

Projeto Mar de Dentro - Cruzeiro 7 Data: 23-24 de Agosto 1999
Contagem dos Organismos do Fitoplâncton (Nº Organismos/l)

Estações	O1 SUP.	O1 FUN.	P8 SUP.	P8 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P 5-SUP	P 5 FUN.	P 4 SUP	P 4 FUN.	P 3 SUP	P 3 FUN	P 2 SUP	P 2 FUN	P 1 SUP	P 1 FUN	R1 SUP	R1 FUN	R2 SUP	R3 SUP
Classe Bacillariophyceae																						
(=Diatomáceas)																						
Ordem Centrales																						
(=Diatomáceas Céntricas)			100																			
<i>Actinopychus</i> sp.																						
<i>Aulacoseira</i> sp.															1000		4000		4000	34000		
<i>Biddulphia</i> sp.																		10000				
<i>Cerataulina bicornis</i>																						
<i>Cerataulus</i> sp.																						
<i>Chaetocerus</i> sp.																						
<i>Coscinodiscus</i>													1000	2000	1000	4000	12000	10000	2000			
20-200 µm de diâmetro	4620	61400	200	27900			40	40														
acima de 200 µm			100																			
<i>Cyclotella</i> sp.									6000	8000	8000	12000	1000	34000	12000	52000	4000	40000	4000	10000		2000
<i>Dactylosolen fragilissimus</i>																						
<i>Ditylum brightwellii</i>	60			300																		
<i>Entomoneis</i> sp.					500	100																
<i>Guinardia delicatula</i>																						
<i>Guinardia flaccida</i>		1100																				
<i>Guinardia striata</i>																						
<i>Hemiaulus</i> sp.		17500																				
<i>Hemidiscus</i> sp.																						
<i>Leptocylindrus danicus</i>																						
<i>Lithodesmiun</i> sp.																						
<i>Melosira dubia</i>	2500	2500	5000	20000	600	400	200	180														
<i>Melosira</i> sp.	60								50000	54000	20000	10000	6000	18000	32000	58000	1370000	1530000	98000	60000	1000	7000
<i>Odontella mobilensis</i>																						
<i>Odontella rhombus</i>	20			100																		
<i>Odontella sinensis</i>																						
<i>Odontella</i> sp.																						
<i>Paralia sulcata</i>		900																				
<i>Proboscia alata</i>																						
<i>Pseudosolenia calcar-avis</i>				100																		
<i>Rhizosolenia</i> 2 sp.																						
<i>Rhizosolenia</i> 1 sp.																						
<i>Rhizosolenia imbricata</i>																						
<i>Rhizosolenia pungens</i>	1000			2300																		
<i>Rhizosolenia robusta</i>																						
<i>Rhizosolenia setigera</i>	60	100		200																		
<i>Skeletonema</i> sp.	5197708	607500	3375000	1815000	5605000	8255000	447000	1013000			8000	2000										
<i>Stephanopyxis turris</i>																						
<i>Stephanodiscus</i> sp.																	2000	30000				
<i>Terpsinoe musica</i>																						
<i>Terpsinoe</i> sp.																						
<i>Thalassiosira</i> sp.																						
<i>Triceratium</i> sp.																						
<i>Urozolenia</i> sp.																						
Ordem Pennales																						
(=Diatomáceas Penades)		300																				
<i>Amphipleura</i> sp.																						
<i>Amphora</i> sp.																						
<i>Anomooneis</i> sp.																						
<i>Asterionellopsis glacialis</i>				90000																		
<i>Bacillaria paradoxa</i>																						
<i>Campylosira</i> sp.																						
<i>Cocconeis</i> sp.															1000			10000				
<i>Cylindrotheca closterium</i>	10000		91885		5000	100	91885															
<i>Cylindrotheca</i> sp.																						
<i>Cymbella</i> sp.																						3000
<i>Diatoma</i> sp.																	2000	10000				
<i>Diploneis</i> sp.																						
<i>Eunotia</i> sp.														2000	3000		2000		4000	8000	4000	1000
<i>Fragilaria</i> sp.																	2000	10000	8000	8000	3000	
<i>Frustulia</i> sp.																	2000					
<i>Gomphonema</i> sp.																	4000				1000	
<i>Gramatophora</i> sp.																						
<i>Gyrosigma</i> sp.			100																2000			

Projeto Mar de Dentro - Novembro/1999

ORGANISMOS		Concentração (celas/L) nas Estações de Amostragem																					
Estações		O1 SUP.	O1 FUN.	P6 SUP.	P6 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P 5-SUP	P 5 FUN.	P 4 SUP	P 4 FUN.	P 3 SUP	P 3 FUN	P 2 SUP	P 2 FUN	P 1 SUP	P 1 FUN	R1 SUP	R1 FUN	R2 SUP	R3 SUP
Cyanophyta																							
(=Cianofíceas)																							
Anabaena sp.																				6000			
Aphanizomenon sp.																							
Aphanocapsa sp.																							
Aphanothece sp.																							
Chroococcus sp.																							
Cianofíceas Filamentosa																							
Lymnolthrix sp.																							
Lyngbya sp.														2000	2000	38000	20000	4000	4000				8000
Merismopedia sp.																							
Microcystis sp.																2000	4000		2000				4000
Oscillatoria sp.																							
Phormidium sp.														2000		16000	4000	2000					
Pseudoanabaena sp.																							
Raphidiopsis sp.																							
TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	4000	2000	56000	28000	6000	6000	6000	0	0	12000
Classe Chlorophyceae																							
(=Clorofíceas)																							
Actinastrum sp.																							
Ankistrodesmus sp.																2000	14000		4000				
Arthrodesmus sp.																			2000				
Botriococcus sp.																			2000				
Centractis sp.										2000				2000		4000	4000						
Chlamydomonas sp.										6000								6000		2000	8000		
Chlorella sp.																							
Chlorococcum sp.																							
Closteropsis sp.																							
Closterium sp.																4000	4000	2000		2000			
Coelastrum sp.																2000							
Cosmarium sp.																							
Crucigenia sp.																							
Dictyosphaerium sp.										2000													
Elakatothrix sp.										16000	10000								28000				4000
Emarella sp.																							
Euastrum sp.																2000							
Francelia sp.																							
Filamentosa não identifi.																8000	2000	2000	2000				22000
Golenkinia sp.																							
Lagerheimia sp.																							
Microactinium sp.																							
Monoraphidium sp.											2000	1000	2000	2000	2000	4000	10000	22000		4000	2000		
Mougeotia sp.																							
Não filamentosa														10000	10000								
Oocystis sp.										2000						2000	2000						2000
Pediastrum sp.																2000	4000						2000
Penium sp.																							
Scenedesmus sp.										4000				4000	2000	4000							
Schroederia sp.																		6000	2000				
Selenastrum sp.																							
Sphaerocystis sp.																							
Sphaerozostoma sp.																							
Staurastrum sp.																							
Tellingia sp.																							
Tetradion sp.																	2000						
Tetrastrum sp.																							
Treuberia sp.																							
Ulothrix sp.																							
TOTAL																							
Classe Bacillariophyceae																							

