







Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Delphineis</i> spp. <i>Denticulopsis dimorpha</i> <i>Denticulopsis hustedtii</i> <i>Denticulopsis punctata</i> f. <i>hustedtii</i> <i>Denticulopsis</i> spp.	<i>Diploneis bombus</i> <i>Diploneis crabro</i> <i>Diploneis gemmata</i> var. <i>pristiaphora</i> <i>Diploneis nitescens</i> <i>Diploneis schimidtii</i>	<i>Diploneis smithii</i> <i>Diploneis spendida</i> <i>Diploneis</i> spp. <i>Diploneis suborbicularis</i> <i>Diploneis</i> cf. <i>zanzibarica</i>	<i>Grammatophora oceanica</i> <i>Grammatophora</i> spp. <i>Gyrosigma</i> spp. <i>Hantzschia amphioxys</i> <i>Hemiaulus</i> spp.	<i>Hemidiscus cuneiformis</i> <i>Hyalodiscus</i> spp. <i>Licmophora</i> spp. <i>Navicula directa</i> <i>Navicula distans</i>	<i>Navicula granulata</i> <i>Navicula lyra</i> <i>Navicula lyroides</i> <i>Navicula</i> spp. <i>Nitzschia fossilis</i>
184-1143B-							
1H-1, 8-10	0.08		1	2		6	1
1H-1, 28-30	0.28		5 1	2		6	1
1H-1, 48-50	0.48		1 3	1 1		11	1
1H-1, 68-70	0.68			2		5	
1H-1, 88-90	0.88					7	
1H-1, 108-110	1.08			1		2	
1H-1, 128-130	1.28					1	
1H-1, 148-150	1.48						
1H-2, 8-10	1.58						1
1H-2, 28-30	1.78						
1H-2, 48-50	1.98		6				
1H-2, 68-70	2.18						1
1H-2, 88-90	2.38		1				1
1H-2, 108-110	2.58		1			2	
1H-2, 128-130	2.78						
1H-2, 148-150	2.98		4	1			1
1H-3, 8-10	3.08		1 1			1	1
1H-3, 28-30	3.28						
184-1143C-							
1H-1, 28-30	3.48						
1H-1, 48-50	3.68						
1H-1, 68-70	3.88		1		1		1
1H-1, 88-90	4.08						
1H-1, 108-110	4.28						
1H-1, 128-130	4.48						
1H-2, 8-10	4.78						
1H-2, 28-30	4.98		1	1	1		
1H-2, 48-50	5.18		1		1		
1H-2, 68-70	5.38		1				1
1H-2, 88-90	5.58		1				
1H-2, 108-110	5.78		1				2
1H-2, 128-130	5.98		1		1		1
1H-2, 148-150	6.18						
1H-3, 8-10	6.28						
1H-3, 28-30	6.48						
1H-3, 48-50	6.68		1 3		1		1
1H-3, 68-70	6.88		1		1		
1H-3, 88-90	7.08		1				
1H-3, 108-110	7.28						
1H-3, 128-130	7.48						1
1H-4, 8-10	7.78		4			1	2
1H-4, 28-30	7.98				1		
1H-4, 48-50	8.18						
1H-4, 68-70	8.38						
1H-4, 88-90	8.58						
1H-4, 108-110	8.78						1
1H-4, 128-130	8.98		1				
1H-4, 148-150	9.18		1				
1H-5, 8-10	9.28						
1H-5, 28-30	9.48						
1H-5, 48-50	9.68						
1H-5, 68-70	9.88						
1H-5, 108-110	10.28						
1H-5, 128-130	10.48						
1H-5, 148-150	10.68						





Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	Indeterminate Identified individuals (N)	Individuals (1000/g)	>60	Broken	Corroded
184-1143B-						
1H-1, 8-10	0.08	3 310	486	72	46	50
1H-1, 28-30	0.28	3 297	540	54	84	25
1H-1, 48-50	0.48	265	83.3	39	45	15
1H-1, 68-70	0.68	1 283	136.8	43	50	41
1H-1, 88-90	0.88	129	9.87	16	35	
1H-1, 108-110	1.08	3 229	38.5	32	44	37
