S/I	6,9	13,4	12,8	12,0	9,9
10	S/I	S/I	7,3	7,4	S/I	7,0	12,6	12,9	11,5	9,6
20	S/I	S/I	6,7	6,5	S/I	7,5	12,0	12,5	11,1	9,3
30	S/I	S/I	6,4	6,1	S/I	7,5	11,3	12,2	11,0	8,8
40	S/I	S/I	6,1	5,9	S/I	7,1	10,4	11,7	10,7	8,5
50	S/I	S/I	5,9	5,6	S/I	6,6	*	10,8	9,8	7,7

* : Profundidad no alcanzada por la topografía de la estación.

S/I: Sin información

Anexo 80.

Datos oceanogr3ficos (Temperatura, Salinidad, Sigma t y Ox3geno disuelto)
para las estaciones de la regi3n de Magallanes

Estaci3n M04: Canal Adalberto

Temperatura (°C)										
Cruceros	04-12-08	01-02-09	21-03-09	01-05-09	31-05-09	01-08-09	05-09-09	08-10-09	08-11-09	09-12-09
Prof (m)										
0	13,3	10,7	11,2	8,4	6,9	S/I	6,9	8,4	8,8	9,8
5	10,5	12,7	11,9	8,9	8,3	S/I	6,9	8,3	8,7	9,7
10	9,9	12,5	11,8	10,3	9,2	S/I	7,3	8,3	8,7	9,7
20	9,1	11,5	9,7	10,3	10,7	S/I	9,3	9,0	9,1	9,5
30	9,1	10,5	10,3	11,0	11,3	S/I	9,7	9,6	9,6	9,7
40	9,2	9,7	11,2	11,1	11,3	S/I	9,4	9,7	9,6	9,8
50	9,2	9,3	10,5	10,7	10,9	S/I	9,7	9,8	9,9	9,8
75	*	8,8	9,7	9,4	9,8	S/I	10,5	9,4	9,2	9,2
100	*	8,5	8,8	8,9	9,1	S/I	9,6	9,0	9,0	*

Salinidad (psu)										
Cruceros	04-12-08	01-02-09	21-03-09	01-05-09	31-05-09	01-08-09	05-09-09	08-10-09	08-11-09	09-12-09
Prof (m)										
0	22,6	20,1	13,0	27,5	13,3	S/I	24,1	25,6	24,9	28,4
5	26,4	25,1	16,7	27,2	17,9	S/I	24,3	26,6	25,7	28,8
10	27,8	26,6	19,0	26,7	23,7	S/I	26,0	27,9	26,0	29,8
20	32,4	28,9	29,0	26,0	31,1	S/I	30,4	30,4	31,3	31,5
30	33,7	34,6	30,0	25,4	31,7	S/I	31,8	31,9	32,0	32,3
40	34,7	35,7	32,0	25,3	32,2	S/I	31,9	32,5	32,6	32,6
50	39,8	35,7	33,0	25,4	32,5	S/I	32,6	32,8	32,9	33,1
75	*	35,7	33,0	26,3	33,0	S/I	33,0	33,2	33,5	33,5
100	*	35,6	34,0	26,9	33,5	S/I	33,4	33,5	33,6	*

Sigma-t (kg·m ⁻³)										
Cruceros	04-12-08	01-02-09	21-03-09	01-05-09	31-05-09	01-08-09	05-09-09	08-10-09	08-11-09	09-12-09
Prof (m)										
0	13,2	12,8	9,7	21,4	10,4	S/I	18,8	19,8	19,3	21,8
5	17,6	12,3	12,4	21,0	13,8	S/I	19,0	20,7	19,9	22,2
10	19,1	16,4	14,0	20,6	18,3	S/I	20,3	21,7	20,1	22,9
20	23,2	18,8	22,0	19,9	23,8	S/I	23,4	23,5	24,2	24,3
30	24,3	23,9	23,0	19,3	24,2	S/I	24,5	24,6	24,6	24,9
40	25,1	25,5	24,0	19,2	24,6	S/I	24,7	25,1	25,1	25,1
50	25,3	25,8	25,0	19,4	24,7	S/I	25,2	25,3	25,4	25,5
75	*	26,4	26,0	20,3	25,4	S/I	25,3	25,6	25,9	25,9
100	*	26,7	26,0	20,8	25,9	S/I	25,8	26,0	26,1	*

Ox3geno (mg/l)										
Cruceros	04-12-08	01-02-09	21-03-09	01-05-09	31-05-09	01-08-09	05-09-09	08-10-09	08-11-09	09-12-09
Prof (m)										
0	9,4	9,8	10,1	10,1	10,7	S/I	10,3	9,9	10,2	10,8
5	9,7	9,4	9,4	10,0	9,7	S/I	10,2	9,8	10,3	9,6
10	9,7	9,3	9,0	9,6	8,7	S/I	10,0	9,5	9,9	9,0
20	8,4	8,0	7,6	8,2	7,3	S/I	8,3	9,1	8,0	7,8
30	8,7	8,5	4,4	8,5	7,2	S/I	8,7	8,0	7,4	7,2
40	8,5	8,5	7,3	8,3	7,1	S/I	8,5	7,9	7,7	7,2
50	8,7	8,7	7,1	8,5	7,0	S/I	8,6	7,5	7,3	6,7
75	*	7,2	6,6	7,1	6,5	S/I	7,0	7,2	6,4	5,9
100	*	6,3	5,9	6,3	5,6	S/I	6,2	6,4	5,9	*

Anexo 80 (continuaci3n)
Estaci3n M05: Bahía Libertad

Temperatura (°C)										
Cruceros	04-12-08	01-02-09	21-03-09	01-05-09	31-05-09	01-08-09	05-09-09	08-10-09	08-11-09	09-12-09
Prof (m)										
0	11,0	11,3	9,6	9,0	8,8	S/I	6,6	8,7	8,4	10,7
5	10,5	11,5	9,6	9,1	9,4	S/I	6,6	8,6	8,6	10,3
10	10,1	12,5	9,7	9,2	9,4	S/I	6,8	8,8	8,8	10,0
20	9,2	11,1	9,2	9,1	9,1	S/I	9,7	8,9	9,6	9,4
30	9,2	9,4	9,5	9,0	8,7	S/I	10,0	9,2	9,8	8,8
40	9,2	9,3	10,3	8,9	8,5	S/I	10,0	9,8	10,1	8,4
50	9,2	9,2	10,3	8,7	8,6	S/I	10,3	*	10,1	8,5

Salinidad (psu)										
Cruceros	04-12-08	01-02-09	21-03-09	01-05-09	31-05-09	01-08-09	05-09-09	08-10-09	08-11-09	09-12-09
Prof (m)										
0	26,7	14,0	9,2	27,6	23,8	S/I	22,7	25,2	21,4	27,2
5	26,8	13,3	9,2	27,5	28,9	S/I	22,8	27,7	23,9	27,7
10	27,4	25,8	9,2	27,5	29,4	S/I	23,7	28,3	27,2	28,4
20	33,3	29,1	26,6	27,5	30,9	S/I	31,6	29,1	31,8	29,2
30	31,2	33,2	30,1	27,7	31,4	S/I	31,9	30,3	32,3	30,1
40	34,5	35,0	31,4	27,8	31,9	S/I	32,2	31,7	32,7	31,4
50	34,8	35,5	32,2	28,0	32,2	S/I	32,7	*	33,0	31,6

Sigma-t (kg·m ⁻³)										
Cruceros	04-12-08	01-02-09	21-03-09	01-05-09	31-05-09	01-08-09	05-09-09	08-10-09	08-11-09	09-12-09
Prof (m)										
0	17,4	8,3	6,9	21,3	18,4	S/I	17,8	19,5	16,6	20,7
5	17,8	9,1	6,9	21,3	22,3	S/I	17,9	21,5	18,5	21,2
10	18,6	16,0	6,9	21,2	22,7	S/I	18,6	21,9	21,0	21,8
20	24,0	19,2	20,5	21,3	23,9	S/I	24,3	22,5	24,5	22,6
30	24,7	24,2	23,2	21,4	24,4	S/I	24,5	23,4	24,9	23,3
40	24,9	25,3	24,4	21,5	24,8	S/I	24,8	24,4	25,2	24,4
50	25,3	25,8	24,7	21,7	25,0	S/I	25,1	*	25,4	24,5

Oxígeno (mg/l)										
Cruceros	04-12-08	01-02-09	21-03-09	01-05-09	31-05-09	01-08-09	05-09-09	08-10-09	08-11-09	09-12-09
Prof (m)										
0	10,1	10,0	11,0	10,3	8,6	S/I	10,5	10,1	10,4	11,1
5	10,1	9,9	11,0	10,3	8,2	S/I	10,5	9,6	10,3	10,0
10	9,6	9,3	11,1	9,8	8,0	S/I	10,4	9,0	9,8	9,0
20	7,5	7,3	8,0	7,5	7,3	S/I	8,4	8,5	7,5	8,4
30	7,5	7,5	7,5	7,5	6,8	S/I	8,0	8,4	7,4	7,8
40	7,6	7,6	7,2	7,6	6,0	S/I	8,2	7,9	7,5	7,1
50	6,9	6,9	18,2	7,0	5,6	S/I	7,8	*	6,8	7,0

Anexo 80 (continuaci3n)
Estaci3n M06: Puerto Ed3n

Temperatura (°C)										
Cruceros	04-12-08	01-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	13,2	10,9	9,8	9,2	8,7	S/I	8,5	8,6	8,7	11,6
5	11,6	9,7	9,1	9,5	9,2	S/I	8,7	8,4	8,6	11,3
10	10,9	8,7	9,1	9,8	9,3	S/I	8,9	8,4	8,3	10,6
20	7,8	7,6	8,0	9,2	9,2	S/I	9,0	8,4	8,3	7,7
30	7,9	7,8	7,9	9,3	8,9	S/I	9,0	8,6	8,3	8,2
40	8,2	7,8	8,0	8,7	8,8	S/I	9,0	8,9	8,4	8,8
50	8,6	8,5	8,5	8,4	8,7	S/I	8,9	*	8,6	*

Salinidad (psu)										
Cruceros	04-12-08	01-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	27,2	25,0	24,1	25,8	24,9	S/I	31,2	27,2	27,0	25,3
5	27,0	27,7	26,6	25,5	27,6	S/I	31,6	28,5	28,8	25,6
10	27,1	29,2	26,6	25,3	29,8	S/I	31,8	29,1	30,4	26,5
20	31,7	31,3	27,4	25,7	30,9	S/I	32,1	30,0	31,3	30,9
30	32,6	32,0	27,6	25,6	31,4	S/I	32,3	31,9	31,5	32,0
40	33,6	32,6	27,7	26,2	31,8	S/I	32,5	32,4	31,6	32,6
50	34,1	34,1	28,0	26,4	32,1	S/I	28,8	*	31,7	*

Sigma-t (kg•m ⁻³)										
Cruceros	04-12-08	01-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	16,4	16,3	20,1	19,9	19,3	S/I	24,2	21,0	20,9	19,2
5	17,3	19,0	20,5	19,7	21,3	S/I	24,5	22,1	22,3	19,4
10	17,9	21,0	20,5	19,4	23,0	S/I	24,7	22,6	23,6	20,2
20	23,7	23,7	21,3	19,8	23,8	S/I	24,8	23,3	24,3	24,1
30	24,5	24,1	21,5	19,8	24,3	S/I	25,0	24,8	24,5	24,9
40	25,0	24,6	21,5	20,3	24,5	S/I	25,2	25,1	24,5	25,3
50	25,2	25,3	21,9	20,5	24,9	S/I	22,3	*	24,6	*

Oxigeno(mg/l)										
Cruceros	04-12-08	01-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	8,5	8,8	9,0	9,0	8,7	S/I	8,4	9,7	9,1	10,8
5	8,6	8,8	8,9	8,9	8,4	S/I	8,1	9,0	9,0	10,8
10	7,9	8,2	8,2	8,1	8,0	S/I	7,7	8,7	8,3	10,8
20	7,8	7,8	7,8	7,6	7,4	S/I	7,3	8,5	7,7	7,8
30	7,5	7,6	7,5	7,3	6,9	S/I	6,8	8,1	7,5	7,3
40	7,3	7,4	7,4	7,3	6,4	S/I	5,9	6,8	7,3	6,0
50	7,1	7,1	7,1	7,1	6,1	S/I	4,3	*	7,1	*

Anexo 80 (continuación)
Estación M1N: Isla Morton

Temperatura (°C)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	01-08-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	12,5	10,8	9,7	9,4	8,5	S/I	8,4	8,5	8,5	8,1
5	11,9	10,0	10,0	9,7	9,3	S/I	8,6	8,4	8,3	7,8
10	11,6	8,9	10,0	9,5	9,4	S/I	8,8	8,2	7,9	7,6
20	7,8	7,2	8,7	9,2	9,0	S/I	9,0	8,4	7,7	7,3
30	7,7	7,8	8,3	9,1	8,7	S/I	9,1	8,5	7,9	8,5
40	8,3	7,9	8,0	8,4	8,6	S/I	9,1	8,7	8,6	8,8
50	8,5	8,0	8,0	8,4	8,6	S/I	8,9	8,9	8,9	8,9

Salinidad (psu)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	01-08-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	27,2	24,9	19,9	25,6	24,1	S/I	30,7	26,7	26,7	26,0
5	27,2	27,5	26,7	25,4	28,3	S/I	31,6	28,1	29,0	26,2
10	27,3	29,5	29,4	25,5	29,6	S/I	31,8	28,6	29,9	26,4
20	31,4	31,4	29,8	25,7	30,9	S/I	32,1	30,5	31,2	27,3
30	32,4	32,2	30,0	25,7	31,4	S/I	32,3	31,9	31,7	31,8
40	33,6	32,6	30,5	26,4	31,9	S/I	32,4	32,3	32,3	32,4
50	34,1	33,1	31,1	26,4	32,1	S/I	32,7	32,5	32,6	32,8

Sigma-t (kg·m ⁻³)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	01-08-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	16,9	16,2	15,3	19,7	18,7	S/I	23,9	20,7	20,7	20,2
5	17,3	18,7	20,5	19,5	21,9	S/I	24,5	21,8	22,5	20,4
10	17,6	21,1	22,6	19,6	22,9	S/I	24,6	22,2	23,3	20,5
20	23,5	23,9	23,1	19,8	23,9	S/I	24,9	23,6	24,4	21,3
30	24,4	24,3	23,3	19,9	24,4	S/I	25,0	24,8	24,7	24,7
40	25,1	24,6	23,7	20,5	24,8	S/I	25,1	25,1	25,0	25,1
50	25,3	24,9	24,2	20,5	24,9	S/I	25,3	25,2	25,3	25,4

Oxígeno (mg/l)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	01-08-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	8,9	9,1	9,3	9,3	8,6	S/I	8,3	9,5	9,0	10,5
5	8,2	8,5	8,5	8,5	8,3	S/I	8,3	9,3	9,3	10,4
10	8,1	8,5	8,3	8,4	7,9	S/I	7,7	9,0	8,8	10,4
20	8,3	8,4	8,2	8,2	7,2	S/I	7,2	8,7	8,4	9,4
30	8,3	8,3	8,2	8,1	6,7	S/I	7,0	8,1	8,0	6,7
40	7,8	7,9	7,8	7,8	6,1	S/I	6,4	7,4	7,3	6,2
50	7,2	7,3	7,3	7,2	5,9	S/I	5,5	6,6	6,5	6,1

Anexo 80 (continuación)

Estación M2N: Isla Carlos

Temperatura (°C)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	01-08-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	12,6	10,8	9,8	9,3	8,3	S/I	8,5	8,6	8,4	11,7
5	11,6	10,2	10,1	9,6	9,1	S/I	8,6	8,4	8,4	11,2
10	11,4	8,9	9,9	9,8	9,4	S/I	8,8	8,1	7,9	10,8
20	7,7	7,3	8,2	9,2	9,0	S/I	9,0	8,4	7,6	7,6
30	7,6	7,8	8,2	9,2	8,8	S/I	9,1	8,6	7,9	8,2
40	8,1	7,8	8,2	8,4	8,6	S/I	9,0	8,7	8,6	8,6
50	8,4	8,1	7,9	8,4	8,6	S/I	8,9	8,9	8,8	*

Salinidad (psu)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	01-08-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	27,5	25,3	20,8	25,7	22,8	S/I	31,2	26,6	26,3	25,2
5	27,3	27,0	27,6	25,5	27,3	S/I	31,8	27,7	28,7	25,5
10	27,4	29,1	29,4	25,4	29,6	S/I	31,9	28,8	29,8	26,0
20	31,6	31,2	29,8	25,7	30,9	S/I	32,1	30,3	31,2	30,9
30	32,3	32,2	30,1	25,8	31,4	S/I	32,3	32,0	31,8	32,1
40	33,3	32,6	30,5	26,4	31,7	S/I	32,5	32,3	32,3	32,4
50	33,9	33,4	31,0	26,5	32,1	S/I	32,6	32,5	32,5	*

Sigma-t (kg•m ⁻³)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	01-08-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	17,0	16,6	15,9	19,8	17,7	S/I	24,2	20,6	20,4	19,0
5	17,5	18,2	21,1	19,6	21,1	S/I	24,6	21,5	22,2	19,4
10	17,7	20,8	22,6	19,5	22,8	S/I	24,7	22,4	23,2	19,8
20	23,7	23,7	23,1	19,9	23,9	S/I	24,9	23,6	24,3	24,1
30	24,4	24,2	23,4	19,9	24,3	S/I	25,0	24,8	24,8	25,0
40	24,9	24,6	23,7	20,5	24,6	S/I	25,1	25,0	25,1	25,2
50	25,2	25,0	24,1	20,5	24,9	S/I	25,3	25,2	25,2	*

Oxígeno (mg/l)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	01-08-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	8,9	9,1	9,3	9,3	8,8	S/I	8,3	9,4	10,0	10,7
5	8,3	8,5	8,5	8,6	8,3	S/I	8,1	9,2	9,1	10,8
10	8,1	8,5	8,3	8,3	7,8	S/I	7,8	8,9	9,0	10,7
20	8,2	8,3	8,2	8,0	7,2	S/I	7,4	8,5	8,5	7,9
30	8,1	8,1	8,1	7,9	6,7	S/I	7,1	8,0	8,0	7,4
40	7,8	7,8	7,8	7,8	6,4	S/I	6,5	7,5	7,3	6,5
50	7,5	7,5	7,6	7,5	5,7	S/I	5,7	6,6	6,4	*

Anexo 80 (continuación)

Estación M3N: Arrecife Hamond

Temperatura (°C)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	12,6	10,4	9,8	9,3	8,7	S/I	8,5	8,6	8,5	11,3
5	11,8	10,2	10,1	9,5	8,8	S/I	8,7	8,4	8,2	10,8
10	11,3	9,1	10,0	9,8	8,9	S/I	8,7	8,3	7,7	10,3
20	8,0	7,1	8,3	9,2	9,2	S/I	9,0	8,4	7,6	7,5
30	7,5	7,8	8,1	9,3	9,3	S/I	9,1	8,6	8,1	8,3
40	8,2	7,9	7,9	8,9	9,2	S/I	9,0	8,9	8,6	8,7
50	8,6	7,9	7,9	8,5	8,7	S/I	8,9	8,9	8,9	8,9

Salinidad (psu)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	27,4	26,3	21,2	25,8	24,9	S/I	31,4	27,2	28,0	25,6
5	24,4	26,7	28,0	25,6	27,6	S/I	31,7	28,1	28,8	26,1
10	27,4	28,5	29,5	25,4	29,8	S/I	32,0	29,4	30,0	26,9
20	31,2	30,9	29,7	25,8	30,9	S/I	32,2	30,3	31,2	31,1
30	32,2	32,1	30,2	25,7	31,4	S/I	32,3	32,0	31,9	32,1
40	33,6	32,6	30,5	26,1	31,8	S/I	32,5	32,4	32,3	32,5
50	34,3	32,9	30,7	26,4	32,1	S/I	32,7	32,6	32,6	32,8

Sigma-t (kg·m ⁻³)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	17,0	17,5	16,3	19,9	19,3	S/I	24,4	21,1	21,7	19,4
5	17,4	18,0	21,1	19,7	21,3	S/I	24,6	21,8	22,4	19,9
10	17,8	20,2	22,6	19,5	23,0	S/I	24,8	22,8	23,4	20,6
20	23,1	23,7	23,1	19,9	23,8	S/I	24,9	23,5	24,4	24,3
30	24,4	24,2	23,5	19,8	24,3	S/I	25,0	24,8	24,8	24,9
40	25,0	24,5	23,7	20,2	24,6	S/I	25,2	25,1	25,1	25,2
50	25,3	24,8	23,9	20,4	24,9	S/I	25,3	25,3	25,3	25,4

Oxígeno (mg/l)										
Cruceros	04-12-08	02-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	8,9	9,2	9,3	9,4	8,7	S/I	8,6	9,4	9,7	10,7
5	8,3	8,5	8,5	8,6	8,4	S/I	8,0	9,0	9,3	10,7
10	8,2	8,5	8,4	8,4	8,0	S/I	7,9	8,7	9,5	10,2
20	8,2	8,3	8,2	8,0	7,4	S/I	7,4	8,6	8,5	8,0
30	8,1	8,0	8,0	7,8	6,9	S/I	7,0	8,0	8,0	7,3
40	7,6	7,7	7,7	7,5	6,4	S/I	6,3	6,9	7,2	6,3
50	7,5	7,6	7,6	7,5	6,1	S/I	5,6	6,4	6,2	5,6

Anexo 80 (continuaci3n)

Estaci3n M07: Isla Crossover

Temperatura (°C)										
Cruceros	03-12-08	01-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	12,4	10,9	9,8	9,2	8,3	S/I	8,2	8,4	8,3	11,6
5	11,4	10,7	10,2	9,5	9,2	S/I	8,2	8,2	8,2	10,8
10	11,2	9,8	10,5	9,9	9,2	S/I	8,2	8,2	7,8	10,4
20	7,4	6,9	10,4	9,3	9,3	S/I	8,7	8,2	7,5	7,4
30	7,6	8,1	9,1	9,3	9,1	S/I	9,1	7,7	7,9	7,9
40	8,0	8,2	8,5	8,6	8,8	S/I	9,1	8,3	8,5	8,6
50	8,3	8,1	8,2	8,6	8,7	S/I	9,0	8,7	8,8	8,9

Salinidad (psu)										
Cruceros	03-12-08	01-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	27,5	24,7	20,0	26,0	23,8	S/I	30,3	27,9	27,4	25,2
5	27,5	26,3	23,4	25,7	28,4	S/I	30,3	29,1	27,8	26,1
10	27,4	28,2	28,9	25,4	29,8	S/I	30,7	29,5	29,7	26,9
20	31,6	30,8	30,1	25,8	31,0	S/I	32,2	30,4	31,0	30,7
30	32,4	32,6	30,3	25,9	31,5	S/I	32,4	31,5	31,7	31,9
40	33,2	33,0	30,5	26,5	32,0	S/I	32,6	32,0	32,3	32,5
50	33,7	33,1	31,0	26,6	32,2	S/I	32,8	32,3	32,6	32,8

Sigma-t (kg·m ⁻³)										
Cruceros	03-12-08	01-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	17,1	16,0	15,3	20,0	18,4	S/I	23,5	21,6	21,3	19,1
5	17,8	17,4	17,8	19,8	21,9	S/I	23,6	22,6	21,6	19,9
10	17,8	19,4	22,1	19,5	23,0	S/I	23,8	22,9	23,1	20,5
20	24,0	23,7	23,1	19,9	24,0	S/I	25,0	23,6	24,2	24,0
30	24,5	24,2	23,5	20,0	24,4	S/I	25,0	24,5	24,7	24,8
40	24,9	24,6	23,7	20,5	24,8	S/I	25,2	24,9	25,1	25,2
50	25,1	24,9	24,1	20,6	25,0	S/I	25,4	25,1	25,3	25,4

Oxigeno (mg/l)										
Cruceros	03-12-08	01-02-09	22-03-09	01-05-09	31-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	9,3	9,5	9,7	9,7	9,3	S/I	8,9	9,4	9,9	10,6
5	9,4	9,5	8,9	9,7	8,3	S/I	8,8	9,2	9,8	10,5
10	9,2	9,4	8,4	9,4	7,9	S/I	8,9	9,1	9,7	10,0
20	8,7	8,8	8,2	8,4	7,4	S/I	7,9	8,9	8,7	7,9
30	8,1	8,0	8,1	7,9	7,0	S/I	7,5	8,6	8,1	7,4
40	7,4	7,4	8,0	7,3	6,4	S/I	6,7	8,4	7,4	6,5
50	6,7	6,8	7,5	6,7	6,2	S/I	5,8	7,5	6,7	5,8

Anexo 80 (continuación)

Estación M24N: Paso del Abismo

Temperatura (°C)										
Cruceros	03-12-08	01-02-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	11,0	10,6	10,2	9,4	8,9	S/I	7,9	7,5	7,6	11,4
5	11,0	9,9	10,5	9,9	9,2	S/I	7,9	7,3	7,6	11,0
10	10,1	9,1	10,8	10,2	9,5	S/I	8,2	7,5	7,5	9,2
20	7,3	8,5	10,7	10,1	9,5	S/I	8,8	7,4	7,7	7,4
30	7,7	9,4	11,2	9,8	9,9	S/I	9,2	7,5	8,1	7,8
40	8,0	10,1	10,9	9,6	9,6	S/I	9,2	8,0	8,4	8,4
50	8,4	10,1	10,0	9,3	9,6	S/I	9,2	8,6	8,7	8,7

Salinidad (psu)										
Cruceros	03-12-08	01-02-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	26,1	26,9	22,3	27,2	27,7	S/I	30,1	28,5	28,3	24,9
5	26,2	28,2	26,0	26,7	28,7	S/I	30,2	29,0	29,0	25,4
10	28,1	30,2	27,7	26,5	30,5	S/I	31,8	29,5	29,4	27,4
20	31,7	32,6	29,9	26,5	31,2	S/I	32,2	30,8	31,2	30,7
30	32,6	33,9	30,3	26,5	31,7	S/I	32,6	31,5	32,0	31,9
40	33,2	35,0	30,7	26,5	32,1	S/I	32,8	32,1	32,3	32,3
50	33,9	35,0	31,2	26,6	32,4	S/I	32,9	32,4	32,5	32,7

Sigma-t (kg·m ⁻³)										
Cruceros	03-12-08	01-02-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	16,9	17,9	17,1	21,0	21,4	S/I	23,4	22,2	22,1	18,9
5	17,1	19,3	19,8	20,5	22,1	S/I	23,5	22,7	22,6	19,3
10	19,2	21,5	21,1	20,3	23,5	S/I	24,8	23,0	23,0	21,2
20	24,1	23,9	22,8	20,3	24,1	S/I	25,0	24,1	24,3	24,0
30	24,6	24,3	23,1	20,4	24,4	S/I	25,2	24,6	24,9	24,8
40	24,9	24,6	23,5	20,4	24,8	S/I	25,4	25,0	25,1	25,1
50	25,2	24,6	24,0	20,5	25,0	S/I	25,5	25,2	25,2	25,4

Oxígeno (mg/l)										
Cruceros	03-12-08	01-02-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	08-11-09	09-12-09
Prof (m)										
0	9,9	10,0	9,5	10,1	8,3	S/I	9,1	9,9	10,4	10,6
5	9,9	10,1	9,1	10,1	8,1	S/I	9,0	10,1	10,4	10,7
10	9,7	9,9	8,8	9,7	7,8	S/I	8,9	9,8	10,1	9,5
20	9,0	8,8	8,2	8,6	7,7	S/I	8,3	8,8	8,9	8,1
30	8,1	7,9	8,2	7,8	7,8	S/I	7,6	8,7	8,1	7,4
40	7,8	7,5	8,0	7,6	7,3	S/I	7,3	8,6	7,8	6,9
50	7,5	7,3	1,7	7,4	7,2	S/I	7,0	8,0	7,5	6,2

Anexo 80 (continuaci3n)

Estaci3n M08: Estero Falcon

Temperatura (°C)										
Cruceros	03-12-08	01-02-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	07-11-09	09-12-09
Prof (m)										
0	10,4	9,7	8,0	9,0	8,5	S/I	6,8	7,1	7,3	10,3
5	9,5	9,8	8,2	9,9	9,6	S/I	6,8	7,1	7,5	10,3
10	7,5	8,7	10,1	10,0	9,8	S/I	7,0	7,2	7,4	8,9
20	7,6	7,9	10,4	10,2	9,9	S/I	7,1	7,4	7,6	7,8
30	7,4	9,4	10,9	10,3	10,1	S/I	8,9	7,5	7,9	8,2
40	7,8	9,7	11,1	9,5	9,9	S/I	9,3	8,0	8,3	8,5
50	8,4	9,8	9,9	9,2	*	S/I	9,3	8,3	8,8	8,8

Salinidad (psu)										
Cruceros	03-12-08	01-02-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	07-11-09	09-12-09
Prof (m)										
0	28,9	23,8	21,0	27,5	25,8	S/I	29,7	29,0	27,7	24,4
5	28,7	27,4	21,2	26,7	30,4	S/I	29,7	29,2	27,9	25,3
10	30,1	28,6	28,6	26,6	30,7	S/I	30,1	30,0	28,1	28,2
20	31,8	31,6	29,7	26,3	31,2	S/I	30,2	30,9	31,4	31,6
30	32,2	33,8	30,3	26,1	31,8	S/I	32,7	31,2	32,0	32,2
40	33,2	34,5	31,1	26,6	32,2	S/I	32,8	32,1	32,2	32,5
50	34,0	34,8	31,4	26,6	*	S/I	32,9	32,4	32,7	32,8

Sigma-t (kg·m ⁻³)										
Cruceros	03-12-08	01-02-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	07-11-09	09-12-09
Prof (m)										
0	19,5	16,1	16,3	21,2	20,0	S/I	23,3	22,6	21,6	18,7
5	19,8	18,8	16,5	20,5	23,4	S/I	23,3	22,8	21,8	19,4
10	22,6	20,5	21,9	20,4	23,6	S/I	23,6	23,4	21,9	21,8
20	24,0	23,6	22,7	20,1	24,0	S/I	23,7	24,1	24,5	24,6
30	24,6	24,2	23,2	20,0	24,4	S/I	25,3	24,4	24,9	25,1
40	25,1	24,5	23,7	20,4	24,8	S/I	25,3	25,0	25,0	25,2
50	25,3	24,8	24,2	20,6	*	S/I	25,4	25,1	25,3	25,5

Oxigeno (mg/l)										
Cruceros	03-12-08	01-02-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	07-11-09	09-12-09
Prof (m)										
0	10,2	10,3	10,6	10,4	8,4	S/I	10,0	10,3	11,5	10,1
5	9,8	9,8	10,0	9,8	7,9	S/I	10,0	10,1	11,4	10,1
10	8,9	8,7	8,5	8,5	7,9	S/I	9,9	9,7	10,9	9,8
20	8,8	8,7	8,4	8,4	8,0	S/I	9,9	9,0	8,6	7,8
30	8,6	8,4	8,2	8,2	7,9	S/I	8,3	8,9	8,3	7,3
40	8,4	8,2	8,0	8,2	7,4	S/I	7,6	8,8	8,1	7,1
50	8,0	7,8	7,8	7,9	*	S/I	7,2	8,6	7,4	6,8

Anexo 80 (continuaci3n)

Estaci3n M25N: Estero Ringdove

Temperatura (°C)										
Cruceros	03-12-08	31-01-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	07-11-09	09-12-09
Prof (m)										
0	9,7	11,1	8,3	9,3	9,2	S/I	6,9	7,0	7,5	10,6
5	9,2	10,5	8,4	9,7	9,7	S/I	6,9	7,1	7,4	9,1
10	8,3	9,6	9,4	10,2	10,0	S/I	6,9	7,1	7,3	7,9
20	6,7	7,5	10,5	10,3	10,1	S/I	6,8	7,5	7,4	7,7
30	7,1	8,5	11,1	10,0	10,2	S/I	8,3	7,8	7,9	8,1
40	8,0	9,9	10,9	9,6	10,2	S/I	9,3	7,9	8,3	8,6
50	*	9,4	10,0	9,4	10,3	S/I	9,3	8,2	8,7	8,5

Salinidad (psu)										
Cruceros	03-12-08	31-01-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	07-11-09	09-12-09
Prof (m)										
0	28,8	22,8	21,1	27,4	28,4	S/I	29,1	29,1	27,7	23,6
5	28,8	23,8	21,2	27,0	30,4	S/I	29,3	29,6	27,7	29,5
10	30,9	27,2	26,9	26,6	30,8	S/I	29,5	29,9	28,4	31,1
20	31,5	30,9	29,9	26,4	31,5	S/I	29,6	30,7	31,4	31,7
30	32,1	32,7	30,8	26,5	31,7	S/I	32,0	31,4	31,9	32,3
40	33,5	34,4	30,9	26,6	32,1	S/I	32,6	31,9	32,4	32,7
50	*	34,6	31,4	26,7	32,4	S/I	32,9	32,3	32,6	32,8

Sigma-t (kg•m ⁻³)										
Cruceros	03-12-08	31-01-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	07-11-09	09-12-09
Prof (m)										
0	19,9	14,6	16,4	21,1	21,9	S/I	22,8	22,7	21,6	18,0
5	20,3	15,7	16,4	20,7	23,3	S/I	23,0	23,1	21,6	22,8
10	22,7	18,8	20,7	20,3	23,7	S/I	23,1	23,4	22,2	24,2
20	24,5	23,3	22,9	20,2	24,2	S/I	23,2	23,9	24,5	24,8
30	24,7	24,0	23,5	20,3	24,4	S/I	24,9	24,5	24,8	25,1
40	25,7	24,3	23,6	20,5	24,7	S/I	25,2	24,8	25,2	25,3
50	*	25,0	24,2	20,5	24,9	S/I	25,4	25,1	25,3	25,5

Oxigeno (mg/l)										
Cruceros	03-12-08	31-01-09	22-03-09	02-05-09	30-05-09	31-07-09	04-09-09	06-10-09	07-11-09	09-12-09
Prof (m)										
0	10,2	10,0	10,4	10,3	8,3	S/I	10,3	10,5	9,9	10,1
5	10,0	9,8	10,1	9,9	8,0	S/I	10,3	10,1	11,6	10,0
10	8,8	8,7	8,7	8,6	8,2	S/I	10,1	9,5	11,1	8,3
20	8,9	8,8	8,3	8,4	8,1	S/I	9,9	9,1	8,6	7,8
30	8,7	8,5	8,2	8,3	8,0	S/I	9,6	9,2	8,3	7,7
40	8,5	8,2	8,1	8,2	8,0	S/I	7,9	9,0	8,1	7,4
50	*	7,9	7,8	7,9	7,9	S/I	7,2	8,8	7,6	6,8

Anexo 80 (continuación)

Estación M09: Estero Pengüin

Temperatura (°C)										
Cruceros	03-12-08	31-01-09	22-03-09	30-04-09	01-06-06	31-07-09	03-09-09	06-10-09	07-11-09	08-12-09
Prof (m)										
0	9,1	9,9	8,9	7,2	8,7	S/I	6,6	7,0	4,9	10,1
5	7,9	10,0	8,9	8,8	9,1	S/I	7,0	7,3	6,9	9,6
10	7,0	5,3	9,0	9,2	9,2	S/I	7,0	7,6	7,2	8,0
20	5,7	7,8	9,5	10,1	9,1	S/I	7,0	7,7	7,4	7,7
30	7,8	10,4	10,8	10,2	9,0	S/I	6,8	7,8	8,0	8,2
40	9,1	11,1	11,6	9,6	9,0	S/I	8,4	7,9	8,2	8,5
50	9,0	11,0	10,5	9,5	9,0	S/I	9,0	8,2	8,4	8,4