Estações (=Diatomáceas)	O1 SUP.	O1 FUN.	P6 SUP.	P6 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P 5-SUP 164000	P 5 FUN. 122000	P 4 SUP	P 4 FUN.	P 3 SUP	P 3 FUN	P 2 SUP	P 2 FUN	P 1 SUP	P 1 FUN	R1 SUP	R1 FUN	R2 SUP	R3 SUP
Ordem Centrales																						
(=Diatomáceas Céntricas)	20000	100	5000																			
<i>Actinopterychus</i> sp.																						
<i>Aulacoseira</i> sp.							600								2000			20000		4000		
<i>Biddulphia</i> sp.																						
<i>Cerataulina bicornis</i>																						
<i>Cerataulus</i> sp.																						
<i>Chaetocerus</i> sp.		1000																				
<i>Coscinodiscus</i>																2000	4000	4000		2000		
20-200 um de diâmetro	500	17600	1700	1500	2000	2600	1800	1100														
acima de 200 um		100																				
<i>Cyclotella</i> sp.									38000	8000	4000	2000	8000	4000	6000	10000	4000		2000		1000	
<i>Dactylosolen fragilisimus</i>																						
<i>Ditylum brightwellii</i>		100																				
<i>Entomoneis</i> sp.	300		500	100																		
<i>Guinardia delicatula</i>																						
<i>Guinardia flaccida</i>																						
<i>Guinardia striata</i>																						
<i>Hemiaulus</i> sp.																						
<i>Hemidiscus</i> sp.																						
<i>Leptocylindrus danicus</i>																						
<i>Lithodesmum</i> sp.																						
<i>Melosira dubia</i>	2200		15000	7500	17500		27500	200														
<i>Melosira</i> sp.	100						300		1070000	690000	9000	5000	92000	106000	940000	1020000	700000	690000	78000	54000		24000
<i>Odontella mobilensis</i>		100																				
<i>Odontella rhombus</i>		800																				
<i>Odontella sinensis</i>																						
<i>Odontella</i> sp.																						
<i>Paralia sulcata</i>		400																				
<i>Proboscia alata</i>																						
<i>Pseudosolenia calcar-avis</i>																						
<i>Rhizosolenia</i> sp.																						
<i>Rhizosolenia</i> 1 sp.																						
<i>Rhizosolenia imbricata</i>																						
<i>Rhizosolenia pungens</i>																						
<i>Rhizosolenia robusta</i>		100																				
<i>Rhizosolenia setigera</i>																						
<i>Skeletonema</i> sp.	405000		105000	20000		52500	37500															
<i>Stephanopyxis turris</i>																						
<i>Stephanodiscus</i> sp.									4000	2000											2000	
<i>Terpsinoe musica</i>																						
<i>Terpsinoe</i> sp.																						
<i>Thalassiosira</i> sp.																						
<i>Thalassiosira com muco.</i>																						
<i>Triceratium</i> sp.																						
<i>Urozolenia</i> sp.																						
Ordem Pennales																						
(=Diatomáceas Penadas)	300	5000		2500																		
<i>Amphipleura</i> sp.																						
<i>Amphora</i> sp.																						
<i>Anomoeoneis</i> sp.																						
<i>Asterionellopsis glacialis</i>		170000																				
<i>Bacillaria paradoxa</i>																						
<i>Campylodiscus</i> sp.																						
<i>Cocconeis</i> sp.															2000							
<i>Cylindrotheca closterium</i>	5000			91865																		
<i>Cylindrotheca</i> sp.																						
<i>Cymbella</i> sp.										8000							2000					
<i>Diatoma</i> sp.																	2000	4000	2000			14000
<i>Diplocheila</i> sp.		200	5000																			
<i>Eunotia</i> sp.																	2000		2000	2000	6000	

Estações	O1 SUP.	O1 FUN.	P6 SUP.	P6 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P 5-SUP	P 5 FUN.	P 4 SUP	P 4 FUN.	P 3 SUP	P 3 FUN	P 2 SUP	P 2 FUN	P 1 SUP	P 1 FUN	R1 SUP	R1 FUN	R2 SUP	R3 SUP
<i>Fragilaria</i> sp.															26000	24000			6000	8000		
<i>Frustulia</i> sp.																					1000	
<i>Gomphonema</i> sp.																	2000				3000	4000
<i>Gramatophora</i> sp.																						
<i>Gyrosigma</i> sp.	200	900																				
<i>Meuniera membranaceae</i>																						
<i>Navicula</i> sp.																		4000		2000	6000	
<i>Nitzschia longissima</i>																						
<i>Nitzschia</i> sp.	100								152000	168000		3000	4000	4000	8000		10000		2000	2000	4000	6000
<i>Pinnularia</i> sp.																					1000	
<i>Pleurosigma</i> sp.	100	1700																				
<i>Pseudonitzschia</i> sp.																						
<i>Stauroneis</i> sp.																						
<i>Surirella</i> sp.			200	100						2000									2000			
<i>Synedra</i> sp.				100																		
<i>Tabellaria</i> sp.																						
<i>Thalassiothrix</i> sp.																						
<i>Thalassionema nitzschioides</i>																						
TOTAL (Cátricas + Penadas)	433800	198100	132400	123465	19500	55100	67700	1300	1428000	998000	13000	10000	104000	114000	984000	1056000	726000	722000	94000	74000	22000	50000

Classe Dynophyceae																						
(=Dinoflagelados)		800																				800
<i>Alexandrium</i> sp.																						
<i>Cachonina nley</i>																						
<i>Ceratium furca</i>																						
<i>Ceratium longissimum</i>																						
<i>Ceratium trichoceros</i>																						
<i>Ceratium tripos</i>																						
<i>Ceratium</i> sp.																						
<i>Chlorogonium</i> sp.																				2000		
Cistos de dinoflagelados																						
<i>Cladomonas</i> sp.																						
<i>Cochlodinium</i> sp.																						
<i>Dinoflagelado Tecado</i>																						
<i>Dinophysis acuminata</i>																						
<i>Dinophysis caudata</i>																						
<i>Glenodinium</i> sp.																						
<i>Gonyaulax</i> sp.																						
Gymnodiniales não identif.																						
<i>Gymnodinium sanguineum</i>																						
<i>Gymnodinium</i> sp.																	2000					2000
<i>Gyrodinium</i> sp.																						
<i>Gyrodinium spirale</i>																						
<i>Noctiluca</i> sp.																						
<i>Oxyphysis oxytoxoides</i>																						
<i>Oxytoxum</i> sp.																						
<i>Peridinium</i> sp.																						
<i>Polykrkos</i> sp.																						
<i>Prorocentrum</i> 1 sp																						
<i>Prorocentrum gracile</i>																						
<i>Prorocentrum micans</i>																						
<i>Prorocentrum minimum</i>																						
<i>Protoperidinium</i> 1 sp.																						
<i>Protoperidinium</i> 2 sp.																						
<i>Protoperidinium</i> sp.			100																			100
<i>Protoperidinium oblongum</i>																						
<i>Scipsiella</i> sp.																						
<i>Scipsiella trochoides</i>																						
TOTAL	0	800	100	0	0	0	0	0	0	0	0	0	0	0	0	0	2000	0	0	0	0	2900