1H-1, 128-130	1.28	3 157	4.6	6	25	22
1H-1, 148-150	1.48	4	0.8			
1H-2, 8-10	1.58	21	2.4	6		4
1H-2, 28-30	1.78	117	5.7	15	43	
1H-2, 48-50	1.98	192	3.4	53	101	
1H-2, 68-70	2.18	192	40.6	95	65	7
1H-2, 88-90	2.38	267	112.1	113	67	25
1H-2, 108-110	2.58	2 218	324	35	36	25
1H-2, 128-130	2.78	7	0.5			
1H-2, 148-150	2.98	2 250	214	35	51	25
1H-3, 8-10	3.08	2 249	356.25	43	46	60
1H-3, 28-30	3.28					
184-1143C-						
1H-1, 28-30	3.48	14	3.2	1	2	
1H-1, 48-50	3.68	254	32.5	42	114	
1H-1, 68-70	3.88	236	111.2	46	86	28
1H-1, 88-90	4.08					
1H-1, 108-110	4.28					
1H-1, 128-130	4.48					
1H-2, 8-10	4.78					
1H-2, 28-30	4.98	130	6.89	20	59	11
1H-2, 48-50	5.18	1 225	10.6	23	55	6
1H-2, 68-70	5.38	1 109	3.6	5	22	
1H-2, 88-90	5.58	4 215	8.6	19	44	
1H-2, 108-110	5.78	220	3.8	6	31	
1H-2, 128-130	5.98	1 118	0.9	4	15	1
1H-2, 148-150	6.18	1 5	0.5	05	15	
1H-3, 8-10	6.28	2	0.7			
1H-3, 28-30	6.48	251	60	87	120	22
1H-3, 48-50	6.68	242	15.4	33	63	
1H-3, 68-70	6.88	114	1.9	18	17	
1H-3, 88-90	7.08	14	2.7	2	2	
1H-3, 108-110	7.28					
1H-3, 128-130	7.48	1 60	6.7		11	
1H-4, 8-10	7.78	4 215	54	23	51	10
1H-4, 28-30	7.98	52	4.5	5	6	
1H-4, 48-50	8.18					
1H-4, 68-70	8.38	6	2			
1H-4, 88-90	8.58	20				
1H-4, 108-110	8.78	1 180	2.6	7	12	
1H-4, 128-130	8.98	1 233	6.4	10	22	34
1H-4, 148-150	9.18	1 83	0.4	7	21	
1H-5, 8-10	9.28					
1H-5, 28-30	9.48					
1H-5, 48-50	9.68					
1H-5, 68-70	9.88					
1H-5, 108-110	10.28					
1H-5, 128-130	10.48					
1H-5, 148-150	10.68					







Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Delphineis</i> spp. <i>Denticulopsis dimorpha</i> <i>Denticulopsis hustedtii</i> <i>Denticulopsis punctata</i> f. <i>hustedtii</i> <i>Denticulopsis</i> spp.	<i>Diploneis bombus</i> <i>Diploneis crabro</i> <i>Diploneis gemmata</i> var. <i>pristiaphora</i> <i>Diploneis nitescens</i> <i>Diploneis schimidtii</i>	<i>Diploneis smithii</i> <i>Diploneis spendida</i> <i>Diploneis</i> spp. <i>Diploneis suborbicularis</i> <i>Diploneis</i> cf. <i>zanzibarica</i>	<i>Grammatophora oceanica</i> <i>Grammatophora</i> spp. <i>Gyrosigma</i> spp. <i>Hantzschia amphioxys</i> <i>Hemiaulus</i> spp.	<i>Hemidiscus cuneiformis</i> <i>Hyalodiscus</i> spp. <i>Licmophora</i> spp. <i>Navicula directa</i> <i>Navicula distans</i>	<i>Navicula granulata</i> <i>Navicula lyra</i> <i>Navicula lyroides</i> <i>Navicula</i> spp. <i>Nitzschia fossilis</i>
1H-6, 8-10	10.78						
1H-6, 48-50	11.18						
1H-6, 68-70	11.38						
1H-6, 88-90	11.58						
1H-6, 108-110	11.78		3				1
184-1143B-							
2H-3, 148-150	12						
2H-4, 8-10	12.1		1				
2H-4, 28-30	12.3						1
2H-4, 48-50	12.5						
2H-4, 68-70	12.7						
2H-4, 88-90	12.9		4 2			3 1	