Salinidad (psu)										
Cruceros	03-12-08	31-01-09	22-03-09	30-04-09	01-06-06	31-07-09	03-09-09	06-10-09	07-11-09	08-12-09
Prof (m)										
0	27,0	22,0	21,7	27,8	24,5	S/I	28,9	29,0	27,1	23,3
5	28,4	24,5	22,3	26,6	27,9	S/I	29,0	30,2	27,8	25,9
10	28,2	25,3	23,3	26,2	28,8	S/I	29,1	30,6	28,3	30,6
20	30,4	32,1	29,4	25,5	29,8	S/I	29,5	31,3	31,5	31,4
30	33,1	34,8	30,4	25,4	30,3	S/I	32,3	31,5	31,9	32,2
40	34,7	36,2	31,0	25,9	30,5	S/I	32,5	31,6	32,3	32,6
50	34,7	36,2	31,5	26,0	30,6	S/I	32,8	32,2	32,5	32,8

Sigma-t (kg·m ⁻³)										
Cruceros	03-12-08	31-01-09	22-03-09	30-04-09	01-06-06	31-07-09	03-09-09	06-10-09	07-11-09	08-12-09
Prof (m)										
0	19,0	14,7	16,7	21,7	19,0	S/I	22,7	22,7	21,4	17,9
5	20,9	16,5	17,2	20,6	21,5	S/I	22,7	23,6	21,8	19,9
10	21,4	20,2	18,0	20,2	22,3	S/I	22,8	23,9	22,1	23,8
20	24,4	24,1	22,6	19,5	23,0	S/I	23,1	24,4	24,6	24,5
30	25,0	24,1	23,2	19,5	23,4	S/I	25,3	24,6	24,9	25,0
40	25,2	24,6	23,6	19,9	23,6	S/I	25,2	24,6	25,2	25,3
50	25,3	24,8	24,2	20,0	23,7	S/I	25,4	25,1	25,3	25,5

Oxígeno (mg/l)										
Cruceros	03-12-08	31-01-09	22-03-09	30-04-09	01-06-06	31-07-09	03-09-09	06-10-09	07-11-09	
Prof (m)										8/dic/09
0	10,0	9,9	10,0	10,2	8,2	S/I	10,3	10,4	10,2	10,2
5	10,1	9,8	10,0	10,0	8,0	S/I	10,2	10,0	10,4	10,2
10	9,7	9,9	9,4	9,4	7,9	S/I	10,1	9,3	11,2	8,4
20	8,9	8,6	8,4	8,3	7,8	S/I	9,9	9,3	8,4	8,0
30	8,6	8,2	8,2	8,3	7,5	S/I	7,7	9,3	8,6	7,6
40	8,5	8,2	8,1	8,4	7,4	S/I	9,0	9,2	8,4	7,4
50	8,0	7,8	7,8	8,0	7,3	S/I	7,7	8,8	7,9	6,9

Anexo 80 (continuación)

Estación M10: Seno Europa

Temperatura (°C)										
Cruceros	03-12-08	31-01-09	22-03-09	30-04-09	01-06-06	31-07-09	03-09-09	06-10-09	07-11-09	08-12-09
Prof (m)										
0	10,0	9,8	10,2	7,6	6,8	S/I	6,2	6,3	6,6	8,7
5	8,7	10,7	10,6	8,0	8,3	S/I	6,6	7,1	7,0	7,9
10	8,0	9,3	10,9	6,9	8,1	S/I	6,7	7,3	7,1	8,1
20	5,5	7,1	11,0	9,9	10,1	S/I	6,8	7,7	7,0	8,2
30	7,6	8,4	11,4	10,4	10,1	S/I	8,0	7,8	7,9	8,1
40	8,6	9,6	11,5	10,0	10,1	S/I	8,6	7,8	8,3	8,4
50	8,9	10,2	10,8	8,8	10,1	S/I	9,1	8,6	*	8,7

Salinidad (psu)										
Cruceros	03-12-08	31-01-09	22-03-09	30-04-09	01-06-09	31-07-09	03-09-09	06-10-09	07-11-09	08-12-09
Prof (m)										
0	24,6	16,8	24,8	27,5	23,9	S/I	28,4	27,1	27,7	26,9
5	27,8	21,1	25,8	27,1	27,7	S/I	29,0	29,3	28,1	28,9
10	27,3	26,9	27,3	28,0	29,5	S/I	29,0	29,9	28,6	29,6
20	30,5	30,6	29,3	25,7	31,2	S/I	29,3	31,1	31,3	31,7
30	32,6	32,9	30,4	25,3	31,3	S/I	31,9	31,4	32,0	31,9
40	33,9	34,6	30,9	25,6	32,1	S/I	32,3	31,6	32,4	32,5
50	34,7	35,7	31,8	26,5	32,2	S/I	32,8	32,5	*	32,7

Sigma-t (kg·m ⁻³)										
Cruceros	03-12-08	31-01-09	22-03-09	30-04-09	01-06-06	31-07-09	03-09-09	06-10-09	07-11-09	08-12-09
Prof (m)										
0	16,5	10,9	19,0	21,4	18,7	S/I	22,3	21,3	21,7	20,9
5	19,8	23,6	19,7	21,1	21,5	S/I	22,7	22,9	22,0	22,5
10	22,2	18,7	20,8	21,9	22,9	S/I	22,8	23,4	22,4	23,1
20	24,6	23,4	22,3	19,7	24,0	S/I	23,0	24,2	24,5	24,6
30	24,7	24,3	23,1	19,4	24,1	S/I	24,8	24,5	25,0	24,9
40	25,1	24,6	23,5	19,6	24,7	S/I	25,1	24,6	25,2	25,3
50	25,4	25,0	24,3	20,5	24,8	S/I	25,4	25,3	*	25,4

Oxígeno (mg/l)										
Cruceros	03-12-08	31-01-09	22-03-09	30-04-09	01-06-06	31-07-09	03-09-09	06-10-09	07-11-09	08-12-09
Prof (m)										
0	9,4	9,4	9,4	9,8	9,3	S/I	10,7	10,6	11,4	10,7
5	9,3	9,1	9,1	9,4	8,6	S/I	10,6	10,1	11,3	10,5
10	9,1	8,9	8,7	9,3	8,1	S/I	10,1	9,5	10,7	9,5
20	9,4	9,1	8,6	8,8	8,1	S/I	9,9	9,3	8,7	8,5
30	8,8	8,7	8,3	8,4	8,1	S/I	8,9	9,4	8,2	8,0
40	8,5	8,4	8,1	8,3	8,1	S/I	8,5	9,3	8,3	7,5
50	8,5	8,4	8,3	8,5	8,1	S/I	8,3	8,4	*	7,4

Anexo 80 (continuaci3n)

Estaci3n M11: Isla Topar

Temperatura (°C)										
Cruceros	03-12-08	31-01-09	23-03-09	30-04-09	01-06-06	31-07-09	03-09-09	06-10-09	07-11-09	08-12-09
Prof (m)										
0	9,6	11,0	10,0	8,5	6,4	S/I	6,1	6,0	7,1	8,9
5	8,5	10,2	10,3	8,8	7,2	S/I	6,1	6,7	7,2	8,3
10	8,6	9,6	10,8	9,0	9,4	S/I	6,3	7,0	7,3	8,2
20	8,7	8,3	11,9	9,9	9,7	S/I	7,6	7,3	7,8	8,1
30	8,9	*	11,9	10,6	9,8	S/I	8,7	8,0	8,2	8,3
40	8,9	*	10,6	10,5	10,0	S/I	9,1	8,3	8,4	8,4
50	8,9	*	9,6	10,5	10,1	S/I	9,2	8,9	8,6	8,6

Salinidad (psu)										
Cruceros	03-12-08	31-01-09	23-03-09	30-04-09	01-06-06	31-07-09	03-09-09	06-10-09	07-11-09	08-12-09
Prof (m)										
0	28,2	22,2	24,5	27,5	22,9	S/I	28,2	25,3	28,0	27,7
5	29,5	25,0	25,1	27,3	25,1	S/I	28,3	28,4	28,4	29,0
10	31,3	29,7	26,0	27,2	30,0	S/I	28,9	29,0	28,7	29,9
20	33,4	31,6	28,8	26,6	31,0	S/I	30,6	30,1	31,5	31,5
30	34,1	*	30,1	26,1	31,3	S/I	32,2	31,8	32,1	32,3
40	34,5	*	31,4	26,2	32,0	S/I	32,6	32,4	32,4	32,5
50	34,7	*	31,7	26,3	32,4	S/I	32,8	32,7	32,7	32,8

Sigma-t (kg·m ⁻³)										
Cruceros	03-12-08	31-01-09	23-03-09	30-04-09	01-06-06	31-07-09	03-09-09	06-10-09	07-11-09	08-12-09
Prof (m)										
0	19,5	14,1	18,8	21,3	18,0	S/I	22,2	19,9	21,9	21,5
5	21,4	16,0	19,2	21,2	19,6	S/I	22,2	22,3	22,2	22,5
10	22,7	20,7	19,8	21,1	23,2	S/I	22,7	22,7	22,5	23,2
20	24,4	23,3	21,8	20,4	23,9	S/I	23,9	23,5	24,6	24,5
30	24,9	*	22,8	19,9	24,1	S/I	25,0	24,8	25,0	25,1
40	25,2	*	24,0	20,0	24,6	S/I	25,2	25,2	25,2	25,3
50	25,4	*	24,4	20,1	24,9	S/I	25,3	25,4	25,4	25,4

Oxigeno (mg/l)										
Cruceros	03-12-08	31-01-09	23-03-09	30-04-09	01-06-06	31-07-09	03-09-09	06-10-09	07-11-09	08-12-09
Prof (m)										
0	9,5	9,3	9,5	9,7	10,0	S/I	11,2	10,7	11,1	10,7
5	9,6	9,4	9,4	9,6	9,8	S/I	11,3	10,4	11,1	10,3
10	9,5	9,3	9,2	9,4	8,2	S/I	10,8	10,2	10,6	9,5
20	9,2	9,2	8,7	9,0	8,4	S/I	9,1	9,7	9,5	8,5
30	8,8	*	8,3	8,5	8,4	S/I	8,4	9,0	8,2	7,6
40	7,9	*	7,6	7,6	8,2	S/I	8,2	8,6	8,3	7,5
50	7,5	*	7,5	7,3	8,2	S/I	8,0	7,9	8,1	7,4

Anexo 80 (continuación)

Estación M12: Isla Figueroa

Temperatura (°C)										
Cruceros	03-12-08	31-01-09	23-03-09	30-04-09	01-06-06	30-07-09	03-09-09	09-10-09	07-11-09	08-12-09
Prof (m)										
0	11,8	10,8	10,7	9,3	6,6	S/I	6,5	7,2	7,0	9,2
5	9,8	10,8	10,7	9,4	8,2	S/I	6,7	7,2	7,1	8,9
10	9,3	10,7	10,8	9,5	9,3	S/I	6,7	7,2	7,2	8,2
20	8,5	9,5	11,7	10,0	9,7	S/I	7,7	7,3	7,4	8,1
30	8,5	9,9	11,5	9,9	9,9	S/I	8,5	7,7	8,4	8,5
40	8,4	9,6	10,6	9,9	10,1	S/I	9,0	8,3	8,6	8,8
50	8,5	9,3	9,2	8,9	10,1	S/I	9,3	8,6	8,7	8,9

Salinidad (psu)										
Cruceros	03-12-08	31-01-09	23-03-09	30-04-09	01-06-06	30-07-09	03-09-09	09-10-09	07-11-09	08-12-09
Prof (m)										
0	27,3	29,0	25,4	26,4	22,3	S/I	28,2	28,7	28,7	27,9
5	29,9	29,0	25,8	26,3	26,2	S/I	29,4	29,0	29,0	28,2
10	29,8	29,1	26,0	26,2	29,4	S/I	29,5	29,2	29,2	29,0
20	32,2	32,6	29,7	25,9	31,0	S/I	31,0	30,0	30,0	30,6
30	33,3	34,7	30,6	26,0	31,3	S/I	31,9	31,3	32,1	32,4
40	33,7	34,2	30,9	26,6	32,2	S/I	32,6	32,1	32,3	32,7
50	34,0	34,5	31,3	27,0	32,5	S/I	32,8	32,5	32,6	32,9

Sigma-t (kg·m ⁻³)										
Cruceros	03-12-08	31-01-09	23-03-09	30-04-09	01-06-06	30-07-09	03-09-09	09-10-09	07-11-09	08-12-09
Prof (m)										
0	17,3	19,3	19,4	20,3	17,5	S/I	22,9	22,5	22,5	21,5
5	20,7	19,3	19,7	20,3	20,4	S/I	23,1	22,6	22,7	21,8
10	21,0	19,5	19,8	20,2	22,7	S/I	23,1	22,9	22,8	22,5
20	23,6	23,1	22,5	19,8	23,9	S/I	24,1	23,5	23,4	23,8
30	24,6	24,1	23,3	20,0	24,1	S/I	24,7	24,4	24,9	25,1
40	25,0	24,4	23,6	20,5	24,8	S/I	25,2	24,9	25,1	25,4
50	25,2	24,9	24,2	20,9	25,0	S/I	25,4	25,2	25,3	25,5

Oxígeno (mg/l)										
Cruceros	03-12-08	31-01-09	23-03-09	30-04-09	01-06-06	30-07-09	03-09-09	09-10-09	07-11-09	08-12-09
Prof (m)										
0	10,0	10,2	9,4	10,4	10,2	S/I	10,8	10,1	10,8	10,4
5	10,2	10,0	9,3	10,2	8,8	S/I	10,7	10,0	10,8	10,3
10	9,6	9,4	9,1	9,6	8,4	S/I	10,1	10,0	10,6	9,7
20	8,0	7,9	8,3	7,8	8,5	S/I	9,7	9,4	10,1	8,1
30	6,7	6,5	8,0	6,5	8,3	S/I	7,8	9,1	6,9	6,7
40	6,6	6,5	7,7	6,4	8,1	S/I	7,3	8,1	7,0	6,6
50	6,6	6,5	7,3	6,6	7,9	S/I	7,3	7,1	6,9	6,6

Anexo 80 (continuación)

Estación M13: Estero Peel

Temperatura (°C)										
Cruceros	05-12-08	31-01-09	23-03-09	29-04-09	01-06-06	30-07-09	06-09-09	05-10-09	07-11-09	08-12-09
Prof (m)										
0	10,5	9,9	8,9	6,7	7,3	S/I	6,1	5,5	6,8	8,3
5	10,2	10,5	10,4	7,7	7,5	S/I	6,3	7,0	6,9	8,4
10	9,3	10,0	10,6	8,7	8,1	S/I	6,4	7,2	7,0	8,1
20	8,2	9,1	10,4	9,9	9,4	S/I	6,8	7,9	7,5	8,1
30	8,1	8,6	10,4	10,2	9,2	S/I	7,6	8,7	8,1	8,3
40	8,2	8,6	10,2	10,1	8,9	S/I	8,0	8,9	8,5	8,5
50	8,2	8,5	10,0	9,5	8,9	S/I	8,4	*	*	*

Salinidad (psu)										
Cruceros	05-12-08	31-01-09	23-03-09	29-04-09	01-06-06	30-07-09	06-09-09	05-10-09	07-11-09	08-12-09
Prof (m)										
0	28,0	21,6	19,2	27,9	25,1	S/I	28,1	27,2	28,2	25,9
5	29,3	27,9	22,9	27,3	25,4	S/I	28,6	29,4	28,6	26,4
10	30,2	29,0	24,7	26,5	26,2	S/I	28,8	29,7	28,8	28,5
20	31,3	31,4	29,7	25,6	30,4	S/I	29,7	31,0	31,1	30,3
30	32,0	33,1	30,9	25,4	31,1	S/I	30,7	32,4	32,3	31,5
40	33,4	33,5	31,2	25,4	31,7	S/I	31,8	32,6	32,6	32,3
50	33,5	33,1	31,4	25,8	31,0	S/I	32,2	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	31-01-09	23-03-09	29-04-09	01-06-06	30-07-09	06-09-09	05-10-09	07-11-09	08-12-09
Prof (m)										
0	18,7	14,4	14,8	21,8	19,6	S/I	22,1	21,5	22,1	20,1
5	20,0	18,7	17,5	21,3	19,8	S/I	22,5	23,0	22,4	20,5
10	21,3	19,8	18,9	20,5	20,4	S/I	22,6	23,2	22,5	22,2
20	23,1	22,4	22,8	19,7	23,5	S/I	23,2	24,2	24,3	23,6
30	23,8	24,3	23,7	19,4	24,1	S/I	24,0	25,2	25,2	24,5
40	24,9	24,6	24,0	16,5	24,5	S/I	24,8	25,2	25,3	25,1
50	25,0	24,4	16,2	19,9	24,8	S/I	25,0	*	*	*

Oxígeno (mg/l)										
Cruceros	05-12-08	31-01-09	23-03-09	29-04-09	01-06-06	30-07-09	06-09-09	05-10-09	07-11-09	08-12-09
Prof (m)										
0	10,0	10,0	10,2	10,5	9,8	S/I	12,0	10,4	6,9	10,8
5	9,6	9,5	9,5	9,9	9,6	S/I	11,6	10,1	10,7	10,8
10	9,4	9,3	9,3	9,5	8,3	S/I	11,3	9,3	8,9	9,8
20	8,4	8,2	8,1	8,1	7,4	S/I	10,2	8,6	9,2	8,4
30	8,3	8,2	8,0	8,0	7,1	S/I	8,9	7,7	7,4	7,7
40	8,2	8,1	7,9	7,9	7,0	S/I	8,3	7,4	6,9	7,0
50	8,3	8,2	8,0	8,1	6,9	S/I	7,4	*	*	

Anexo 80 (continuación)

Estación M14: Puerto Bueno

Temperatura (°C)										
Cruceros	05-12-08	30-01-09	23-03-09	29-04-09	01-06-06	30-07-09	02-09-09	05-10-09	06-11-09	08-12-09
Prof (m)										
0	10,1	10,6	9,5	8,7	7,1	S/I	6,2	6,2	6,8	8,8
5	10,1	10,6	10,0	8,9	7,2	S/I	6,2	6,3	6,8	8,5
10	10,1	10,6	10,4	9,0	7,7	S/I	6,3	6,6	6,9	8,2
20	8,0	10,0	10,4	10,1	9,1	S/I	6,4	7,1	7,2	8,0
30	8,2	8,9	10,3	10,4	9,1	S/I	8,0	8,1	7,4	8,3
40	8,3	8,8	10,4	10,0	8,9	S/I	8,9	8,6	7,8	8,5
50	*	8,6	9,9	9,6	8,9	S/I	9,0	8,8	8,0	8,7

Salinidad (psu)										
Cruceros	05-12-08	30-01-09	23-03-09	29-04-09	01-06-06	30-07-09	02-09-09	05-10-09	06-11-09	08-12-09
Prof (m)										
0	29,3	27,0	21,0	26,4	24,3	S/I	28,6	27,5	28,1	26,6
5	29,3	27,1	22,4	26,2	24,5	S/I	28,8	27,9	28,1	27,1
10	29,3	27,2	24,1	26,2	25,1	S/I	28,9	28,6	28,6	27,9
20	32,2	29,2	27,7	25,4	30,0	S/I	29,2	29,8	29,2	31,0
30	33,2	32,7	30,3	25,1	31,1	S/I	31,3	31,3	30,0	32,2
40	33,6	33,4	30,9	25,4	32,0	S/I	32,0	32,0	31,3	32,4
50	*	33,7	31,5	25,7	32,2	S/I	32,1	32,3	31,8	32,7

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	30-01-09	23-03-09	29-04-09	01-06-06	30-07-09	02-09-09	05-10-09	06-11-09	08-12-09
Prof (m)										
0	19,9	17,9	16,1	20,4	19,0	S/I	22,5	21,6	22,0	20,6
5	20,0	18,0	17,1	20,3	19,1	S/I	22,7	21,9	22,0	21,0
10	20,1	18,1	18,4	20,2	19,6	S/I	22,7	22,4	22,4	21,7
20	30,0	20,1	21,2	19,5	23,2	S/I	22,9	23,3	22,8	24,1
30	24,8	23,7	23,2	19,2	24,1	S/I	24,4	24,3	23,4	25,0
40	25,0	24,5	23,7	19,5	24,8	S/I	24,8	24,9	24,4	25,2
50	*	24,8	24,2	19,8	24,9	S/I	24,9	25,0	24,7	25,4

Oxígeno (mg/l)										
Cruceros	05-12-08	30-01-09	23-03-09	29-04-09	01-06-06	30-07-09	02-09-09	05-10-09	06-11-09	08-12-09
Prof (m)										
0	10,7	10,7	10,2	10,9	10,0	S/I	10,3	10,2	10,9	10,9
5	10,7	10,6	9,6	10,8	9,9	S/I	10,2	10,1	10,8	10,9
10	10,1	10,1	9,3	10,3	9,1	S/I	10,1	9,9	10,8	10,4
20	7,6	7,3	8,4	7,3	7,7	S/I	10,0	9,5	10,0	7,6
30	7,0	6,9	8,0	6,7	7,3	S/I	8,9	8,6	9,3	7,0
40	6,9	6,9	7,9	6,7	7,0	S/I	7,6	8,0	8,0	6,9
50	*	6,8	8,0	6,7	6,9	S/I	7,5	7,6	7,5	6,8

Anexo 80 (continuación)

Estación M15: Isla Vancouver

Temperatura (°C)										
Cruceros	02-12-08	30-01-09	23-03-09	29-04-09	29-05-09	30-07-09	02-09-09	05-10-09	06-11-09	08-12-09
Prof (m)										
0	11,1	10,6	10,2	8,6	6,5	S/I	6,4	7,1	6,8	8,8
5	10,0	10,6	10,3	8,6	6,7	S/I	6,4	7,1	6,8	8,1
10	9,0	10,5	10,3	8,7	7,3	S/I	6,4	7,1	6,8	7,8
20	7,8	10,0	10,4	9,2	9,0	S/I	7,2	7,1	7,1	7,7
30	7,9	9,3	10,5	10,3	10,1	S/I	8,6	7,2	7,2	8,6
40	8,1	9,2	10,8	10,0	10,1	S/I	9,4	8,7	8,5	8,9
50	8,4	9,1	10,5	9,7	10,0	S/I	9,4	9,2	9,0	9,0

Salinidad (psu)										
Cruceros	02-12-08	30-01-09	23-03-09	29-04-09	29-05-09	30-07-09	02-09-09	05-10-09	06-11-09	08-12-09
Prof (m)										
0	26,2	26,0	24,0	26,3	23,2	S/I	29,0	29,6	28,5	25,4
5	28,1	26,3	24,6	26,3	23,6	S/I	29,0	29,7	28,6	27,2
10	28,9	27,1	25,2	26,2	25,0	S/I	29,2	29,7	28,7	27,9
20	30,3	29,6	26,1	25,8	27,6	S/I	29,9	29,8	29,5	28,9
30	32,1	31,7	30,1	25,0	31,1	S/I	31,7	29,8	29,8	32,2
40	33,2	34,4	31,0	25,1	31,7	S/I	32,3	32,3	32,0	32,5
50	33,8	34,5	31,6	25,4	32,0	S/I	32,5	32,4	32,5	32,6

Sigma-t (kg·m ⁻³)										
Cruceros	02-12-08	17-01-00	23-03-09	29-04-09	29-05-09	30-07-09	02-09-09	05-10-09	06-11-09	08-12-09
Prof (m)										
0	17,0	17,2	18,4	20,4	18,2	S/I	22,7	23,2	22,3	19,6
5	19,2	17,4	18,8	20,3	18,5	S/I	22,8	23,2	22,4	21,2
10	20,5	18,1	19,3	20,3	19,5	S/I	22,9	23,2	22,4	21,7
20	22,6	20,4	20,0	19,9	21,3	S/I	23,4	23,3	23,1	22,5
30	24,0	22,6	23,2	19,1	23,9	S/I	24,6	23,3	23,3	25,0
40	24,8	24,9	23,8	19,3	24,4	S/I	24,9	25,1	24,9	25,1
50	25,2	25,0	24,2	19,5	24,6	S/I	25,1	25,0	25,2	25,2

Oxígeno (mg/l)										
Cruceros	02-12-08	17-01-00	23-03-09	29-04-09	29-05-09	30-07-09	02-09-09	05-10-09	06-11-09	08-12-09
Prof (m)										
0	9,9	9,9	9,6	10,2	10,2	S/I	10,2	9,6	10,9	10,2
5	10,0	9,9	9,4	10,2	10,0	S/I	10,2	9,5	10,8	10,2
10	10,0	9,8	9,4	10,1	9,6	S/I	10,2	9,4	10,8	10,2
20	9,3	9,1	9,2	9,2	7,9	S/I	9,5	9,4	9,8	9,4
30	7,0	6,8	8,1	6,7	8,1	S/I	8,0	9,4	9,8	6,9
40	7,0	6,9	8,1	6,7	7,8	S/I	7,7	8,3	8,6	6,9
50	7,0	6,9	7,9	6,8	7,7	S/I	7,6	7,2	7,1	6,9

Anexo 80 (continuación)

Estación M16: Isla Piazzì

Temperatura (°C)										
Cruceros	02-12-08	30-01-09	24-03-09	29-04-09	29-05-09	30-07-09	02-09-09	05-10-09	06-11-09	07-12-09
Prof (m)										
0	9,9	10,6	9,9	8,1	6,3	S/I	6,0	6,4	6,5	8,0
5	9,5	10,6	10,0	8,2	6,6	S/I	6,1	6,6	6,4	7,6
10	9,0	10,6	10,0	8,4	6,5	S/I	6,2	6,7	6,5	7,7
20	8,6	10,2	10,0	8,6	8,0	S/I	6,9	6,9	6,7	7,3
30	7,7	8,8	9,8	10,5	10,1	S/I	8,1	6,9	7,1	8,4
40	8,4	8,7	9,8	10,2	10,2	S/I	9,4	7,1	8,7	9,0
50	8,4	8,6	9,9	9,6	9,8	S/I	9,5	9,2	9,1	9,1

Salinidad (psu)										
Cruceros	02-12-08	30-01-09	24-03-09	29-04-09	29-05-09	30-07-09	02-09-09	05-10-09	06-11-09	07-12-09
Prof (m)										
0	28,6	26,2	22,5	26,0	22,3	S/I	27,5	28,3	27,2	26,8
5	28,8	26,7	22,9	25,9	22,6	S/I	28,1	28,8	27,3	26,9
10	28,9	26,9	23,1	25,8	22,7	S/I	28,2	28,9	27,7	27,1
20	28,8	29,4	23,5	25,5	28,5	S/I	28,9	29,1	28,2	27,5
30	29,3	33,0	24,7	24,0	31,1	S/I	31,0	29,2	29,5	31,7
40	33,7	33,9	30,9	23,9	31,5	S/I	32,1	29,5	31,9	32,5
50	34,0	34,1	31,5	24,0	31,8	S/I	32,4	32,5	32,6	32,8

Sigma-t (kg·m ⁻³)										
Cruceros	02-12-08	30-01-09	24-03-09	29-04-09	29-05-09	30-07-09	02-09-09	05-10-09	06-11-09	07-12-09
Prof (m)										
0	19,6	17,3	17,2	20,2	17,5	S/I	21,6	22,2	21,3	20,8
5	20,1	17,7	17,5	20,1	17,7	S/I	22,1	22,6	21,5	21,0
10	20,5	17,9	17,7	20,0	17,8	S/I	22,2	22,7	21,7	21,1
20	20,8	20,1	18,0	19,8	22,2	S/I	22,6	22,8	22,1	21,5
30	22,4	24,0	21,3	18,3	23,9	S/I	24,2	22,9	23,1	24,6
40	25,0	24,9	23,8	18,3	24,2	S/I	24,8	23,1	24,8	25,1
50	25,3	25,1	24,3	18,4	24,5	S/I	25,0	25,1	25,2	25,3

Oxígeno (mg/l)										
Cruceros	02-12-08	30-01-09	24-03-09	29-04-09	29-05-09	30-07-09	02-09-09	05-10-09	06-11-09	07-12-09
Prof (m)										
0	10,3	10,2	9,5	10,5	27,4	S/I	10,6	9,9	10,4	10,6
5	10,2	10,1	9,5	10,4	10,2	S/I	10,4	9,8	10,4	10,5
10	10,4	10,1	9,5	10,5	10,0	S/I	10,2	9,7	10,4	10,5
20	9,9	9,7	9,4	9,9	9,0	S/I	9,4	9,6	10,4	10,1
30	7,5	7,3	8,0	7,1	7,6	S/I	8,6	9,5	9,4	7,4
40	6,9	6,8	7,8	6,6	7,6	S/I	7,6	9,4	6,8	6,8
50	7,0	7,0	7,8	6,8	7,5	S/I	7,6	6,7	6,9	6,9

Anexo 80 (continuación)

Estación M17: Caleta Williams

Temperatura (°C)										
Cruceros	05-12-08	03-02-09	24-03-09	03-05-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	10,0	10,5	9,8	7,8	5,9	S/I	5,4	6,4	6,0	8,2
5	9,5	10,5	9,8	7,9	6,1	S/I	5,5	6,4	6,0	8,3
10	8,5	10,6	9,9	8,1	6,3	S/I	5,6	6,4	6,0	8,2
20	7,9	10,2	10,0	9,2	8,7	S/I	6,2	6,5	6,5	7,5
30	7,8	8,9	9,7	9,6	9,6	S/I	9,2	7,0	7,8	8,4
40	8,4	8,5	10,1	9,6	9,6	S/I	9,3	9,1	8,5	8,7
50	8,6	8,6	9,7	9,1	9,4	S/I	9,3	9,3	8,7	8,9
75	*	8,7	8,9	8,8	*	S/I	9,0	9,1	8,9	8,8
100	*	*	8,7	*	*	S/I	8,9	*	8,8	*

Salinidad (psu)										
Cruceros	05-12-08	03-02-09	24-03-09	03-05-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	27,9	23,7	22,3	28,4	21,0	S/I	25,8	27,4	25,1	25,1
5	28,3	23,7	22,3	28,3	21,2	S/I	26,2	27,5	25,6	25,4
10	28,9	23,9	22,3	28,2	21,8	S/I	26,4	27,7	26,0	26,0
20	29,7	29,6	22,6	27,2	28,1	S/I	27,6	28,1	28,0	28,8
30	30,4	33,2	24,5	26,8	30,9	S/I	31,9	29,5	31,0	31,6
40	33,2	34,0	31,0	26,7	31,5	S/I	32,3	32,3	31,9	32,4
50	34,3	34,2	31,6	27,0	31,9	S/I	32,3	32,6	32,5	32,8
75	*	34,5	32,2	27,0	*	S/I	32,9	32,9	32,9	33,0
100	*	*	32,7	*	*	S/I	32,9	*	33,0	*

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	03-02-09	24-03-09	03-05-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	19,0	15,6	17,1	22,1	16,5	S/I	20,3	21,5	19,8	19,5
5	19,7	15,6	17,1	22,1	16,7	S/I	20,6	21,6	20,1	19,7
10	20,9	15,7	17,1	21,9	17,1	S/I	20,8	21,8	20,4	20,2
20	22,0	20,2	17,3	21,0	21,8	S/I	21,7	22,1	22,0	22,5
30	22,7	24,1	18,8	20,6	23,8	S/I	24,6	23,1	24,1	24,5
40	24,6	25,1	23,8	20,6	24,3	S/I	25,0	25,0	24,8	25,1
50	25,3	25,3	24,4	20,8	24,6	S/I	25,1	25,2	25,2	25,4
75	*	25,6	24,9	20,9	*	S/I	25,5	25,5	25,5	25,6
100	*	*	25,4	*	*	S/I	25,5	*	25,6	*

Oxígeno (mg/l)										
Cruceros	05-12-08	03-02-09	24-03-09	03-05-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	9,9	9,9	9,6	10,2	10,6	S/I	10,9	10,4	10,5	10,8
5	9,7	9,6	9,6	9,9	10,6	S/I	10,8	10,4	10,2	10,4
10	9,8	9,5	9,6	9,9	10,5	S/I	10,8	10,5	10,2	10,3
20	9,7	9,3	9,5	9,5	8,0	S/I	10,2	10,1	9,8	9,2
30	8,6	8,5	8,2	8,4	7,4	S/I	7,5	9,4	8,6	7,1
40	7,0	7,0	7,9	6,8	7,4	S/I	7,3	6,6	7,0	6,7
50	6,7	6,7	7,7	6,6	7,3	S/I	7,2	7,2	6,7	6,5
75	*	6,7	7,6	6,7	*	S/I	6,8	6,9	6,7	6,4
100	*	*	6,8	*	*	S/I	6,6	*	6,8	*

Anexo 80 (continuaci3n)

Estaci3n M18: Bahía Ensenada

Temperatura (°C)										
Cruceros	05-12-08	03-02-09	24-03-09	03-05-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	9,1	10,5	9,8	7,8	6,0	S/I	5,6	6,1	5,9	8,2
5	9,1	10,5	9,8	7,9	6,1	S/I	5,7	6,1	6,1	8,3
10	8,8	10,6	9,8	8,0	6,3	S/I	5,8	6,1	6,2	8,2
20	8,1	9,9	9,8	9,3	7,5	S/I	5,9	6,3	6,8	7,5
30	7,7	9,4	9,7	9,7	9,3	S/I	8,9	7,0	7,4	8,4
40	7,8	9,0	9,5	9,5	9,2	S/I	9,1	9,1	8,0	*
50	*	8,7	9,3	9,2	9,0	S/I	9,0	9,3	*	*

Salinidad (psu)										
Cruceros	05-12-08	03-02-09	24-03-09	03-05-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	29,0	24,8	21,9	27,5	21,6	S/I	26,4	26,3	25,1	25,4
5	29,0	25,1	21,9	27,4	21,6	S/I	26,6	26,3	26,7	25,6
10	29,2	26,3	21,9	27,2	21,8	S/I	27,1	26,3	27,1	25,6
20	29,7	30,6	21,9	26,1	24,1	S/I	27,5	28,0	29,2	28,5
30	31,1	32,2	24,8	25,6	30,1	S/I	31,7	29,3	30,3	31,5
40	31,6	33,5	30,7	25,5	31,2	S/I	32,2	32,5	31,5	*
50	*	34,0	31,3	25,4	31,6	S/I	32,4	32,7	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	03-02-09	24-03-09	03-05-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	20,5	16,4	16,8	21,4	17,0	S/I	20,8	20,6	19,8	19,7
5	20,5	16,6	16,8	21,3	17,0	S/I	21,0	20,6	21,0	19,8
10	20,9	17,5	16,8	21,2	17,1	S/I	21,4	20,7	21,3	19,9
20	21,8	21,2	16,8	20,1	18,8	S/I	21,6	22,0	22,9	22,3
30	23,4	22,9	19,1	19,6	23,3	S/I	24,6	22,9	23,7	24,4
40	23,8	24,3	23,6	19,6	24,2	S/I	24,9	25,1	24,5	*
50	*	25,1	24,1	19,6	24,4	S/I	25,1	25,2	*	*