Classe Dictyochophyceae																						
(=Sileoflagelados)	100																					
<i>Dictyocha fibula</i>																						
TOTAL	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Estações	O1 SUP.	O1 FUN.	P6 SUP.	P6 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P 5-SUP	P 5 FUN.	P 4 SUP	P 4 FUN.	P 3 SUP	P 3 FUN	P 2 SUP	P 2 FUN	P 1 SUP	P 1 FUN	R1 SUP	R1 FUN	R2 SUP	R3 SUP
Classe Cryptophyceae																						
(=Cryptoficeae)			91665	274995	183330																	549990
<i>Cryptomonas</i> sp.									2000	1000	1000	4000	6000	2000					8000	38000	2000	64000
TOTAL	0	0	91665	274995	183330	0	0	0	0	2000	1000	1000	4000	6000	2000	0	0	0	8000	38000	2000	613990
Classe Chrysophyceae																						
(=Chroococcales)																						
<i>Chrysococcolis</i> sp.																						
<i>Chrysococcus</i> sp.									2000												1000	
<i>Dinobryon</i> sp.																						
<i>Mallomonas</i> sp.																						
TOTAL	0	0	0	0	0	0	0	0	2000	0	0	0	0	0	0	0	0	0	0	0	1000	0
Classe Raphidophyceae																						
(=Rafidoficeae)	91665																					
<i>Fibrocapsa japonica</i>																						
<i>Vacuolaria</i> sp.																				2000	1000	
TOTAL	91665	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2000	1000	0
Classe Praesinophyceae																						
(=Praesinoficeae)			183330																			
TOTAL	0	0	183330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Classe Euglenophyceae																						
(=Euglenoficeae)																						
<i>Astasia</i> sp.																						
<i>Eutreptiella</i> sp.																						
<i>Euglena</i> sp.																	4000				1000	
<i>Lepocinclis</i> sp.																						
<i>Phacus</i> sp.																			2000	2000	1000	
<i>Pteromonas</i> sp.																			2000	2000	4000	
<i>Trachelomonas</i> sp.																	4000					
<i>Strombomonas</i> sp.																			2000	2000		
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8000	0	6000	8000	2000	0
Mesodinium																						
TOTAL	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2000	0	0	0	0	0
Flagelados não identif.																						
< ou = 2 µm	458325		458325	549990	386860			1833300														
2 - 20 µm	1649970		641655	458325	1099980			3849930														
TOTAL	2108295	0	1099980	1008315	1466640	0	0	5683230	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zooplâncton																						
<i>Actinophrys</i> sp.									2000													
<i>Actinosphaerium</i> sp.								4000														
<i>Amoeba</i> sp.																						
<i>Anisonema</i> sp.																						
<i>Aspidisca</i> sp.																						
<i>Ciliados não identif.</i>																						
<i>Codonella</i> sp.								4000	2000				2000		2000							
<i>Codonellopsis</i> sp.																						
<i>Coleps</i> sp.																						
<i>Colpoda</i> sp.																						
<i>Cyrtolophosis</i> sp.																				2000		
<i>Diffugia</i> sp.																						
<i>Dileptus</i> sp.																				2000		
<i>Diamorphococcus</i> sp.																						
<i>Euglypha</i> sp.																						
<i>Eutimninus</i> sp.																						
<i>Halteria</i> sp.									2000													
<i>Monas</i> sp.																2000						

[illegible]

Projeto Mar de Dentro - Setembro/1999

Concentração (cel/L) nas Estações de Amostragem																						
ORGANISMOS	O1 SUP.	O1 FUN.	P6 SUP.	P6 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P 5-SUP.	P 5 FUN.	P 4 SUP.	P 4 FUN.	P 3 SUP.	P 3 FUN.	P 2 SUP.	P 2 FUN.	P 1 SUP.	P 1 FUN.	R1 SUP.	R1 FUN.	R2 SUP.	R3 SUP.
Cyanophyta																						
(-Cianofíceas)																						
Anabaena sp.																						
Aphanizomenon sp.																						
Aphanocapsa sp.																						
Aphanothece sp.																						
Chroococcus sp.																						
Cianofíceas Filamentosas				48800																		
Lymnethrix sp.																						
Lyngbya sp.											2000											
Merismopedis sp.																						
Microcystis sp.																						
Oscillatoria sp.																			2000			
Phormidium sp.																						
Pseudoanabaena sp.																						
Raphidiopsis sp.																						
TOTAL	0	0	0	48800	0	0	0	0	0	0	2000	0	0	0	0	0	0	0	2000	0	0	0
Classe Chlorophyceae																						
(-Clorofíceas)					20																	
Actinastrium sp.																						
Ankistrodesmus sp.																						
Arthrodesmus sp.																						
Botriococcus sp.																						
Centritacus sp.																						
Chlamydomonas sp.										4000	2000			1000			2000	2000		8000	8000	1000
Chlorella sp.																						
Chlorococcum sp.																						
Closteriopsis sp.																						
Closterium sp.																		10000				
Coelastrum sp.																						1000
Cosmarium sp.																						
Crucigenia sp.																						
Dictyosphaerium sp.																						
Elakatothrix sp.																						
Erreraella sp.																						
Euastrum sp.																						
Francia sp.																						
Filamentosas não identifi.														2000	1000			10000				11000
Golenkinia sp.																						
Lagerheimia sp.																						
Microactinium sp.											2000						4000			2000		
Monoraphidium sp.																						
Mougeotia sp.																						
Não filamentosa																		10000				
Oocystis sp.																3000						
Pediastrum sp.				100																	2000	
Penium sp.																						
Scenedesmus sp.																	2000		2000	2000		
Schroederia sp.																						
Selenastrum sp.																						
Sphaerocystis sp.												2000										
Sphaerocostis sp.																						
Staurastrum sp.																						
Tetragona sp.																						
Tetradron sp.																						
Tetrasstrum sp.																						
Treuberia sp.																						
Ulothrix sp.																		4000				
TOTAL	0	0	0	100	20	0	0	0	0	4000	4000											