2H-4, 108-110	13.1		1				
2H-4, 128-130	13.3		10		1	9	
2H-4, 148-150	13.5						
2H-5, 8-10	13.6					2	1
2H-5, 28-30	13.8		2		1	10	
2H-5, 48-50	14		3 3	1	1	1	1
2H-5, 68-70	14.2						
2H-5, 88-90	14.4						
2H-5, 108-110	14.6						
2H-5, 128-130	14.8						
2H-5, 148-150	15						
2H-6, 8-10	15.1		4	1		5	1
2H-6, 28-30	15.3						
2H-6, 48-50	15.5						
2H-6, 68-70	15.7						
2H-6, 88-90	15.9						
2H-6, 108-110	16.1		2			1	1
2H-6, 128-130	16.3		1 5			2	1
184-1143C-							
2H-3, 68-70	16.48		2 2			2	
2H-3, 88-90	16.68		4 5	1		2	1
2H-3, 108-110	16.88		2 3		1	6	1
2H-3, 128-130	17.08		1				
2H-3, 148-150	17.28						
2H-4, 8-10	17.38		2				
2H-4, 28-48	17.58						
2H-4, 48-50	17.78						
2H-4, 68-70	17.98						
2H-4, 88-90	18.18						
2H-4, 108-110	18.38						
2H-4, 128-130	18.58						
2H-4, 148-150	18.78						
2H-5, 8-10	18.88						
2H-5, 28-30	19.08						
2H-5, 48-50	19.28		2 2		1		
2H-5, 88-90	19.68		6 9	1			1
2H-5, 108-110	19.88		3 4 1		1		1
2H-5, 128-130	20.08						
2H-5, 148-150	20.28						
2H-6, 8-10	20.38						
2H-6, 28-30	20.58						
2H-6, 48-50	20.78		1			1	
2H-6, 68-70	20.98		7 5		1		1





**Table T1 (continued).**

Core, section, interval (cm)	Depth (mcd)	Indeterminate Identified individuals (N)	Individuals (1000/g)	>60	Broken	Corroded
1H-6, 8-10	10.78					
1H-6, 48-50	11.18					
1H-6, 68-70	11.38					
1H-6, 88-90	11.58	12	0.36	1	3	
1H-6, 108-110	11.78	3 173	2.3	4	28	
184-1143B-						
2H-3, 148-150	12					
2H-4, 8-10	12.1	1 236	8.1	39	69	
2H-4, 28-30	12.3	1 18	0.05	1		
2H-4, 48-50	12.5	1 44	5	3		11
2H-4, 68-70	12.7	1 51	8	14	18	
2H-4, 88-90	12.9	2 295	250	99	118	32
2H-4, 108-110	13.1	2 269	316	79	104	9
2H-4, 128-130	13.3	1 272	62	85	109	4
2H-4, 148-150	13.5					
2H-5, 8-10	13.6	258	63	85	85	15
2H-5, 28-30	13.8	233	128.4	91	58	58
2H-5, 48-50	14	1 325	230.8	110	166	21
2H-5, 68-70	14.2	3	0.374			
2H-5, 88-90	14.4					
2H-5, 108-110	14.6					
2H-5, 128-130	14.8					
2H-5, 148-150	15					
2H-6, 8-10	15.1	3 322	95	131	143	23
2H-6, 28-30	15.3					
2H-6, 48-50	15.5					
2H-6, 68-70	15.7					
2H-6, 88-90	15.9	18	2.5	1	3	
2H-6, 108-110	16.1	235	33.4	14	17	6
2H-6, 128-130	16.3	323	18.6	38	60	17
184-1143C-						
2H-3, 68-70	16.48	1 297	4	9	19	30
2H-3, 88-90	16.68	324	9.36	14	23	19
2H-3, 108-110	16.88	1 312	11.2	46	77	19
2H-3, 128-130	17.08	1 234	7.234	23	39	16
2H-3, 148-150	17.28	56	0.2	10	10	
2H-4, 8-10	17.38	1 119	0.373	9	11	
2H-4, 28-48	17.58					
2H-4, 48-50	17.78					
2H-4, 68-70	17.98					
2H-4, 88-90	18.18					
2H-4, 108-110	18.38					
2H-4, 128-130	18.58					
2H-4, 148-150	18.78					
2H-5, 8-10	18.88					
2H-5, 28-30	19.08					
2H-5, 48-50	19.28	1 117	0.5	14	19	
2H-5, 88-90	19.68	4 424	15.6	41	59	45