Oxígeno (mg/l)										
Cruceros	05-12-08	03-02-09	24-03-09	03-05-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	10,4	10,2	9,6	10,5	10,5	S/I	10,6	10,8	10,4	10,4
5	10,4	10,2	9,6	10,5	10,5	S/I	10,6	10,8	10,2	10,4
10	10,3	10,1	9,7	10,4	10,3	S/I	10,7	10,7	10,1	10,3
20	9,6	9,4	9,6	9,5	8,7	S/I	10,3	9,9	9,7	9,0
30	9,3	9,1	8,2	9,1	7,2	S/I	7,2	9,4	8,3	6,9
40	6,6	6,5	7,6	6,4	7,0	S/I	7,1	6,5	7,9	*
50	*	7,2	7,7	7,2	6,9	S/I	6,9	7,1	*	*

Anexo 80 (continuación)

Estación M19: Bahía Isthmus

Temperatura (°C)										
Cruceros	05-12-08	03-02-09	24-03-09	23-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	9,0	10,7	9,8	8,4	6,4	S/I	5,6	6,2	5,8	8,2
5	8,9	10,6	9,8	8,4	7,1	S/I	5,6	6,2	5,9	8,2
10	8,8	10,6	9,8	8,4	8,7	S/I	5,6	6,1	5,9	8,2
20	8,3	10,0	9,9	9,3	10,0	S/I	5,7	6,5	6,4	7,4
30	7,7	9,3	9,7	9,6	9,9	S/I	8,7	7,5	7,7	8,3
40	7,8	8,7	9,4	9,6	9,7	S/I	9,0	8,6	8,3	8,8
50	7,9	8,6	9,4	9,2	9,5	S/I	9,0	9,0	8,6	8,9
75	8,7	8,7	*	*	*	S/I	*	*	*	*
100	*	8,8	*	*	*	S/I	*	*	*	*

Salinidad (psu)										
Cruceros	05-12-08	03-02-09	24-03-09	23-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	28,9	24,8	21,9	25,8	23,0	S/I	25,7	25,1	25,8	25,6
5	28,9	25,1	21,9	25,8	24,2	S/I	25,7	25,3	25,8	25,6
10	29,1	25,3	21,9	25,8	27,1	S/I	26,0	26,6	26,1	25,7
20	29,3	30,0	22,0	25,0	30,6	S/I	26,9	28,0	27,5	28,1
30	30,9	32,7	25,5	25,7	31,3	S/I	31,6	29,9	31,0	31,2
40	31,6	33,8	30,7	24,5	31,8	S/I	32,3	32,3	32,0	32,4
50	32,9	34,1	31,4	24,6	32,0	S/I	32,4	32,5	32,5	32,8
75	34,7	34,6	*	*	*	S/I	*	*	*	*
100	*	35,0	*	*	*	S/I	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	03-02-09	24-03-09	23-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	20,5	16,2	16,8	20,0	18,0	S/I	20,3	19,7	20,3	19,9
5	20,6	16,5	16,8	20,0	18,9	S/I	20,3	19,9	20,3	19,9
10	20,8	16,7	16,8	20,0	21,0	S/I	20,5	20,9	20,5	20,0
20	21,4	20,7	16,9	19,3	23,5	S/I	21,2	22,0	21,6	21,9
30	23,2	23,4	19,6	19,0	24,1	S/I	24,5	23,3	24,2	24,3
40	23,8	24,8	23,7	18,8	24,5	S/I	25,0	25,1	24,9	25,1
50	24,1	25,1	24,2	19,0	24,7	S/I	25,1	25,2	25,2	25,4
75	25,7	25,6	*	*	*	S/I	*	*	*	*
100	*	25,9	*	*	*	S/I	*	*	*	*

Oxígeno (mg/l)										
Cruceros	05-12-08	03-02-09	24-03-09	23-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	10,1	9,8	9,6	10,2	9,9	S/I	10,8	10,7	10,4	10,4
5	9,8	9,6	9,6	9,9	9,7	S/I	10,8	10,7	10,4	10,3
10	9,8	9,5	9,6	9,8	8,4	S/I	10,8	10,5	10,3	10,4
20	9,6	9,4	9,6	9,5	7,7	S/I	10,9	9,6	10,0	9,1
30	8,6	8,4	7,9	8,4	7,5	S/I	7,0	8,8	8,2	7,0
40	7,1	7,0	7,5	6,8	7,4	S/I	7,1	7,3	7,1	6,6
50	6,8	6,7	7,5	6,6	7,3	S/I	6,9	6,8	6,6	6,4
75	6,7	6,7	*	*	*	S/I	*	*	*	*
100	*	6,8	*	*	*	S/I	*	*	*	*

Anexo 80 (continuación)

Estación M20: Isla Larga

Temperatura (°C)										
Cruceros	05-12-08	03-02-09	24-03-09	23-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	9,0	10,5	9,8	8,4	6,0	S/I	5,6	6,2	5,9	7,7
5	9,0	10,5	9,8	8,4	6,1	S/I	5,6	6,1	5,9	7,6
10	8,9	10,5	9,8	8,5	6,2	S/I	5,5	6,1	5,9	7,5
20	8,6	10,1	9,9	9,2	8,0	S/I	5,8	6,6	6,5	7,2
30	7,7	9,3	9,7	9,6	9,4	S/I	8,5	8,0	7,8	8,5
40	7,7	9,1	9,6	9,5	9,3	S/I	9,0	8,9	8,2	9,1
50	8,0	8,7	9,7	9,3	9,1	S/I	8,9	9,1	8,5	9,1
75	*	*	*	8,8	8,8	S/I	8,8	8,9	8,7	8,8
100	*	*	*	*	*	S/I	8,8	*	8,8	*

Salinidad (psu)										
Cruceros	05-12-08	03-02-09	24-03-09	23-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	29,1	25,8	21,9	23,0	21,4	S/I	26,5	25,5	25,1	25,9
5	29,1	26,1	21,9	23,0	21,5	S/I	26,6	26,4	25,2	26,0
10	29,2	26,9	21,9	22,9	21,7	S/I	26,7	26,9	25,2	26,3
20	29,4	29,8	22,2	22,4	25,6	S/I	27,4	29,3	29,0	29,5
30	30,9	32,3	26,3	22,2	30,4	S/I	31,5	31,1	31,4	31,8
40	21,4	33,6	31,0	22,1	31,3	S/I	32,0	32,0	32,0	32,5
50	32,8	34,1	31,5	22,2	31,7	S/I	32,4	32,4	32,3	32,8
75	*	*	*	22,4	32,4	S/I	32,7	32,8	32,8	33,0
100	*	*	*	*	*	S/I	32,9	*	33,0	*

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	03-02-09	24-03-09	23-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	20,7	17,1	16,8	17,8	16,8	S/I	20,9	20,0	19,8	20,2
5	20,7	17,3	16,8	17,8	16,9	S/I	21,0	20,8	19,8	20,3
10	20,8	17,9	16,8	17,8	17,0	S/I	21,0	21,2	19,9	20,5
20	21,2	20,5	17,0	17,3	19,9	S/I	21,6	23,0	22,7	23,1
30	23,2	23,0	20,2	17,0	23,5	S/I	24,5	24,2	24,4	24,7
40	23,7	24,3	23,9	17,0	24,2	S/I	24,8	24,8	24,8	25,2
50	24,7	25,1	24,3	17,1	24,5	S/I	25,1	25,1	25,1	25,4
75	*	*	*	17,3	25,1	S/I	25,4	25,4	25,5	25,6
100	*	*	*	*	*	S/I	25,5	*	25,6	*

Oxígeno (mg/l)										
Cruceros	05-12-08	03-02-09	24-03-09	23-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	10,0	9,8	9,7	10,1	10,5	S/I	11,0	10,8	10,5	10,4
5	10,1	9,8	9,7	10,1	10,5	S/I	11,0	10,7	10,5	10,4
10	10,0	9,8	9,6	10,1	10,4	S/I	10,9	10,5	10,4	10,3
20	9,7	9,5	9,5	9,6	8,2	S/I	10,8	9,8	10,0	9,4
30	8,0	7,8	8,0	7,8	7,3	S/I	7,5	8,0	8,0	6,9
40	7,4	7,2	7,6	7,1	7,1	S/I	7,2	6,8	7,3	6,7
50	6,9	6,8	7,7	6,8	7,0	S/I	6,8	6,8	6,9	6,8
75	*	*	*	6,4	6,6	S/I	6,5	6,3	6,4	6,4
100	*	*	*	*	*	S/I	6,5	*	6,7	*

Anexo 80 (continuación)

Estación M21: Puerto Fontaine

Temperatura (°C)										
Cruceros	05-12-08	03-02-09	24-03-09	24-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	10,0	10,9	9,6	8,2	6,1	S/I	5,9	6,5	6,0	8,5
5	9,9	10,4	9,6	8,3	6,3	S/I	5,8	6,4	6,0	8,6
10	9,9	10,3	9,6	8,3	6,3	S/I	5,8	6,4	6,0	8,6
20	9,7	10,3	9,7	8,4	8,2	S/I	5,9	6,5	6,7	7,6
30	8,4	9,0	9,6	9,8	9,4	S/I	7,8	7,3	7,1	8,5
40	8,5	8,7	9,3	9,7	9,4	S/I	9,0	8,6	8,3	8,8
50	8,6	8,6	9,4	9,6	9,4	S/I	9,1	8,8	8,6	8,8

Salinidad (psu)										
Cruceros	05-12-08	03-02-09	24-03-09	24-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	27,0	23,2	20,4	26,1	20,0	S/I	24,1	23,7	24,1	24,0
5	27,0	24,0	20,4	26,1	20,1	S/I	24,3	23,7	24,1	24,2
10	27,0	24,5	20,5	26,1	20,3	S/I	24,5	23,7	24,2	24,2
20	27,0	27,0	20,6	26,0	27,0	S/I	27,3	24,2	28,0	28,7
30	32,7	32,8	22,6	25,0	31,0	S/I	30,3	29,8	29,4	31,1
40	33,9	33,8	30,3	24,9	31,3	S/I	31,8	31,8	31,4	32,3
50	34,0	33,9	31,2	24,9	31,4	S/I	32,0	32,0	31,9	32,4

Sigma-t (kg·m ⁻³)										
Cruceros	05-12-08	03-02-09	24-03-09	24-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	18,3	15,0	15,6	20,3	15,7	S/I	18,9	18,6	18,9	18,6
5	18,4	15,8	15,7	20,3	15,8	S/I	19,1	18,6	18,9	18,7
10	18,4	16,3	15,7	20,3	15,9	S/I	19,3	18,6	19,0	18,7
20	18,5	18,2	15,7	20,2	21,0	S/I	21,5	19,0	22,0	22,4
30	24,2	23,7	17,3	19,2	24,0	S/I	23,6	23,3	23,0	24,1
40	25,0	24,8	23,4	19,1	24,2	S/I	24,6	24,7	24,4	25,0
50	25,1	25,1	24,1	19,1	24,2	S/I	24,8	24,8	24,7	25,1

Oxígeno (mg/l)										
Cruceros	05-12-08	03-02-09	24-03-09	24-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	10,6	10,5	10,0	10,8	10,5	S/I	10,4	10,8	10,3	10,8
5	10,7	10,6	9,9	10,9	10,4	S/I	10,3	10,9	10,3	10,9
10	10,7	10,6	9,9	10,9	10,4	S/I	10,4	10,7	10,3	10,9
20	8,0	8,0	9,9	8,2	8,1	S/I	10,2	10,6	9,4	8,3
30	6,9	6,9	9,0	6,7	7,4	S/I	8,9	9,0	9,0	6,9
40	6,6	6,6	7,4	6,5	7,4	S/I	6,9	7,3	7,4	6,6
50	6,6	6,6	7,5	6,5	7,3	S/I	7,1	7,0	6,9	6,6

Anexo 80 (continuación)

Estación M22: Estero de las Montañas

Temperatura (°C)										
Cruceros	06-12-08	03-02-09	24-03-09	24-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	10,2	11,0	9,5	8,1	5,9	S/I	6,2	7,0	6,2	8,8
5	10,2	10,7	9,6	8,1	6,1	S/I	6,2	6,9	6,3	8,8
10	10,2	10,1	9,6	8,1	6,2	S/I	6,1	6,8	6,4	8,8
20	9,4	9,4	9,6	8,3	8,9	S/I	6,4	6,6	6,9	8,8
30	8,4	8,8	9,2	9,0	10,0	S/I	8,8	7,3	7,9	8,8
40	8,9	8,8	8,9	9,0	9,9	S/I	9,0	8,6	8,7	8,8
50	8,9	8,7	8,8	9,0	9,4	S/I	9,1	8,9	8,8	8,9
75	9,0	8,7	8,8	8,9	9,0	S/I	9,1	9,0	8,9	8,9
100	*	*	8,7	*	*	S/I	9,2	*	*	8,9

Salinidad (psu)										
Cruceros	06-12-08	03-02-09	24-03-09	24-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	25,7	22,4	18,9	26,0	20,6	S/I	23,1	22,6	23,3	23,5
5	25,7	23,0	18,9	26,0	21,1	S/I	23,6	22,8	23,3	23,6
10	25,7	23,1	19,0	25,9	21,5	S/I	24,5	23,6	23,6	23,7
20	26,7	29,6	19,2	25,8	28,6	S/I	27,3	26,7	25,1	31,3
30	32,4	33,6	26,7	25,2	31,1	S/I	31,9	30,0	29,7	32,0
40	34,3	33,9	31,1	25,2	31,6	S/I	32,0	31,7	31,6	32,2
50	34,5	34,1	31,4	25,1	32,0	S/I	32,1	32,0	31,9	32,5
75	34,7	34,2	31,8	24,9	32,5	S/I	32,4	32,4	32,4	32,6
100	*	*	32,1	*	*	S/I	32,4	*	*	32,6

Sigma-t (kg·m ⁻³)										
Cruceros	06-12-08	03-02-09	24-03-09	24-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	17,2	14,4	14,4	20,2	16,2	S/I	18,2	17,7	18,3	18,2
5	17,2	14,9	14,5	20,2	16,5	S/I	18,5	17,9	18,3	18,3
10	17,2	15,4	14,5	20,1	16,9	S/I	19,3	18,5	18,5	18,3
20	18,6	20,8	14,7	20,0	22,1	S/I	21,4	20,9	19,7	24,3
30	23,8	24,5	20,6	19,5	23,9	S/I	24,7	23,4	23,1	24,8
40	25,1	24,8	24,1	19,5	24,3	S/I	24,8	24,6	24,5	25,0
50	25,3	25,1	24,3	19,4	24,7	S/I	24,9	24,8	24,7	25,2
75	25,4	25,3	24,6	19,3	25,1	S/I	25,0	25,1	25,1	25,3
100	*	*	24,9	*	*	S/I	25,1	*	*	25,3

Oxígeno (mg/l)										
Cruceros	06-12-08	03-02-09	24-03-09	24-04-09	02-06-09	03-08-09	07-09-09	10-10-09	10-11-09	11-12-09
Prof (m)										
0	9,9	9,8	10,0	10,2	10,7	S/I	9,9	10,9	10,4	10,1
5	9,9	9,8	10,0	10,2	10,5	S/I	9,9	11,4	10,3	10,1
10	9,8	9,8	9,9	10,1	10,6	S/I	9,8	11,0	10,2	10,0
20	7,1	7,1	9,7	7,2	7,7	S/I	9,7	10,0	9,4	7,2
30	6,2	6,2	7,6	6,1	7,5	S/I	7,2	8,8	8,1	6,2
40	6,5	6,5	6,7	6,4	7,5	S/I	6,9	7,7	7,0	6,5
50	6,5	6,5	6,6	6,5	7,4	S/I	6,9	7,0	6,9	6,5
75	6,5	6,5	6,8	6,5	7,1	S/I	6,9	6,9	6,7	6,5
100	*	*	6,9	*	*	S/I	6,9	*	*	6,5

Anexo 80 (continuaci3n)

Estaci3n M23: Isla Ballesteros

Temperatura (°C)										
Cruceros	06-12-08	04-02-09	24-03-09	24-04-09	02-06-09	04-08-09	08-09-09	11-10-09	10-11-09	11-12-09
Prof (m)										
0	11,5	12,5	10,3	8,6	6,7	S/I	5,0	6,6	6,8	10,1
5	11,3	12,0	10,3	8,8	6,8	S/I	5,1	6,5	6,7	9,4
10	11,0	11,5	10,3	9,1	6,8	S/I	5,2	6,6	6,6	8,5
20	7,8	10,5	10,2	9,3	8,1	S/I	6,5	6,5	6,6	7,5
30	7,6	9,4	9,7	9,3	9,0	S/I	6,7	6,5	6,8	7,5
40	7,4	8,9	9,1	9,1	9,0	S/I	7,0	6,7	6,8	6,9
50	7,3	7,9	8,3	8,2	9,0	S/I	7,1	6,8	6,8	7,0

Salinidad (psu)										
Cruceros	06-12-08	04-02-09	24-03-09	24-04-09	02-06-09	04-08-09	08-09-09	11-10-09	10-11-09	11-12-09
Prof (m)										
0	21,6	13,9	15,7	26,0	19,9	S/I	17,5	16,1	19,0	16,8
5	21,7	16,4	16,3	25,8	20,2	S/I	17,6	17,9	19,0	17,6
10	21,8	19,3	17,1	25,6	20,2	S/I	18,1	19,9	19,5	18,9
20	23,0	22,0	17,8	25,3	28,3	S/I	20,8	20,0	20,6	20,9
30	23,6	23,5	20,3	25,2	31,0	S/I	21,3	21,4	21,8	21,8
40	24,1	24,0	21,3	25,2	31,4	S/I	22,3	22,0	22,2	22,2
50	24,3	24,3	22,3	25,7	31,5	S/I	22,9	22,5	22,5	22,6

Sigma-t (kg·m ⁻³)										
Cruceros	06-12-08	04-02-09	24-03-09	24-04-09	02-06-09	04-08-09	08-09-09	11-10-09	10-11-09	11-12-09
Prof (m)										
0	13,5	7,8	11,9	20,2	15,6	S/I	13,8	12,6	14,9	12,8
5	13,6	9,7	12,4	20,0	15,8	S/I	13,9	14,0	14,9	13,5
10	13,9	11,9	13,0	19,8	15,9	S/I	14,3	15,6	15,3	14,6
20	16,7	14,4	13,5	19,5	22,0	S/I	16,3	15,7	16,1	16,3
30	17,3	16,2	15,5	19,4	24,0	S/I	16,7	16,8	17,0	17,0
40	17,8	16,9	16,4	19,4	24,3	S/I	17,4	17,2	17,4	17,3
50	18,2	17,8	17,3	20,0	24,4	S/I	17,9	17,6	17,6	17,7

Oxigeno (mg/l)										
Cruceros	06-12-08	04-02-09	24-03-09	24-04-09	02-06-09	04-08-09	08-09-09	11-10-09	10-11-09	11-12-09
Prof (m)										
0	10,2	10,1	9,9	10,6	9,4	S/I	11,0	10,9	10,6	10,4
5	10,2	10,1	9,6	10,5	9,7	S/I	11,0	10,9	10,6	10,5
10	10,0	9,9	9,4	10,3	9,7	S/I	10,9	10,6	10,5	10,4
20	9,2	8,8	8,9	9,0	8,6	S/I	8,8	9,4	9,7	9,3
30	9,0	8,8	7,8	8,8	7,1	S/I	8,6	9,2	9,0	9,1
40	8,0	7,8	7,4	7,8	7,1	S/I	8,0	8,1	8,2	8,1
50	7,5	7,5	6,7	7,4	7,1	S/I	6,5	7,6	7,6	7,6

Anexo 80 (continuación)

Estación M24: Bahía Fanny

Temperatura (°C)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	10,0	10,2	9,4	8,2	6,6	4,4	6,9	6,1	7,5	9,8
5	10,0	10,3	9,3	8,2	6,6	4,8	6,9	6,1	7,5	9,7
10	10,0	10,2	9,2	8,2	6,9	5,7	7,0	6,2	7,4	9,6
20	9,7	10,1	8,9	8,2	7,5	6,5	7,0	6,3	7,2	8,4
30	8,1	9,1	8,7	8,2	7,7	6,7	7,0	*	7,1	8,0
40	7,9	8,3	8,7	8,2	7,8	7,0	7,1	*	7,2	7,9
50	7,9	8,0	8,7	8,1	7,9	7,4	7,3	*	7,2	7,9

Salinidad (psu)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	31,9	32,1	31,3	8,2	29,1	26,4	29,7	28,9	29,2	28,7
5	31,1	32,1	31,3	8,2	29,1	26,4	29,7	28,9	29,2	28,7
10	31,1	32,0	31,3	8,2	29,6	28,3	29,8	29,1	29,3	28,8
20	31,8	32,0	31,7	8,2	30,7	29,5	29,8	29,3	29,6	29,7
30	31,8	31,8	32,0	8,2	31,1	29,7	29,8	*	30,0	30,4
40	31,8	31,7	32,0	8,2	31,2	30,2	29,9	*	30,3	30,5
50	31,8	31,8	32,0	8,1	31,4	30,2	30,0	*	30,3	30,5

Sigma-t (kg·m ⁻³)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	22,1	22,0	22,1	22,1	22,4	21,7	23,2	22,7	22,8	22,1
5	22,1	22,0	22,2	22,1	22,5	21,8	23,3	22,7	22,8	22,1
10	22,1	22,1	22,3	22,1	22,7	22,5	23,4	22,9	22,9	22,2
20	22,4	22,1	22,8	22,1	23,1	22,9	23,4	23,0	23,1	23,2
30	23,6	22,9	23,3	22,3	23,4	23,0	23,5	*	23,4	23,8
40	23,8	23,5	23,4	23,3	23,4	23,2	23,5	*	23,7	24,0
50	23,9	23,8	23,4	23,6	23,6	23,4	23,6	*	23,7	24,0

Oxígeno (mg/l)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	9,6	9,5	9,7	S/l	10,0	10,0	9,6	10,3	9,9	10,6
5	9,5	9,5	9,6	S/l	10,0	9,9	9,6	10,3	9,9	10,6
10	9,4	9,4	9,5	S/l	9,9	9,7	9,6	10,2	9,8	10,5
20	9,0	9,0	9,1	S/l	9,3	9,5	9,6	10,0	9,4	9,8
30	8,6	8,4	8,5	S/l	8,6	9,4	9,6	*	8,7	9,0
40	8,4	8,3	8,3	S/l	8,4	9,4	9,5	*	8,5	8,8
50	8,3	8,3	8,2	S/l	8,3	9,3	9,5	*	8,4	9,7

Anexo 80 (continuación)

Estación M25: Estero Silva Palma

Temperatura (°C)										
Cruceros	23-12-08	23-01-09	16-03-09	25-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	9,9	10,8	9,5	8,2	6,2	4,7	6,3	6,8	7,6	9,5
5	9,7	10,1	9,5	8,2	6,3	4,6	6,4	6,8	7,6	9,0
10	9,5	10,0	9,4	8,2	6,4	4,7	6,4	6,9	7,1	8,7
20	9,4	9,6	9,5	8,5	6,4	6,3	6,6	6,9	6,9	7,4
30	8,3	9,1	9,4	8,4	6,4	6,5	6,7	6,9	6,8	7,2
40	7,5	8,8	9,3	*	6,4	6,7	6,7	6,9	6,9	7,2
50	7,2	*	8,2	*	7,4	7,4	6,8	6,9	7,0	7,2

Salinidad (psu)										
Cruceros	23-12-08	23-01-09	16-03-09	25-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	31,2	31,5	30,2	29,9	28,2	27,3	28,4	30,6	27,3	28,1
5	31,2	31,8	30,4	29,9	28,4	27,3	28,8	30,7	27,7	28,6
10	31,3	31,8	30,8	30,0	28,6	27,3	28,9	30,7	28,6	28,9
20	31,3	31,8	31,3	30,8	26,7	29,3	29,1	30,8	28,9	30,1
30	31,3	31,7	31,6	31,2	28,7	26,6	29,2	30,9	29,1	30,3
40	31,0	31,6	31,7	*	28,8	29,9	29,4	30,9	29,5	30,4
50	31,2	*	31,8	*	30,2	30,8	29,4	30,9	29,9	30,4

Sigma-t (kg•m ⁻³)										
Cruceros	23-12-08	23-01-09	16-03-09	25-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	21,6	21,2	21,1	21,9	22,0	22,3	22,3	24,0	21,3	21,6
5	21,8	22,0	21,3	21,9	22,1	22,4	22,6	24,0	21,6	22,2
10	22,0	22,0	21,7	22,0	22,2	22,4	22,7	24,1	22,4	22,5
20	22,2	22,4	22,1	22,5	22,3	22,9	22,9	24,2	22,6	23,6
30	23,0	22,7	22,5	22,9	22,4	23,1	23,0	24,2	22,8	23,9
40	23,6	23,0	22,7	*	22,5	23,2	23,2	24,2	23,1	24,0
50	24,0	*	23,7	*	23,0	23,5	23,3	24,2	23,4	24,0

Oxígeno (mg/l)										
Cruceros	23-12-08	23-01-09	16-03-09	25-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	9,9	9,7	9,9	S/l	10,4	9,9	9,8	9,5	10,2	10,3
5	9,9	9,8	9,9	S/l	10,4	9,9	9,7	9,5	10,2	10,2
10	9,7	9,6	9,7	S/l	10,1	9,9	9,7	9,4	10,0	10,0
20	9,3	9,3	9,3	S/l	9,8	9,5	9,7	9,2	9,7	9,1
30	9,0	8,9	8,9	S/l	9,3	9,4	9,6	9,2	9,2	8,7
40	8,8	8,6	8,5	S/l	8,9	9,4	9,6	9,2	8,9	8,5
50	8,4	*	8,3	S/l	8,4	9,2	9,6	9,2	8,4	7,8

Anexo 80 (continuación)

Estación M26: Estero Wickham

Temperatura (°C)										
Cruceros	22-12-08	23-01-09	16-03-09	25-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	9,5	10,4	9,7	8,0	6,6	4,7	6,7	6,5	7,5	9,8
5	9,5	10,2	9,7	8,0	6,6	4,6	6,7	6,5	7,4	9,6
10	9,3	10,1	9,6	8,1	6,6	4,8	6,8	6,5	7,3	9,3
20	8,5	9,6	9,4	8,4	6,6	6,1	6,8	6,6	7,1	7,6
30	7,6	9,3	9,1	8,5	6,8	6,3	7,1	6,6	7,0	7,4
40	*	9,0	8,6	8,3	7,5	6,6	*	6,8	7,0	7,4
50	*	8,5	8,5	8,3	7,6	*	*	*	7,2	7,3

Salinidad (psu)										
Cruceros	22-12-08	23-01-09	16-03-09	25-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	31,6	31,8	31,1	28,1	29,1	27,4	29,4	29,7	28,8	27,8
5	31,6	31,7	31,1	28,3	29,2	27,2	29,5	29,8	28,9	28,1
10	31,6	31,7	31,4	28,7	29,2	25,5	29,6	29,8	28,9	28,5
20	31,3	31,7	31,7	30,2	29,2	29,0	29,6	29,9	29,1	29,9
30	31,2	31,7	31,8	31,0	29,6	29,3	29,8	30,1	29,4	30,2
40	*	31,7	31,8	31,7	30,7	29,7	*	30,5	29,9	30,2
50	*	31,6	31,8	31,8	31,0	*	*	*	30,2	30,3

Sigma-t (kg·m ⁻³)										
Cruceros	22-12-08	23-01-09	16-03-09	25-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	22,2	21,6	21,7	20,6	22,5	22,4	23,1	23,3	22,5	21,3
5	22,3	21,8	21,8	20,7	22,5	22,3	23,2	23,4	22,6	21,7
10	22,4	21,9	22,0	21,1	22,5	22,5	23,2	23,4	22,6	22,0
20	22,9	22,4	22,4	22,0	22,6	22,9	23,3	23,4	22,8	23,4
30	23,6	22,6	22,8	22,7	22,8	23,0	23,4	23,6	23,0	23,7
40	*	22,8	23,3	23,4	23,2	23,1	*	23,9	23,4	23,8
50	*	23,3	23,4	23,6	23,4	*	*	*	23,6	23,9

Oxígeno (mg/l)										
Cruceros	22-12-08	23-01-09	16-03-09	25-04-09	30-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	9,8	9,7	9,8	S/l	10,2	9,8	9,7	10,2	10,1	10,5
5	9,7	9,6	9,7	S/l	10,1	9,9	9,7	10,2	10,0	10,6
10	9,7	9,6	9,7	S/l	10,1	9,8	9,6	10,1	10,0	10,4
20	9,5	9,3	9,3	S/l	9,7	9,5	9,6	10,1	9,6	9,5
30	9,1	8,8	8,9	S/l	9,2	9,5	9,5	9,8	9,2	8,7
40	*	8,2	8,2	S/l	8,4	9,4	*	9,6	8,4	5,0
50	*	8,0	8,0	S/l	8,1	*	*	*	8,2	6,8

Anexo 80 (continuación)

Estación M27: Estero Sullivan

Temperatura (°C)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	9,7	10,4	8,7	8,3	7,4	5,2	6,8	6,2	7,1	8,9
5	9,3	10,2	8,9	8,3	7,7	5,2	6,8	6,1	7,1	8,6
10	8,8	9,8	9,0	8,3	7,7	6,3	6,9	6,2	7,1	8,3
20	8,5	8,9	8,9	8,3	7,7	7,2	7,0	6,4	7,2	7,9
30	8,2	8,5	8,7	8,4	7,7	7,4	7,2	6,7	7,2	7,9
40	8,1	8,4	8,5	8,3	7,7	7,4	7,2	6,8	7,2	7,9
50	8,0	8,4	8,2	8,3	7,7	7,4	*	7,2	7,2	7,9
75	*	8,2	8,1	8,3	7,7	7,4	*	*	7,2	*
100	*	*	*	*	7,7	*	*	*	7,2	*

Salinidad (psu)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	31,8	32,1	16,1	30,8	28,7	28,0	29,8	29,1	29,8	29,5
5	31,8	32,0	18,3	31,0	31,2	28,1	29,8	29,1	29,8	29,7
10	31,8	31,9	31,4	31,1	31,3	29,4	29,8	29,3	29,8	30,2
20	31,9	31,7	31,6	31,2	31,4	30,3	29,9	29,7	29,9	30,5
30	32,0	31,7	31,7	31,5	31,4	30,6	30,0	30,2	30,0	30,5
40	31,9	31,8	31,8	31,4	31,4	30,7	30,1	30,3	30,1	30,5
50	31,9	31,8	31,8	31,4	31,5	30,8	*	31,2	30,4	30,5
75	*	31,9	31,8	31,9	31,5	30,9	*	*	30,5	*
100	*	*	*	*	31,5	*	*	*	30,5	*

Sigma-t (kg·m ⁻³)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	22,2	21,9	12,0	22,5	21,5	22,6	23,4	22,8	23,3	22,8
5	22,6	22,0	12,4	22,7	23,4	22,7	23,4	22,8	23,3	23,1
10	23,0	22,3	22,5	22,8	23,5	23,0	23,4	23,0	23,3	23,5
20	23,3	22,9	22,7	22,9	23,6	23,1	23,5	23,3	23,3	23,8
30	23,7	23,7	23,1	23,1	23,6	23,2	23,6	23,7	23,4	23,9
40	23,8	23,4	23,3	23,1	23,7	23,3	23,7	23,8	23,6	24,0
50	23,9	23,5	23,7	23,2	23,7	23,5	*	24,4	23,8	24,0
75	*	23,8	23,8	23,7	23,9	23,5	*	*	23,8	*
100	*	*	*	*	24,0	*	*	*	23,8	*

Oxígeno (mg/l)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	8,8	8,7	9,0	S/I	9,2	9,8	9,6	10,4	9,2	9,5
5	8,9	8,8	8,9	S/I	9,1	9,8	9,6	10,4	9,2	9,1
10	8,9	8,8	8,9	S/I	9,1	9,5	9,6	10,3	9,2	9,9
20	8,9	8,8	8,8	S/I	9,0	9,3	9,5	10,0	9,1	11,1
30	8,9	8,9	8,8	S/I	9,0	9,2	9,5	9,7	9,1	10,1
40	8,5	8,5	8,5	S/I	8,6	9,3	9,5	9,6	8,7	10,1
50	8,5	8,4	8,5	S/I	8,5	9,3	*	9,4	8,6	9,4
75	*	8,5	8,5	S/I	8,6	9,3	*	*	8,6	*
100	*	*	*	S/I	8,6	*	*	*	8,7	*

Anexo 80 (continuación)

Estación M28: Estero Nuñez

Temperatura (°C)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	9,1	9,7	9,0	8,3	7,7	7,1	7,2	6,1	7,2	8,5
5	8,9	9,4	9,0	8,3	7,7	7,3	7,2	6,2	7,2	8,4
10	8,8	9,2	9,0	8,3	7,7	7,4	7,2	6,3	7,2	8,5
20	8,2	8,8	8,4	8,4	7,7	7,6	7,2	6,4	7,3	8,4
30	8,1	8,3	8,4	8,4	7,7	7,5	7,2	6,6	7,3	8,3
40	8,1	8,3	8,3	8,4	7,7	7,5	7,2	6,6	7,3	*
50	*	*	8,3	8,4	7,7	7,5	*	*	7,3	*

Salinidad (psu)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	31,6	31,9	31,4	30,9	31,1	30,7	30,1	27,7	30,0	29,9
5	31,1	31,8	31,5	30,1	31,2	30,8	30,2	28,7	30,1	30,0
10	31,9	31,8	31,5	31,1	31,3	30,9	30,2	28,9	30,1	30,0
20	31,9	31,8	31,8	31,4	31,4	31,1	30,2	29,4	30,4	30,1
30	32,0	31,9	31,8	31,1	31,4	31,1	30,3	29,8	30,5	30,4
40	31,8	32,0	31,9	31,1	31,4	31,1	30,3	29,9	30,5	*
50	*	*	31,9	31,7	31,4	31,2	*	*	30,5	*

Sigma-t (kg·m ⁻³)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	22,6	22,3	22,6	22,6	23,3	23,4	23,6	21,7	23,4	23,2
5	22,9	22,5	22,6	22,6	23,4	23,3	23,6	22,5	23,5	23,3
10	23,1	22,6	22,6	22,8	23,4	23,4	23,7	22,7	23,6	23,3
20	23,6	23,0	23,3	23,1	23,6	23,5	23,7	23,1	23,8	23,5
30	23,8	23,5	23,4	23,2	23,6	23,5	23,9	23,4	23,8	23,7
40	23,7	23,7	23,6	23,3	23,7	23,6	23,9	23,5	23,8	*
50	*	*	23,7	23,4	23,7	23,7	*	*	23,8	*

Oxígeno(mg/l)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	8,7	8,6	8,7	S/l	8,9	9,3	9,5	10,5	9,0	9,8
5	8,7	8,6	8,7	S/l	8,8	9,3	9,4	10,3	8,9	9,9
10	8,6	8,6	8,6	S/l	8,8	9,3	9,4	10,1	8,8	9,8
20	8,7	8,7	8,7	S/l	8,8	9,2	9,4	9,8	8,9	9,7
30	8,8	8,7	8,7	S/l	8,8	9,2	9,4	9,4	8,9	9,7
40	8,8	8,8	8,8	S/l	8,9	9,2	9,4	9,0	8,9	*
50	*	*	8,8	S/l	8,9	9,2	*	*	9,0	*

Anexo 80 (continuación)