Estações	O1 SUP.	O1 FUN.	P6 SUP.	P6 FUN.	P7 SUP.	P7 FUN.	P8 SUP.	P8 FUN.	P 5 SUP.	P 5 FUN.	P 4 SUP.	P 4 FUN.	P 3 SUP.	P 3 FUN.	P 2 SUP.	P 2 FUN.	P 1 SUP.	P 1 FUN.	R1 SUP.	R1 FUN.	R2 SUP.	R3 SUP.
Classe Bacillariophyceae																						
(=Diatomeas)							458325															
Ordem Centrales																						
(=Diatomeas Céntricas)																						
<i>Actinocyclus</i> sp.															1000		4000		4000	34000		
<i>Aulacoseira</i> sp.																		10000				
<i>Biddulphia</i> sp.																						
<i>Carataulina bicornis</i>																						
<i>Ceratulus</i> sp.																						
<i>Chaetoceros</i> sp.													1000	2000	1000	4000	12000	10000	2000			
<i>Coccolodiscus</i>																						
20-200 um de diâmetro acima de 200 um	1500	7000	100	11700	140	40	40	60														
<i>Cyclotella</i> sp.									6000	8000	8000	12000	1000	34000	12000	52000	4000	40000	4000	10000		2000
<i>Dactylosolen fragilissimus</i>																						
<i>Dityum brightwellii</i>																						
<i>Entomoneis</i> sp.	100		700																			
<i>Guinardia delicatula</i>																						
<i>Guinardia flaccida</i>																						
<i>Guinardia striata</i>																						
<i>Hemidiscus</i> sp.																						
<i>Hemidiscus</i> sp.																						
<i>Leptocylindrus denticus</i>																						
<i>Lithodesmium</i> sp.																						
<i>Melosira dubia</i>	100	5000	2500		2500		5000															
<i>Melosira</i> sp.									50000	54000	20000	10000	6000	18000	32000	58000	1370000	1530000	96000	60000	1000	7000
<i>Odontella mobilensis</i>																						
<i>Odontella rhombus</i>																						
<i>Odontella sinensis</i>																						
<i>Odontella</i> sp.																						
<i>Paralia sulcata</i>																						
<i>Proboscia alata</i>																						
<i>Pseudosolenia calcar-evis</i>																						
<i>Rhizosolenia</i> sp.																						
<i>Rhizosolenia</i> 1 sp.																						
<i>Rhizosolenia imbricata</i>																						
<i>Rhizosolenia pungens</i>																						
<i>Rhizosolenia robusta</i>																						
<i>Rhizosolenia setigera</i>																						
<i>Skeletonema</i> sp.	35000		7500		325000	248000	2085000	1300000			6000	2000										
<i>Stephanopyxis turris</i>																						
<i>Stephanodiscus</i> sp.																	2000	30000				
<i>Terpsinoe muica</i>																						
<i>Terpsinoe</i> sp.																						
<i>Thalassiosira</i> sp.																						
<i>Thalassiosira com mucu.</i>																						
<i>Triceratium</i> sp.																						
<i>Urozelenia</i> sp.																						
Ordem Pennales																						
(=Diatomeas Penadas)						1000		82500														
<i>Amphipleura</i> sp.																						
<i>Amphora</i> sp.																						
<i>Anomoeoneis</i> sp.																						
<i>Asterionellopsis glacialis</i>																						
<i>Bacillaria paradoxa</i>				1500																		
<i>Campylodiscus</i> sp.																						
<i>Cocconeis</i> sp.								15000	25000						1000			10000				
<i>Cylindrotheca closterium</i>																						
<i>Cylindrotheca</i> sp.																						3000
<i>Cymbella</i> sp.																						
<i>Diatoma</i> sp.																	2000	10000				
<i>Diploneis</i> sp.			100																			
<i>Eunotia</i> sp.													2000	3000			2000	10000	4000	8000	4000	1000
<i>Fragilaria</i> sp.																	2000	10000	6000	6000	3000	
<i>Frustulia</i> sp.																	4000				1000	
<i>Gomphonema</i> sp.																						
<i>Grammatophora</i> sp.																						
<i>Gyrodigma</i> sp.																			2000			

Estatódes	O1 SUP.	O1 FUN.	P6 SUP.	P6 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P 6-SUP.	P 5 FUN.	P 4 SUP.	P 4 FUN.	P 3 SUP.	P 3 FUN.	P 2 SUP.	P 2 FUN.	P 1 SUP.	P 1 FUN.	R1 SUP.	R1 FUN.	R2 SUP.	R3 SUP.
Mauriera membranacea														2000			2000		2000		6000	
Navicula sp.						91665			2000	2000	2000						2000	20000			7000	
Nitzschia sp.																						
Pinnularia sp.																						
Pleurosigma sp.				100		40																
Pseudonitzschia sp.																						
Stauroneis sp.																						
Surirella sp.	400	300	500	500	60						2000	2000										
Synedra sp.																						
Tabellaria sp.																						
Thalassiothrix sp.																						
Thalassionema nitzschoides																						
TOTAL (Céntricas + Penadas)	37100	12300	11400	13800	327700	340745	2563365	1407560	58000	64000	38000	26000	8000	58000	50000	114000	1408000	1670000	120000	118000	22000	13000
Clasee Dinophyceae																						
(=Dinoflagelados)	100		2500				183330															185830
Alexandrium sp.																						
Cachonina nley			10000		183330			55000														248330
Ceratium furca																						
Ceratium longissimum																						
Ceratium trichoceros																						
Ceratium tripos																						
Ceratium sp.																						
Chlorogonium sp.																						
Cistos de dinoflagelados						20		20														40
Cladomonas sp.																						
Cochlodinium sp.																						
Dinoflagelado Tecado																						
Dinophysis acuminata																						
Dinophysis caudata																						
Glenodinium sp.																			2000			2000
Gonyaulax sp.																						
Gymnodinales não identf.																						
Gymnodinium sanguineum																						
Gymnodinium sp.																						
Gyrodinium sp.	2500																					2500
Gyrodinium spirale																						
Noctiluca sp.																						
Oxyphysia oxytoxoides																						
Oxytoxum sp.																						
Peridinium sp.							60															60
Polykrikos sp.																						
Prorocentrum 1 sp.																						
Prorocentrum gracile																						
Prorocentrum micans																						
Prorocentrum minimum																						
Protoperidinium 1 sp.																						
Protoperidinium 2 sp.																						
Protoperidinium sp.																						
Protoperidinium oblongum																						
Scipsiella sp.																						
Scipsiella trochoidea																						
TOTAL	2600	0	12500	0	183330	20	183380	56020	0	0	0	0	0	0	0	0	0	0	2000	0	0	438860
Clasee Dictyochophyceae																						
(=Silicoflagelados)																						
Dictyocha fibula																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clasee Cryptophyceae																						
(=Criptoficeas)	751650	824985	1374875		1568305	641655	641655	412500														5454075
Cryptomonas sp.											2000			2000	2000			10000	6000	14000	1000	37000
TOTAL	751650	824985	1374875	0	1568305	641655	641655	412500	0	0	2000	0	0	2000	2000	0	0	10000	6000	14000	1000	5481075
Clasee Chrysophyceae																						
(= Crisoficeas)																						
Chrysocistis sp.																			2000			
Chrysococcus sp.																						
Dinobryon sp.																			4000			
Mallomonas sp.																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8000	0	0	0