2H-5, 108-110	19.88	250		24	42	6
2H-5, 128-130	20.08					
2H-5, 148-150	20.28					
2H-6, 8-10	20.38					
2H-6, 28-30	20.58	11	0.088			
2H-6, 48-50	20.78	1 311	3.2	48	69	
2H-6, 68-70	20.98	3 233		45	55	6

Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Actinanthus</i> spp. <i>Actinocyclus curvatus</i> <i>Actinocyclus ehrenbergii</i> <i>Actinocyclus ehrenbergii</i> var. <i>tenella</i> <i>Actinocyclus ellipticus</i> <i>Actinocyclus moronensis</i> <i>Actinocyclus</i> spp. <i>Actinocyclus subtilis</i> <i>Actinopterychus marylandicus</i> <i>Actinopterychus undulatus</i> <i>Actinopterychus</i> spp.	<i>Amphora</i> spp. <i>Arachnoidiscus</i> spp. <i>Asterolampra marylandica</i> <i>Asteromphalus arachne</i> <i>Asteromphalus elegans</i> <i>Asteromphalus fiabellatus</i> <i>Asteromphalus heptactis</i> <i>Asteromphalus</i> spp. <i>Azpeitia africanus</i> <i>Azpeitia crenulatus</i> <i>Azpeitia nodulifer</i> <i>Bacteriastrium hyalinum</i> <i>Biddulphia</i> spp. <i>Campylodiscus brightwellii</i> <i>Campylodiscus</i> spp. <i>Chaetoceros</i> spp. <i>Cocconeis scutellum</i> <i>Cocconeis</i> spp. <i>Coscinodiscus anguste-lineatus</i>
2H-6, 88-90	21.18		
2H-6, 108-110	21.38		
2H-6, 128-130	21.58		
2H-6, 148-150	21.78	12	1
2H-7, 8-10	21.88		
2H-7, 28-30	22.08	9	1
184-1143B-			
3H-4, 8-10	22.2		
3H-4, 28-30	22.4		
3H-4, 48-50	22.6		
3H-4, 68-70	22.8		
3H-4, 88-90	23		
3H-4, 108-110	23.2		
3H-4, 128-130	23.4		
3H-4, 148-150	23.6		
3H-5, 8-10	23.7	1	4
3H-5, 58-60	24.2	2	
3H-5, 118-120	24.8		
3H-6, 8-10	25.2		1
3H-6, 58-60	25.7		
3H-6, 118-120	26.3	1	3
3H-7, 8-10	26.7		
184-1143C-			
3H-3, 118-120	27.04		
3H-4, 8-10	27.44	1	1
3H-4, 58-60	27.94		
3H-4, 118-120	28.54		
3H-5, 8-10	28.94		
3H-5, 58-60	29.44		
3H-5, 118-120	30.04		
3H-6, 8-10	30.44		
3H-6, 58-60	30.94		
4H-2, 8-10	31.64		
4H-2, 58-60	32.14		
4H-2, 118-120	32.74		
4H-3, 8-10	33.14		
4H-3, 58-60	33.64	1	
4H-3, 118-120	34.24		
4H-4, 8-10	34.64		
4H-4, 58-60	35.14		
4H-4, 118-120	35.74		
4H-5, 8-10	36.14		
4H-5, 58-60	36.64		
4H-5, 118-120	37.24		
4H-6, 8-10	37.64		
4H-6, 58-60	38.14		
184-1143B-			
5H-1, 58-60	38.72		
5H-1, 118-120	39.32		
5H-2, 8-10	39.72		
5H-2, 58-60	40.22		
5H-2, 118-120	40.82		
5H-3, 8-10	41.22		
5H-3, 58-60	41.72		



Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Delphineis</i> spp. <i>Denticulopsis dimorpha</i> <i>Denticulopsis hustedtii</i> <i>Denticulopsis punctata</i> f. <i>hustedtii</i> <i>Denticulopsis</i> spp.	