Estación M29: Cutter Cove

Temperatura (°C)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	9,0	9,3	8,6	8,2	7,6	7,0	7,3	6,1	7,2	5,8
5	9,0	9,2	8,6	8,2	7,7	7,0	7,3	6,4	7,2	8,5
10	8,9	9,1	8,6	8,2	7,6	7,1	7,3	6,6	7,2	8,4
20	8,5	8,9	8,6	8,3	7,7	7,1	7,3	6,9	7,2	8,3
30	8,4	8,6	8,5	8,4	7,7	7,1	7,3	7,0	7,2	8,3
40	*	8,5	8,4	8,4	7,7	7,1	7,3	7,2	7,2	8,2
50	*	8,4	8,4	*	7,7	7,1	*	7,6	7,3	8,1

Salinidad (psu)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	31,7	31,6	31,6	30,8	31,0	30,5	30,2	27,1	29,8	29,9
5	31,1	31,6	31,6	30,8	31,2	30,5	30,2	28,7	30,1	29,9
10	31,1	31,7	31,6	30,8	31,1	30,5	30,2	30,0	30,0	30,2
20	32,0	31,9	31,7	31,0	31,3	30,6	30,2	30,5	30,1	30,4
30	32,0	32,0	31,7	31,4	31,3	30,6	30,2	31,1	30,2	30,4
40	*	32,0	31,8	31,1	31,4	30,7	30,2	31,4	30,2	30,5
50	*	32,1	31,9	*	31,4	30,7	*	31,7	30,3	30,5

Sigma-t (kg·m ⁻³)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	22,7	22,4	22,9	22,5	23,2	23,3	23,6	21,3	23,3	23,2
5	22,8	22,5	23,0	22,6	23,4	23,3	23,6	22,6	23,5	23,3
10	23,0	22,7	23,0	22,6	23,4	23,3	23,6	23,5	23,5	23,5
20	23,4	23,0	23,1	22,9	23,5	23,4	23,7	23,9	23,5	23,7
30	23,5	23,3	23,2	23,1	23,5	23,5	23,7	24,3	23,6	23,7
40	*	23,5	23,4	23,3	23,6	23,5	23,8	24,5	23,6	23,9
50	*	23,7	23,5	*	23,7	23,6	*	24,5	23,7	23,9

Oxígeno (mg/l)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	30-07-09	03-09-09	05-10-09	29-11-09	13-01-10
Prof (m)										
0	9,9	9,9	10,0	S/l	10,1	10,2	10,1	10,3	10,2	9,8
5	9,8	9,8	9,9	S/l	10,0	10,1	10,1	10,2	10,1	9,8
10	9,5	9,5	9,6	S/l	9,7	9,8	9,8	9,9	9,8	9,7
20	9,3	9,2	9,2	S/l	9,4	9,5	9,4	9,5	9,4	9,6
30	9,2	9,2	9,2	S/l	9,4	9,4	9,4	9,5	9,4	9,6
40	*	9,3	9,3	S/l	9,4	9,5	9,5	9,5	9,5	9,5
50	*	9,1	9,1	S/l	9,2	9,3	*	9,2	9,2	9,3

Anexo 80 (continuación)

Estación M30: Bahía Mussel

Temperatura (°C)										
Cruceros	22-12-08	23-01-09	15-03-09	24-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	8,4	8,7	8,6	8,3	7,9	7,1	6,4	6,1	7,2	8,0
5	8,4	8,6	8,5	8,3	7,9	7,1	6,4	6,1	7,2	7,9
10	8,3	8,4	8,5	8,4	7,9	7,1	6,4	6,2	7,2	7,8
20	8,1	8,4	8,5	8,4	7,9	7,1	6,3	6,7	7,3	7,8
30	8,0	8,3	8,5	8,4	7,9	7,1	6,3	7,0	7,4	7,6
40	*	8,1	8,4	*	8,0	7,1	6,3	7,2	7,4	7,5
50	*	8,0	*	*	8,0	7,2	*	7,6	7,5	7,5

Salinidad (psu)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	32,1	31,7	31,7	31,4	31,8	31,4	30,1	26,5	30,9	30,3
5	32,0	31,8	32,0	31,4	31,9	31,4	30,4	26,7	30,9	30,5
10	32,2	32,2	32,1	31,7	31,9	31,4	30,4	27,0	31,0	30,6
20	32,2	32,2	32,2	32,0	31,9	31,4	30,4	30,0	31,2	30,7
30	32,2	32,2	32,3	32,3	32,0	31,4	30,5	30,5	31,2	30,9
40	*	32,4	32,4	*	32,0	31,5	30,5	30,8	31,3	31,0
50	*	32,5	*	*	32,2	31,5	*	31,4	31,4	31,0

Sigma-t (kg·m ⁻³)										
Cruceros	22-12-08	23-01-09	15-03-09	24-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	23,5	22,9	23,0	23,0	23,7	24,0	23,7	20,8	24,1	23,6
5	23,5	23,2	23,3	23,0	23,7	24,0	23,9	21,0	24,2	23,8
10	23,7	23,6	23,5	23,2	23,8	24,0	23,9	21,2	24,3	23,9
20	23,9	23,7	23,6	23,5	23,8	24,1	24,0	23,5	24,4	24,0
30	24,0	23,8	23,7	23,9	23,9	24,1	24,1	23,9	24,4	24,3
40	*	24,2	23,9	*	24,0	24,2	24,1	24,1	24,5	24,4
50	*	24,4	*	*	24,1	24,2	*	24,5	24,5	24,5

Oxígeno (mg/l)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	10,0	10,0	10,0	S/l	10,1	10,2	9,7	10,3	9,7	8,5
5	10,0	10,0	10,0	S/l	10,1	10,2	9,6	10,3	9,7	11,2
10	10,0	10,0	10,0	S/l	10,1	10,2	9,6	10,3	9,6	10,5
20	9,6	9,6	9,6	S/l	9,7	9,8	9,7	9,8	9,5	10,3
30	9,2	9,2	9,2	S/l	9,3	9,4	9,7	9,4	9,4	10,3
40	*	9,1	9,1	S/l	9,1	9,2	9,7	9,2	9,4	10,5
50	*	9,0	*	S/l	9,0	9,1	*	9,0	9,3	9,4

Anexo 80 (continuación)

Estación M31: Bahía Nash

Temperatura (°C)										
Cruceros	22-12-08	23-01-09	15-03-09	24-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	7,5	7,8	8,4	8,3	7,8	7,0	6,3	6,3	7,0	7,8
5	7,5	7,8	8,5	8,4	8,0	7,1	6,3	6,3	7,0	7,7
10	7,4	7,8	8,5	8,4	8,0	7,1	6,4	6,4	7,0	7,7
20	7,4	7,7	8,5	*	8,1	7,1	6,4	6,6	7,0	7,7
30	7,4	7,6	8,5	*	8,1	7,1	6,4	6,7	7,0	7,6
40	*	7,6	8,5	*	*	7,1	6,4	6,8	7,0	7,6
50	*	*	8,5	*	*	*	6,5	6,9	7,0	7,5

Salinidad (psu)										
Cruceros	22-12-08	23-01-09	16-03-09	24-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	31,8	31,8	31,7	31,9	31,3	31,3	30,0	18,3	30,9	30,5
5	31,1	32,0	31,9	31,9	32,1	31,3	30,4	19,3	31,0	30,8
10	31,9	32,0	32,2	32,0	32,1	31,3	30,5	19,1	31,0	30,9
20	31,9	32,0	32,3	*	32,2	31,4	30,5	20,5	31,0	30,9
30	31,9	32,1	32,0	*	32,2	31,4	30,5	21,7	31,0	30,9
40	*	32,1	32,4	*	*	31,4	30,5	22,3	31,0	31,0
50	*	*	32,4	*	*	*	30,6	22,7	31,0	31,0

Sigma-t (kg·m ⁻³)										
Cruceros	22-12-08	23-01-09	15-03-09	24-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	24,0	23,7	23,1	23,4	23,3	24,0	23,6	14,4	24,2	23,8
5	24,1	23,9	23,3	23,4	23,9	24,0	23,9	14,4	24,3	24,1
10	24,2	24,0	23,5	23,5	23,9	24,0	24,0	15,0	24,3	24,1
20	24,2	24,2	23,7	*	24,0	24,1	24,0	16,0	24,3	24,2
30	24,3	24,3	23,7	*	24,0	24,1	24,1	17,0	24,3	24,3
40	*	24,4	23,8	*	*	24,2	24,1	17,4	24,3	24,3
50	*	*	23,9	*	*	*	24,2	17,8	24,3	24,4

Oxígeno (mg/l)										
Cruceros	22-12-08	23-01-09	15-03-09	23-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	10,5	10,5	10,4	S/l	10,5	9,3	9,7	10,7	9,9	10,4
5	10,5	10,5	10,4	S/l	10,4	9,3	9,6	10,7	9,7	10,4
10	10,5	10,4	10,3	S/l	10,4	9,3	9,6	10,6	9,7	10,3
20	9,5	9,5	9,4	S/l	9,5	9,3	9,6	9,7	9,7	10,2
30	9,0	9,0	8,9	S/l	8,9	9,3	9,6	9,1	9,7	8,2
40	*	9,2	9,1	S/l	*	9,2	9,6	9,3	9,7	10,6
50	*	*	8,6	S/l	*	*	9,6	8,9	9,7	10,8

Anexo 80 (continuación)

Estación M32: Bahía Cordes

Temperatura (°C)										
Cruceros	21-12-08	24-01-09	15-03-09	23-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	7,7	8,3	8,6	8,3	7,9	7,0	6,2	6,5	7,1	8,2
5	7,7	8,3	8,6	8,3	7,9	7,0	6,2	6,5	7,0	8,2
10	7,7	8,3	8,6	8,3	7,9	7,0	6,2	6,4	7,0	8,2
20	7,6	8,2	8,6	8,4	7,9	7,1	6,2	6,5	7,0	8,0
30	7,6	8,2	8,5	8,3	8,0	7,1	6,2	*	7,0	7,8
40	*	8,2	8,5	8,3	8,0	7,1	6,2	*	7,0	7,6
50	*	*	8,5	8,3	8,0	7,1	6,2	*	7,0	7,5

Salinidad (psu)										
Cruceros	21-12-08	24-01-09	15-03-09	23-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	32,1	32,0	32,2	31,2	32,0	31,1	30,4	16,8	30,8	30,7
5	32,0	32,0	32,2	31,2	32,0	31,2	30,4	17,0	30,9	30,7
10	32,1	32,0	32,2	31,3	32,0	31,2	30,4	17,2	30,9	30,7
20	32,0	32,0	32,3	32,0	32,0	31,3	30,4	20,5	30,9	30,8
30	32,1	32,0	32,5	32,3	32,1	31,4	30,4	*	30,9	30,8
40	*	32,1	32,5	32,0	32,1	31,4	30,4	*	30,9	30,9
50	*	*	32,5	32,3	32,2	31,4	30,4	*	30,9	30,9

Sigma-t (kg·m ⁻³)										
Cruceros	21-12-08	24-01-09	15-03-09	23-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	24,1	23,5	23,4	22,9	23,8	23,9	23,9	13,1	24,1	23,8
5	24,1	23,5	23,4	22,9	23,9	23,9	23,9	13,4	24,2	23,9
10	24,2	23,5	23,5	23,0	23,9	24,0	24,0	13,5	24,2	23,9
20	24,2	23,7	23,6	23,5	23,9	24,0	24,0	16,1	24,2	24,1
30	24,3	23,8	23,9	23,8	24,0	24,1	24,1	*	24,2	24,2
40	*	23,8	24,0	23,9	24,1	24,1	24,1	*	24,2	24,3
50	*	*	24,0	24,0	24,1	24,2	24,1	*	24,2	24,4

Oxígeno (mg/l)										
Cruceros	21-12-08	24-01-09	15-03-09	23-04-09	29-05-09	29-07-09	02-09-09	04-10-09	28-11-09	13-01-10
Prof (m)										
0	9,9	9,8	9,8	S/l	9,9	10,0	10,1	10,6	10,0	10,8
5	9,8	9,8	9,7	S/l	9,8	9,9	10,0	10,5	9,9	11,0
10	9,7	9,6	9,6	S/l	9,7	9,8	9,9	10,5	9,8	11,0
20	9,8	9,7	9,6	S/l	9,7	9,9	10,0	10,0	9,9	10,9
30	9,7	9,6	9,6	S/l	9,7	9,8	9,9	*	9,8	10,6
40	*	9,6	9,6	S/l	9,7	9,8	9,9	*	9,8	10,0
50	*	*	9,6	S/l	9,6	9,7	9,9	*	9,8	9,7

Anexo 80 (continuación)

Estación M33: Bahía Bell

Temperatura (°C)										
Cruceros	21-12-08	22-01-09	15-03-09	23-04-09	28-05-09	29-07-09	02-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	8,2	7,8	8,5	8,3	7,3	6,6	6,6	6,7	6,8	8,1
5	7,9	7,9	8,5	8,3	7,4	6,7	6,6	6,7	6,7	8,1
10	7,8	7,9	8,6	8,3	7,7	6,8	6,7	6,7	6,7	8,0
20	7,6	7,9	8,7	8,3	7,8	6,8	6,7	6,7	6,8	7,8
30	7,6	7,8	8,6	8,4	8,0	6,8	6,7	6,8	6,8	7,8
40	7,5	7,8	8,6	8,4	8,0	6,9	6,7	6,8	6,8	7,7
50	7,5	7,8	8,5	8,4	8,0	6,9	6,8	6,9	6,8	7,7
75	7,4	7,8	*	*	*	7,1	*	*	*	7,4
100	*	*	*	*	*	*	*	*	*	7,2

Salinidad (psu)										
Cruceros	21-12-08	22-01-09	15-03-09	23-04-09	28-05-09	29-07-09	02-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	32,5	32,2	23,2	32,1	30,9	30,8	30,4	30,8	30,9	30,6
5	32,2	32,2	32,1	32,1	31,0	30,9	30,4	30,8	30,9	30,7
10	32,2	32,2	32,2	32,2	31,6	30,9	30,5	30,8	30,9	30,8
20	32,1	32,2	32,5	32,2	31,8	31,0	30,5	31,0	31,0	30,8
30	32,0	32,2	32,5	32,0	32,0	31,0	30,6	31,0	31,0	30,8
40	32,0	32,2	32,5	32,4	32,1	31,1	30,6	31,0	31,0	30,8
50	32,0	32,2	32,6	32,4	32,1	31,2	30,6	31,2	31,0	30,9
75	32,0	32,3	*	*	*	31,4	*	*	*	30,9
100	*	*	*	*	*	*	*	*	*	31,0

Sigma-t (kg·m ⁻³)										
Cruceros	21-12-08	22-01-09	15-03-09	23-04-09	28-05-09	29-07-09	02-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	24,0	24,1	16,3	23,6	23,5	23,9	23,8	24,2	24,2	23,8
5	24,1	24,0	23,4	23,6	23,5	23,9	23,9	24,2	24,2	23,9
10	24,1	24,1	23,5	23,7	23,7	23,9	24,0	24,2	24,2	24,0
20	24,2	24,2	23,7	23,7	23,8	24,0	24,0	24,3	24,3	24,1
30	24,3	24,2	23,8	23,8	23,9	24,0	24,1	24,3	24,3	24,2
40	24,3	24,3	23,9	23,9	24,0	24,1	24,2	24,3	24,3	24,2
50	24,4	24,3	24,0	23,9	24,0	24,2	24,2	24,5	24,3	24,3
75	24,5	24,5	*	*	*	24,3	*	*	*	24,5
100	*	*	*	*	*	*	*	*	*	24,7

Oxígeno (mg/l)										
Cruceros	21-12-08	22-01-09	15-03-09	23-04-09	28-05-09	29-07-09	02-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	10,7	10,7	10,6	S/l	10,8	9,5	10,9	9,5	9,3	10,7
5	10,7	10,7	10,7	S/l	10,8	9,4	10,9	9,5	9,4	10,7
10	10,6	10,6	10,5	S/l	10,6	9,4	10,7	9,5	9,3	10,5
20	10,2	10,2	10,1	S/l	10,2	9,4	10,3	9,4	9,4	10,2
30	10,0	10,0	9,9	S/l	10,0	9,4	10,1	9,4	9,3	10,0
40	9,9	9,9	9,8	S/l	9,9	9,4	10,0	9,4	9,3	9,9
50	9,9	9,8	9,7	S/l	9,8	9,4	10,0	9,4	9,3	9,8
75	9,6	9,6	*	S/l	*	9,3	*	*	*	9,6
100	*	*	*	S/l	*	*	*	*	*	9,5

Anexo 80 (continuación)

Estación M34: Seno Pedro

Temperatura (°C)										
Cruceros	21-12-08	22-01-09	15-03-09	23-04-09	28-05-09	29-07-09	02-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	8,0	8,2	8,6	8,0	7,0	6,9	6,3	6,4	6,7	8,8
5	7,9	8,0	8,7	8,0	7,2	6,9	6,2	6,4	6,7	8,5
10	7,8	8,0	8,7	8,0	7,3	6,9	6,2	6,4	6,7	8,4
20	7,7	8,0	8,7	8,2	7,7	6,9	6,6	6,4	6,7	7,8
30	7,6	8,0	8,6	8,3	8,0	6,9	6,6	6,4	6,7	7,7
40	7,5	8,1	8,5	8,3	8,0	6,9	7,0	6,5	6,7	7,5
50	*	8,1	8,5	8,4	8,1	*	7,1	6,5	6,7	7,4

Salinidad (psu)										
Cruceros	21-12-08	22-01-09	15-03-09	23-04-09	28-05-09	29-07-09	02-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	32,3	32,4	32,2	31,6	30,6	31,1	30,2	31,0	30,7	30,0
5	32,2	32,3	32,4	31,7	30,9	31,1	30,3	31,0	30,7	30,4
10	32,1	32,3	32,4	31,7	31,1	31,1	30,3	31,0	30,7	30,5
20	32,1	32,4	32,5	32,0	31,6	31,1	30,4	31,1	30,8	30,8
30	32,0	32,4	32,5	32,1	32,1	31,1	30,5	31,1	30,9	30,9
40	32,0	32,5	32,6	32,1	32,1	31,1	30,6	31,2	30,9	30,9
50	*	32,5	32,6	32,3	32,1	*	30,6	31,4	30,9	30,9

Sigma-t (kg·m ⁻³)										
Cruceros	21-12-08	22-01-09	15-03-09	23-04-09	28-05-09	29-07-09	02-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	24,0	23,9	23,5	23,4	23,4	23,9	23,8	24,3	24,1	23,3
5	24,0	24,0	23,6	23,5	23,5	23,9	23,8	24,3	24,1	23,6
10	24,1	24,1	23,6	23,5	23,6	24,0	23,9	24,3	24,1	23,8
20	24,2	24,1	23,7	23,6	23,8	24,0	24,0	24,4	24,2	24,1
30	24,2	24,2	23,8	23,7	23,9	24,1	24,0	24,4	24,2	24,2
40	24,3	24,3	23,9	23,8	24,0	24,1	24,2	24,5	24,2	24,3
50	*	24,3	24,0	23,9	24,0	*	24,2	24,6	24,3	24,5

Oxígeno (mg/l)										
Cruceros	21-12-08	22-01-09	15-03-09	23-04-09	28-05-09	29-07-09	02-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	9,8	9,7	9,7	S/l	9,9	9,9	9,8	10,0	9,9	10,7
5	9,5	9,5	9,4	S/l	9,3	9,7	9,8	10,0	9,7	10,8
10	9,5	9,5	9,4	S/l	9,3	9,7	9,8	10,0	9,7	10,8
20	9,2	9,2	9,1	S/l	9,2	9,3	9,7	10,0	9,4	10,4
30	9,2	9,2	9,1	S/l	9,1	9,3	9,7	9,9	9,3	9,9
40	9,2	9,1	9,0	S/l	9,1	9,3	9,6	9,8	9,3	9,8
50	*	9,1	9,0	S/l	9,1	*	9,5	9,7	9,3	9,8

Anexo 80 (continuación)

Estación M35: Cabo San Isidro

Temperatura (°C)										
Cruceros	21-12-08	22-01-09	13-03-09	23-04-09	31-05-09	31-07-09	04-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	8,0	8,4	9,7	8,4	7,4	6,5	5,8	6,4	7,0	8,4
5	8,0	8,3	9,2	8,4	7,4	6,5	5,8	6,4	7,0	8,4
10	8,0	8,3	9,2	8,4	7,4	6,6	5,9	6,4	7,0	8,2
20	8,0	8,3	9,2	8,4	7,4	6,7	5,9	6,4	6,9	8,3
30	*	8,3	9,1	8,4	7,4	6,7	*	6,5	6,9	8,2
40	*	8,2	9,1	8,3	7,3	6,8	*	*	6,9	8,0
50	*	8,2	*	8,3	7,4	6,8	*	*	6,8	7,7
75	*	8,1	*	*	*	6,9	*	*	6,7	*
100	*	7,6	*	*	*	*	*	*	*	*

Salinidad (psu)										
Cruceros	21-12-08	22-01-09	13-03-09	23-04-09	31-05-09	31-07-09	04-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	31,8	32,1	32,2	31,6	31,0	30,6	30,4	30,9	30,5	30,5
5	32,1	32,2	32,3	31,6	31,1	30,7	30,3	31,0	30,5	30,5
10	32,1	32,2	32,3	31,6	31,1	30,8	30,4	31,0	30,5	30,5
20	32,1	32,2	32,4	31,7	31,1	30,9	30,4	31,0	30,5	30,5
30	*	32,2	32,4	31,7	31,1	30,9	*	31,2	30,5	30,5
40	*	32,2	32,5	31,7	31,1	31,0	*	*	30,5	3,5
50	*	32,2	*	31,7	31,1	31,0	*	*	30,6	30,6
75	*	32,2	*	*	*	31,1	*	*	30,6	*
100	*	32,3	*	*	*	*	*	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	21-12-08	22-01-09	13-03-09	23-04-09	31-05-09	31-07-09	04-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	23,5	23,5	23,0	23,1	23,4	23,8	23,9	24,3	23,9	23,7
5	23,8	23,7	23,0	23,1	23,5	23,9	23,9	24,3	23,9	23,7
10	23,9	23,7	23,1	23,1	23,5	23,9	24,0	24,3	23,9	23,8
20	23,9	23,8	23,2	23,3	23,6	23,9	24,0	24,4	23,9	23,8
30	*	23,8	23,3	23,3	23,6	24,0	*	24,5	23,9	23,8
40	*	23,9	23,5	23,4	23,7	24,0	*	*	23,9	23,9
50	*	23,9	*	23,5	23,7	24,1	*	*	24,0	24,1
75	*	24,1	*	*	*	24,3	*	*	24,0	*
100	*	24,8	*	*	*	*	*	*	*	*

Oxígeno (mg/l)										
Cruceros	21-12-08	22-01-09	13-03-09	23-04-09	31-05-09	31-07-09	04-09-09	07-10-09	28-11-09	12-01-10
Prof (m)										
0	10,7	10,6	10,5	S/I	10,8	9,4	9,6	10,0	10,3	8,2
5	10,7	10,7	10,6	S/I	10,8	9,4	9,6	10,0	10,3	8,2
10	10,5	10,5	10,4	S/I	10,6	9,4	9,6	10,0	10,4	8,1
20	10,2	10,1	10,0	S/I	10,2	9,3	9,6	9,9	10,3	8,1
30	*	9,9	9,8	S/I	10,0	9,3	*	9,9	10,3	8,4
40	*	9,8	9,7	S/I	9,9	9,3	*	*	10,3	8,0
50	*	9,8	*	S/I	9,9	9,3	*	*	10,1	8,0
75	*	9,5	*	S/I	*	9,3	*	*	9,9	*
100	*	9,4	*	S/I	*	*	*	*	*	*

Anexo 80 (continuación)

Estación M36: Bahía Buena

Temperatura (°C)										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
Prof (m)										
0	8,6	9,1	8,2	7,5	7,2	S/I	6,2	5,9	7,0	8,3
5	8,3	9,1	8,3	7,5	7,2	S/I	6,2	5,9	7,0	8,1
10	8,3	9,0	8,5	7,5	7,3	S/I	6,2	5,9	7,0	8,0
20	8,2	9,0	*	7,5	7,3	S/I	6,2	5,9	6,9	7,9
30	8,2	9,0	*	7,5	7,4	S/I	6,2	6,0	6,9	7,9
40	7,9	*	*	7,5	*	S/I	6,3	6,0	6,8	7,7
50	*	*		*	*	S/I	6,4	6,0	*	7,6

*

Salinidad (psu)										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
Prof (m)										
0	32,5	32,5	29,0	26,3	29,9	S/I	30,5	29,6	30,5	30,5
5	32,3	32,5	30,0	26,4	29,9	S/I	30,5	29,6	30,5	30,5
10	32,3	32,4	30,0	26,4	29,9	S/I	30,5	29,7	30,5	30,5
20	32,3	32,5	*	26,6	29,9	S/I	30,5	29,8	30,5	30,5
30	32,2	32,5	*	26,7	30,0	S/I	30,5	29,9	30,4	30,5
40	32,1	*	*	26,7	*	S/I	30,5	30,0	30,5	30,6
50	*	*	*	*	*	S/I	30,6	30,1	*	30,7

Sigma-t ($\text{kg}\cdot\text{m}^{-3}$)										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
Prof (m)										
0	23,7	23,3	22,0	20,5	23,4	S/I	23,4	23,3	23,9	23,7
5	23,8	23,3	23,0	20,6	23,4	S/I	23,5	23,3	23,9	23,7
10	23,8	23,3	23,0	20,6	23,4	S/I	23,7	23,4	23,8	23,8
20	23,9	23,4	*	20,8	23,4	S/I	24,0	23,4	23,9	23,9
30	23,9	23,4	*	20,8	23,4	S/I	24,2	23,5	23,8	23,9
40	24,1	*	*	20,9	*	S/I	24,4	23,6	23,9	24,1
50	*	*	*	*	*	S/I	24,8	23,7	*	24,2

Oxígeno (mg/l)										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
Prof (m)										
0	9,5	9,4	9,5	6,6	9,7	S/I	9,7	9,8	10,7	10,4
5	9,5	9,4	9,5	6,7	9,7	S/I	9,6	9,9	10,7	10,3
10	9,5	9,4	9,4	6,5	9,6	S/I	9,5	9,8	10,7	10,8
20	9,4	9,3	*	6,2	9,5	S/I	9,5	9,7	10,2	10,6
30	9,3	9,2	*	6,3	9,4	S/I	9,3	9,6	10,1	10,6
40	9,4	*	*	6,6	*	S/I	9,3	9,6	10,0	9,5
50	*	*	*	*	*	S/I	9,2	9,6	*	10,7

Anexo 80 (continuaci3n)

Estaci3n M37: Bahía Agua Fresca

Temperatura (°C)										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
Prof (m)										
0	8,6	9,1	8,0	7,4	7,2	S/I	6,2	6,1	7,0	8,3
5	8,5	9,1	8,5	7,5	7,2	S/I	6,2	6,0	7,0	8,2
10	8,4	9,1	8,5	7,5	7,2	S/I	6,2	6,0	7,0	8,2
20	8,3	9,0	8,5	7,5	7,3	S/I	6,2	6,0	6,9	8,0
30	*	9,0	*	7,5	7,3	S/I	6,2	6,0	6,9	7,9
40	*	*	*	7,5	*	S/I	6,3	6,2	6,8	7,9
50	*	*	*	7,5	*	S/I	6,4	6,2	6,8	*

Salinidad (psu)										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
Prof (m)										
0	32,6	32,4	27,0	25,5	29,8	S/I	30,5	29,5	30,5	30,5
5	32,5	32,4	30,0	25,6	29,8	S/I	30,5	29,6	30,5	30,5
10	32,4	32,4	30,0	25,7	29,8	S/I	30,5	29,7	30,5	30,5
20	32,0	32,4	30,0	25,9	29,9	S/I	30,5	29,9	30,5	30,5
30	*	32,4	*	26,1	29,9	S/I	30,5	30,1	30,5	30,5
40	*	*	*	26,3	*	S/I	30,5	30,2	30,6	30,6
50	*	*	*	26,6	*	S/I	30,6	30,3	30,6	*

Sigma-t (kg·m ⁻³)										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
Prof (m)										
0	23,7	23,2	21,0	19,9	23,3	S/I	24,0	23,2	23,9	23,7
5	23,7	23,2	23,0	20,0	23,3	S/I	24,0	23,3	23,9	23,7
10	23,7	23,2	23,0	20,0	23,3	S/I	24,0	23,4	23,9	23,8
20	23,8	23,4	23,4	20,2	23,4	S/I	24,0	23,5	23,9	23,9
30	*	23,4	*	20,3	23,4	S/I	24,0	23,7	23,9	23,9
40	*	*	*	20,5	*	S/I	24,0	23,8	24,0	24,0
50	*	*	*	20,7	*	S/I	24,0	23,8	24,0	*

Oxígeno (mg/)										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
Prof (m)										
0	10,4	10,3	10,5	5,9	9,3	S/I	9,6	10,7	10,6	10,8
5	10,5	10,4	10,5	5,2	9,4	S/I	9,6	10,8	10,6	11,1
10	10,2	10,1	10,1	5,1	9,4	S/I	9,6	10,5	10,4	10,8
20	9,7	9,6	9,6	5,2	9,3	S/I	9,6	10,0	10,2	10,6
30	*	9,5	*	5,3	9,3	S/I	9,5	10,0	10,2	12,9
40	*	*	*	5,3	*	S/I	9,5	9,0	10,0	9,5
50	*	*	*	5,2	*	S/I	9,5	8,8	10,0	*

Anexo 80 (continuaci3n)

Estaci3n M38: R3o Seco

Temperatura (°C)										
Cruceros	12-01-09	03-03-09	31-03-09	12-05-09	18-06-08	23-07-09	12-09-09	04-11-09	05-12-09	08-01-10
Prof (m)										
0	9,2	9,4	8,2	S/I	7,1	S/I	6,2	6,4	S/I	7,6
5	9,2	9,3	8,4	S/I	7,1	S/I	6,2	6,4	S/I	7,6
10	9,2	9,3	8,5	S/I	7,1	S/I	6,2	6,4	S/I	7,6
20	9,2	9,3	*	S/I	7,1	S/I	6,2	6,4	S/I	7,5
30	9,2	9,3	*	S/I	7,1	S/I	6,3	6,5	S/I	*
40	*	*	*	S/I	7,0	S/I	*	6,5	S/I	*
50	*	*	*	S/I	7,0	S/I	*	*	S/I	*

Salinidad (psu)										
Cruceros	12-01-09	03-03-09	31-03-09	12-05-09	18-06-08	23-07-09	12-09-09	04-11-09	05-12-09	08-01-10
Prof (m)										
0	33,2	33,1	28,0	S/I	30,0	S/I	30,5	30,6	S/I	29,8
5	33,2	33,1	30,0	S/I	30,0	S/I	30,5	30,6	S/I	30,0
10	33,0	33,1	30,0	S/I	30,0	S/I	30,5	30,6	S/I	30,5
20	33,0	33,1	*	S/I	30,0	S/I	30,5	30,6	S/I	30,9
30	33,2	33,2	*	S/I	30,0	S/I	30,6	30,7	S/I	*
40	*	*	*	S/I	30,1	S/I	*	30,7	S/I	*
50	*	*	*	S/I	30,1	S/I	*	*	S/I	*

Sigma-t (kg·m ⁻³)										
Cruceros	12-01-09	03-03-09	31-03-09	12-05-09	18-06-08	23-07-09	12-09-09	04-11-09	05-12-09	08-01-10
Prof (m)										
0	23,7	23,5	22,0	S/I	23,4	S/I	24,0	24,0	S/I	23,2
5	23,8	23,6	23,0	S/I	23,4	S/I	24,0	24,0	S/I	23,5
10	23,8	23,6	23,4	S/I	23,4	S/I	24,0	24,0	S/I	23,8
20	23,8	23,7	*	S/I	23,5	S/I	24,0	24,1	S/I	24,2
30	23,8	23,7	*	S/I	23,5	S/I	24,0	24,1	S/I	*
40	*	*	*	S/I	23,5	S/I	*	24,1	S/I	*
50	*	*	*	S/I	23,5	S/I	*	*	S/I	*

Oxigeno (mg/l)										
Cruceros	12-01-09	03-03-09	31-03-09	12-05-09	18-06-08	23-07-09	12-09-09	04-11-09	05-12-09	08-01-10
Prof (m)										
0	9,6	9,5	9,7	S/I	9,9	S/I	9,6	9,9	S/I	8,7
5	9,6	9,5	9,7	S/I	9,9	S/I	9,6	9,9	S/I	8,4
10	9,4	9,4	9,5	S/I	9,7	S/I	9,6	9,8	S/I	8,5
20	9,4	9,4	*	S/I	9,7	S/I	9,6	9,8	S/I	7,8
30	9,3	9,3	*	S/I	9,6	S/I	9,5	9,7	S/I	*
40	*	*	*	S/I	9,6	S/I	*	9,7	S/I	*
50	*	*	*	S/I	*	S/I	*	*	S/I	*

Anexo 80 (continuaci3n)

Estaci3n M39: Puerto Zenteno

Temperatura (°C)										
Cruceros	12-01-09	03-03-09	01-04-09	12-05-09	18-06-08	23-07-09	13-09-09	04-11-09	05-12-09	08-01-10
Prof (m)										
0	9,5	9,6	S/I	S/I	7,1	S/I	6,2	6,5	S/I	11,8
5	9,3	9,5	S/I	S/I	7,1	S/I	6,2	6,5	S/I	11,8
10	9,3	9,5	S/I	S/I	7,1	S/I	6,3	6,5	S/I	11,2
20	9,3	*	S/I	S/I	7,1	S/I	*	6,5	S/I	*
30	*	*	S/I	S/I	6,9	S/I	*	*	S/I	*
40	*	*	S/I	S/I	*	S/I	*	*	S/I	*
50	*	*	S/I	S/I	*	S/I	*	*	S/I	*

Salinidad (psu)										
Cruceros	12-01-09	03-03-09	01-04-09	12-05-09	18-06-08	23-07-09	13-09-09	04-11-09	05-12-09	08-01-10
Prof (m)										
0	33,4	33,4	S/I	S/I	30,0	S/I	30,5	30,8	S/I	33,5
5	33,3	33,4	S/I	S/I	30,0	S/I	30,5	30,8	S/I	33,5
10	33,2	33,3	S/I	S/I	30,0	S/I	30,5	30,8	S/I	33,5
20	33,2	*	S/I	S/I	30,0	S/I	30,5	30,8	S/I	*
30	*	*	S/I	S/I	30,1	S/I	*	*	S/I	*
40	*	*	S/I	S/I	*	S/I	*	*	S/I	*
50	*	*	S/I	S/I	*	S/I	*	*	S/I	*

Sigma-t (kg·m ⁻³)										
Cruceros	12-01-09	03-03-09	01-04-09	12-05-09	18-06-08	23-07-09	13-09-09	04-11-09	05-12-09	08-01-10
Prof (m)										
0	23,7	23,6	S/I	S/I	23,5	S/I	24,0	24,2	S/I	2543,0
5	23,7	23,6	S/I	S/I	23,5	S/I	24,0	24,2	S/I	25,5
10	23,7	23,6	S/I	S/I	23,5	S/I	24,0	24,2	S/I	25,5
20	23,7	*	S/I	S/I	23,5	S/I	24,0	24,2	S/I	*
30	*	*	S/I	S/I	23,5	S/I	*	*	S/I	*
40	*	*	S/I	S/I	*	S/I	*	*	S/I	*
50	*	*	S/I	S/I	*	S/I	*	*	S/I	*