Estações	O1 SUP.	O1 FUN.	P6 SUP.	P6 FUN.	P7 SUP.	P7 FUN.	P8 SUP.	P8 FUN.	P 5-SUP	P 5 FUN.	P 4 SUP.	P 4 FUN.	P 3 SUP.	P 3 FUN.	P 2 SUP.	P 2 FUN.	P 1 SUP.	P 1 FUN.	R1 SUP.	R1 FUN.	R2 SUP.	R3 SUP.
Classe Rhodophyceae																						
(-Rhodoficeae)								27500														
<i>Fibrocapsa japonica</i>																						
<i>Vacuolaria</i> sp.																						
TOTAL	0	0	0	0	0	0	0	27500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Classe Prasinophyceae																						
(-Prasinoficeae)																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Classe Euglenophyceae																						
(-Euglenoficeae)																						
<i>Astasia</i> sp.																						
<i>Eutreptiella</i> sp.																						
<i>Euglena</i> sp.																						
<i>Lepocinclis</i> sp.																						
<i>Phacus</i> sp.																			2000	2000		
<i>Pteromonas</i> sp.																			6000	6000		
<i>Trachelomonas</i> sp.																						
<i>Trachelomonas</i> sp.																						
<i>Strömbomonas</i> sp.																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8000	8000	0	0
Mesodinium																						
TOTAL	200	0	100	1200	1640	800	0	240	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flagelados não identif.																						
< ou = 2 µm	1283310	5133240	733320		458325	649990	274995	302500														
2 - 20 µm	2016630	1466640	1099990		824985	1374975	1741635	742500														
TOTAL	3299940	6599880	1833300	0	1283310	1924965	2016630	1045000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zooplâncton																						
<i>Actinophrys</i> sp.																						
<i>Actinosphaerium</i> sp.																						
<i>Amoeba</i> sp.																						
<i>Arionema</i> sp.																						
<i>Aspidisca</i> sp.																						
Citidos não identif.				5000			20								1000						6020	
<i>Codonella</i> sp.															1000	12000	2000	10000	2000		27000	
<i>Codonellopsis</i> sp.																						
<i>Colaps</i> sp.																						
<i>Colpoda</i> sp.																						
<i>Cyrtolophosis</i> sp.																			2000			2000
<i>Diffugia</i> sp.																						
<i>Dileptus</i> sp.																						
<i>Dismorphococcus</i> sp.																						
<i>Euglypha</i> sp.																						
<i>Eutimninus</i> sp.																						
<i>Halteria</i> sp.																2000						
<i>Monas</i> sp.																				1000		1000
<i>Myxerotrix</i> sp.																						
<i>Oxtricha</i> sp.																					1000	1000
<i>Paramecia</i> sp.																						
<i>Poteriodendron</i> sp.																						
Protozooplâncton não identif.	12500		100																			12800
<i>Strömbidium</i> sp.	600	1200	1500	400	920	580	1300	380							1000						1000	
<i>Synura</i> sp.																			2000			2000
Tintinídeos não identif.																						
<i>Tintinnopsis</i> sp.																						
<i>Torodinium</i> sp.																						
<i>Uronema</i> sp.																						
<i>Vorticella</i> sp.																						
TOTAL	13100	1200	1600	5400	920	580	1320	380	0	0	0	0	0	0	3000	14000	2000	10000	8000	0	3000	82500

Estações	O1 SUP.	O1 FUN.	P6 SUP.	P6 FUN.	P7 SUP.	P7 FUN.	P8 SUP.	P6 FUN.	P 5-SUP	P 5 FUN.	P 4 SUP	P 4 FUN.	P 3 SUP	P 3 FUN.	P 2 SUP	P 2 FUN.	P 1 SUP	P 1 FUN.	R1 SUP	R1 FUN	R2 SUP	R3 SUP
Rotifera																						
Filinia sp.														100						300		100
Keratella sp.															100				100			
Polarythra sp.																						
Synchaeta sp.																						
Trichocerca sp.																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	0	0	0	100	300	0	100
Gastrotricha																						
Chaetonotus sp.																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microcrustáceos																						
Bosmina sp.												100										
Cyclops sp.																						
Daphnia sp.																						
Nauplius																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0
Turbellaria																						
Rhabdocoela																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematóides																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aracnídeos																						
Acaro																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eponjas																						
Esponja																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molusca																						
Gastropoda																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Organismos contados por Epifluorescência																						
Ctenobactérias coccídeos (<2µm)	914280	24133333	10533333	57142	50000	0	0	0	700000	0	0	0	0	0	0	0	0	0	0	0	0	0
Criptofíceas	342857	311111	0	342857	100000	50000	57142	150000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prasinofíceas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Projeto Mar de Dentro - Dezembro/1999

ORGANISMOS		Concentração (cel/L) nas Estações de Amostragem																				
Estações	O1 SUP.	O1 FUN.	P6 SUP.	P6 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P 5-SUP	P 5 FUN.	P 4 SUP	P 4 FUN.	P 3 SUP	P 3 FUN	P 2 SUP	P 2 FUN	P 1 SUP	P 1 FUN	R1 SUP	R1 FUN	R2 SUP	R3 SUP
Cyanophyta																						
(=Cianofíceas)																						
Anabaena sp.																						
Aphanizomenon sp.																						
Aphanocapsa sp.																						
Aphanothece sp.																						
Chroococcus sp.											24000											
Cianofíceas Filamentosa	12000																					
Lyngbythrix sp.																						
Lyngbya sp.																	2000	6000				2000
Merismopedia sp.																		4000				
Microcystis sp.																						
Oscillatoria sp.																						
Phormidium sp.																						
Pseudoanabaena sp.																						
Rhaphidiopsis sp.																						
TOTAL	12000	0	0	0	0	0	0	0	0	0	24000	0	0	0	0	0	2000	10000	0	0	0	2000
Classe Chlorophyceae																						
(=Clorofíceas)																						
Actinastrum sp.																						
Ankistrodesmus sp.																						
Arthrodesmus sp.																						
Botriococcus sp.																						
Centriactis sp.																						
Chlamydomonas sp.									6000	4000						2000	2000			6000	2000	
Chlorella sp.																		2000				
Chlorococcum sp.																		2000		2000		
Closteriopsis sp.																						
Closterium sp.																	4000				2000	
Coelastrum sp.																				2000		
Cosmarium sp.																						
Crucigenia sp.																						
Dictyosphaerium sp.																						
Elakatothrix sp.									8000			2000										
Emmenella sp.																						
Euastrum sp.																						
Francelia sp.																						
Filamentosa não identifi.					17500								2000		4000	18000		4000				28000
Golenkinia sp.																						
Lagerheimia sp.																						
Microactinium sp.																						
Monoraphidium sp.									2000					6000	6000	6000		6000				2000
Mougeotia sp.													2000					2000				
Não filamentosa																						
Oocystis sp.									2000			6000						2000				
Pediastrum sp.																	2000					
Penium sp.																						
Scenedesmus sp.										2000					4000	4000	2000			2000		
Schroederia sp.									2000							2000		2000			2000	
Selenastrum sp.																						
Sphaerocystis sp.																						
Sphaerosasma sp.																						
Staurastrum sp.																						2000
Tellingia sp.																						
Tetraedron sp.																						
Tetrastrum sp.																						
Treuberia sp.																						
Ulothrix sp.												2000										4000
TOTAL	0	0	0	0	17500	0	0	0	20000	6000	0	10000	4000	6000	14000	32000	10000	20000	0	0	14000	40000
Classe Bacillariophyceae																						