<i>Diploneis bombus</i> <i>Diploneis crabro</i> <i>Diploneis gemmata</i> var. <i>pristiaphora</i> <i>Diploneis nitescens</i> <i>Diploneis schimidtii</i>	<i>Diploneis smithii</i> <i>Diploneis spendida</i> <i>Diploneis</i> spp. <i>Diploneis suborbicularis</i> <i>Diploneis</i> cf. <i>zanzibarica</i>	<i>Grammatophora oceanica</i> <i>Grammatophora</i> spp. <i>Gyrosigma</i> spp. <i>Hantzschia amphioxys</i> <i>Hemiaulus</i> spp.	<i>Hemidiscus cuneiformis</i> <i>Hyalodiscus</i> spp. <i>Licmophora</i> spp. <i>Navicula directa</i> <i>Navicula distans</i>	<i>Navicula granulata</i> <i>Navicula lyra</i> <i>Navicula lyroides</i> <i>Navicula</i> spp. <i>Nitzschia fossilis</i>
2H-6, 88-90	21.18						
2H-6, 108-110	21.38						
2H-6, 128-130	21.58						
2H-6, 148-150	21.78						
2H-7, 8-10	21.88						1
2H-7, 28-30	22.08		1 1		1		
184-1143B-							
3H-4, 8-10	22.2						
3H-4, 28-30	22.4						
3H-4, 48-50	22.6						
3H-4, 68-70	22.8						
3H-4, 88-90	23						
3H-4, 108-110	23.2						
3H-4, 128-130	23.4		1				
3H-4, 148-150	23.6						
3H-5, 8-10	23.7		11 6		1	1	
3H-5, 58-60	24.2		11 10			1	
3H-5, 118-120	24.8		1	1	1		1
3H-6, 8-10	25.2						
3H-6, 58-60	25.7		3 2				
3H-6, 118-120	26.3		29 1			1	1
3H-7, 8-10	26.7						
184-1143C-							
3H-3, 118-120	27.04						
3H-4, 8-10	27.44		2				
3H-4, 58-60	27.94						
3H-4, 118-120	28.54						
3H-5, 8-10	28.94						
3H-5, 58-60	29.44						
3H-5, 118-120	30.04						
3H-6, 8-10	30.44						
3H-6, 58-60	30.94						
4H-2, 8-10	31.64						
4H-2, 58-60	32.14						
4H-2, 118-120	32.74						
4H-3, 8-10	33.14		2				
4H-3, 58-60	33.64		1				
4H-3, 118-120	34.24						
4H-4, 8-10	34.64						
4H-4, 58-60	35.14						
4H-4, 118-120	35.74						
4H-5, 8-10	36.14						
4H-5, 58-60	36.64						
4H-5, 118-120	37.24						
4H-6, 8-10	37.64						
4H-6, 58-60	38.14						
184-1143B-							
5H-1, 58-60	38.72						
5H-1, 118-120	39.32						
5H-2, 8-10	39.72						
5H-2, 58-60	40.22						
5H-2, 118-120	40.82						
5H-3, 8-10	41.22						
5H-3, 58-60	41.72						







Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	Indeterminate Identified individuals (N)	Individuals (1000/g)	>60	Broken	Corroded	
2H-6, 88-90	21.18						
2H-6, 108-110	21.38						
2H-6, 128-130	21.58						
2H-6, 148-150	21.78	2	221	11	12	14	
2H-7, 8-10	21.88	1	278	16.8	101	98	43
2H-7, 28-30	22.08	1	218	2.924	8	23	27
184-1143B-							
3H-4, 8-10	22.2	4	0.014				
3H-4, 28-30	22.4		<2.5				
3H-4, 48-50	22.6		0.003				
3H-4, 68-70	22.8		<2.5				
3H-4, 88-90	23	6	0.048				
3H-4, 108-110	23.2						
3H-4, 128-130	23.4	71	0.3	29	35		
3H-4, 148-150	23.6	1	67	0.253	21	29	
3H-5, 8-10	23.7	1	300	238.6	84	105	14
3H-5, 58-60	24.2	258	126.9	43	77	11	
3H-5, 118-120	24.8	241	123.9	60	82		
3H-6, 8-10	25.2	3	59	1	3	15	
3H-6, 58-60	25.7	287	89.5	71	76	45	
3H-6, 118-120	26.3	353	368.8	88	134	20	
3H-7, 8-10	26.7	107	4.86	3	9		
184-1143C-							