Oxigeno (mg/l)										
Cruceros	12-01-09	03-03-09	01-04-09	12-05-09	18-06-08	23-07-09	13-09-09	04-11-09	05-12-09	08-01-10
Prof (m)										
0	9,7	9,6	*	S/I	10,0	S/I	9,6	10,1	S/I	9,5
5	9,5	9,5	*	S/I	9,8	S/I	9,6	9,9	S/I	9,5
10	9,6	9,6	*	S/I	9,9	S/I	9,6	10,0	S/I	10,5
20	8,7	*	*	S/I	9,0	S/I	9,5	9,1	S/I	*
30	*	*	*	S/I	*	S/I	*	*	S/I	*
40	*	*	*	S/I	*	S/I	*	*	S/I	*
50	*	*	*	S/I	*	S/I	*	*	S/I	*

Anexo 80 (continuación)

Estación M40: Seno Ventisquero

Temperatura (°C)										
Cruceros	16-12-08	07-02-09	21-03-09	09-05-09	09-06-09	11-08-09	11-09-09	17-10-09	17-11-09	19-12-09
Prof (m)										
0	6,7	7,7	8,4	6,6	5,5	4,4	4,9	5,5	5,5	6,9
5	7,6	7,8	8,5	7,0	6,2	4,4	4,9	5,5	5,5	7,0
10	7,9	8,8	8,6	7,2	6,2	4,9	4,9	5,5	5,5	7,1
20	7,9	8,4	8,6	7,3	6,3	5,1	5,0	5,5	5,7	7,7
30	7,6	8,1	8,6	7,3	6,4	5,3	5,0	5,5	6,0	6,5
40	7,3	8,0	8,5	7,4	6,4	5,3	5,1	5,5	6,6	6,5
50	7,0	7,8	8,4	7,5	6,5	5,4	5,3	5,6	6,9	*
75	*	7,6	8,2	7,9	*	6,0	5,8	6,1	7,1	*
100	*	*	8,0	8,4	*	*	6,9	6,9	7,1	*

Salinidad (psu)										
Cruceros	16-12-08	07-02-09	21-03-09	09-05-09	09-06-09	11-08-09	11-09-09	17-10-09	17-11-09	19-12-09
Prof (m)										
0	28,2	28,51	30,7	30,2	28,7	28,7	30,7	30,3	30,2	29,1
5	30,6	28,69	31,4	31,0	30,0	28,8	30,8	30,6	30,2	29,2
10	31,7	32,53	31,8	31,4	30,4	28,8	30,9	30,8	30,2	29,4
20	31,9	32,67	31,9	31,5	30,7	29,7	30,9	30,8	30,8	30,2
30	32,0	32,67	31,9	31,6	30,8	30,0	31,0	30,9	31,3	31,3
40	32,0	32,85	32,0	31,7	30,8	30,2	31,0	30,9	32,0	31,7
50	32,1	32,98	32,6	32,0	31,0	30,3	31,2	31,0	32,5	*
75	*	33,41	33,3	32,1	*	31,3	31,6	31,6	32,9	*
100	*	*	33,7	34,0	*	*	32,4	32,4	33,1	*

Sigma-t (kg·m ⁻³)										
Cruceros	16-12-08	07-02-09	21-03-09	09-05-09	09-06-09	11-08-09	11-09-09	17-10-09	17-11-09	19-12-09
Prof (m)										
0	21,5	21,1	22,3	23,4	22,9	23,9	24,3	23,9	23,8	22,8
5	23,0	21,2	22,9	23,7	23,6	23,9	24,4	24,2	23,8	22,9
10	23,7	23,6	23,1	24,0	23,9	24,0	24,4	24,3	23,8	23,1
20	23,9	24,1	23,2	24,0	24,1	24,3	24,5	24,3	24,3	23,7
30	24,2	24,4	23,3	24,1	24,2	24,4	24,6	24,3	24,6	24,7
40	24,5	24,7	23,5	24,2	24,3	24,5	24,7	24,4	25,1	25,0
50	24,8	25,0	24,1	24,4	24,4	24,6	24,8	24,5	25,4	*
75	*	25,6	25,0	24,9	*	25,1	25,2	24,9	25,8	*
100	*	*	25,6	25,5	*	*	25,8	25,4	25,9	*

Oxígeno (mg/l)										
Cruceros	16-12-08	07-02-09	21-03-09	09-05-09	09-06-09	11-08-09	11-09-09	17-10-09	17-11-09	19-12-09
Prof (m)										
0	10,7	10,6	10,5	S/l	9,5	9,6	9,7	10,9	11,8	11,4
5	10,5	10,5	10,4	S/l	9,4	9,6	9,7	10,8	11,8	11,4
10	10,3	10,2	10,2	S/l	9,3	9,6	9,7	10,6	11,8	11,3
20	10,2	10,1	10,1	S/l	9,3	9,5	9,7	10,5	11,6	11,4
30	10,2	10,1	10,0	S/l	9,3	9,4	9,7	10,5	10,2	10,0
40	10,1	10,1	10,0	S/l	9,3	9,4	9,7	10,4	8,9	9,6
50	10,1	10,0	9,9	S/l	9,3	9,4	9,6	10,3	8,5	*
75	*	9,5	9,4	S/l	*	9,3	9,5	9,7	8,6	*
100	*	*	8,8	S/l	*	*	9,2	9,0	8,8	*

Anexo 80 (continuaci3n)

Estaci3n M41: Ventisquero Espa1a

Temperatura (°C)										
Cruceros	16-12-08	07-02-09	21-03-09	09-05-09	09-06-09	11-08-09	12-09-09	17-10-09	17-11-09	19-12-09
Prof (m)										
0	7,1	7,6	8,6	4,8	6,1	4,7	4,3	5,5	5,5	7,4
5	7,7	8,4	8,6	6,5	6,1	5,0	4,4	5,5	5,4	7,4
10	7,6	8,6	8,5	6,9	6,3	5,0	4,5	5,5	5,3	7,4
20	7,4	8,5	8,4	6,9	6,3	5,1	4,7	5,5	5,2	7,0
30	7,2	8,1	8,2	6,9	6,3	5,1	4,7	5,6	5,2	6,4
40	6,8	7,7	8,2	6,9	6,4	5,3	4,7	5,9	5,2	6,2
50	6,2	7,1	*	6,9	6,5	5,7	4,7	6,3	5,2	6,0

Salinidad (psu)										
Cruceros	16-12-08	07-02-09	21-03-09	09-05-09	09-06-09	11-08-09	12-09-09	17-10-09	17-11-09	19-12-09
Prof (m)										
0	26,1	25,4	31,1	27,8	29,9	28,8	29,5	30,4	28,7	27,4
5	28,6	28,8	31,9	29,5	30,2	29,6	29,5	30,7	29,6	27,4
10	30,2	30,0	32,0	30,2	30,5	29,7	29,8	30,8	30,0	28,1
20	31,0	30,9	32,2	30,0	30,6	29,9	30,3	30,8	30,2	29,6
30	30,6	31,0	32,6	30,3	30,7	30,0	30,4	30,9	30,2	29,9
40	30,5	30,9	32,8	30,3	30,9	30,2	30,4	31,4	30,2	30,0
50	30,3	30,7	*	30,3	30,9	30,8	30,4	31,9	30,2	30,1

Sigma-t (kg·m ⁻³)										
Cruceros	16-12-08	07-02-09	21-03-09	09-05-09	09-06-09	11-08-09	12-09-09	17-10-09	17-11-09	19-12-09
Prof (m)										
0	19,5	18,6	24,4	22,6	23,6	23,7	23,4	24,0	22,7	21,4
5	21,3	20,9	24,2	22,8	23,8	24,2	23,4	24,2	23,3	21,5
10	22,6	21,7	23,7	23,2	24,0	24,3	23,6	24,3	23,7	22,0
20	23,1	22,6	23,4	23,3	24,1	24,4	24,1	24,3	23,8	23,3
30	23,3	22,9	23,2	23,4	24,2	24,5	24,2	24,4	23,9	23,6
40	23,6	23,3	22,5	23,4	24,3	24,6	24,2	24,7	23,9	23,8
50	24,0	23,6	*	23,5	24,4	24,9	24,3	25,1	23,9	23,9

Oxigeno (mg/l)										
Cruceros	16-12-08	07-02-09	21-03-09	09-05-09	09-06-09	11-08-09	12-09-09	17-10-09	17-11-09	19-12-09
Prof (m)										
0	10,6	10,5	10,4	S/l	9,3	9,6	10,0	10,8	10,6	11,3
5	10,4	10,3	10,3	S/l	9,3	9,6	10,0	10,7	10,5	11,1
10	10,2	10,1	10,1	S/l	9,2	9,5	9,9	10,5	10,7	11,3
20	10,1	10,0	10,0	S/l	9,2	9,5	9,9	10,4	10,8	11,1
30	10,1	9,9	9,9	S/l	9,2	9,5	9,9	10,3	10,8	10,8
40	9,8	9,7	9,6	S/l	9,2	9,5	9,9	9,9	10,6	10,6
50	9,5	9,4	*	S/l	9,2	9,4	9,8	9,5	10,6	10,4

Anexo 80 (continuaci3n)

Estaci3n M42: Ventisquero Holanda

Temperatura (°C)										
Cruceros	17-12-08	08-02-09	21-03-09	10-05-09	10-06-09	11-08-09	12-09-09	18-10-09	17-11-09	19-12-09
Prof (m)										
0	6,8	8,6	8,5	6,6	6,0	5,3	4,9	5,7	5,7	7,6
5	7,7	8,5	8,3	6,8	9,0	5,4	4,9	5,7	5,8	7,6
10	7,7	8,4	8,4	6,9	6,1	5,5	4,9	5,8	6,0	7,2
20	7,7	8,2	8,3	6,9	*	5,5	5,0	5,8	6,1	7,0
30	7,7	8,2	8,2	7,0	*	5,6	5,0	5,9	6,2	*
40	7,7	8,2	8,2	7,0	*	5,6	*	5,9	6,8	*
50	7,6	8,2	*	7,0	*	5,7	*	*	*	*

Salinidad (psu)										
Cruceros	17-12-08	08-02-09	21-03-09	10-05-09	10-06-09	11-08-09	12-09-09	18-10-09	17-11-09	19-12-09
Prof (m)										
0	23,7	30,6	30,8	30,6	29,9	30,3	30,8	31,1	30,6	29,5
5	21,0	32,0	31,5	30,8	29,9	30,4	30,8	31,2	30,8	29,5
10	31,0	32,4	31,7	30,1	30,1	30,5	30,9	31,3	31,3	30,4
20	31,3	32,7	32,2	31,0	*	30,6	30,9	31,4	31,5	31,1
30	31,5	32,7	32,6	31,2	*	30,7	30,9	31,5	31,8	*
40	31,7	32,8	32,7	31,2	*	30,8	*	31,5	32,6	*
50	32,1	32,8	*	31,3	*	30,8	*	*	*	*

Sigma-t (kg•m ⁻³)										
Cruceros	17-12-08	08-02-09	21-03-09	10-05-09	10-06-09	11-08-09	12-09-09	18-10-09	17-11-09	19-12-09
Prof (m)										
0	17,7	22,1	24,3	23,7	23,6	24,5	24,4	24,5	24,1	23,0
5	23,2	23,3	24,2	23,7	23,7	24,6	24,4	24,6	24,3	23,0
10	23,2	23,8	23,8	23,7	23,8	24,7	24,5	24,6	24,7	23,8
20	23,5	24,2	23,3	23,9	*	24,7	24,5	24,7	24,8	24,5
30	25,7	24,3	23,1	24,0	*	24,8	24,6	24,8	25,0	*
40	23,9	24,4	22,4	24,1	*	24,8	*	24,8	25,5	*
50	24,4	24,5	*	24,2	*	24,9	*	*	*	*

Oxigeno (mg/l)										
Cruceros	17-12-08	08-02-09	21-03-09	10-05-09	10-06-09	11-08-09	12-09-09	18-10-09	17-11-09	19-12-09
Prof (m)										
0	10,7	10,4	10,4	S/l	9,4	10,9	10,9	10,2	10,6	10,9
5	10,4	10,3	10,3	S/l	9,4	10,7	10,8	10,1	10,4	10,8
10	10,2	10,1	10,1	S/l	9,3	10,5	10,6	10,0	10,6	11,1
20	10,1	10,0	10,0	S/l	*	10,4	10,5	10,0	10,3	10,2
30	10,0	9,9	9,9	S/l	*	10,3	10,4	9,9	9,9	*
40	9,7	9,6	9,6	S/l	*	10,0	*	9,8	9,2	*
50	9,3	9,2	*	S/l	*	9,6	*	*	*	*

Anexo 80 (continuación)

Estación M43: Bahía Yendegaia

Temperatura (°C)										
Cruceros	17-12-08	08-02-09	22-03-09	10-05-09	10-06-09	12-08-09	13-09-09	18-10-09	17-11-09	20-12-09
Prof (m)										
0	7,7	9,0	7,9	6,6	6,5	5,2	5,3	5,7	6,1	7,7
5	7,7	8,8	8,1	6,8	6,6	5,2	5,3	5,7	5,9	7,2
10	7,7	8,8	8,4	7,0	6,6	5,4	5,4	5,7	5,9	7,1
20	7,6	8,8	8,4	7,1	6,6	5,4	5,4	5,7	5,8	7,0
30	7,6	8,4	8,4	7,2	6,6	5,4	5,5	5,7	5,8	6,8
40	7,3	8,0	8,3	7,3	*	5,4	5,5	5,7	5,8	6,6
50	7,1	7,7	8,1	7,4	*	5,6	5,5	5,7	5,9	6,6
75	*	7,4	7,7	7,3	*	5,5	5,6	5,7	6,2	*
100	*	7,5	7,6	7,5	*	*	*	*	6,3	*

Salinidad (psu)										
Cruceros	17-12-08	08-02-09	22-03-09	10-05-09	10-06-09	12-08-09	13-09-09	18-10-09	17-11-09	20-12-09
Prof (m)										
0	30,3	30,9	29,3	30,6	31,1	30,2	31,3	31,3	31,2	30,5
5	31,0	32,2	30,1	30,1	31,3	30,3	31,3	31,3	31,2	30,6
10	31,1	32,3	31,2	31,2	31,4	30,4	31,3	31,3	31,3	30,8
20	31,8	32,3	31,5	31,5	31,5	30,5	31,3	31,3	31,3	30,9
30	31,8	32,2	31,9	31,6	31,5	30,6	31,4	31,3	31,3	31,1
40	31,8	32,7	32,4	31,7	*	30,6	31,4	31,3	31,4	31,3
50	31,8	32,8	32,9	31,8	*	30,7	31,4	31,3	31,5	31,4
75	*	32,8	32,9	32,0	*	30,8	31,5	31,4	31,9	*
100	*	33,1	32,9	32,5	*	*	*	*	32,0	*

Sigma-t (kg·m ⁻³)										
Cruceros	17-12-08	08-02-09	22-03-09	10-05-09	10-06-09	12-08-09	13-09-09	18-10-09	17-11-09	20-12-09
Prof (m)										
0	22,6	22,1	21,6	23,7	24,2	24,6	24,7	24,7	24,5	23,8
5	23,2	23,3	22,1	23,8	24,3	24,7	24,7	24,7	24,6	24,0
10	23,3	23,4	22,9	24,0	24,5	24,7	24,7	24,7	24,6	24,1
20	24,0	23,4	23,1	24,2	24,6	24,7	24,8	24,7	24,6	24,3
30	24,1	23,7	23,5	24,1	*	24,8	24,9	24,7	24,7	24,5
40	24,4	24,5	24,0	24,3	*	24,8	24,9	24,7	24,7	24,7
50	24,5	24,9	24,6	24,3	*	24,9	25,0	24,7	24,8	24,9
75	*	23,3	25,0	24,6	*	25,1	25,2	24,8	25,1	*
100	*	25,5	25,3	25,0	*	*	*	*	25,2	*

Oxígeno (mg/l)										
Cruceros	17-12-08	08-02-09	22-03-09	10-05-09	10-06-09	12-08-09	13-09-09	18-10-09	17-11-09	20-12-09
Prof (m)										
0	10,2	10,0	10,2	S/I	10,4	10,5	10,5	10,1	10,4	11,0
5	10,4	10,2	10,3	S/I	10,5	10,7	10,7	10,1	10,6	11,2
10	10,3	10,1	10,2	S/I	10,4	10,6	10,6	10,1	10,5	11,4
20	9,9	9,7	9,8	S/I	10,0	10,2	10,2	10,0	10,1	11,5
30	9,6	9,5	9,5	S/I	9,8	9,9	9,9	10,0	9,9	11,5
40	9,7	9,6	9,5	S/I	*	9,9	9,9	10,0	9,9	11,4
50	9,7	9,6	9,5	S/I	*	9,9	9,9	10,0	9,8	11,2
75	*	8,9	8,8	S/I	*	9,1	9,1	9,8	9,0	*
100	*	8,8	8,7	S/I	*	*	*	*	8,9	*

Anexo 80 (continuación)

Estación M44: Puerto Navarino

Temperatura (°C)										
Cruceros	17-12-08	08-02-09	22-03-09	11-05-09	10-06-09	12-08-09	13-09-09	21-10-09	17-11-09	20-12-09
Prof (m)										
0	8,3	9,4	8,4	6,4	6,5	5,0	5,4	5,7	6,0	8,2
5	8,3	9,3	8,4	6,5	6,5	5,0	5,3	5,7	5,9	7,9
10	8,3	9,0	8,4	6,5	6,5	5,0	5,3	5,7	5,9	7,8
20	8,2	8,9	8,5	6,5	6,5	5,1	5,4	5,7	5,9	7,4
30	8,1	8,8	8,4	6,5	6,5	5,1	5,4	5,7	5,9	7,0
40	8,1	8,7	*	6,4	6,5	5,1	*	5,7	*	*
50	*	*	*	*	6,6	*	*	5,7	*	*

Salinidad (psu)										
Cruceros	17-12-08	08-02-09	22-03-09	11-05-09	10-06-09	12-08-09	13-09-09	21-10-09	17-11-09	20-12-09
Prof (m)										
0	32,3	31,3	32,1	30,9	31,1	30,0	31,4	31,2	31,2	30,7
5	32,2	32,7	32,1	30,9	31,3	30,0	31,4	31,2	31,2	30,7
10	32,2	32,6	32,2	30,9	31,3	30,1	31,4	31,3	31,2	30,7
20	32,2	32,4	32,3	30,9	31,3	30,2	31,4	31,3	31,2	30,9
30	32,1	32,5	32,3	30,1	31,4	30,2	31,5	31,3	31,2	31,2
40	32,1	32,5	*	30,8	31,4	30,2	*	31,3	*	*
50	*	*	*	*	31,4	*	*	31,3	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	17-12-08	08-02-09	22-03-09	11-05-09	10-06-09	12-08-09	13-09-09	21-10-09	17-11-09	20-12-09
Prof (m)										
0	23,8	22,0	23,5	24,1	24,2	24,6	24,8	24,6	24,6	23,8
5	23,7	23,3	23,5	24,1	24,4	24,6	24,8	24,6	24,6	24,0
10	23,8	23,4	23,6	24,1	24,4	24,6	24,8	24,6	24,6	24,0
20	23,8	23,5	23,7	24,2	24,5	24,7	24,9	24,6	24,6	24,2
30	23,9	23,6	23,8	24,2	24,6	24,7	25,0	24,6	24,6	24,5
40	24,0	23,7	*	24,3	24,6	24,8	*	24,6	*	*
50	*	*	*	*	24,7	*	*	24,6	*	*

Oxígeno (mg/l)										
Cruceros	17-12-08	08-02-09	22-03-09	11-05-09	10-06-09	12-08-09	13-09-09	21-10-09	17-11-09	20-12-09
Prof (m)										
0	10,5	10,3	10,4	S/l	10,7	9,4	9,8	10,8	10,8	10,5
5	10,3	10,2	10,3	S/l	10,5	9,4	9,8	10,7	10,7	10,4
10	10,2	10,0	10,1	S/l	10,4	9,4	9,8	10,5	10,7	10,2
20	10,0	9,9	10,0	S/l	10,2	9,4	9,8	10,4	10,6	10,1
30	9,9	9,8	9,9	S/l	10,2	9,3	9,8	10,3	10,7	10,1
40	9,6	9,5	*	S/l	9,8	9,3	*	9,9	*	*
50	*	*	*	S/l	9,4	*	*	9,6	*	*

Anexo 80 (continuación)

Estación M45: Puerto Williams

Temperatura (°C)										
Cruceros	17-12-08	08-02-09	22-03-09	11-05-09	11-06-09	12-08-09	10-09-09	21-10-09	19-11-09	20-12-09
Prof (m)										
0	9,0	9,6	8,5	6,3	6,1	4,8	5,3	S/I	6,3	8,1
5	9,0	9,6	8,5	6,4	6,1	4,8	5,3	S/I	6,2	8,0
10	9,0	9,5	8,5	6,4	6,1	4,8	5,3	S/I	6,0	7,9
20	8,9	9,2	8,5	6,4	6,1	4,8	5,2	S/I	6,0	7,5
30	8,7	8,7	8,4	6,0	6,2	4,8	5,2	S/I	*	7,3
40	*	*	8,3	*	6,3	*	*	S/I	*	7,2
19-02-00	*	*	8,2	*	*	*	*	S/I	*	*

Salinidad (psu)										
Cruceros	17-12-08	08-02-09	22-03-09	11-05-09	11-06-09	12-08-09	10-09-09	21-10-09	19-11-09	20-12-09
Prof (m)										
0	32,4	33,0	32,3	6,6	30,7	29,9	31,3	S/I	31,6	30,5
5	32,7	33,0	32,3	30,8	30,7	29,9	31,3	S/I	31,6	30,6
10	32,7	33,0	32,3	30,8	30,8	29,9	31,3	S/I	31,9	30,6
20	32,6	32,8	32,3	30,8	30,8	29,9	31,3	S/I	32,0	31,6
30	32,5	32,6	32,3	30,1	30,9	29,9	31,3	S/I	*	32,2
40	*	*	32,3	*	31,1	*	*	S/I	*	32,4
50	*	*	32,3	*	*	*	*	S/I	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	17-12-08	08-02-09	22-03-09	11-05-09	11-06-09	12-08-09	10-09-09	21-10-09	19-11-09	20-12-09
Prof (m)										
0	23,3	23,2	23,6	14,5	24,3	24,5	24,7	S/I	24,8	23,7
5	23,5	23,3	23,6	24,1	24,3	24,6	24,7	S/I	24,9	23,8
10	23,7	23,4	23,6	24,1	24,4	24,6	24,8	S/I	25,1	23,9
20	23,6	23,6	23,6	24,1	24,4	24,7	24,8	S/I	25,2	24,8
30	23,7	23,9	23,8	24,2	24,5	24,7	24,9	S/I	*	25,3
40	*	*	23,9	*	24,6	*	*	S/I	*	25,5
50	*	*	24,1	*	*	*	*	S/I	*	*

Oxígeno (mg/l)										
Cruceros	17-12-08	08-02-09	22-03-09	11-05-09	11-06-09	12-08-09	10-09-09	21-10-09	19-11-09	20-12-09
Prof (m)										
0	10,4	10,3	10,4	S/I	9,3	10,9	9,7	S/I	8,4	11,2
5	10,2	10,1	10,3	S/I	9,2	10,8	9,7	S/I	8,9	11,3
10	10,1	10,0	10,1	S/I	9,2	10,6	9,7	S/I	9,9	11,4
20	9,9	9,9	10,0	S/I	9,2	10,5	9,7	S/I	9,8	11,3
30	9,9	9,9	9,9	S/I	9,2	10,4	9,7	S/I	*	11,1
40	*	*	9,6	S/I	9,2	*	*	S/I	*	11,0
50	*	*	9,2	S/I	*	*	*	S/I	*	*

Anexo 80 (continuación)

Estación M46: Puerto Eugenia

Temperatura (°C)										
Cruceros	17-12-08	08-02-09	22-03-09	12-05-09	11-06-09	13-08-09	10-09-09	21-10-09	18-11-09	21-12-09
Prof (m)										
0	8,8	9,3	8,6	6,6	5,9	4,8	5,3	6,0	6,1	8,0
5	8,8	9,3	8,6	6,6	5,9	4,8	5,3	6,0	6,2	8,0
10	8,8	9,3	8,6	6,6	5,9	4,8	5,2	6,0	6,1	7,8
20	8,7	9,4	8,6	6,7	5,9	4,8	5,2	6,1	6,1	7,6
30	8,5	9,4	8,5	6,7	5,9	4,8	5,2	6,1	6,0	7,3
40	*	9,5	8,5	7,1	*	*	5,2	*	*	*
50	*	*	*	*	*	*	5,2	*	*	*

Salinidad (psu)										
Cruceros	17-12-08	08-02-09	22-03-09	12-05-09	11-06-09	13-08-09	10-09-09	21-10-09	18-11-09	21-12-09
Prof (m)										
0	32,5	32,9	30,1	30,1	30,5	29,8	31,2	31,3	31,1	29,9
5	32,7	32,8	32,3	30,9	30,5	29,8	31,3	31,3	31,1	30,6
10	32,7	32,8	32,3	31,0	30,6	29,8	31,3	31,3	31,1	30,7
20	32,9	32,9	32,3	31,1	30,6	29,9	31,3	31,8	31,1	30,8
30	33,2	33,1	32,3	31,2	30,6	29,9	31,3	32,0	31,2	30,9
40	*	33,4	32,3	31,1	*	*	31,3	*	*	*
50	*	*	*	*	*	*	31,3	*	*	*

Sigma-t (kg·m ⁻³)										
Cruceros	17-12-08	08-02-09	22-03-09	12-05-09	11-06-09	13-08-09	10-09-09	21-10-09	18-11-09	21-12-09
Prof (m)										
0	23,5	23,4	20,1	24,0	24,2	24,6	24,6	24,6	24,5	23,3
5	23,7	23,4	23,5	24,0	24,3	24,6	24,8	24,6	24,4	23,9
10	23,8	23,5	23,5	24,1	24,3	24,6	24,8	24,7	24,5	24,0
20	23,9	23,5	23,6	24,2	24,4	24,6	24,8	25,0	24,5	24,1
30	24,4	23,6	23,7	24,3	24,4	24,7	24,9	25,2	24,6	24,3
40	*	23,8	23,7	24,6	*	*	24,9	*	*	*
50	*	*	*	*	*	*	25,0	*	*	*

Oxígeno (mg/l)										
Cruceros	17-12-08	08-02-09	22-03-09	12-05-09	11-06-09	13-08-09	10-09-09	21-10-09	18-11-09	21-12-09
Prof (m)										
0	10,4	10,3	10,4	S/l	10,8	9,4	10,9	10,3	10,4	11,1
5	10,2	10,2	10,3	S/l	10,6	9,4	10,7	10,4	10,4	11,2
10	10,1	10,0	10,1	S/l	10,5	9,4	10,6	10,3	10,5	11,5
20	9,9	9,8	10,0	S/l	10,3	9,4	10,4	10,0	10,5	11,5
30	9,9	9,8	9,9	S/l	10,2	9,4	10,3	9,8	9,9	11,4
40	*	9,4	9,6	S/l	*	*	10,0	*	*	*
50	*	*	*	S/l	*	*	9,6	*	*	*

*: Profundidad no alcanzada por la topografía de la estación.

S/l: Sin información

S/M: Sin Muestra

Anexo 81.

Datos Oceanográficos - Profundidad de Disco Secchi (m) para las estaciones de la región de Los Lagos.

CRUCEROS											
Estación	Localidad	2 dic 08 - 6 ene 09	21 ene - 14 feb 09	11 mar - 2 abr 09	14 abr - 13 may 09	18 may - 26 jun 09	21 jul - 27 ago 09	1 - 29 sep 09	6 oct - 9 nov 09	18 nov - 2 dic 09	5 dic 09 - 8 ene 10
L01	Metri	8,0	10,0	5,0	10,0	10,5	7,0	3,0	3,5	2,0	3,0
L02	Yates	6,5	2,0	6,0	8,0	2,5	1,0	2,0	1,0	3,0	3,0
L02N1	Sotomó	7,0	3,5	6,0	8,5	3,0	1,5	3,0	1,0	2,0	2,5
L02N2	Cochamó	4,5	3,0	5,0	7,0	3,0	1,5	3,0	1,5	1,5	2,0
L02N3	Marimeli	6,0	3,0	6,0	7,0	2,5	1,5	3,0	1,0	2,0	2,0
L02N4	Pocoihuén	5,0	3,0	4,0	6,5	3,0	1,0	3,0	1,5	2,0	2,5
L03	Cta. La Arena	8,0	0,5	9,0	7,5	9,0	8,0	5,0	4,0	5,0	5,0
L03N1	Potrerrillos	5,0	1,5	7,5	7,5	3,0	1,5	3,0	1,0	3,0	3,0
L04	Calbuco	7,0	6,5	9,0	15,0	10,0	14,0	6,0	5,0	3,0	2,0
L05	Quetalmahue	4,0	3,0	3,0	3,0	1,5	4,0	2,0	2,0	4,0	2,0
L06	Hueihue	8,0	7,0	10,0	8,0	9,0	14,0	13,0	4,0	5,0	5,0
L06N1	I. Caicura	7,0	7,0	8,5	6,0	6,0	9,0	3,0	2,0	4,0	6,0
L07	C. Caucahué	6,5	3,0	3,0	6,5	6,0	8,5	10,0	7,0	9,0	9,0
L08	I. Mechuque	6,5	6,0	4,0	10,0	S/I	9,0	8,5	8,5	9,0	15,0
L09	I. Butchauques	6,0	6,0	5,0	7,0	5,0	11,0	9,0	10,0	10,0	7,0
L10	Ayacara	3,5	5,0	6,0	Noche	7,0	4,0	10,5	10,0	5,0	5,0
L10N1	I. Chulín	6,5	7,0	8,0	8,0	7,0	13,0	6,0	8,0	7,0	Noche
L10N2	I. Talcán 2	5,0	6,0	4,0	10,0	5,0	13,0	4,5	8,0	6,5	5,5
L10N3	B. Pumalín	4,0	5,0	3,0	6,0	6,0	8,0	4,0	2,0	6,0	6,5
L11	C. Dalcahue	6,0	5,0	3,0	10,0	7,0	15,0	11,0	6,0	9,0	8,0
L12	I. Quehui	5,0	10,0	8,5	13,0	6,5	10,0	7,0	11,0	9,0	6,0
L13	I. Chaúlinec	6,0	9,5	9,0	6,0	6,0	12,0	5,0	9,0	9,0	10,0
L14	I. Talcán	7,0	8,0	7,0	10,0	5,5	14,0	5,0	10,0	9,0	8,0
L16	I. Acuí	2,0	5,0	5,0	6,0	7,0	6,0	8,0	4,5	9,0	4,0
L16N1	I. Chaullín	1,5	4,5	3,0	5,0	S/I	7,0	5,5	5,0	7,0	6,0
L17	Auchemó	3,5	4,5	6,5	S/I	6,0	S/I	6,0	5,0	2,0	5,0
L17N1	E. Palvidad	4,0	5,0	4,5	S/I	10,0	8,0	4,5	3,5	3,5	6,0
L19	Pta. Chiguao	3,0	4,0	4,0	4,5	6,0	5,5	6,0	6,0	3,5	5,0
L19N1	Yelcho	3,0	3,0	S/I	3,0	7,0	6,0	8,5	6,0	4,0	3,5
L19N2	C. Coldita	5,5	4,0	S/I	3,0	8,0	6,5	S/I	10,0	2,0	4,0
L20	I. Laitec	5,0	3,5	3,0	5,5	9,0	6,0	6,5	5,5	4,5	7,0
L20N1	Bco. Velahue	2,5	2,5	4,0	3,5	8,0	5,0	7,5	4,0	5,0	4,0
L21	B. Corcovado	2,5	5,0	6,0	S/I	8,0	9,0	S/I	6,0	2,0	7,0
L22	B. Asasao	3,0	3,0	3,5	3,0	5,0	3,5	2,5	2,0	2,0	1,0
L22N1	Ens. Quilanlar	3,0	3,0	3,0	2,5	4,0	3,0	3,0	3,0	2,5	1,5
L22N2	Inio	4,0	3,5	2,0	3,0	6,0	3,5	3,0	2,5	3,0	2,5
L23	I. Sn. Pedro	3,5	3,0	3,5	6,0	6,0	7,0	7,0	5,0	4,5	6,0
L23N1	C. Guamblad	2,5	3,5	3,0	5,0	9,0	5,0	3,0	5,0	5,0	3,5
L23N2	I. Sn. Pedro 2	2,5	3,0	3,0	4,0	6,0	5,5	3,0	4,5	4,0	4,0
L24	I. Guapiquilán	4,5	2,5	2,0	2,5	7,0	3,0	2,0	3,0	2,5	2,0
L24N1	I. Guapiquilán 2	3,5	3,0	S/I	2,5	6,0	3,5	2,5	3,0	3,0	2,0
L25	B. Tic Toc	1,5	4,0	4,0	5,0	8,0	9,0	5,5	10,0	4,0	5,0

Anexo 82.

Datos Oceanográficos - Profundidad de Disco Secchi (m) para las estaciones de la región de Aysén.