Estações (=Diatomáceas)	O1 SUP.	O1 FUN.	P6 SUP.	P6 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P 5-SUP	P 5 FUN.	P 4 SUP	P 4 FUN.	P 3 SUP	P 3 FUN	P 2 SUP	P 2 FUN	P 1 SUP	P 1 FUN	R1 SUP	R1 FUN	R2 SUP	R3 SUP
Ordem Centrales																						
(=Diatomáceas Cêntricas)	3500					100																
<i>Actinoplychus</i> sp.																	44000	4000		2000		
<i>Aulacoseira</i> sp.																						
<i>Biddulphia</i> sp.																						
<i>Cerataulina bicornis</i>																						
<i>Cerataulus</i> sp.																						
<i>Chaetocerus</i> sp.																						
<i>Coscinodiscus</i>									2000	2000	2000		2000	2000					2000	2000		2000
20-200 um de diâmetro	1620	1900	2660	2660		5300	600	2100														
acima de 200 um	460	360	760	600		400																
<i>Cyclotella</i> sp.									4000	2000	12000	12000	8000	60000	18000	14000	8000		22000	74000	4000	
<i>Dactylosolen fragilissimus</i>																						
<i>Ditylum brightwellii</i>			20																			
<i>Entomoneis</i> sp.								100														
<i>Guinardia delicatula</i>						100																
<i>Guinardia flaccida</i>																						
<i>Guinardia striata</i>																						
<i>Hemiaulus</i> sp.																						
<i>Hemidiscus</i> sp.																						
<i>Leptocylindrus danicus</i>																						
<i>Lithodesmium</i> sp.																						
<i>Melosira dubia</i>				1000		400		5000														
<i>Melosira</i> sp.					5000								138000	16000	74000	76000	68000	130000			2000	90000
<i>Odontella mobilensis</i>		120	100	140		300																
<i>Odontella rhombus</i>	80	40	80	100		100																
<i>Odontella sinensis</i>																						
<i>Odontella</i> sp.																						
<i>Paralia sulcata</i>																						
<i>Proboscia alata</i>																						
<i>Pseudosolenia calcar-avis</i>																						
<i>Rhizosolenia</i> sp.			20																			
<i>Rhizosolenia</i> 1 sp.																						
<i>Rhizosolenia imbricata</i>																						
<i>Rhizosolenia pungens</i>																						
<i>Rhizosolenia robusta</i>																						
<i>Rhizosolenia setigera</i>																						
<i>Skeletonema</i> sp.			70000	41000	37500		2955000	1610000	238000	94000	50000	90000							38000			
<i>Stephanopyxis turris</i>			180	120		800			18000		6000	8000	8000	2000		2000						10000
<i>Stephanodiscus</i> sp.																						
<i>Terpsinoe musica</i>																						
<i>Terpsinoe</i> sp.																						
<i>Thalassiosira</i> sp.	2500	120	220	740	5000	200		700														
<i>Thalassiosira com muco.</i>	11500		134000	78000		95000																
<i>Triceratium</i> sp.																						
<i>Urozolenia</i> sp.																						
Ordem Pennales																						
(=Diatomáceas Penadas)	60	1000	2080	20	5000																	
<i>Amphipleura</i> sp.																						
<i>Amphora</i> sp.																						
<i>Anomoeoneis</i> sp.																						
<i>Asterionellopsis glacialis</i>		13000	9000	9000	92500	600000		800														
<i>Bacillaria paradoxa</i>																						
<i>Campylosira</i> sp.						274995																
<i>Cocconeis</i> sp.																			2000		2000	
<i>Cylindrotheca closterium</i>		183330	183330	183330			91665															
<i>Cylindrotheca</i> sp.																						
<i>Cymbella</i> sp.																						
<i>Diatoma</i> sp.											4000		2000		4000		2000	6000				8000
<i>Diploneis</i> sp.																						
<i>Eunotia</i> sp.												6000	2000				2000			34000	10000	2000

Estações	O1 SUP.	O1 FUN.	P6 SUP.	P8 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P 5-SUP	P 5 FUN.	P 4 SUP	P 4 FUN.		P 3 SUP	P 3 FUN	P 2 SUP	P 2 FUN	P 1 SUP	P 1 FUN	R1 SUP	R1 FUN	R2 SUP	R3 SUP
<i>Fragilaria</i> sp.																						4000	
<i>Frustulia</i> sp.																							
<i>Gomphonema</i> sp.															2000								
<i>Gramatophora</i> sp.																							
<i>Gyrosigma</i> sp.														2000							8000		
<i>Meuniera membranacea</i>																							
<i>Navicula</i> sp.		20																2000				16000	
<i>Nitzschie longissima</i>																							
<i>Nitzschia</i> sp.														14000	2000	12000	12000	4000	4000	4000		12000	8000
<i>Pinnularia</i> sp.																						2000	
<i>Pleurosigma</i> sp.	140	160	200	260		300																	
<i>Pseudonitzschia</i> sp.						900																	
<i>Stauroneis</i> sp.																							
<i>Siridella</i> sp.																				6000			
<i>Synedra</i> sp.																							
<i>Tabellaria</i> sp.																							
<i>Thalassiothrix</i> sp.						100																	
<i>Thalassionema nitzschioides</i>		40																					
TOTAL (Cêntricas + Penadas)	19660	200090	402650	316970	145000	978995	3047265	1618700	262000	98000	74000	116000	174000	84000	108000	110000	130000	146000	72000	120000	52000	120000	
Classe Dynophyceae																							
(=Dinoflagelados)		320	4380																				4700
<i>Alexandrium</i> sp.			40																				40
<i>Cachonia niey</i>																							
<i>Ceratium furca</i>				20																			20
<i>Ceratium longissimum</i>																							
<i>Ceratium trichoceros.</i>		20																					20
<i>Ceratium tripos</i>																							
<i>Ceratium</i> sp.	20			40																			60
<i>Chlorogonium</i> sp.									2000														
Cistos de dinoflagelados																						2000	
<i>Cladomonas</i> sp.																							
<i>Cochlodinium</i> sp.																							
Dinoflagelado Tecado	300			480		300	100	200															1380
<i>Dinophysis acuminata</i>																							
<i>Dinophysis caudata</i>		40	20																				60
<i>Glenodinium</i> sp.																		2000					2000
<i>Gonyaulax</i> sp.																							
Gymnodiniales não identif.																							
<i>Gymnodinium sanguineum</i>																							
<i>Gymnodinium</i> sp.																							
<i>Gyrodinium</i> sp.	220	420	4000	3000		300																	7940
<i>Gyrodinium spirale</i>	380	240	300	400		400																	1720
<i>Noctiluca</i> sp.	20	20																					40
<i>Oxyphysis oxytoxoides</i>																							
<i>Oxytoxum</i> sp.			20																				20
<i>Peridinium</i> sp.																							
<i>Polykrinos</i> sp.																							
<i>Prorocentrum</i> 1 sp							100																100
<i>Prorocentrum gracile</i>			1000																				1000
<i>Prorocentrum micans</i>																							
<i>Prorocentrum minimum</i>																							
<i>Protoperidinium</i> 1 sp.																							
<i>Protoperidinium</i> 2 sp.																							
<i>Protoperidinium</i> sp.	220	6000	5000	40		800																	12060
<i>Protoperidinium oblongum</i>				40		40																	
<i>Scipisiella</i> sp.																							
<i>Scipisiella trochoidea</i>																							
TOTAL	1460	7060	14760	4020	0	1640	200	200	0	0	0	0	0	0	0	0	0	2000	0	0	0	0	31540
Classe Dictyochophyceae																							
(=Silicoflagelados)																							
<i>Dictyocha fibula</i>																							
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Contagem dos Organismos do Fitoplâncton (Nº Organismos/l)