3H-3, 118-120	27.04						
3H-4, 8-10	27.44	2	121	0.182	17	37	
3H-4, 58-60	27.94						
3H-4, 118-120	28.54						
3H-5, 8-10	28.94						
3H-5, 58-60	29.44	2	0.017				
3H-5, 118-120	30.04						
3H-6, 8-10	30.44	2	3.8				
3H-6, 58-60	30.94						
4H-2, 8-10	31.64						
4H-2, 58-60	32.14						
4H-2, 118-120	32.74						
4H-3, 8-10	33.14	5	43	0.058	2	19	
4H-3, 58-60	33.64	2	164	0.657	3	19	
4H-3, 118-120	34.24						
4H-4, 8-10	34.64						
4H-4, 58-60	35.14						
4H-4, 118-120	35.74						
4H-5, 8-10	36.14						
4H-5, 58-60	36.64						
4H-5, 118-120	37.24						
4H-6, 8-10	37.64						
4H-6, 58-60	38.14						
184-1143B-							
5H-1, 58-60	38.72						
5H-1, 118-120	39.32	1	54	1			
5H-2, 8-10	39.72						
5H-2, 58-60	40.22						
5H-2, 118-120	40.82						
5H-3, 8-10	41.22						
5H-3, 58-60	41.72						

Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Actinanthus</i> spp. <i>Actinocyclus curvatus</i> <i>Actinocyclus ehrenbergii</i> <i>Actinocyclus ehrenbergii</i> var. <i>tenella</i> <i>Actinocyclus ellipticus</i> <i>Actinocyclus moronensis</i> <i>Actinocyclus</i> spp. <i>Actinocyclus subtilis</i> <i>Actinoptychus marylandicus</i> <i>Actinoptychus undulatus</i> <i>Actinoptychus</i> spp. <i>Amphora</i> spp. <i>Arachnoidiscus</i> spp. <i>Asterolampra marylandica</i> <i>Asteromphalus arachne</i> <i>Asteromphalus elegans</i> <i>Asteromphalus fiabellatus</i> <i>Asteromphalus heptactis</i> <i>Asteromphalus</i> spp. <i>Azpeitia africanus</i> <i>Azpeitia crenulatus</i> <i>Azpeitia nodulifer</i> <i>Bacteriastrium hyalinum</i> <i>Biddulphia</i> spp. <i>Campylodiscus brightwellii</i> <i>Campylodiscus</i> spp. <i>Chaetoceros</i> spp. <i>Cocconeis scutellum</i> <i>Cocconeis</i> spp. <i>Coscinodiscus anguste-lineatus</i>
5H-3, 118-120	42.32	
5H-4, 8-10	42.72	
5H-4, 58-60	43.22	
5H-4, 118-120	43.82	
5H-5, 8-10	44.22	
5H-5, 58-60	44.72	
5H-5, 118-120	45.32	
5H-6, 8-10	45.72	
5H-6, 58-60	46.22	
184-1143C-		
5H-5, 118-120	47.24	
5H-6, 8-10	47.64	
5H-6, 58-60	48.14	
5H-6, 118-120	48.74	
5H-7, 8-10	49.14	
5H-7, 58-60	49.64	
6H-1, 8-10	49.94	
6H-1, 58-60	50.44	
6H-1, 118-120	51.04	
6H-2, 8-10	51.44	
6H-2, 58-60	51.94	
6H-2, 118-120	52.54	
6H-3, 8-10	52.94	
6H-3, 58-60	53.44	
6H-3, 118-120	54.04	
6H-4, 8-10	54.44	
6H-4, 58-60	54.94	
6H-4, 118-120	55.54	
6H-5, 8-10	55.94	
6H-5, 58-60	56.44	
6H-5, 118-120	57.04	
6H-6, 8-10	57.44	
6H-6, 58-60	57.94	
6H-6, 118-120	58.54	
6H-7, 8-10	58.94	
184-1143B-		
7H-1, 118-120	59.64	
7H-2, 8-10	60.04	
7H-2, 58-60	60.54	
7H-2, 118-120	61.14	
7H-3, 8-10	61.54	
7H-3, 58-60	62.04	
7H-3, 118-120	62.64	
7H-4, 8-10	63.04	
7H-4, 58-60	63.54	
7H-4, 118-120	64.14	
7H-5, 8-10	64.54	
184-1143C-		