CRUCEROS											
Estación	Localidad	1 - 29 dic 08	28 ene - 8 mar 09	20 mar - 2 abr 09	14 abr - 10 may 09	16 may - 1 jun 09	10 jun - 27 jul 09	5 - 28 sep 09	4 oct - 1 nov 09	7 - 23 nov 09	3 - 17 dic 09
A01	I. Virginia-B. Low	4,0	6,5	4,0	9,0	6,0	15,0	14,0	8,0	13,0	5,0
A02	Repollal-C. Puquitrín	6,0	4,5	4,5	10,0	5,0	8,0	8,0	9,0	10,0	5,0
A03	Pto. Barrientos	7,0	3,0	3,5	7,0	6,0	12,0	11,0	8,0	13,0	8,0
A04	I. Julia-G. Peligroso	5,0	8,5	3,0	12,0	10,0	15,0	9,5	10,0	10,0	4,0
A05	I. Ovalada	5,0	5,0	4,5	6,0	6,0	15,0	11,0	14,0	8,0	9,0
A05N1	I. Valverde	5,0	8,0	3,0	7,0	11,0	15,0	9,5	14,0	10,0	7,5
A06	Laja Brazo Pillán 1	6,0	3,5	1,0	7,0	3,0	0,5	3,0	5,0	4,0	3,5
A07	Canal	3,5	2,0	1,5	3,0	2,0	0,5	1,5	4,5	3,5	4,0
A08	Repollal – E. Las Islas	3,0	2,5	1,5	6,0	2,5	0,5	1,5	4,0	2,5	4,5
A09	Sto. Domingo	2,5	4,5	3,0	6,0	6,0	3,0	6,5	8,0	3,0	4,0
A10	Añihué	3,0	7,0	1,0	7,0	6,0	0,4	2,5	5,0	3,0	3,5
A11	Melimoyu	3,0	5,0	3,0	6,0	7,0	1,5	7,0	6,0	4,0	5,5
A12	S. Gala	4,0	4,0	4,0	2,5	7,0	5,0	6,5	4,5	5,0	5,0
A13	I. Toto	7,5	4,5	6,0	3,0	7,0	5,0	3,5	5,0	4,5	4,5
A14	S. Miller	5,0	5,5	4,0	3,5	6,0	6,0	4,5	4,0	3,5	4,5
A15	I. Manuel	5,0	5,5	2,0	3,0	6,0	6,0	5,0	4,5	4,5	4,5
A16	I. Gama Zañartu-C. Yacaf	5,0	6,0	3,0	2,5	8,0	3,0	2,5	4,0	4,0	4,0
A17	I. Bobadilla-S. Soto	5,0	6,0	3,0	2,0	7,0	3,0	4,5	4,0	4,5	5,0
A18	Pta. Cálqueman	4,0	3,0	2,0	5,0	6,0	8,0	8,0	5,0	4,5	2,0
A19	S. Magdalena	5,0	7,0	5,5	3,0	2,5	5,0	2,5	3,0	4,0	6,0
A20	Faro Marta-C. Puyuhuapi	5,0	6,0	5,5	3,0	4,0	5,0	2,5	3,0	4,5	3,0
A21	Pto. Amparo	5,0	10,5	4,5	3,0	5,0	9,0	2,5	3,0	4,5	6,5
A22	I. Sn. Andrés	7,0	8,0	3,0	5,0	4,0	7,0	2,0	3,0	4,5	5,5
A23	I. Orestes	6,0	6,5	3,5	2,5	5,0	5,0	2,5	2,5	4,0	5,0
A24	Cinco Hermanas	3,0	0,5	2,0	2,0	5,0	6,5	5,0	4,5	3,0	3,5
A25	I. Elena	4,0	3,0	2,5	4,5	7,0	10,0	6,0	3,5	3,5	4,0
A26	I. Canquenes	6,0	4,0	5,5	3,5	4,0	6,0	5,0	5,5	4,5	5,5
A27	E. Quitraco	6,0	5,0	3,5	3,0	6,0	6,0	4,0	4,0	5,0	4,5
A28	Pta. Lynch	7,0	4,5	4,0	3,0	6,0	5,0	5,0	4,5	5,5	4,0
A29	Pto. Bonito	6,0	3,0	4,0	2,0	2,5	7,0	3,0	4,0	3,0	5,0
A30	I. Julián	4,0	5,5	4,0	5,0	5,0	7,0	6,0	2,5	4,5	4,0
A31	Is. Huichas	6,0	9,5	4,0	5,0	4,0	6,0	5,0	5,0	3,5	4,0
A32	I. Vergara	6,0	8,0	3,5	5,5	5,0	6,0	4,0	4,5	3,0	4,5
A33	I. Concoto	6,0	6,5	5,0	7,0	10,0	15,0	15,0	13,0	9,0	8,0
A34	I. García	5,0	8,0	3,5	7,0	6,0	15,0	15,0	13,0	10,0	7,0
A35	I. Sierra	4,0	3,5	1,5	4,0	10,0	8,0	7,0	7,0	3,0	5,0
A36	G. Enjambre	2,5	4,0	3,0	4,0	9,0	7,0	9,0	7,5	3,0	4,0
A37	I. Teresa	4,0	2,5	2,0	3,5	6,0	6,5	9,0	5,5	5,0	6,0
A38N1	I. Jesús	4,0	4,5	2,0	4,0	9,0	7,0	5,0	6,0	5,0	7,0
A39	Pto. Lampazo	5,0	8,5	3,0	3,0	9,0	10,0	13,0	11,0	3,0	4,0
A40	I. Silachilu	4,0	7,5	2,0	3,0	10,0	9,0	7,0	7,5	3,0	3,0
A41	C. Ninualac	4,0	6,5	3,0	3,0	8,0	10,0	8,0	6,5	2,5	4,0
A42	C. Pilcomayo	5,0	5,0	3,5	3,0	6,0	8,0	6,0	4,5	2,0	4,0
A43	Playas Largas	6,0	4,0	3,5	4,0	7,0	9,0	8,0	5,0	3,5	3,5
A44	C. Carrera del Chivato	3,0	4,0	3,5	4,0	5,0	7,0	7,0	4,5	3,0	3,5
A45	C. Rodríguez	6,0	3,0	3,5	3,0	5,0	8,0	6,0	5,0	2,0	4,0
A46	I. Churrecue	5,0	3,5	3,5	4,5	5,0	9,0	6,0	5,0	2,0	4,0
A47	I. Castillo	3,5	2,5	3,0	3,5	5,0	8,0	8,0	4,0	3,5	4,0
A48	I. Palumbo	3,0	2,5	2,5	3,0	4,0	8,0	2,5	3,5	3,0	5,0
A49	C. Darwin	4,0	2,5	4,0	4,0	4,0	8,0	7,0	4,0	3,5	3,0
A50	Tronador	7,0	3,0	3,5	4,5	5,5	8,0	6,0	7,0	3,0	3,0
A51	C. Vicuña	6,0	5,0	5,0	5,0	6,0	9,0	4,0	4,5	3,5	3,0
A52	Colonia Grande	7,0	6,5	6,0	4,5	4,5	8,0	4,0	7,0	5,0	4,0
A53	C. Chacabuco	5,0	2,0	5,5	4,0	4,0	7,0	4,5	4,0	3,0	5,5
A54	I. Rojas-Paso Tres Cruces	5,0	4,0	5,5	5,0	4,0	7,0	4,5	5,0	3,5	6,0
A55	I. Orlebar	4,0	8,5	2,0	6,0	4,0	6,0	6,0	5,0	6,5	5,0
A56	I. Alert – Roca Lobo	4,5	9,5	2,5	6,0	6,0	6,0	6,0	4,0	7,0	5,0
A57	I. Scout	3,0	4,0	3,0	4,0	4,0	4,0	4,0	5,0	7,5	6,0
A58	I. Porcia	3,0	3,5	2,5	6,0	2,5	7,0	7,0	4,5	8,0	5,0
A59	I. Zealous	3,5	5,0	2,5	6,0	2,5	6,0	6,0	4,0	9,0	5,0
A60	Pta. Baker	6,5	5,5	3,5	6,0	4,0	5,0	5,0	5,0	8,0	5,5

Anexo 83.

Datos oceanográficos - Profundidad de Disco Secchi (m) para las estaciones de la región de Magallanes

CRUCEROS											
Estación	Localidad	2 dic 08 - 12 ene 09	22 ene- 3 mar 09	15 mar- 1 abr 09	23 abr- 12 may 09	28 may - 19 jun 09	22 jul - 13 ago 09	2 - 13 sep 09	4 oct - 4 nov 09	6 nov - 5 dic 09	7 dic 09 - 13 ene 10
M04	C. Adalberto	10,0	3,0	5,0	7,0	8,0	6,0	4,0	5,0	8,0	8,0
M05	B. Liberta	10,0	3,5	5,0	7,0	8,0	6,0	4,0	6,0	8,0	8,0
M06	Pto. Edén	10,0	4,0	6,0	8,0	8,0	5,0	5,0	6,0	8,0	8,0
M01N	I. Morton	10,0	4,5	7,0	8,0	8,0	6,0	5,0	6,0	8,0	8,0
M02N	I. Carlos	10,0	4,5	6,0	8,0	8,0	6,0	6,0	6,0	8,0	8,0
M03N	A. Hamond	10,0	5,5	6,0	7,0	7,0	5,0	6,0	6,0	8,0	8,0
M07	I. Crossover	10,0	5,5	7,0	7,0	7,0	7,0	5,0	5,0	8,0	8,0
M24N	Paso del Abismo	10,0	4,5	6,0	8,0	9,0	9,0	5,0	5,0	8,0	8,0
M08	E. Falcon	10,0	3,5	7,0	7,0	9,0	8,0	8,0	5,0	7,0	7,0
M25N	E. Ringdove	10,0	2,5	7,0	7,0	9,0	8,0	7,0	4,0	8,0	8,0
M09	E. Penguin	9,0	3,0	5,0	8,0	7,0	8,0	6,0	5,0	8,0	7,0
M10	S. Europa	9,0	4,5	6,0	8,0	7,0	8,0	5,0	5,0	8,0	7,0
M11	I. Topar	9,0	5,5	8,0	8,0	7,0	7,0	7,0	8,0	8,0	8,0
M12	I. Figueroa	7,0	4,5	6,0	8,0	7,0	8,0	8,0	8,0	8,0	8,0
M13	E. Peel	8,0	5,0	7,0	7,0	7,0	8,0	S/I	4,0	8,0	8,0
M14	Pto. Bueno	8,0	4,0	7,0	7,0	3,0	8,0	6,0	7,0	6,0	8,0
M15	I. Vancouver	9,0	5,0	7,0	7,0	7,0	8,0	7,0	7,0	8,0	7,0
M16	I. Piazzzi	9,0	4,0	7,0	8,0	9,0	8,0	7,0	8,0	8,0	7,0
M17	Cta. Williams	9,0	5,0	7,0	6,0	8,0	7,0	6,0	5,0	7,0	7,0
M18	B. Ensenada	9,0	5,5	5,0	6,0	8,0	7,0	6,0	5,0	7,0	7,0
M19	B. Isthmus	9,0	6,0	6,0	7,0	8,0	7,0	8,0	6,0	7,0	7,0
M20	I. Larga	9,0	6,5	6,0	7,0	8,0	7,0	5,0	6,0	7,0	7,0
M21	Pto. Fontaine	9,0	6,0	5,0	7,0	8,0	7,0	5,0	4,0	8,0	7,0
M22	E. de las Montañas	8,0	4,5	6,0	7,0	8,0	7,0	8,0	6,0	8,0	7,0
M23	I. Ballesteros	9,0	6,0	5,0	7,0	8,0	7,0	9,0	4,0	8,0	7,0
M24	B. Fanny	8,0	7,0	S/I	9,5	11,0	8,0	9,0	8,0	9,0	7,0
M25	E. Silva Palma	7,0	8,0	7,0	7,0	10,0	9,0	9,0	8,0	9,5	7,0
M26	E. Wickham	7,0	7,0	8,0	9,5	9,0	9,0	10,0	7,0	9,0	7,0
M27	E. Sullivan	7,0	8,0	7,0	8,5	8,0	8,0	10,0	8,0	9,5	8,0
M28	E. Nuñez	7,0	9,0	8,0	7,5	10,0	6,0	9,0	8,0	9,0	8,0
M29	Cutter Cove	7,0	8,0	7,0	8,5	10,0	9,0	9,0	8,0	9,5	9,0
M30	B. Mussel	7,0	7,0	9,0	6,5	11,0	5,0	8,0	8,0	9,0	9,0
M31	B. Nash	7,0	8,0	8,0	5,5	9,5	6,0	8,0	8,0	7,0	9,0
M32	B. Cordes	8,0	8,0	8,0	9,0	10,5	8,0	8,0	9,0	6,0	8,0
M33	B. Bell	8,0	7,0	8,0	8,5	8,5	9,0	8,0	8,0	8,0	9,0
M34	S. Pedro	7,0	8,0	8,0	9,5	6,0	8,0	8,0	8,0	6,0	9,0
M35	Cabo Sn. Isidro	7,0	7,0	8,0	10,0	12,0	9,0	7,0	8,0	5,0	9,0
M36	B. Buena	6,0	8,0	8,0	9,0	7,0	8,0	8,0	8,0	9,0	8,0
M37	B. Agua Fresca	7,0	8,0	9,0	7,0	7,0	8,0	7,0	9,5	9,5	8,0
M38	Río Seco	7,0	8,0	8,0	8,0	7,0	8,0	7,0	9,5	8,0	8,0
M39	Pto. Zenteno	6,5	8,0	8,0	9,0	7,0	8,0	9,0	9,0	8,0	8,0
M40	S. Ventisquero	8,0	9,0	7,0	7,0	7,0	9,0	6,0	8,0	4,0	5,0
M41	V. España	7,0	9,0	8,0	7,0	6,0	8,0	8,0	8,0	4,0	8,0
M42	V. Holanda	4,0	8,0	8,0	8,0	5,0	8,0	7,0	8,0	8,0	4,0
M43	B. Yendegaia	8,0	7,0	7,0	8,0	6,0	8,0	8,0	9,0	4,5	5,5
M44	Pto. Navarino	8,0	9,0	7,0	7,0	6,0	7,0	8,0	8,0	S/I	6,0
M45	Pto. Williams	7,0	9,0	7,0	8,0	7,0	7,0	7,0	7,0	10,0	5,0
M46	Pto. Eugenia	7,0	9,0	8,0	8,0	8,0	8,0	8,0	8,0	7,0	S/I

Anexo 84.

Concentración de Nutrientes disueltos (mg·L⁻¹), integrados a 0-10 m y 10-20 m para la región de Los Lagos.

Fosfato mg·L ⁻¹										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	30-05-09	21-07-09	04-09-09	10-10-09	21-11-09	05-12-09
San Pedro (L21) 0 - 10 m	0,14	0,17	0,08	S/M	0,03	0,12	0,06	0,03	0,05	0,05
San Pedro (L21) 10 - 20 m	0,06	0,05	0,06	0,05	0,05	0,07	0,05	0,03	0,06	0,07
Cruceros	05-12-08	24-01-09	14-03-09	17-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
I. Guapiquilán (L24) 0 - 10 m	0,02	0,05	0,13	0,06	0,02	0,04	0,06	0,07	0,04	0,07
I. Guapiquilán (L24) 10 - 20 m	0,09	0,15	0,10	0,03	0,03	0,04	0,04	0,06	0,05	0,07

Silicato mg·L ⁻¹										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	30-05-09	21-07-09	04-09-09	10-10-09	21-11-09	05-12-09
San Pedro (L21) 0 - 10 m	0,23	0,62	0,35	S/M	1,27	0,66	0,38	0,35	0,36	0,35
San Pedro (L21) 10 - 20 m	0,13	0,96	1,67	0,81	0,36	0,57	0,34	0,39	0,41	0,33
Cruceros	05-12-08	24-01-09	14-03-09	17-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
I. Guapiquilán (L24) 0 - 10 m	0,38	0,65	0,97	0,81	0,32	0,53	0,39	0,33	0,33	0,19
I. Guapiquilán (L24) 10 - 20 m	0,45	0,63	0,57	0,47	0,89	0,32	0,54	0,32	0,34	0,24

Nitrito mg·L ⁻¹										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	30-05-09	21-07-09	04-09-09	10-10-09	21-11-09	05-12-09
San Pedro (L21) 0 - 10 m	0,02	0,04	0,02	S/M	0,01	0,01	0,02	0,01	0,01	0,01
San Pedro (L21) 10 - 20 m	0,01	0,04	0,03	0,01	0,01	0,01	0,02	0,01	0,01	0,01
Cruceros	05-12-08	24-01-09	14-03-09	17-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
I. Guapiquilán (L24) 0 - 10 m	0,01	0,03	0,04	0,02	0,01	0,01	0,02	0,01	0,02	0,02
I. Guapiquilán (L24) 10 - 20 m	0,03	0,04	0,02	0,01	0,01	0,01	0,02	0,01	0,02	0,01

Nitrato mg·L ⁻¹										
Cruceros	02-12-08	24-01-09	14-03-09	17-04-09	30-05-09	21-07-09	04-09-09	10-10-09	21-11-09	05-12-09
San Pedro (L21) 0 - 10 m	0,50	0,90	0,70	S/M	0,90	0,90	1,10	1,10	1,00	0,90
San Pedro (L21) 10 - 20 m	0,50	0,90	0,70	0,90	0,70	1,10	1,00	0,90	1,00	0,80
Cruceros	05-12-08	24-01-09	14-03-09	17-04-09	31-05-09	25-07-09	03-09-09	09-10-09	19-11-09	06-12-09
I. Guapiquilán (L24) 0 - 10 m	0,60	0,60	0,80	1,00	0,50	0,80	1,00	1,20	0,90	0,90
I. Guapiquilán (L24) 10 - 20 m	0,60	0,90	0,80	1,10	0,80	1,10	0,80	0,90	0,80	1,00

S/M: Sin muestra

Anexo 85.

Concentración de Nutrientes disueltos (mg·L⁻¹), integrados a 0-10 m y 10-20 m para la región de Aysén.

Fosfato mg·L ⁻¹										
Cruceros	07-12-08	08-02-09	21-03-09	30-04-09	30-05-09	25-07-09	07-09-09	17-10-09	07-11-09	05-12-09
C. Puquitrín (A02) 0 - 10 m	0,03	0,04	0,04	0,70	0,06	0,05	0,07	0,06	0,06	0,03
C. Puquitrín (A02) 10 - 20 m	0,03	0,08	0,06	0,70	0,08	0,05	0,07	0,06	0,07	0,03
Cruceros	08-12-08	10-02-09	20-03-09	01-05-09	01-06-09	26-07-09	08-09-09	19-10-09	08-11-09	06-12-09
I. Ovalada (A05) 0 - 10 m	0,02	0,05	0,05	0,06	0,09	0,17	0,11	0,07	0,07	0,05
I. Ovalada (A05) 10- 20 m	0,02	0,04	0,08	0,10	0,10	0,07	0,06	0,05	0,08	0,04

Silicato mg·L ⁻¹										
Cruceros	07-12-08	08-02-09	21-03-09	30-04-09	30-05-09	25-07-09	07-09-09	17-10-09	07-11-09	05-12-09
C. Puquitrín (A02) 0 - 10 m	0,83	0,83	0,38	0,52	0,68	0,58	0,88	0,38	0,54	0,14
C. Puquitrín (A02) 10 - 20 m	0,62	1,06	0,44	0,39	0,68	0,64	0,87	0,39	0,37	0,17
Cruceros	08-12-08	10-02-09	20-03-09	01-05-09	01-06-09	26-07-09	08-09-09	19-10-09	08-11-09	06-12-09
I. Ovalada (A05) 0 - 10 m	0,55	0,91	0,36	0,42	0,57	1,66	0,86	0,39	0,30	0,23
I. Ovalada (A05) 10- 20 m	0,52	0,98	0,55	0,57	0,58	1,71	0,57	0,58	0,29	0,24

Nitrito mg·L ⁻¹										
Cruceros	07-12-08	08-02-09	21-03-09	30-04-09	30-05-09	25-07-09	07-09-09	17-10-09	07-11-09	05-12-09
C. Puquitrín (A02) 0 - 10 m	0,04	0,04	0,01	0,01	0,01	0,01	0,01	0,01	0,02	0,02
C. Puquitrín (A02) 10 - 20 m	0,02	0,07	0,01	0,02	0,01	0,01	0,01	0,01	0,01	0,01
Cruceros	08-12-08	10-02-09	20-03-09	01-05-09	01-06-09	26-07-09	08-09-09	19-10-09	08-11-09	06-12-09
I. Ovalada (A05) 0 - 10 m	0,02	0,01	0,02	0,02	0,01	0,01	0,01	0,01	0,01	0,01
I. Ovalada (A05) 10- 20 m	0,06	0,03	0,01	0,01	0,01	0,02	0,01	0,01	0,01	0,01

Nitrato mg·L ⁻¹										
Cruceros	07-12-08	08-02-09	21-03-09	30-04-09	30-05-09	25-07-09	07-09-09	17-10-09	07-11-09	05-12-09
C. Puquitrín (A02) 0 - 10 m	0,60	0,90	0,50	0,70	0,90	0,90	0,90	1,00	0,80	0,80
C. Puquitrín (A02) 10 - 20 m	0,50	0,80	0,60	0,80	0,70	0,90	0,80	0,80	0,80	0,80
Cruceros	08-12-08	10-02-09	20-03-09	01-05-09	01-06-09	26-07-09	08-09-09	19-10-09	08-11-09	06-12-09
I. Ovalada (A05) 0 - 10 m	0,90	0,70	0,90	0,70	0,60	0,80	0,90	0,90	0,80	0,80
I. Ovalada (A05) 10- 20 m	1,10	0,70	0,80	0,70	1,00	0,70	0,80	0,80	0,80	0,80

Anexo 86.

Concentración de Nutrientes disueltos (mg·L⁻¹), integrados a 0-10 m y 10-20 m para la región de Magallanes.

Fosfato mg·L ⁻¹										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
B. Buena (M36) 0 - 10 m	0,02	0,01	0,02	0,06	0,06	0,08	0,03	0,09	0,13	0,12
B. Buena (M36) 10 - 20 m	0,05	0,03	0,02	0,05	0,02	0,09	0,04	0,09	0,11	0,13
Cruceros	12-01-09	03-03-09	01-04-09	12-05-09	18-06-09	23-07-09	13-09-09	04-11-09	05-12-09	08-01-10
Pto. Zenteno (M39) 0 - 10 m	0,09	0,08	0,07	0,09	0,10	0,10	0,07	0,10	0,17	0,06
Pto. Zenteno (M39) 10 - 20 m	0,07	0,08	0,08	0,10	0,10	0,10	0,06	0,09	0,19	0,08

Silicato mg·L ⁻¹										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
B. Buena (M36) 0 - 10 m	0,04	0,04	0,04	0,05	0,08	0,09	0,04	0,09	0,22	0,27
B. Buena (M36) 10 - 20 m	0,04	0,03	0,04	0,05	0,05	0,06	0,04	0,10	0,32	0,35
Cruceros	12-01-09	03-03-09	01-04-09	12-05-09	18-06-09	23-07-09	13-09-09	04-11-09	05-12-09	08-01-10
Pto. Zenteno (M39) 0 - 10 m	0,05	0,05	0,04	0,04	0,08	0,10	0,06	0,10	0,29	0,26
Pto. Zenteno (M39) 10 - 20 m	0,05	0,05	0,03	0,06	0,06	0,09	0,05	0,11	0,32	0,29

Nitrito mg·L ⁻¹										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
B. Buena (M36) 0 - 10 m	0,02	0,03	0,02	0,05	0,07	0,10	0,04	0,11	0,02	0,01
B. Buena (M36) 10 - 20 m	0,02	0,02	0,01	0,03	0,07	0,11	0,05	0,11	0,01	0,01
Cruceros	12-01-09	03-03-09	01-04-09	12-05-09	18-06-09	23-07-09	13-09-09	04-11-09	05-12-09	08-01-10
Pto. Zenteno (M39) 0 - 10 m	0,02	0,02	0,01	0,04	0,06	0,09	0,04	0,11	0,02	0,01
Pto. Zenteno (M39) 10 - 20 m	0,01	0,02	0,01	0,04	0,05	0,10	0,04	0,12	0,01	0,01

Nitrato mg·L ⁻¹										
Cruceros	06-01-09	02-03-09	31-03-09	11-05-09	19-06-09	22-07-09	12-09-09	03-11-09	01-12-09	07-01-10
B. Buena (M36) 0 - 10 m	0,09	0,10	0,11	0,17	0,20	0,22	0,09	0,22	1,00	0,80
B. Buena (M36) 10 - 20 m	0,12	0,11	0,12	0,13	0,15	0,19	0,10	0,24	0,70	0,60
Cruceros	12-01-09	03-03-09	01-04-09	12-05-09	18-06-09	23-07-09	13-09-09	04-11-09	05-12-09	08-01-10
Pto. Zenteno (M39) 0 - 10 m	0,11	0,12	0,12	0,20	0,21	0,25	0,11	0,19	0,70	0,70
Pto. Zenteno (M39) 10 - 20 m	0,28	0,15	0,13	0,16	0,18	0,20	0,12	0,20	0,80	0,80

Anexo 87.
Datos Meteorológicos de terreno para la región de Los Lagos

Temperatura ambiente (°C)											
Estación	Localidad	2 dic 08 - 6 ene 09	21 ene - 14 feb 09	11 mar - 2 abr 09	14 abr - 13 may 09	18 may - 26 jun 09	21 jul - 27 ago 09	1 - 29 sep 09	6 oct - 9 nov 09	18 nov - 2 dic 09	5 dic 09 - 8 ene 10
L01	Metri	16,0	18,2	13,0	12,3	9,6	5,3	10,8	10,4	13,8	16,3
L02	Yates	17,0	17,7	13,4	11,7	7,7	8,2	10,3	5,9	10,0	12,5
L02N1	Sotomó	13,0	16,8	12,0	12,3	9,0	7,6	10,7	3,8	10,4	12,2
L02N2	Cochamó	19,0	18,0	14,0	11,9	9,2	9,1	8,2	10,5	10,8	13,3
L02N3	Marimeli	14,0	17,0	12,0	12,0	8,2	7,9	9,9	5,4	10,2	11,3
L02N4	Pocoihuén	19,0	18,3	14,0	12,5	8,0	9,3	8,5	9,1	12,6	13,8
L03	Cta. La Arena	13,0	14,0	15,7	9,0	9,0	10,2	11,7	10,5	13,5	14,9
L03N1	Potrillo	16,0	17,3	12,6	11,8	6,0	9,1	10,4	6,6	10,1	10,8
L04	Calbuco	20,0	18,7	14,8	10,3	9,7	4,2	12,8	12,3	13,1	16,8
L05	Quetalmahue	14,0	18,1	12,0	9,0	7,0	6,6	13,3	11,8	15,4	16,3
L06	Hueihue	17,0	18,2	13,0	8,0	9,2	7,9	10,0	11,8	13,5	13,6
L06N1	I. Caicura	13,0	14,8	14,4	9,0	5,5	5,1	13,2	10,5	14,4	15,6
L07	C. Caucahué	14,0	21,0	14,1	12,6	10,6	8,9	11,1	10,6	8,7	12,4
L08	I. Mechuque	S/I	18,0	11,7	13,2	11,0	8,0	11,4	9,5	7,5	12,0
L09	I. Butachauques	15,8	17,0	14,2	11,8	11,3	7,9	12,6	10,7	13,4	12,9
L10	Ayacara	17,9	14,0	17,6	12,5	11,6	6,5	10,5	11,4	15,2	11,7
L10N1	I. Chulín	S/I	15,5	12,6	12,1	11,6	9,9	10,5	9,6	8,6	9,5
L10N2	I. Talcán 2	12,5	15,8	13,5	13,1	11,6	11,6	10,4	9,5	13,2	9,8
L10N3	B. Pumalín	15,1	16,0	13,9	12,7	12,1	5,2	10,4	7,8	11,9	10,3
L11	C. Dalcahue	20,5	18,0	16,2	12,5	10,5	9,6	10,5	11,1	10,7	12,3
L12	I. Quehui	14,1	13,0	14,4	12,8	11,9	9,0	11,4	12,3	13,3	11,1
L13	I. Chaulinec	14,2	13,3	19,0	11,9	12,4	9,5	11,2	11,0	10,5	10,7
L14	I. Talcán	18,9	16,5	13,2	12,5	12,1	10,5	10,4	7,6	10,5	9,8
L16	I. Acui	16,0	14,8	12,0	14,0	8,6	7,4	7,6	10,3	9,8	13,0
L16N1	I. Chaulín	S/I	22,2	15,0	15,0	7,6	9,2	10,5	13,0	11,5	17,2
L17	Auchemó	21,0	17,1	14,0	16,0	9,1	5,1	11,7	13,9	11,7	19,1
L17N1	E. Palvitad	19,0	19,8	14,0	15,0	6,2	2,2	9,1	13,5	14,3	18,3
L19	Pta. Chiguao	20,0	19,3	16,0	14,0	9,7	6,3	10,1	8,7	11,9	12,7
L19N1	Yelcho	25,0	S/I	14,0	13,0	11,2	7,9	8,1	11,6	13,7	14,3
L19N2	C. Coldita	17,0	S/I	16,0	15,0	11,2	7,4	10,0	10,4	12,8	14,5
L20	I. Laitec	23,0	S/I	15,0	15,0	10,9	7,5	12,3	11,0	13,5	14,4
L20N1	Bco. Velahue	24,0	S/I	14,0	13,0	10,7	7,1	9,4	9,5	12,2	13,3
L21	B. Corcovado	23,0	15,4	17,0	14,0	9,8	8,3	12,2	13,0	16,9	20,2
L22	B. Asasao	20,0	S/I	16,0	13,0	11,2	8,0	S/I	12,5	13,8	11,2
L22N1	Ens. Quilanlar	20,0	S/I	17,0	11,0	11,0	8,0	S/I	11,3	10,8	12,7
L22N2	Inio	22,0	S/I	16,0	11,0	9,6	8,2	S/I	12,2	10,8	15,7
L23	I. Sn. Pedro	17,0	S/I	15,0	16,0	10,6	7,2	10,4	10,3	13,4	16,7
L23N1	C. Guamblad	18,0	S/I	13,0	15,0	10,7	8,7	10,8	8,7	8,4	14,9
L23N2	I. Sn. Pedro 2	16,0	S/I	12,0	15,0	10,9	8,9	9,9	8,5	10,1	16,1
L24	I. Guapiquilán	18,0	S/I	12,0	13,0	9,6	8,0	S/I	11,3	10,7	14,8
L24N1	I. Guapiquilán 2	20,0	S/I	13,0	11,0	9,9	8,4	S/I	11,3	10,5	13,2
L25	B. Tic Toc	18,0	18,6	15,0	11,0	9,3	7,1	7,6	10,7	9,1	15,2

S/I = Sin Información

Anexo 87 (continuación)

Nubosidad (Octavos de cielo)											
Estación	Localidad	2 dic 08 - 6 ene 09	21 ene - 14 feb 09	11 mar - 2 abr 09	14 abr - 13 may 09	18 may - 26 jun 09	21 jul - 27 ago 09	1 - 29 sep 09	6 oct - 9 nov 09	18 nov - 2 dic 09	5 dic 09 - 8 ene 10
L01	Metri	0	0	4	0	2	8	0	8	8	8
L02	Yates	0	6	6	4	0	8	8	8	8	4
L02N1	Sotomó	0	8	4	4	8	8	6	8	8	4
L02N2	Cochamó	0	0	4	0	4	8	8	8	8	4
L02N3	Marimeli	0	8	6	4	8	8	6	8	8	4
L02N4	Pocoihuén	0	0	4	0	4	8	8	8	8	6
L03	Cta. La Arena	6	8	8	0	0	8	0	8	4	6
L03N1	Potrerosillos	0	8	6	4	0	8	6	8	8	4
L04	Calbuco	0	0	4	0	2	4	4	8	2	4
L05	Quetalmahue	0	0	8	0	8	4	2	8	8	8
L06	Hueihue	0	0	8	0	8	4	2	6	8	6
L06N1	I. Caicura	6	8	8	0	0	8	0	5	8	6
L07	C. Caucahué	6	8	0	8	8	0	6	8	8	8
L08	I. Mechuque	2	6	0	8	8	1	5	8	0	8
L09	I. Butachauques	7	8	0	8	8	7	4	8	3	8
L10	Ayacara	8	2	2	Noche	8	0	3	8	4	8
L10N1	I. Chulín	8	3	0	3	8	7	8	8	2	8
L10N2	I. Talcán 2	5	3	8	0	8	5	8	8	6	8
L10N3	B. Pumalín	7	4	8	0	8	4	8	8	4	8
L11	C. Dalcabue	1	8	0	8	6	3	7	8	8	8
L12	I. Quehui	8	0	1	7	8	8	8	4	6	8
L13	I. Chaulec	8	0	0	2	8	7	8	1	4	8
L14	I. Talcán	8	0	8	2	8	6	8	5	6	8
L16	I. Acui	0	3	0	8	0	0	4	8	8	8
L16N1	I. Chaullín	0	4	4	8	0	1	4	8	8	8
L17	Auchemó	4	4	8	2	0	4	4	6,0	4	0
L17N1	E. Palvita	2	6	4	0	0	4	3	8,0	4	0
L19	Pta. Chiguao	4	4	4	8	4	2	3	8	8	7
L19N1	Yelcho	4	6	4	8	1	8	6	4	8	4
L19N2	C. Coldita	4	8	0	8	0	8	8	1	8	6
L20	I. Laitec	4	8	0	8	0	8	6	2	8	7
L20N1	Bco. Velahue	4	4	8	8	3	8	4	6	8	7
L21	B. Corcovado	2	4	6	6	0	5	6	6,0	4	0
L22	B. Asasao	0	8	4	8	8	8	4	8	8	8
L22N1	Ens. Quilanlar	0	8	6	8	8	8	6	8	8	4
L22N2	Inio	0	8	6	8	8	8	4	8	8	2
L23	I. Sn. Pedro	4	8	2	6	8	0	8	8	8	4
L23N1	C. Guamblad	0	8	8	6	8	8	8	8	6	2
L23N2	I. Sn. Pedro 2	0	8	8	6	8	8	8	8	6	2
L24	I. Guapiquilán	0	8	4	8	8	8	5	8	8	0
L24N1	I. Guapiquilán 2	0	8	6	8	8	8	4	8	8	0
L25	B. Tic Toc	2	8	4	6	0	4	0	6	6	0

Anexo 87 (continuación)

Presión Barométrica (mba)											
Estación	Localidad	2 dic 08 - 6 ene 09	21 ene - 14 feb 09	11 mar - 2 abr 09	14 abr - 13 may 09	18 may - 26 jun 09	21 jul - 27 ago 09	1 - 29 sep 09	6 oct - 9 nov 09	18 nov - 2 dic 09	5 dic 09 - 8 ene 10
L01	Metri	1016	1019	1010	1020	1017	1013	1021	1018	1012	1010
L02	Yates	1017	1011	1013	1018	1023	1016	1017	1018	1014	1016
L02N1	Sotomó	1015	1009	1012	1018	1028	1018	1016	1017	1011	1020
L02N2	Cochamó	1018	1018	1010	1019	1030	1006	1019	1014	1000	1020
L02N3	Marimeli	1016	1010	1012	1018	1028	1017	1017	1017	1011	1018
L02N4	Pocoihuén	1018	1018	1010	1019	1030	1006	1019	1014	1000	1020
L03	Cta. La Arena	1013	1010	1008	1021	1023	1016	1029	1020	1015	1006
L03N1	Potrerosillos	1016	1009	1013	1018	1023	1016	1017	1018	1012	1018
L04	Calbuco	1017	1020	1012	1020	1019	1013	1019	1016	1017	1014
L05	Quetalmahue	1017	1020	1007	1021	1016	1014	1020	1014	1019	1008
L06	Hueihue	1017	1020	1007	1021	1012	1014	1023	1021	1019	1013
L06N1	I. Caicura	1013	1009	1007	1021	1024	1016	1027	1020	1015	1006
L07	C. Caucahué	1019	1013	1021	1016	1017	1028	1030	1013	1013	1014
L08	I. Mechuque	1018	1013	1022	1016	1015	1022	1029	1008	1014	1012
L09	I. Butachauques	1018	1013	1020	1016	1014	1022	1028	1008	1014	1010
L10	Ayacara	1018	1013	1019	1018	1005	1021	1027	1005	1014	1012
L10N1	I. Chulín	1017	1012	1014	1020	1002	1014	1026	1012	1016	1010
L10N2	I. Talcán 2	1018	1013	1017	1020	1002	1015	1026	1011	1014	1010
L10N3	B. Pumalín	1018	1012	1019	1018	1003	1015	1027	1010	1014	1011
L11	C. Dalcahue	1019	1011	1020	1015	1020	1029	1031	1013	1013	1015
L12	I. Quehui	1016	1015	1015	1017	1002	1016	1023	1015	1016	1010
L13	I. Chaulinec	1017	1015	1015	1020	1001	1013	1024	1016	1016	1010
L14	I. Talcán	1017	1014	1016	1020	1001	1015	1026	1016	1014	1010
L16	I. Acui	1025	1017	1017	1014	1021	1030	1025	1016	1011	1016
L16N1	I. Chaulín	1031	1016	1015	1014	1017	1030	1025	1015	1011	1016
L17	Auchemó	1028	1017	1014	1016	1026	1033	1022	1020,0	1014	1017
L17N1	E. Palvitad	1028	1017	1014	1016	1023	1033	1022	1018,0	1014	1017
L19	Pta. Chiguao	1020	1016	1015	1013	1018	1030	1025	1028	1005	1017
L19N1	Yelcho	1020	1016	1015	1014	1019	1027	1023	1027	1004	1017
L19N2	C. Coldita	1018	1008	1023	1021	1018	1017	997	1026	1004	1018
L20	I. Laitec	1020	1008	1023	1021	1018	1018	1025	1027	1004	1018
L20N1	Bco. Velahue	1020	1016	1015	1013	1019	1027	S/I	1028	1005	1017
L21	B. Corcovado	1030	1017	1014	1016	1027	1033	1018	1020,0	1016	1017
L22	B. Asasao	1030	1008	1013	1012	1021	1019	1026	1007	1002	1020
L22N1	Ens. Quilanlar	1035	1008	1015	1011	1021	1019	1026	1007	1002	1020
L22N2	Inio	S/I	1007	1015	1011	1024	1019	1024	1006	1002	1020
L23	I. Sn. Pedro	1018	1008	1023	1021	1020	1018	997	1006	1015	1018
L23N1	C. Guamblad	1030	1009	1010	1013	1021	1023	998	1006	1014	1018
L23N2	I. Sn. Pedro 2	1028	1009	1010	1013	1021	1023	998	1006	1014	1018
L24	I. Guapiquilán	S/I	1009	1022	1017	1026	1020	1021	1006	1003	1019
L24N1	I. Guapiquilán 2	S/I	1007	1015	1011	1024	1020	1023	1006	1009	1019
L25	B. Tic Toc	1027	1016	1013	1017	1028	1032	1013	1021	1018	1017