Estações	O1 SUP.	O1 FUN.	P8 SUP.	P8 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P5 SUP.	P5 FUN.	P4 SUP.	P4 FUN.	P3 SUP.	P3 FUN.	P2 SUP.	P2 FUN.	P1 SUP.	P1 FUN.	R1 SUP.	R1 FUN.	R2 SUP.	R3 SUP.
Classe Bacillariophyceae																						
(=Diatomeas)																						
Diatomeas não identificadas		91665																				
Ordem Costathea																						
(=Diatomeas Costeiras)																						
<i>Actinocyclus</i> sp.															6000				102000	368000		3000
<i>Aulacoseira</i> sp.																					3000	
<i>Biddulphia</i> sp.																						
<i>Ceratium bicornis</i>																						
<i>Ceratium</i> sp.																						
<i>Chaetoceros</i> sp.			25000	60	60	20			1142000	696000	23000	1645000	3000	1000							6000	6000
<i>Coscinodiscus</i>													1000	3000			3000	28000				
20-200 µm de diâmetro	13300	3840	2050	9720	800	1800	100	100														
acima de 200 µm	200	40		60		40																
<i>Cyclotella</i> sp.									41000				6000	6000	6000	6000	4000	9000	41000		3000	3000
<i>Decatoceros fragilis</i>																						
Diatomeas cônicas não ident.	14000		40																			
<i>Ditylum brightwellii</i>		20																				
<i>Ectocarpus</i> sp.																						
<i>Guinardia delicatula</i>																						
<i>Guinardia flaccida</i>		40	80																			
<i>Guinardia striata</i>																						
<i>Hemiaulus</i> sp.				80																		
<i>Hemiaulus</i> sp.		20																				
<i>Leptocylindrus denticus</i>				100																		
<i>Lithodaium</i> sp.																						
<i>Meiosira dubia</i>	2500				8000	194330	500	10000														
<i>Meiosira</i> sp.						40							7000	1000	831000	909000		266000	1779000	2346000		93000
<i>Odontella mobilensis</i>	100	20	60	60																		
<i>Odontella rhombus</i>	100	40	40	20																		
<i>Odontella sinensis</i>																						
<i>Odontella</i> sp.		20																				
<i>Palmeria</i> sp.																						
<i>Paralia sulcata</i>	600																					
<i>Probolesia alata</i>			60																			
<i>Pseudosolenia calcar-evis</i>			20																			
<i>Rhizosolenia</i> sp.		20																				
<i>Rhizosolenia</i> 1 sp.																						
<i>Rhizosolenia imbricate</i>																						
<i>Rhizosolenia pungens</i>																						
<i>Rhizosolenia robusta</i>																						
<i>Rhizosolenia setigera</i>																						
<i>Skatzenia</i> sp.									288000	328000	34000	58000										
<i>Stephanodiscus</i> sp.				40													1000	3000	61000	20000		
<i>Stephanopyxis turris</i>																						
<i>Terpetinoe musica</i>																						
<i>Terpetinoe</i> sp.																						
<i>Thalassiosira com muco.</i>	9000																					
<i>Thalassiosira</i> sp.																						
<i>Triceratium</i> sp.																						
<i>Unosolenia</i> sp.																						
Ordem Pennales																						
(=Diatomeas Pennales)																						
<i>Amphipleura</i> sp.																						3000
<i>Amphora</i> sp.																						
<i>Anomoeoneis</i> sp.																						
<i>Asterionolopsis placida</i>	7900	15000	820	440													1000					
<i>Bacillaria paxillosa</i>									700													
<i>Campylodiscus</i> sp.																						
<i>Cocconeis</i> sp.																						
<i>Cylindrotheca closterium</i>			183330	183330			32000															
<i>Cylindrotheca</i> sp.																						
<i>Cymbella</i> sp.																					3000	
<i>Diatoma</i> sp.															1000	8000	6000		12000			3000
Diatomeas pennales não ident.	91665		20						200													
<i>Diploneis</i> sp.	2500																					
<i>Eurotia</i> sp.													1000				4000				14000	8000
<i>Fragilaria</i> sp.											20000					3000				20000		3000
<i>Frustulia</i> sp.																						
<i>Gomphonema</i> sp.																			20000			
<i>Gomphonema</i> sp.																						
<i>Gyrodinium</i> sp.																						