S/I = Sin Información

Anexo 87 (continuación)

Dirección del Viento											
Estación	Localidad	2 dic 08 - 6 ene 09	21 ene - 14 feb 09	11 mar - 2 abr 09	14 abr - 13 may 09	18 may - 26 jun 09	21 jul - 27 ago 09	1 - 29 sep 09	6 oct - 9 nov 09	18 nov - 2 dic 09	5 dic 09 - 8 ene 10
L01	Metri	S	S	W	S	S	NW	SW	N	N	N
L02	Yates	SW	W	SW	SW	E	N	SW	N	SW	SW
L02N1	Sotomó	S	W	S	S	S/I	N	SW	CALMA	SW	SW
L02N2	Cochamó	S	SW	SW	S/I	S/I	N	N	N	N	SW
L02N3	Marimeli	S	W	SW	S	S/I	N	SW	CALMA	SW	SW
L02N4	Pocoihuén	S	SW	SW	S/I	S/I	N	N	N	N	SW
L03	Cta. La Arena	N	W	N	S	SE	E	SW	NW	S	N
L03N1	Potreros	SW	N	SW	SW	E	N	SW	N	SW	SW
L04	Calbuco	S	S	SW	S	SE	NW	SW	W	S	NW
L05	Quetalmahue	S	S	N	S/I	E	SE	S	NW	SW	N
L06	Hueihue	S	S	N	S	E	SE	S	SW	SW	NW
L06N1	I. Caicura	N	N	N	S	E	NE	S	NW	S	N
L07	C. Caucahué	N	N	SE	S	N	S	N	E	N	N
L08	I. Mechuque	NE	N	SE	S	N	S	N	S	NE	N
L09	I. Butachauques	NE	N	N	SW	N	S	N	NE	N	N
L10	Ayacara	N	N	N	S	N	S	N	N	N	N
L10N1	I. Chulín	N	S	SE	S	N	SE	N	SE	S	NW
L10N2	I. Talcán 2	N	SE	N	S	N	SE	N	SE	SW	N
L10N3	B. Pumalín	N	SE	N	S	N	N	NE	S	S	N
L11	C. Dalcabue	N	N	SE	S	N	S	N	N	N	NW
L12	I. Quehui	NE	S	SE	SE	N	N	N	N	SW	NW
L13	I. Chaulec	NE	S	SE	S	N	SE	N	N	S	W
L14	I. Talcán	N	S	N	S	N	SE	N	N	SW	NW
L16	I. Acui	S	SW	SW	NW	S	SW	SW	N	SW	SW
L16N1	I. Chaullín	S	S	SW	NW	NW	SW	SW	N	SW	SW
L17	Auchemó	S	SW	SW	SW	S	N	SW	NE	SW	S
L17N1	E. Palvita	S	SW	SW	SW	S	N	SW	NE	SW	S
L19	Pta. Chiguao	NE	S	S	NW	NE	SE	SE	SW	N	SW
L19N1	Yelcho	S	S	NE	NW	NE	N	S	SW	N	SW
L19N2	C. Coldita	S	N	SW	SW	NE	S	N	SW	N	SW
L20	I. Laitec	S	N	SW	SW	NE	S	SW	SW	N	SW
L20N1	Bco. Velahue	NE	S	NE	NW	NE	N	SE	SW	N	SW
L21	B. Corcovado	S	SW	SW	E	S	N	SW	NE	SW	S
L22	B. Asasao	S	N	SE	W	NW	S	NW	N	NW	SW
L22N1	Ens. Quilanlar	S	N	SE	NW	NW	S	NW	N	NW	SW
L22N2	Inio	S	N	N	NW	SW	S	NW	N	NW	S
L23	I. Sn. Pedro	S	NW	SW	SW	N	S	N	SW	S	SW
L23N1	C. Guamblad	S	NW	NE	W	N	NW	N	SW	SW	SW
L23N2	I. Sn. Pedro 2	S	NW	NE	W	N	NW	N	SW	S	SW
L24	I. Guapiquilán	S	N	SW	SW	SW	S	NW	N	NW	S
L24N1	I. Guapiquilán 2	S	N	SE	NW	SW	S	NW	N	N	S
L25	B. Tic Toc	SW	SW	SW	E	E	NW	SW	NE	SW	SW

Anexo 87 (continuación)

Velocidad prom. Viento (m/s)											
Estación	Localidad	2 dic 08 - 6 ene 09	21 ene - 14 feb 09	11 mar - 2 abr 09	14 abr - 13 may 09	18 may - 26 jun 09	21 jul - 27 ago 09	1 - 29 sep 09	6 oct - 9 nov 09	18 nov - 2 dic 09	5 dic 09 - 8 ene 10
L01	Metri	1,10	0,98	1,62	0,82	2,74	1,94	3,38	3,52	1,96	9,24
L02	Yates	4,34	4,54	3,00	3,30	1,86	2,62	4,34	2,04	5,40	2,36
L02N1	Sotomó	0,00	3,68	0,00	0,72	0,00	2,02	1,34	CALMA	0,84	5,12
L02N2	Cochamó	2,24	2,76	1,22	0,00	0,00	5,66	2,92	1,24	2,54	3,86
L02N3	Marimeli	1,16	4,28	1,18	1,24	0,00	4,02	2,68	1,24	2,14	4,42
L02N4	Pocoihuén	0,64	1,12	1,32	0,00	0,00	1,43	1,12	1,20	1,68	2,62
L03	Cta. La Arena	2,00	2,02	2,14	0,56	0,76	7,10	4,74	2,86	0,94	6,16
L03N1	Potreros	3,24	4,60	2,10	2,86	1,46	3,24	3,76	0,78	4,02	3,74
L04	Calbuco	1,40	0,22	1,98	1,84	1,30	3,24	2,70	5,84	4,26	3,40
L05	Quetalmahue	0,94	1,06	2,44	0,00	6,24	4,60	2,08	2,60	4,84	7,36
L06	Hueihue	1,38	0,44	2,98	1,36	3,18	7,24	2,36	3,40	4,62	4,10
L06N1	I. Caicura	2,12	3,74	3,14	1,30	6,16	6,23	2,30	2,38	0,34	5,92
L07	C. Caucahué	0,68	1,39	4,68	2,82	S/I	3,92	3,54	0,82	2,18	5,12
L08	I. Mechuque	0,64	3,29	0,66	0,38	S/I	3,62	3,70	0,00	0,94	5,56
L09	I. Butachauques	2,94	2,70	2,00	0,28	S/I	5,46	2,66	0,76	1,34	8,64
L10	Ayacara	3,76	3,29	0,34	0,48	S/I	2,88	1,94	8,36	1,66	6,04
L10N1	I. Chulín	3,26	1,08	4,38	5,48	S/I	0,00	5,54	1,76	0,58	6,42
L10N2	I. Talcán 2	2,66	1,20	7,32	7,36	S/I	0,00	4,74	1,52	1,98	6,76
L10N3	B. Pumalín	4,32	0,92	1,50	4,80	S/I	0,00	1,94	5,62	1,56	2,54
L11	C. Dalcahue	1,10	1,11	3,62	1,50	S/I	3,18	3,16	2,84	2,22	4,90
L12	I. Quehui	1,58	0,09	2,92	0,84	S/I	8,98	3,86	9,52	1,12	4,66
L13	I. Chaulinec	3,02	1,21	0,70	2,56	S/I	0,50	3,98	4,58	0,76	2,14
L14	I. Talcán	0,22	0,56	3,88	2,82	S/I	0,00	5,38	2,04	1,64	2,02
L16	I. Acui	2,20	2,26	2,00	0,30	S/I	2,68	3,04	4,16	1,46	2,02
L16N1	I. Chaullín	1,38	2,02	0,68	1,54	S/I	3,02	2,86	6,22	2,46	1,86
L17	Auchemó	2,58	2,26	2,72	2,04	S/I	2,08	5,28	3,3	3,54	3,08
L17N1	E. Palvidad	2,02	1,60	0,68	0,74	S/I	0,39	2,64	2,6	2,36	2,26
L19	Pta. Chiguao	2,88	2,06	2,10	1,44	S/I	3,74	3,42	3,06	3,44	1,84
L19N1	Yelcho	3,88	2,06	0,76	1,56	3,34	2,26	4,42	3,48	6,20	2,22
L19N2	C. Coldita	2,88	2,44	1,64	1,20	0,58	S/I	6,28	2,24	5,40	1,42
L20	I. Laitec	4,50	4,72	0,76	2,28	2,32	S/I	3,96	5,18	6,16	2,58
L20N1	Bco. Velahue	3,88	1,82	2,12	2,30	1,68	3,40	5,50	3,80	5,46	1,98
L21	B. Corcovado	2,98	1,60	2,30	1,72	S/I	2,10	2,98	2,5	2,54	3,12
L22	B. Asasao	1,76	5,66	1,80	6,04	2,78	7,44	2,38	4,42	11,96	0,70
L22N1	Ens. Quilanlar	1,98	4,08	2,14	6,04	3,80	5,94	1,90	4,40	10,08	2,08
L22N2	Inio	2,38	3,00	2,38	4,98	S/I	5,58	2,26	4,08	7,30	3,24
L23	I. Sn. Pedro	3,26	4,48	2,30	1,62	4,68	S/I	6,06	3,58	2,32	3,34
L23N1	C. Guamblad	0,68	4,82	2,96	1,36	3,12	4,20	13,14	4,46	2,48	1,80
L23N2	I. Sn. Pedro 2	1,04	3,28	3,26	2,38	3,20	6,18	6,28	3,94	3,02	2,32
L24	I. Guapiquilán	4,06	3,18	1,92	2,58	S/I	8,26	3,22	8,12	3,88	5,12
L24N1	I. Guapiquilán 2	2,56	2,18	1,36	2,66	S/I	8,50	3,00	7,90	9,44	4,50
L25	B. Tic Toc	2,16	1,22	2,04	2,50	S/I	2,24	0,74	2,74	2,06	1,74

S/I = Sin Información

Anexo 88.

Datos Meteorológicos de terreno para la región de Aysén

Temperatura ambiente (°C)											
Estación	Localidad	1 - 29 dic 08	28 ene - 8 mar 09	20 mar - 2 abr 09	14 abr - 10 may 09	16 may - 1 jun 09	10 jun - 27 jul 09	5 - 28 sep 09	4 oct - 1 nov 09	7 - 23 nov 09	3 - 17 dic 09
A01	I. Virginia-B. Low	17,5	22,9	15,4	17,0	14,0	15,0	12,9	11,4	10,3	14,7
A02	Repollal-C. Puquitrín	20,0	17,9	14,8	12,7	11,0	11,1	11,9	11,7	12,1	18,6
A03	Pto.Barrientos	15,0	15,1	13,3	14,1	6,5	8,5	6,8	12,3	12,5	15,8
A04	I. Julia-G. Peligroso	14,5	18,4	13,4	13,2	12,7	12,2	10,4	11,5	10,4	11,0
A05	I. Ovalada	21,0	8,3	13,6	12,7	10,0	2,7	10,9	12,2	11,4	18,4
A05N1	I.Valverde	21,0	18,4	16,2	13,0	10,5	10,4	8,6	9,2	9,6	15,8
A06	Laja Brazo Pillán 1	13,5	21,3	14,3	18,1	7,5	6,3	12,5	13,8	11,4	21,0
A07	Canal	15,3	20,0	13,9	15,6	7,7	7,0	15,2	16,9	11,5	22,3
A08	Repollal – E. Las Islas	14,0	25,4	16,1	15,4	8,5	8,5	15,2	12,9	11,4	22,5
A09	Sto. Domingo	14,2	16,0	11,8	10,1	9,2	6,7	17,3	16,0	10,8	14,8
A10	Añihué	14,5	19,8	11,7	13,5	5,0	7,5	15,5	20,5	10,9	20,9
A11	Melimoyu	13,0	21,2	15,0	7,8	18,1	11,5	15,2	16,2	10,4	12,2
A12	S. Gala	15,3	19,8	14,2	13,1	7,7	6,1	12,8	11,4	10,4	16,2
A13	I. Toto	14,5	17,9	14,8	15,3	7,8	6,9	13,2	16,4	10,4	20,1
A14	S. Miller	14,0	14,4	13,1	15,8	7,5	10,5	16,8	18,2	10,8	25,0
A15	I. Manuel	15,2	16,5	12,2	14,8	7,7	9,8	16,3	17,1	10,9	21,8
A16	I. Gama Zañartu-C. Yacaf	15,1	19,5	11,4	13,5	7,2	8,6	16,2	18,0	12,0	21,2
A17	I. Bobadilla-S. Soto	15,3	19,4	11,3	14,2	6,4	9,1	18,4	17,8	12,1	21,5
A18	Pta. Cálqueman	18,0	17,8	15,5	20,5	7,5	6,5	15,4	13,2	11,3	11,2
A19	S. Magdalena	15,0	16,3	11,6	10,1	8,1	6,6	11,4	14,8	12,2	15,9
A20	Faro Marta-C. Puyuhuapi	15,9	16,5	16,6	12,3	8,2	9,5	12,0	12,8	11,4	15,4
A21	Pto. Amparo	15,1	22,5	21,5	14,3	10,6	9,5	21,3	12,2	10,8	16,4
A22	I. Sn. Andrés	14,6	21,9	18,2	16,6	11,0	5,4	21,5	10,7	10,9	15,7
A23	I. Orestes	15,6	21,0	14,8	12,3	9,8	8,5	10,0	11,5	11,1	20,6
A24	Cinco Hermanas	12,5	24,4	12,1	10,8	12,5	6,3	7,8	14,8	12,8	10,8
A25	I. Elena	15,7	20,4	20,1	14,0	13,6	11,2	9,1	12,9	12,4	12,8
A26	I. Canquenes	13,1	17,8	14,7	14,2	9,8	11,4	14,5	23,1	10,2	15,8
A27	E. Quitraco	16,4	13,8	15,8	12,3	11,5	10,4	10,1	16,2	10,1	13,2
A28	Pta. Lynch	17,8	14,2	11,7	15,1	7,1	11,1	10,0	13,4	9,7	13,8
A29	Pto. Bonito	14,6	15,1	14,1	14,5	11,7	10,2	9,4	19,8	10,5	13,6
A30	I. Julián	13,2	17,2	14,1	13,6	10,6	8,2	17,0	10,1	11,2	21,5
A31	Is. Huichas	13,5	19,0	12,5	12,3	10,4	7,5	13,2	12,6	11,1	17,2
A32	I. Vergara	14,0	18,5	13,1	11,7	11,2	6,6	12,5	12,3	8,4	19,7
A33	I. Concoto	20,0	22,3	18,4	13,5	10,4	13,7	7,6	11,7	7,1	11,8
A34	I. García	20,0	18,1	19,6	13,0	10,2	11,7	11,8	9,4	10,1	15,7
A35	I. Sierra	20,5	16,4	14,3	14,3	9,4	10,3	12,5	10,8	14,3	22,7
A36	G. Enjambre	16,0	15,7	14,1	20,7	10,8	8,5	16,3	12,4	14,6	15,2
A37	I. Teresa	20,5	22,5	14,2	13,5	19,2	3,7	13,2	17,2	13,2	15,5
A38N1	I. Jesús	19,3	19,3	13,2	11,2	11,1	7,3	16,0	13,1	13,1	17,4
A39	Pto. Lampazo	17,0	17,5	15,1	13,6	10,4	11,5	15,7	10,8	14,2	15,5
A40	I. Silachilu	19,5	22,1	14,8	12,3	16,1	7,0	15,2	13,6	14,8	11,9
A41	C. Ninualac	19,8	22,8	14,3	13,2	9,2	7,0	14,1	12,4	9,7	14,4
A42	C. Pilcomayo	15,0	14,5	15,2	15,0	12,5	9,2	18,0	12,5	10,8	18,1
A43	Playas Largas	12,8	17,8	19,9	12,8	7,8	10,4	9,9	13,4	12,2	15,2
A44	C. Carrera del Chivato	13,7	22,2	15,7	13,8	11,8	15,5	10,5	18,4	10,8	19,6
A45	C. Rodríguez	14,5	18,0	15,4	9,5	11,5	10,5	12,7	10,1	10,2	19,1
A46	I. Churrecue	14,8	18,2	16,7	10,1	11,8	9,1	12,8	10,0	9,8	19,1
A47	I. Castillo	11,5	20,4	14,7	12,3	9,2	15,7	10,8	18,3	11,1	19,8
A48	I. Palumbo	14,3	17,8	15,8	17,8	10,1	11,8	12,8	19,2	14,9	21,1
A49	C. Darwin	14,3	18,0	13,4	15,7	11,2	8,4	12,2	12,1	11,1	11,9
A50	Tronador	16,2	20,8	15,8	14,5	12,0	11,7	9,7	11,2	11,8	14,1
A51	C. Vicuña	14,2	16,1	14,5	12,2	10,1	6,5	12,5	10,2	10,8	17,4
A52	Colonia Grande	18,3	16,7	14,9	16,0	9,8	9,6	12,0	11,1	11,8	14,4
A53	C. Chacabuco	11,4	16,8	12,8	14,5	10,3	9,8	14,3	17,2	11,5	22,2
A54	I. Rojas-Paso Tres Cruces	12,9	20,2	12,8	16,7	11,1	4,9	19,6	18,4	11,2	22,4
A55	I. Orlebar	15,6	11,0	10,4	8,2	7,7	5,7	8,1	6,5	11,2	13,4
A56	I. Alert – Roca Lobo	16,8	107,0	10,8	5,7	7,3	5,5	8,4	6,0	10,8	13,6
A57	I. Scout	18,6	14,1	13,0	6,5	6,8	6,5	15,2	6,5	8,5	12,7
A58	I. Porcia	20,2	14,6	8,2	6,5	9,8	6,2	11,5	6,5	7,6	12,5
A59	I. Zealous	19,2	14,3	12,0	6,7	9,4	6,1	11,5	6,0	8,1	11,8
A60	Pta. Baker	15,5	11,4	3,5	10,5	10,1	5,5	16,5	6,5	12,0	12,1

Anexo 88 (continuación)

Nubosidad (Octavos de cielo)											
	Localidad	1 - 29 dic 08	28 ene - 8 mar 09	20 mar - 2 abr 09	14 abr - 10 may 09	16 may - 1 jun 09	10 jun - 27 jul 09	5 - 28 sep 09	4 oct - 1 nov 09	7 - 23 nov 09	3 - 17 dic 09
A01	I. Virginia-B. Low	3	8	4	0	0	0	3	8	6	2
A02	Repollal-C. Puquitrín	0	8	7	8	8	2	3	8	6	2
A03	Pto. Barrientos	0	8	6	8	8	8	6	1	4	1
A04	I. Julia-G. Peligroso	1	7	6	6	2	0	3	8	3	1
A05	I. Ovalada	3	8	2	8	0	1	8	2	3	0
A05N1	I. Valverde	2	5	7	8	8	8	7	8	5	0
A06	Laja Brazo Pillán 1	8	6	7	0	8	8	7	0	8	3
A07	Canal	8	8	7	0	8	8	5	7	8	2
A08	Repollal – E. Las Islas	8	6	7	0	8	7	5	7	8	2
A09	Sto. Domingo	8	2	1	7	3	0	4	4	8	2
A10	Añihué	8	7	7	1	8	8	4	5	8	1
A11	Melimoyu	8	2	1	6	2	0	8	7	8	1
A12	S. Gala	8	5	7	6	8	8	8	8	8	4
A13	I. Toto	8	8	4	4	8	8	8	8	8	1
A14	S. Miller	5	8	8	4	8	8	8	8	8	1
A15	I. Manuel	8	8	8	7	8	8	7	7	8	1
A16	I. Gama Zañartu-C. Yacaf	8	8	8	3	8	7	8	8	8	0
A17	I. Bobadilla-S. Soto	8	8	8	4	8	8	8	8	8	2
A18	Pta. Cálqueman	8	4	4	4	6	8	5	7	8	2
A19	S. Magdalena	8	8	8	5	8	8	8	7	8	1
A20	Faro Marta-C. Puyuhuapi	8	0	4	8	8	8	8	8	8	2
A21	Pto. Amparo	8	1	5	8	8	7	8	8	8	0
A22	I. Sn. Andrés	8	1	6	7	8	7	8	8	8	0
A23	I. Orestes	8	0	6	8	8	8	8	8	8	0
A24	Cinco Hermanas	8	0	8	8	8	8	8	8	8	8
A25	I. Elena	8	0	3	8	5	8	8	8	7	8
A26	I. Canquenes	8	8	8	8	8	7	8	4	8	3
A27	E. Quitraco	8	5	8	8	8	6	8	8	7	8
A28	Pta. Lynch	6	4	8	8	8	6	8	7	8	8
A29	Pto. Bonito	8	7	8	8	8	7	8	8	8	8
A30	I. Julián	8	1	7	6	8	8	8	8	8	0
A31	Is. Huichas	8	0	8	6	8	8	8	8	8	0
A32	I. Vergara	8	1	6	8	8	8	8	8	8	0
A33	I. Concoto	0	7	5	8	8	6	7	3	7	1
A34	I. García	3	8	6	8	8	6	8	8	4	0
A35	I. Sierra	7	8	8	7	5	6	8	8	5	5
A36	G. Enjambre	8	8	7	4	5	8	6	8	8	4
A37	I. Teresa	3	8	7	8	8	2	8	7	8	8
A38N1	I. Jesús	6	8	8	7	7	8	8	4	8	7
A39	Pto. Lampazo	2	8	8	8	7	3	7	5	5	6
A40	I. Silachilu	0	8	8	8	5	3	8	6	6	7
A41	C. Ninualac	2	8	8	8	8	5	8	7	8	8
A42	C. Pilcomayo	8	2	7	8	8	8	8	8	8	0
A43	Playas Largas	8	7	8	7	8	6	8	7	8	0
A44	C. Carrera del Chivato	5	5	8	7	8	7	8	8	8	0
A45	C. Rodríguez	8	8	7	6	8	8	8	8	6	0
A46	I. Churrecue	8	8	7	7	8	8	8	8	8	0
A47	I. Castillo	6	5	8	8	8	6	8	8	8	0
A48	I. Palumbo	8	8	8	3	5	6	8	8	8	0
A49	C. Darwin	8	8	8	6	8	8	8	8	8	8
A50	Tronador	8	3	4	8	5	8	7	4	8	8
A51	C. Vicuña	8	8	8	8	8	5	8	4	8	5
A52	Colonia Grande	8	4	6	8	8	8	4	6	8	8
A53	C. Chacabuco	8	8	8	8	8	7	8	7	8	3
A54	I. Rojas-Paso Tres Cruces	8	8	8	8	8	8	8	8	8	1
A55	I. Orlebar	0	5	3	4	6	6	1	8	3	6
A56	I. Alert – Roca Lobo	0	6	5	5	7	7	1	8	3	6
A57	I. Scout	0	8	7	7	8	7	1	8	1	6
A58	I. Porcia	0	8	5	8	7	3	1	8	1	8
A59	I. Zealous	0	8	6	8	7	7	2	8	1	7
A60	Pta. Baker	0	5	8	3	6	8	1	8	4	8

Anexo 88 (continuación)

Presión Barométrica (mba)											
Estación	Localidad	1 - 29 dic 08	28 ene - 8 mar 09	20 mar - 2 abr 09	14 abr - 10 may 09	16 may - 1 jun 09	10 jun - 27 jul 09	5 - 28 sep 09	4 oct - 1 nov 09	7 - 23 nov 09	3 - 17 dic 09
A01	I. Virginia-B. Low	1014	1013	1022	1017	1017	1022	1026	1021	1014	1013
A02	Repollal-C. Puquitrín	1015	1021	1018	1015	1019	1022	1025	1020	1019	1019
A03	Pto. Barrientos	1019	1020	1020	1019	1019	1021	1025	1021	1019	1019
A04	I. Julia-G. Peligroso	1020	1014	1015	1008	1023	1026	1025	1021	1010	1013
A05	I. Ovalada	1019	1013	1019	1011	1019	1028	1022	1015	1012	1019
A05N1	I. Valverde	1018	1012	1022	1004	1025	1021	1024	1014	1012	1019
A06	Laja Brazo Pillán 1	1012	1020	1017	1017	990	1004	1020	1021	1014	1012
A07	Canal	1017	1019	1018	1018	990	1004	1024	1018	1013	1012
A08	Repollal – E. Las Islas	1012	1019	1018	1018	990	1005	1024	1021	1013	1012
A09	Sto. Domingo	1015	1017	1022	1020	992	1010	1024	1017	1013	1012
A10	Añihué	1016	1019	1019	1019	981	1004	1024	1018	1013	1012
A11	Melimoyu	1014	1017	1026	1020	1000	1012	1024	1016	1018	1012
A12	S. Gala	1017	1016	1011	1023	984	1004	1024	1017	1013	1015
A13	I. Toto	1018	1020	1010	1023	981	1004	1024	1016	1013	1017
A14	S. Miller	1018	1020	1010	1023	966	1004	1023	1015	1013	1017
A15	I. Manuel	1018	1016	1009	1024	968	1003	1023	1013	1014	1018
A16	I. Gama Zañartu-C. Yacaf	1016	1016	1006	1025	967	1003	1023	1012	1016	1018
A17	I. Bobadilla-S. Soto	1009	1015	1006	1024	974	1003	1021	1012	1016	1018
A18	Pta. Cálqueman	1010	1014	1021	1015	981	1013	1013	1017	1016	1020
A19	S. Magdalena	1009	1015	1004	1025	992	1017	1018	1012	1016	1018
A20	Faro Marta-C. Puyuhuapi	1007	1016	1017	1020	990	1015	1020	1012	1016	1018
A21	Pto. Amparo	1007	1017	1018	1020	990	1015	1025	1007	1015	1019
A22	I. Sn. Andrés	1006	1018	1018	1021	992	1014	1025	1007	1015	1018
A23	I. Orestes	1006	1020	1019	1021	993	1008	1027	1005	1015	1017
A24	Cinco Hermanas	1017	1013	1002	995	1020	1011	1011	1009	1011	1017
A25	I. Elena	1018	1013	1017	1009	1004	998	1012	1010	1011	1016
A26	I. Canquenes	1023	1009	1013	1012	1002	1022	1007	1012	996	1015
A27	E. Quitralco	1023	1013	1009	1015	1009	1011	1002	1013	1006	1017
A28	Pta. Lynch	1020	1014	1014	1014	1000	1009	1002	1010	1006	1017
A29	Pto. Bonito	1021	1010	1010	1014	1011	1013	1002	1013	999	1013
A30	I. Julián	1007	1020	1019	1019	993	1010	1027	1003	1015	1016
A31	Is. Huichas	1015	1021	1017	1019	997	1009	1028	1002	1015	1019
A32	I. Vergara	1016	1020	1017	1019	1004	1009	1028	1005	1017	1019
A33	I. Concoto	1019	1016	1024	1008	1020	1022	1025	1013	1016	1018
A34	I. García	1018	1012	1023	1000	1024	1021	1023	1014	1012	1019
A35	I. Sierra	1012	1013	1007	1016	1018	1012	996	1023	1016	1020
A36	G. Enjambre	1010	1014	1019	1016	1001	1008	1009	1021	1016	1020
A37	I. Teresa	1013	1017	1005	1015	1024	1013	1006	1017	1015	1023
A38N1	I. Jesús	1010	1017	1006	1015	1006	1009	996	1018	1016	1022
A39	Pto. Lampazo	1016	1019	999	1014	1026	1015	1013	1017	1017	1023
A40	I. Silachilu	1016	1019	998	1013	1026	1015	1013	1017	1017	1024
A41	C. Ninualac	1015	1016	1003	1014	1024	1013	1009	1017	1015	1023
A42	C. Pilcomayo	1016	1017	1017	1009	1003	999	1028	1005	1016	1019
A43	Playas Largas	1019	1014	1016	1020	990	1028	1015	1006	1012	1020
A44	C. Carrera del Chivato	1020	1013	1016	1019	990	1028	1015	1004	1017	1020
A45	C. Rodríguez	1016	1016	1017	1021	989	1028	1026	994	1016	1018
A46	I. Churrecue	1016	1016	1017	1021	988	1028	1026	994	1016	1018
A47	I. Castillo	1020	1013	1015	1018	990	1029	1015	1003	1010	1018
A48	I. Palumbo	1021	1012	1014	1015	981	1029	1016	1003	1011	1016
A49	C. Darwin	1021	1011	1013	1014	1002	1028	1016	1003	1000	1016
A50	Tronador	1019	1016	1016	1012	1003	997	1007	1011	1010	1016
A51	C. Vicuña	1022	1009	1013	1012	1003	1023	1015	1012	998	1016
A52	Colonia Grande	1023	1014	1016	1014	1002	1009	1005	1011	1006	1017
A53	C. Chacabuco	1021	1009	1011	1013	1007	1020	1006	1014	997	1015
A54	I. Rojas-Paso Tres Cruces	1021	1009	1011	1013	1010	1014	1004	1014	998	1015
A55	I. Orlebar	1022	1016	1022	1010	1026	1013	1035	1013	1013	1013
A56	I. Alert – Roca Lobo	1022	1014	1022	1008	1026	1013	1033	1013	1013	1013
A57	I. Scout	1022	1008	1022	996	1025	1012	1032	1013	1014	1013
A58	I. Porcia	1023	1006	1022	995	1017	1012	1032	1014	1014	1013
A59	I. Zealous	1023	1007	1023	996	1017	1010	1032	1014	1014	1013
A60	Pta. Baker	1020	1017	1004	1010	1026	1013	1031	1014	1013	1013

Anexo 88 (continuación)

Dirección del Viento											
Estación	Localidad	1 - 29 dic 08	28 ene - 8 mar 09	20 mar - 2 abr 09	14 abr - 10 may 09	16 may - 1 jun 09	10 jun - 27 jul 09	5 - 28 sep 09	4 oct - 1 nov 09	7 - 23 nov 09	3 - 17 dic 09
A01	I. Virginia-B. Low	NW	N	NW	S	W	S	O	S	SW	S
A02	Repollal-C. Puquítin	NW	N	NW	S	N	S	SE	S	SW	S
A03	Pto.Barrientos	E	N	NW	S	NW	SW	S	W	SW	S
A04	I. Julia-G. Peligroso	SE	N	NW	SW	SE	SE	SE	S	SW	S
A05	I. Ovalada	CALMA	N	SW	N	SE	SE	SW	NW	SW	NE
A05N1	I.Valverde	N	SW	NW	NW	SW	SW	SW	W	SW	E
A06	Laja Brazo Pillán 1	NW	CALMA	E	E	E	E	CALMA	CALMA	CALMA	S
A07	Canal	NW	CALMA	E	E	E	E	CALMA	E	W	S
A08	Repollal – E. Las Islas	NW	CALMA	E	E	E	E	E	E	CALMA	S
A09	Sto. Domingo	NW	CALMA	S	E	E	S	CALMA	SW	NW	SW
A10	Añihué	NW	NW	E	E	E	NE	SW	E	SW	SW
A11	Melimoyu	NW	CALMA	SE	E	E	S	CALMA	SW	CALMA	CALMA
A12	S. Gala	N	NW	W	W	SE	N	CALMA	CALMA	CALMA	W
A13	I. Toto	N	NW	NW	W	SE	N	SW	NW	W	SW
A14	S. Miller	N	NW	NW	W	SE	N	W	NW	N	S
A15	I. Manuel	N	CALMA	N	NW	SE	N	W	NW	NW	SW
A16	I. Gama Zañartu-C. Yacaf	N	N	N	NW	SE	NW	W	NW	NW	SW
A17	I. Bobadilla-S. Soto	NW	CALMA	N	NW	SE	N	SW	NW	NW	SW
A18	Pta. Cálqueman	W	NW	S	N	W	N	S	SW	SW	W
A19	S. Magdalena	NW	NE	N	W	N	E	SW	W	W	SW
A20	Faro Marta-C. Puyuhuapi	N	S	W	NW	N	NE	SW	NE	NE	SE
A21	Pto. Amparo	N	SW	W	N	N	W	SW	NE	NW	W
A22	I. Sn. Andrés	N	SW	W	N	NW	W	NW	NE	NW	W
A23	I. Orestes	N	S	W	N	N	N	W	NW	NW	S
A24	Cinco Hermanas	N	CALMA	W	N	W	N	NE	SW	N	SW
A25	I. Elena	N	CALMA	W	N	N	N	NE	NW	NW	CALMA
A26	I. Canquenes	W	SW	CALMA	N	W	W	CALMA	W	NW	SW
A27	E. Quitralco	N	SW	N	NE	N	E	NW	NW	CALMA	SW
A28	Pta. Lynch	N	SW	W	NE	W	N	NW	SW	E	N
A29	Pto. Bonito	N	W	N	N	NW	CALMA	NW	NW	W	CALMA
A30	I. Julián	N	S	W	W	N	N	W	NW	NW	SE
A31	Is. Huichas	N	S	W	N	N	N	NW	NW	NW	SW
A32	I. Vergara	N	NW	W	NW	N	N	NW	W	NW	CALMA
A33	I. Concoto	CALMA	SW	NW	NW	NW	SW	SW	W	SW	E
A34	I. García	NE	SW	NW	NW	SW	SW	SW	W	SW	NE
A35	I. Sierra	W	NW	N	N	W	W	N	W	SW	SE
A36	G. Enjambre	SW	NW	S	N	W	W	S	SW	SW	S
A37	I. Teresa	W	NE	N	N	W	W	NW	CALMA	NW	W
A38N1	I. Jesús	W	NW	NW	N	W	W	N	SW	SW	W
A39	Pto. Lampazo	W	NW	NW	N	W	NW	N	SW	W	W
A40	I. Silachilu	W	NW	NW	N	W	W	N	SW	W	W
A41	C. Ninualac	W	CALMA	N	N	W	W	N	SW	NW	W
A42	C. Pilcomayo	N	SW	W	N	N	N	NW	W	SW	SE
A43	Playas Largas	W	NE	NE	SW	W	W	SW	W	NW	SE
A44	C. Carrera del Chivato	SW	NE	CALMA	S	W	CALMA	CALMA	W	NW	SE
A45	C. Rodríguez	N	NW	W	SW	N	CALMA	NW	NW	SW	SE
A46	I. Churrecue	N	NW	W	SW	N	W	NW	NW	SW	SE
A47	I. Castillo	SW	NE	E	S	W	CALMA	SW	NW	NW	SE
A48	I. Palumbo	W	SW	CALMA	S	W	W	CALMA	SW	SW	SW
A49	C. Darwin	W	SW	NE	S	W	E	CALMA	N	NE	S
A50	Tronador	N	CALMA	W	NE	N	N	NE	W	NW	N
A51	C. Vicuña	W	CALMA	N	NW	W	W	CALMA	SW	NE	S
A52	Colonia Grande	N	SW	W	NE	N	CALMA	SW	N	E	N
A53	C. Chacabuco	N	SW	N	N	W	W	NW	NW	NW	SE
A54	I. Rojas-Paso Tres Cruces	N	SW	N	N	NW	W	NW	NW	NE	SE
A55	I. Orlebar	CALMA	W	SW	W	CALMA	SW	S	NW	SE	SW
A56	I. Alert – Roca Lobo	SE	W	S	W	CALMA	SW	S	W	SE	SW
A57	I. Scout	CALMA	N	S	N	CALMA	SW	S	W	E	SW
A58	I. Porcia	SE	NW	SW	N	NW	SW	S	W	E	SW
A59	I. Zealous	SE	NW	S	N	NW	SW	S	W	E	SW
A60	Pta. Baker	CALMA	W	NE	W	CALMA	N	S	NW	SE	SW