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<i>Moniera membranacea</i>			10000												6000	3000	1000	3000			6000	3000
<i>Nitzschia longissima</i>									41000	41000		17000			12000	3000	3000	9000	347000	245000	6000	6000
<i>Pinnularia</i> sp.																						
<i>Pleurosigma</i> sp.	500	80		60		20		2500														
<i>Pseudonitzschia</i> sp.			60	80																		
<i>Stauroneis</i> sp.														3000			1000		20000			
<i>Surirella</i> sp.								100														
<i>Symetia</i> sp.					420	60	20	300														
<i>Tabezia</i> sp.																						
<i>Thalassiothrix</i> sp.																						
<i>Thalassionema</i> com muc.		12500																				
<i>Thalassionema nitzschoides</i>	5000			40																		
TOTAL (Células + Pseudo)	142565	122285	221580	180110	9290	196310	32620	13900	1518888	1265888	57800	1748888	18888	17888	867888	823888	42888	362888	2368888	2019888	41888	129888
Classe Dinophyceae																						
(e) Dinoflagelados																						
<i>Alexandrium</i> sp.		183330																				
<i>Cachonina</i> nile																						
<i>Ceratium furca</i>																						
<i>Ceratium longissimum</i>																						
<i>Ceratium</i> sp.																						
<i>Ceratium trichoceros</i>		20																				
<i>Ceratium tripos</i>																						
Cistos de dinoflagelados																						
<i>Cladomonas</i> sp.																						
<i>Cochlodinium</i> sp.																						
<i>Dinoflagelado</i> Tocado	200																					
Dinoflagelados não identificados																						
<i>Dinophysis acuminata</i>																						
<i>Dinophysis caudata</i>																						
<i>Glenodinium</i> sp.																						
<i>Gonyaulax</i> sp.																						
<i>Gymnodinium</i> não ident.																						
<i>Gymnodinium sanguineum</i>																						
<i>Gymnodinium</i> sp.								8249650														
<i>Gyrodinium</i> sp.	300		120					2108295														
<i>Gyrodinium spirale</i>				20																		
<i>Noctiluca</i> sp.																						
<i>Oxyphysis oxytoides</i>																						
<i>Oxytoxum</i> sp.																						
<i>Peridinium</i> sp.																						
<i>Polykrikos</i> sp.																						
<i>Prorocentrum</i> 1 sp	200																					
<i>Prorocentrum gracile</i>			5000	220																		
<i>Prorocentrum micans</i>																						
<i>Prorocentrum minimum</i>																						
<i>Prorocentrum</i> 1 sp.																						
<i>Prorocentrum</i> 2 sp.																						
<i>Prorocentrum</i> sp.		20		3000	1000		500															
<i>Prorocentrum oblongum</i>																						
<i>Scipostella</i> sp.																						
<i>Scipostella rochoides</i>																						
TOTAL	790	183378	9128	3248	1080	0	8258350	2108295	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Classe Dictyocophyceae																						
(e) Dictyocophelidos																						
<i>Dictyocha fibula</i>																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Classe Cryptophyceae																						
(e) Cryptoflaccos																						
<i>Cryptomonas</i> sp.	368880	368880		91885	841855	841855	274995	824995														
TOTAL	368880	368880	0	91885	841855	841855	274995	824995	0	0	23000	3000	0	4000	0	0	0	0	0	0	0	3000
Classe Chrysophyceae																						
(e) Chrysiflaccos																						
<i>Chrysocystis</i> sp.																						
<i>Chrysosporus</i> sp.																3000						
<i>Dinobryon</i> sp.																						
<i>Mallomonas</i> sp.																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3000	0	0	0	0	0	0

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Estações	O1 SUP.	O1 FUN.	P0 SUP.	P0 FUN.	P7 SUP.	P7 FUN.	P6 SUP.	P6 FUN.	P 5-SUP	P 5 FUN.	P 4 SUP	P 4 FUN.	P 3 SUP	P 3 FUN	P 2 SUP	P 2 FUN	P 1 SUP	P 1 FUN	R1 SUP	R1 FUN	R2 SUP	R3 SUP
Classe Raphidophyceae																						
(=Rafidofíceas)																						
<i>Fibrocapsa lapidica</i>																						
<i>Vacuolaria</i> sp.																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Classe Prasinophyceae																						
(=Prasinofíceas)		91665					91665		183330													
TOTAL	0	91665	0	0	0	0	91665	0	183330	0	0	0	0	0	0	0	0	0	0	0	0	0
Classe Euglenophyceae																						
(=Euglenofíceas)																						
<i>Asteria</i> sp.																						
<i>Eureptella</i> sp.																						
<i>Euglena</i> sp.														2000								
<i>Lapociclis</i> sp.																						
<i>Phacus</i> sp.																						
<i>Planomonas</i> sp.																			21000			
<i>Trachelomonas</i> sp.																			20000		3000	
<i>Trachelomonas</i> sp.																						
<i>Strombomonas</i> sp.																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	2000	0	0	0	0	41000	0	3000	0
Microthidium																						
TOTAL	0	2500	0	4000	0	5000	3500	7500	0	0	0	0	0	0	0	0	1000	0	0	0	0	0
Flagelados não Ident.																						
< ou = 2 um	1741530	91665	1649970	1649970	408325	2106295	1649970	1191645														
2 - 20 um	733320	274995	948990	408325	1191645	1374975	641655	1283510														
TOTAL	2474850	386660	2198960	2106295	1649970	3483270	2291625	2474955	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zooplâncton																						
<i>Actinophrys</i> sp.																			20000			
<i>Actinospheerium</i> sp.																						
<i>Amoeba</i> sp.																						
<i>Antennaria</i> sp.																						
<i>Bosmina</i> sp.																						
<i>Ciliados não Ident.</i>																						
<i>Codonella</i> sp.																						
<i>Codonellopsis</i> sp.																			20000			
<i>Colpoda</i> sp.																						
<i>Cyclops</i> sp.												300										
<i>Cyrtolophosis</i> sp.																					3000	
<i>Daphnia</i> sp.																						
<i>Diffugia</i> sp.																						
<i>Dismorphococcus</i> sp.																						
<i>Euglyphe</i> sp.																						
<i>Eutima</i> sp.																						
<i>Filinia</i> sp.																						
<i>Halteria</i> sp.																					3000	
<i>Keratella</i> sp.																						
<i>Mona</i> sp.									41000		3000					100					3000	3000
<i>Myratorix</i> sp.																						
<i>Nauplius</i>																						
<i>Ostrichia</i> sp.																	4000					
<i>Paramecia</i> sp.																				20000		
<i>Polyarthra</i> sp.																						
<i>Protozooplâncton não Ident.</i>				20																		
<i>Strombidium</i> sp.	13200	20060	35000	20000	23000	19000	5500	17500														
<i>Synchaeta</i> sp.																						
<i>Synura</i> sp.																						
<i>Tetrahedra não Ident.</i>	600	60	240	360																		
<i>Thalassiosira</i> sp.																						
<i>Torodinium</i> sp.																						
<i>Trichocerca</i> sp.																				100		
<i>Utruncula</i> sp.																						
<i>Vorticella</i> sp.																						
TOTAL	13800	20120	35240	20360	23000	19000	5500	17500	41000	0	3000	300	0	0	0	3100	4000	0	40100	20000	6000	2000

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Chlorophyta																						
<i>Chlorella</i> sp.																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tracheophyta																						
<i>Rhodospira</i>																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nonchlorellales																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphicoccales																						
<i>Acetabularia</i>																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epiphytes																						
<i>Epiphytes</i>																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mollusca																						
<i>Gastropoda</i>																						
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Organismos contados por Epifitococcos																						
<i>Cyanobacteria cocoides (<2um)</i>	70033333	07300000	01200000	02500000	35100000	58500000	52200000	95000000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cryptophytes</i>	11000000	12000000	00000000	00000000	00000000	20000000	20000000	10000000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prasinophytes</i>	10000000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0