Anexo 88 (continuaci3n)

Velocidad prom. Viento (m/s)											
Estaci3n	Localidad	1 - 29 dic 08	28 ene - 8 mar 09	20 mar - 2 abr 09	14 abr -10 may 09	16 may - 1 jun 09	10 jun -27 jul 09	5 - 28 sep 09	4 oct -1 nov 09	7 - 23 nov 09	3 - 17 dic 09
A01	I. Virginia-B. Low	3,70	2,00	0,80	2,10	1,30	1,00	CALMA	3,10	2,30	2,90
A02	Repollal-C. Puquiti3n	2,00	2,05	2,80	1,60	2,20	1,30	0,80	2,70	2,60	1,20
A03	Pto. Barrientos	2,30	3,30	0,70	3,30	3,00	3,10	1,20	5,70	3,50	1,70
A04	I. Julia-G. Peligroso	5,00	4,03	1,30	1,20	2,40	4,20	0,90	1,80	4,70	3,80
A05	I. Ovalada	CALMA	2,50	1,30	7,00	1,30	2,40	3,10	7,00	3,80	2,10
A05N1	I. Valverde	3,10	4,68	0,80	4,50	1,70	1,20	2,80	1,40	1,60	1,30
A06	Laja Brazo Pill3n 1	1,85	CALMA	2,10	1,30	2,30	1,30	CALMA	CALMA	CALMA	1,20
A07	Canal	2,65	CALMA	2,00	0,50	0,50	1,70	CALMA	0,90	3,50	1,20
A08	Repollal – E. Las Islas	0,45	CALMA	1,10	1,10	1,20	1,50	1,00	4,50	CALMA	0,70
A09	Sto. Domingo	8,31	CALMA	2,10	0,80	1,20	3,50	CALMA	6,20	6,80	2,70
A10	Añihu3	2,57	1,00	1,20	2,50	5,30	1,90	2,20	0,70	2,20	5,50
A11	Melimoyu	6,43	CALMA	1,80	0,50	1,90	1,00	CALMA	1,50	CALMA	CALMA
A12	S. Gala	0,68	3,50	5,10	1,30	2,10	6,80	CALMA	CALMA	CALMA	3,10
A13	I. Toto	1,76	7,00	4,80	0,50	4,50	6,90	2,00	3,50	3,30	1,70
A14	S. Miller	1,29	7,20	5,80	0,80	5,00	5,00	2,70	2,70	2,00	2,40
A15	I. Manuel	0,94	CALMA	3,10	2,50	2,30	4,70	2,80	3,60	2,40	3,20
A16	I. Gama Zañartu-C. Yacaf	0,71	2,40	5,80	1,00	1,20	2,00	2,90	2,50	2,40	4,80
A17	I. Bobadilla-S. Soto	0,98	CALMA	4,50	1,30	1,50	4,80	0,20	1,00	3,20	2,50
A18	Pta. C3lqueman	2,61	4,30	0,50	1,20	1,50	3,70	3,20	3,20	5,10	4,20
A19	S. Magdalena	0,20	4,00	3,80	0,80	3,70	2,10	1,80	5,30	3,80	0,20
A20	Faro Marta-C. Puyuhuapi	1,07	5,00	4,10	1,50	3,00	3,80	4,80	2,30	4,50	1,80
A21	Pto. Amparo	5,63	1,90	1,30	1,80	4,00	0,50	1,10	2,00	6,40	3,00
A22	I. Sn. Andr3s	3,90	0,90	1,60	0,50	5,90	1,50	1,30	0,70	6,70	4,50
A23	I. Orestes	1,37	1,00	2,40	1,80	3,30	5,90	1,90	3,70	3,00	2,70
A24	Cinco Hermanas	3,40	CALMA	3,10	4,80	0,20	6,50	5,20	4,50	0,40	2,70
A25	I. Elena	1,63	CALMA	2,10	4,00	2,50	7,20	2,80	9,00	3,80	CALMA
A26	I. Canquenes	2,35	3,10	CALMA	1,20	6,80	1,10	CALMA	1,40	6,50	1,60
A27	E. Quitrarco	1,29	3,80	2,50	2,00	5,00	2,80	7,80	7,50	CALMA	2,60
A28	Pta. Lynch	1,20	4,10	3,70	3,10	2,10	3,90	7,70	1,50	3,80	0,80
A29	Pto. Bonito	2,20	2,00	4,90	1,00	3,90	CALMA	2,30	5,30	3,50	CALMA
A30	I. Juli3n	2,31	CALMA	0,50	3,50	4,50	6,90	2,10	3,90	3,40	5,30
A31	Is. Huichas	3,50	0,50	4,20	3,10	3,30	6,50	7,90	8,20	2,90	0,30
A32	I. Vergara	0,98	0,70	4,20	1,80	2,20	6,20	6,60	3,60	4,20	CALMA
A33	I. Concoto	CALMA	3,70	2,20	3,50	1,50	1,40	3,70	8,00	2,90	2,30
A34	I. Garc3a	4,20	2,35	0,10	8,00	1,70	1,5	2,10	4,20	3,70	1,30
A35	I. Sierra	2,50	2,20	2,30	1,20	0,50	6,20	2,10	2,00	5,20	0,40
A36	G. Enjambre	0,50	1,00	0,50	2,50	3,70	6,00	5,10	0,70	6,80	3,20
A37	I. Teresa	6,50	1,10	3,50	3,10	1,90	0,50	0,60	CALMA	5,80	2,70
A38N1	I. Jes3s	4,33	0,50	0,30	0,60	0,80	9,50	0,40	3,20	6,90	3,10
A39	Pto. Lampazo	3,43	0,40	1,30	2,10	1,50	2,40	1,20	4,20	9,70	0,80
A40	I. Silachilu	1,69	1,00	3,40	5,10	1,50	5,30	5,00	3,60	11,90	1,70
A41	C. Ninualac	2,31	CALMA	0,30	3,30	0,90	2,40	2,50	2,10	8,50	3,80
A42	C. Pilcomayo	1,29	0,20	2,10	7,50	4,50	2,50	6,20	6,60	1,50	0,50
A43	Playas Largas	0,90	3,20	1,20	2,50	2,50	1,30	0,80	6,50	2,90	1,70
A44	C. Carrera del Chivato	0,94	3,00	CALMA	1,00	3,50	CALMA	CALMA	2,50	3,10	0,70
A45	C. Rodr3guez	1,15	1,00	2,20	1,00	4,00	CALMA	0,90	3,80	3,50	1,70
A46	I. Churrecue	1,19	4,70	3,20	0,80	2,00	3,00	0,80	3,90	4,20	1,50
A47	I. Castillo	3,43	7,40	4,50	0,90	7,10	CALMA	0,50	2,00	4,10	0,50
A48	I. Palumbo	2,39	5,10	CALMA	2,80	6,80	1,00	CALMA	3,90	3,50	3,80
A49	C. Darwin	6,30	3,30	6,70	3,50	6,60	1,50	CALMA	1,20	4,80	1,40
A50	Tronador	2,35	CALMA	2,20	3,50	2,50	1,30	2,10	8,00	3,10	1,50
A51	C. Vicu3a	1,46	CALMA	1,50	1,00	6,50	0,50	CALMA	3,20	5,20	1,50
A52	Colonia Grande	2,31	2,20	2,10	1,50	1,00	CALMA	2,20	0,90	0,80	0,80
A53	C. Chacabuco	3,98	0,50	1,80	2,50	5,80	0,80	9,00	4,50	3,50	1,50
A54	I. Rojas-Paso Tres Cruces	1,20	3,50	1,90	3,80	0	0,50	4,40	4,30	6,40	1,90
A55	I. Orlebar	CALMA	0,10	1,20	1,10	4,00	3,30	1,50	2,10	3,30	0,10
A56	I. Alert – Roca Lobo	1,02	0,16	2,30	0,80	0	1,60	1,70	1,80	1,80	1,30
A57	I. Scout	CALMA	1,29	1,90	2,60	0	4,80	2,30	3,20	2,20	3,50
A58	I. Porcia	0,50	1,11	1,20	5,60	2,50	3,20	1,00	2,90	2,20	1,80
A59	I. Zealous	0,80	1,37	1,10	3,30	2,50	1,50	2,30	4,80	3,70	1,60
A60	Pta. Baker	CALMA	0,22	3,00	0,40	0	2,40	0,50	5,80	1,30	1,60

Anexo 89.

Datos Meteorológicos de terreno para la región de Magallanes

Temperatura ambiente (°C)											
Estación	Localidad	2 dic 08 - 12 ene 09	22 ene - 3 mar 09	15 mar -1 abr 09	23 abr - 12 may 09	28 may - 19 jun 09	22 jul - 13 ago 09	2 - 13 sep 09	4 oct - 4 nov 09	6 nov - 5 dic 09	7 dic 09 - 13 ene 10
M04	C. Adalberto	15,0	14,4	11,0	7,0	7,5	5,0	6,0	5,0	5,0	5,5
M05	B. Liberta	14,8	14,1	10,0	7,0	7,5	5,0	6,0	6,0	5,0	6,0
M06	Pto. Edén	16,0	12,6	11,5	8,0	7,5	3,6	6,0	5,0	4,5	6,0
M01N	I. Morton	16,0	11,6	11,8	8,0	7,5	5,0	6,5	5,0	4,9	6,0
M02N	I. Carlos	16,0	11,4	10,4	8,0	7,5	5,0	6,5	5,0	4,8	6,0
M03N	A. Hamond	16,0	11,6	8,0	7,0	7,5	4,0	6,5	5,0	4,8	6,0
M07	I. Crossover	10,0	12,9	10,0	7,0	7,5	4,0	8,5	6,0	4,5	6,0
M24N	Paso del Abismo	10,0	12,3	10,0	6,0	7,0	4,0	6,0	9,0	4,5	5,0
M08	E. Falcon	9,0	11,7	9,0	7,0	7,5	4,0	6,5	9,0	4,0	5,0
M25N	E. Ringdove	9,0	11,9	10,0	7,0	7,5	4,0	7,5	9,0	4,0	5,0
M09	E. Pengüin	8,9	13,5	11,0	8,0	5,0	3,7	8,5	7,0	4,0	6,0
M10	S. Europa	9,7	12,5	12,5	8,0	6,0	3,5	9,0	7,0	4,5	5,0
M11	I. Topar	8,9	14,3	10,0	8,0	6,0	3,0	7,0	6,0	4,5	6,0
M12	I. Figueroa	8,0	10,1	9,5	7,0	6,0	5,0	7,0	3,0	4,5	6,0
M13	E. Peel	9,0	10,7	10,5	8,0	6,0	5,0	5,0	5,0	4,5	6,0
M14	Pto. Bueno	8,0	12,6	10,0	8,0	6,0	5,0	5,0	7,0	5,0	6,0
M15	I. Vancouver	10,8	12,9	9,5	8,0	5,0	4,0	5,0	6,0	5,0	6,0
M16	I. Piazzi	11,0	12,9	9,5	7,0	5,0	4,0	8,0	6,0	5,0	6,0
M17	Cta. Williams	10,0	12,1	11,0	5,0	6,0	4,5	6,0	6,0	4,5	5,0
M18	B. Ensenada	10,0	13,1	10,0	5,0	6,0	4,0	6,5	6,0	4,0	5,0
M19	B. Isthmus	10,0	14,1	10,5	8,0	6,0	4,0	7,0	6,0	4,0	5,0
M20	I. Larga	10,0	13,5	10,5	8,0	6,0	4,0	9,0	5,0	4,0	5,0
M21	Pto. Fontaine	10,0	13,9	10,0	7,0	6,0	4,5	8,0	7,0	4,5	5,0
M22	E. de las Montañas	9,0	12,5	10,6	8,0	6,0	4,5	7,0	6,0	4,5	5,0
M23	I. Ballesteros	9,0	12,5	10,6	8,0	6,0	4,0	5,0	7,0	4,5	5,0
M24	B. Fanny	13,0	14,0	7,0	11,0	10,0	6,0	4,0	5,0	9,0	6,0
M25	E. Silva Palma	10,0	14,0	7,0	6,0	10,5	7,0	4,0	5,0	10,0	6,0
M26	E. Wickham	13,0	14,0	7,0	7,0	10,0	5,0	4,0	5,0	8,0	7,0
M27	E. Sullivan	13,0	14,0	7,0	10,0	9,5	5,0	4,0	5,0	8,0	6,0
M28	E. Nuñez	14,0	14,0	7,0	10,0	10,0	4,0	4,0	4,0	7,0	6,0
M29	Cutter Cove	13,0	11,0	7,0	10,0	10,0	3,0	3,5	4,0	6,0	5,0
M30	B. Mussel	12,0	9,0	8,0	6,0	11,5	4,0	4,0	5,0	8,0	5,0
M31	B. Nash	11,0	8,0	8,0	6,0	10,5	5,0	4,0	5,0	7,0	5,0
M32	B. Cordes	10,0	13,0	8,0	10,0	9,0	6,0	4,0	5,0	8,0	4,0
M33	B. Bell	12,0	10,0	8,0	10,0	13,1	6,0	4,0	4,0	7,0	5,0
M34	S. Pedro	12,0	11,0	7,0	9,0	12,3	6,0	4,0	5,0	6,0	7,0
M35	Cabo Sn. Isidro	10,0	12,0	8,0	8,0	9,5	7,0	4,0	5,0	5,0	6,0
M36	B. Buena	13,0	8,0	5,0	7,0	5,6	6,0	9,0	10,0	11,0	8,0
M37	B. Agua Fresca	12,0	8,0	6,0	9,0	5,2	6,1	9,0	11,0	13,0	8,0
M38	Río Seco	12,0	8,0	6,0	7,0	7,0	5,0	6,5	9,0	11,0	9,0
M39	Pto. Zenteno	12,0	9,0	5,0	8,0	6,0	5,0	9,5	9,0	14,0	9,0
M40	S. Ventisquero	11,0	6,0	6,0	5,5	6,0	-3,0	5,0	4,0	3,0	10,0
M41	V. España	10,0	8,1	6,0	5,0	7,0	-3,2	4,0	4,0	6,0	9,0
M42	V. Holanda	9,0	7,5	8,0	5,0	5,0	-4,0	5,0	5,0	5,0	9,0
M43	B. Yendegaia	11,0	8,7	6,0	5,5	7,0	2,0	5,0	5,0	6,0	11,0
M44	Pto. Navarino	12,0	8,5	7,0	5,0	8,0	3,0	5,0	4,5	4,0	10,0
M45	Pto. Williams	10,0	7,0	7,0	6,0	8,0	4,0	5,0	4,0	5,0	9,0
M46	Pto. Eugenia	9,0	7,0	8,0	6,0	8,0	4,0	5,0	4,5	5,0	9,0

S/M = Sin muestra

S/I = Sin Información

Anexo 89 (continuación)

Nubosidad (Octavos de cielo)											
Estación	Localidad	2 dic 08 - 12 ene 09	22 ene - 3 mar 09	15 mar - 1 abr 09	23 abr - 12 may 09	28 may - 19 jun 09	22 jul - 13 ago 09	2 - 13 sep 09	4 oct - 4 nov 09	6 nov - 5 dic 09	7 dic 09 - 13 ene 10
M04	C. Adalberto	1	8	8	8	2	8	8	7	8	7
M05	B. Liberta	1	8	8	8	2	8	8	8	8	7
M06	Pto. Edén	1	8	8	8	2	8	8	7	8	7
M01N	I. Morton	1	8	8	8	2	8	8	7	8	7
M02N	I. Carlos	1	8	8	8	2	8	8	7	8	7
M03N	A. Hamond	1	8	8	8	2	8	8	6	8	7
M07	I. Crossover	2	8	8	8	1	8	8	5	8	8
M24N	Paso del Abismo	2	8	8	7	8	6	8	6	8	8
M08	E. Falcon	2	8	8	8	8	1	8	7	8	8
M25N	E. Ringdove	3	8	8	8	8	1	8	6	8	8
M09	E. Penguin	7	8	8	8	7	1	8	7	8	8
M10	S. Europa	8	8	8	8	7	1	8	8	8	8
M11	I. Topar	6	8	8	8	4	8	8	7	8	8
M12	I. Figueroa	8	7	8	8	6	8	8	8	8	8
M13	E. Peel	8	8	8	8	6	7	8	8	8	8
M14	Pto. Bueno	8	7	8	8	0	7	8	8	8	8
M15	I. Vancouver	7	8	8	8	8	8	8	8	6	8
M16	I. Piazza	7	8	8	8	8	7	8	8	6	8
M17	Cta. Williams	7	8	8	8	8	8	8	8	8	8
M18	B. Ensenada	7	8	8	8	8	8	8	8	8	8
M19	B. Isthmus	7	8	8	8	8	8	6	8	8	8
M20	I. Larga	7	8	8	8	8	8	8	8	8	8
M21	Pto. Fontaine	7	8	8	8	8	8	8	8	8	8
M22	E. de las Montañas	6	8	7	8	8	8	8	8	8	8
M23	I. Ballesteros	7	6	8	8	8	7	8	5	8	8
M24	B. Fanny	8	7	6	8	8	6	8	8	8	8
M25	E. Silva Palma	8	4	8	8	8	6	8	7	7	7
M26	E. Wickham	8	4	8	7	8	6	8	7	7	8
M27	E. Sullivan	8	5	8	8	8	3	8	8	6	8
M28	E. Nuñez	8	5	8	7	8	7	8	8	8	8
M29	Cutter Cove	8	6	8	8	8	8	8	8	6	8
M30	B. Mussel	8	7	8	8	6	7	8	8	7	8
M31	B. Nash	8	4	8	8	6	3	8	8	8	8
M32	B. Cordes	8	6	8	8	8	3	8	6	8	6
M33	B. Bell	8	7	8	8	8	4	7	7	8	8
M34	S. Pedro	7	5	8	7	6	5	6	7	8	8
M35	Cabo Sn. Isidro	8	2	7	8	5	8	8	8	8	8
M36	B. Buena	7	6	8	8	8	8	1	7	3	8
M37	B. Agua Fresca	6	6	8	8	8	8	2	7	2	8
M38	Río Seco	6	6	7	8	8	7	2	8	6	7
M39	Pto. Zenteno	5	6	8	8	8	5	1	8	5	7
M40	S. Ventisquero	8	8	8	6	8	8	8	8	7	7
M41	V. España	8	6	7	7	8	7	8	8	8	8
M42	V. Holanda	8	7	7	7	8	8	7	7	8	7
M43	B. Yendegaia	7	7	8	7	8	8	6	7	8	5
M44	Pto. Navarino	6	6	7	8	8	8	7	8	8	5
M45	Pto. Williams	8	4	5	6	8	8	7	8	6	4
M46	Pto. Eugenia	8	4	7	7	8	8	7	8	6	4

S/M = Sin muestra

S/I = Sin Información

Anexo 89 (continuación)

Presión Barométrica (mba)											
Estación	Localidad	2 dic 08 - 12 ene 09	22 ene - 3 mar 09	15 mar - 1 abr 09	23 abr - 12 may 09	28 may - 19 jun 09	22 jul - 13 ago 09	2 - 13 sep 09	4 oct - 4 nov 09	6 nov - 5 dic 09	7 dic 09 - 13 ene 10
M04	C. Adalberto	1020	1011	1005	1006	1025	1011	993	1003	1000	1015
M05	B. Liberta	1020	1011	1005	1006	1025	1011	994	1000	1000	1015
M06	Pto. Edén	1020	1008	1010	1006	1025	1013	991	1025	998	1015
M01N	I. Morton	1020	1009	1010	1006	1025	1011	991	1025	998	1015
M02N	I. Carlos	1020	1009	1010	1006	1025	1011	991	1023	998	1015
M03N	A. Hamond	1020	1008	1010	1006	1025	1013	991	1022	998	1015
M07	I. Crossover	1020	1011	1010	1006	1025	1013	993	1024	990	1015
M24N	Paso del Abismo	1020	1010	1010	1007	1007	1013	995	1025	990	1015
M08	E. Falcon	1020	1011	1008	1007	1007	1013	995	1025	998	1015
M25N	E. Ringdove	1020	1015	1008	1007	1015	1013	996	1025	998	1015
M09	E. Penguin	1019	1015	1008	1001	1026	1013	1010	1023	998	1014
M10	S. Europa	1019	1015	1000	1001	1028	1013	1010	1024	1003	1014
M11	I. Topar	1020	1018	1002	1001	1026	1012	1008	1000	1003	1014
M12	I. Figueroa	1019	1018	1005	1001	1027	1023	1014	1018	1003	1016
M13	E. Peel	1019	1020	1005	997	1027	1024	1021	1017	1003	1017
M14	Pto. Bueno	1019	1021	1007	995	1024	1025	1017	1014	1008	1017
M15	I. Vancouver	1019	1018	1006	995	1003	1025	1015	1023	1008	1017
M16	I. Piazza	1020	1014	1002	995	1003	1010	1013	995	998	1017
M17	Cta. Williams	1019	1008	1002	989	999	1001	1019	994	990	1015
M18	B. Ensenada	1019	1007	999	989	999	988	1020	994	990	1015
M19	B. Isthmus	1019	1005	818	993	1000	988	1019	994	990	1015
M20	I. Larga	1019	1004	999	993	1000	988	1019	994	990	1015
M21	Pto. Fontaine	1019	1007	999	997	999	1001	1019	994	990	1015
M22	E. de las Montañas	1019	1012	994	997	999	1001	1017	995	990	1015
M23	I. Ballesteros	1019	1008	998	993	999	1010	1003	991	990	1015
M24	B. Fanny	1001	1006	994	990	1004	1012	1009	1010	999	992
M25	E. Silva Palma	1000	1008	993	990	1004	1013	1006	1010	999	992
M26	E. Wickham	1000	1008	994	995	1004	1013	1009	1010	998	993
M27	E. Sullivan	1001	1006	993	990	1007	1012	1008	1011	998	995
M28	E. Nuñez	1001	1006	993	990	1007	1011	1008	1011	998	993
M29	Cutter Cove	1001	1005	993	989	1008	1010	1008	1011	997	993
M30	B. Mussel	1002	1005	988	985	1005	1002	1010	998	995	996
M31	B. Nash	1002	1002	988	986	1011	1001	1010	998	995	996
M32	B. Cordes	1002	1006	992	985	1003	1000	1010	994	992	997
M33	B. Bell	1000	1000	1004	990	1011	991	1009	1019	990	993
M34	S. Pedro	999	999	1004	992	1012	989	1009	1019	990	992
M35	Cabo Sn. Isidro	998	997	992	993	1015	1008	1008	1019	998	993
M36	B. Buena	1010	1011	993	1003	990	1023	999	1003	1006	1001
M37	B. Agua Fresca	1011	1011	995	1002	998	1023	999	1003	1007	1001
M38	Río Seco	1012	1007	992	1000	989	1012	1000	1006	1004	1010
M39	Pto. Zenteno	1012	1007	993	1000	986	1012	999	1006	1006	1010
M40	S. Ventisquero	980	1004	995	998	1000	1010	981	976	994	999
M41	V. España	1000	1004	995	1000	989	1011	981	967	994	998
M42	V. Holanda	1002	1005	995	1000	986	1011	976	989	994	1002
M43	B. Yendegaia	1010	1005	991	1001	869	1010	995	989	1010	998
M44	Pto. Navarino	1011	1005	991	997	987	989	995	998	1010	1004
M45	Pto. Williams	1010	1005	991	998	991	1000	981	998	998	1005
M46	Pto. Eugenia	1010	1005	991	997	986	1000	987	998	998	1003

S/M = Sin muestra

S/I = Sin Información

Anexo 89 (continuación)

Dirección del Viento											
Estación	Localidad	2 dic 08 - 12 ene 09	22 ene - 3 mar 09	15 mar - 1 abr 09	23 abr - 12 may 09	28 may - 19 jun 09	22 jul - 13 ago 09	2 - 13 sep 09	4 oct - 4 nov 09	6 nov - 5 dic 09	7 dic 09 - 13 ene 10
M04	C. Adalberto	S	NE	NW	S	SW	W	SE	NW	S	SW
M05	B. Liberta	S	NE	NW	S	SW	W	SE	NW	S	SW
M06	Pto. Edén	S	NW	NW	NE	SW	NW	N	NW	SW	S
M01N	I. Morton	S	NW	NW	NE	SW	N	N	NW	SW	S
M02N	I. Carlos	S	NW	NW	NE	SW	N	N	NW	SW	S
M03N	A. Hamond	S	NW	NW	NE	SW	NW	N	NW	SW	S
M07	I. Crossover	S	NE	NW	NE	W	NW	N	NW	W	NW
M24N	Paso del Abismo	S	NW	NW	NW	N	NE	N	NW	W	NW
M08	E. Falcon	S	NW	NW	NW	N	NE	N	NW	NW	NW
M25N	E. Ringdove	S	NE	NW	NW	N	NE	N	NW	NW	NW
M09	E. Pengüin	S	NE	NW	N	N	NE	N	NW	NW	S
M10	S. Europa	S	NE	NW	N	N	NE	N	NW	NW	S
M11	I. Topar	S	NW	W	NW	N	NW	N	SW	NW	S
M12	I. Figueroa	SW	N	W	W	N	E	NW	SW	SW	NW
M13	E. Peel	N	NW	W	NW	N	SE	S	NW	NW	NW
M14	Pto. Bueno	N	NW	W	NW	NE	E	NW	NW	S	NW
M15	I. Vancouver	SE	NW	W	NW	W	NE	NW	W	SW	NW
M16	I. Piazzì	SW	NW	NW	NW	W	SW	NW	NW	SW	SW
M17	Cta. Williams	W	E	NW	NW	NE	NW	SW	NW	NW	NE
M18	B. Ensenada	W	E	NW	NW	NE	NW	W	NW	NW	NE
M19	B. Isthmus	W	E	NW	SW	NE	NW	W	NW	NW	NE
M20	I. Larga	W	E	NW	SW	NE	NW	W	NW	NW	NE
M21	Pto. Fontaine	W	NW	NW	SW	NE	NW	W	NW	W	N
M22	E. de las Montañas	W	NW	N	SW	NE	W	W	NW	W	N
M23	I. Ballesteros	W	NW	NW	SW	NE	SE	W	NW	W	N
M24	B. Fanny	W	NW	NW	W	N	SE	NW	N	SW	S
M25	E. Silva Palma	NW	NW	NW	W	NW	SE	N	N	S	W
M26	E. Wickham	W	NW	NW	NW	NE	SE	NW	N	NW	W
M27	E. Sullivan	W	NW	NW	NW	W	SE	NE	NW	NW	NW
M28	E. Nuñez	W	NW	SW	NW	NW	SE	NW	NW	NW	NW
M29	Cutter Cove	W	NW	NW	NW	NW	SE	NW	NW	NW	NW
M30	B. Mussel	W	NW	NW	NW	NW	S	SW	SW	NW	NW
M31	B. Nash	W	NW	NW	NW	NW	S	SW	SW	NW	NW
M32	B. Cordes	NW	NW	NW	NW	NW	S	SW	SW	SW	S
M33	B. Bell	NW	NW	NW	NW	NW	S	W	W	SW	S
M34	S. Pedro	NW	NW	NW	N	NW	S	NW	NW	NW	S
M35	Cabo Sn. Isidro	SW	N	NW	N	NW	N	SW	N	NW	W
M36	B. Buena	SW	NW	NW	NW	W	SW	W	SW	W	W
M37	B. Agua Fresca	SW	NW	NW	NW	W	SW	W	SW	W	W
M38	Río Seco	NW	NW	W	W	W	W	W	SW	NW	NW
M39	Pto. Zenteno	NW	SW	W	W	W	W	W	SW	NW	NW
M40	S. Ventisquero	SW	WNW	NW	NW	SW	W	NW	N	NW	NW
M41	V. España	SE	SW	NW	W	SW	W	NW	N	NW	N
M42	V. Holanda	S	E	NW	W	SW	W	W	W	SW	NW
M43	B. Yendegaia	SE	S	NW	W	SW	NW	NW	W	NW	N
M44	Pto. Navarino	N	S	NW	N	SW	NE	NW	NE	SE	NW
M45	Pto. Williams	SE	WNW	W	W	SW	NE	W	NW	NW	NW
M46	Pto. Eugenia	SE	WNW	W	N	SW	NE	SW	NW	N	NW

S/I = Sin Información

Anexo 89 (continuación)

Velocidad prom. Viento (m/s)											
Estación	Localidad	2 dic 08 - 12 ene 09	22 ene - 3 mar 09	15 mar - 1 abr 09	23 abr - 12 may 09	28 may - 19 jun 09	22 jul - 13 ago 09	2 - 13 sep 09	4 oct - 4 nov 09	6 nov - 5 dic 09	7 dic 09 - 13 ene 10
M04	C. Adalberto	8,95	1,44	5,09	2,90	0,73	2,13	1,14	0,46	5,93	1,98
M05	B. Liberta	9,13	0,64	4,10	2,70	0,64	2,86	0,10	3,26	5,83	1,70
M06	Pto. Edén	8,86	2,41	5,42	2,00	0,71	3,20	2,09	0,10	4,94	1,34
M01N	I. Morton	9,53	3,84	3,04	1,78	0,62	3,23	2,80	0,04	4,61	1,34
M02N	I. Carlos	8,97	1,20	5,00	1,82	0,82	3,15	0,10	0,06	4,16	1,24
M03N	A. Hamond	8,63	5,48	3,27	2,46	0,61	2,49	2,29	2,98	3,65	1,19
M07	I. Crossover	0,13	5,09	4,32	2,28	1,06	2,55	1,56	2,31	4,97	1,41
M24N	Paso del Abismo	0,48	1,46	3,40	2,02	2,04	3,38	0,48	3,00	3,94	1,67
M08	E. Falcon	1,04	3,39	6,33	1,82	2,26	3,46	0,67	4,21	5,90	2,28
M25N	E. Ringdove	0,11	6,59	3,79	1,94	2,08	5,40	0,45	2,42	5,91	1,38
M09	E. Pengüin	1,09	0,37	5,28	2,98	1,42	3,43	3,41	2,48	6,14	1,97
M10	S. Europa	1,13	1,66	6,12	2,84	1,30	3,62	3,94	1,99	4,14	2,01
M11	I. Topar	1,89	0,71	4,25	2,18	1,99	1,67	1,95	0,04	4,36	1,87
M12	I. Figueroa	1,98	7,26	4,14	3,08	1,84	1,75	1,89	2,62	5,41	2,19
M13	E. Peel	6,97	1,26	3,11	3,56	2,04	1,69	0,05	3,40	5,58	1,91
M14	Pto. Bueno	6,61	1,59	3,07	3,82	1,66	0,70	0,79	1,06	4,16	2,28
M15	I. Vancouver	0,82	2,75	4,20	3,42	1,12	2,38	0,59	3,78	4,74	1,25
M16	I. Piazzì	0,76	4,31	3,09	3,82	2,01	3,12	1,62	2,50	4,83	1,97
M17	Cta. Williams	6,44	1,26	3,65	2,68	1,15	4,19	1,93	3,04	5,19	1,49
M18	B. Ensenada	6,45	1,67	4,62	2,22	1,22	3,82	3,31	2,24	5,97	1,49
M19	B. Isthmus	7,71	0,76	3,66	4,22	1,32	4,09	0,07	4,13	6,03	1,30
M20	I. Larga	7,09	1,34	2,86	3,15	1,43	3,57	0,06	3,92	6,14	1,47
M21	Pto. Fontaine	7,37	3,05	2,67	3,70	1,20	2,67	1,00	4,10	5,61	1,25
M22	E. de las Montañas	7,26	3,24	3,10	3,66	1,11	2,25	4,09	0,62	5,73	1,49
M23	I. Ballesteros	8,49	1,06	2,12	3,12	1,21	2,16	2,20	3,96	5,86	1,66
M24	B. Fanny	4,25	3,64	27,32	1,59	0,71	0,09	1,78	10,46	1,49	3,45
M25	E. Silva Palma	4,73	2,95	4,53	1,89	0,18	0,04	1,96	19,31	1,74	2,51
M26	E. Wickham	9,60	3,16	6,57	4,58	0,92	0,06	2,42	16,21	3,36	3,73
M27	E. Sullivan	6,64	3,04	4,68	4,45	2,58	0,14	2,32	11,62	1,68	3,69
M28	E. Nuñez	5,24	2,12	5,00	2,70	0,23	0,31	1,97	13,04	1,68	2,56
M29	Cutter Cove	5,25	2,14	10,99	7,96	0,80	1,67	3,96	13,27	1,43	2,19
M30	B. Mussel	3,19	0,18	6,22	1,52	1,11	0,11	2,61	19,15	2,10	2,83
M31	B. Nash	3,82	1,09	6,52	2,55	2,67	0,33	3,18	21,54	2,61	1,86
M32	B. Cordes	4,24	4,01	5,76	1,61	3,66	1,35	5,17	31,15	2,17	0,05
M33	B. Bell	1,07	1,63	5,00	1,66	0,30	1,64	3,00	11,37	3,27	1,31
M34	S. Pedro	3,22	2,76	10,16	1,87	1,52	2,40	4,59	6,62	1,06	5,06
M35	Cabo Sn. Isidro	11,80	3,02	31,10	2,53	1,63	3,68	2,20	9,31	3,04	7,27
M36	B. Buena	5,40	3,63	2,37	3,05	0,82	6,73	1,91	2,08	0,85	1,23
M37	B. Agua Fresca	5,89	3,34	2,00	2,33	0,46	7,96	1,69	2,72	0,06	1,27
M38	Río Seco	2,38	3,14	2,56	1,79	6,22	1,55	3,85	1,94	1,41	1,32
M39	Pto. Zenteno	3,17	3,29	1,76	2,15	6,08	2,26	1,60	2,07	0,04	1,24
M40	S. Ventisquero	2,90	2,41	3,02	1,06	9,57	3,19	1,56	70,89	1,08	8,76
M41	V. España	3,19	2,14	1,97	1,04	9,95	2,09	19,43	43,26	0,99	4,95
M42	V. Holanda	2,35	5,54	1,87	1,11	11,92	2,03	18,31	22,06	1,04	1,95
M43	B. Yendegaia	4,54	0,25	3,95	1,08	9,88	11,23	1,46	19,10	1,21	2,03
M44	Pto. Navarino	3,46	1,94	2,81	1,35	9,51	5,43	1,90	19,46	1,40	2,80
M45	Pto. Williams	5,75	1,41	4,02	1,36	3,83	3,84	2,67	22,12	4,41	1,23
M46	Pto. Eugenia	5,13	1,67	3,69	1,40	4,73	4,14	1,59	26,83	3,09	1,39

S/M = Sin muestra

S/I = Sin Información



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