7H-4, 58-60	65.24	
7H-4, 118-120	65.84	
7H-5, 8-10	66.24	
7H-5, 58-60	66.74	
7H-5, 118-120	67.34	
7H-6, 8-10	67.74	
7H-6, 58-60	68.24	



Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Delphineis</i> spp. <i>Denticulopsis dimorpha</i> <i>Denticulopsis hustedtii</i> <i>Denticulopsis punctata</i> f. <i>hustedtii</i> <i>Denticulopsis</i> spp. <i>Diploneis bombus</i> <i>Diploneis crabro</i> <i>Diploneis gemmata</i> var. <i>pristiaphora</i> <i>Diploneis nitescens</i> <i>Diploneis schimidtii</i> <i>Diploneis smithii</i> <i>Diploneis spendida</i> <i>Diploneis</i> spp. <i>Diploneis suborbicularis</i> <i>Diploneis</i> cf. <i>zanzibarica</i> <i>Grammatophora oceanica</i> <i>Grammatophora</i> spp. <i>Gyrosigma</i> spp. <i>Hantzschia amphioxys</i> <i>Hemiaulus</i> spp. <i>Hemidiscus cuneiformis</i> <i>Hyalodiscus</i> spp. <i>Licmophora</i> spp. <i>Navicula directa</i> <i>Navicula distans</i> <i>Navicula granulata</i> <i>Navicula lyra</i> <i>Navicula lyroides</i> <i>Navicula</i> spp. <i>Nitzschia fossilis</i>
5H-3, 118-120	42.32	
5H-4, 8-10	42.72	
5H-4, 58-60	43.22	
5H-4, 118-120	43.82	
5H-5, 8-10	44.22	
5H-5, 58-60	44.72	
5H-5, 118-120	45.32	
5H-6, 8-10	45.72	
5H-6, 58-60	46.22	
184-1143C-		
5H-5, 118-120	47.24	
5H-6, 8-10	47.64	
5H-6, 58-60	48.14	
5H-6, 118-120	48.74	
5H-7, 8-10	49.14	
5H-7, 58-60	49.64	
6H-1, 8-10	49.94	
6H-1, 58-60	50.44	
6H-1, 118-120	51.04	
6H-2, 8-10	51.44	
6H-2, 58-60	51.94	
6H-2, 118-120	52.54	
6H-3, 8-10	52.94	
6H-3, 58-60	53.44	
6H-3, 118-120	54.04	
6H-4, 8-10	54.44	
6H-4, 58-60	54.94	
6H-4, 118-120	55.54	
6H-5, 8-10	55.94	
6H-5, 58-60	56.44	
6H-5, 118-120	57.04	
6H-6, 8-10	57.44	
6H-6, 58-60	57.94	
6H-6, 118-120	58.54	
6H-7, 8-10	58.94	
184-1143B-		
7H-1, 118-120	59.64	
7H-2, 8-10	60.04	
7H-2, 58-60	60.54	
7H-2, 118-120	61.14	
7H-3, 8-10	61.54	
7H-3, 58-60	62.04	
7H-3, 118-120	62.64	
7H-4, 8-10	63.04	
7H-4, 58-60	63.54	
7H-4, 118-120	64.14	
7H-5, 8-10	64.54	
184-1143C-		
7H-4, 58-60	65.24	
7H-4, 118-120	65.84	
7H-5, 8-10	66.24	
7H-5, 58-60	66.74	
7H-5, 118-120	67.34	
7H-6, 8-10	67.74	
7H-6, 58-60	68.24	

Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Nitzschia interrupta</i> <i>Nitzschia marina</i> <i>Nitzschia porteri</i> <i>Nitzschia reinholdii</i> <i>Nitzschia</i> spp.	<i>Paralia islandica</i> ? <i>Paralia sulcata</i> ? <i>Paralia</i> <i>Plagiogramma</i> spp. <i>Pleurosigma</i> spp.	<i>Pseudoecuronia dolioilus</i> <i>Pyxidiscus weyprechtii</i> <i>Rhaphoneis amphicerus</i> <i>Rhaphoneis clavata</i> <i>Rhaphoneis gemmifera</i> <i>Rhaphoneis lancettula</i> <i>Rhaphoneis</i> cf. <i>magnapunctata</i> <i>Rhaphoneis paralis</i> <i>Rhaphoneis rhombica</i> <i>Rhaphoneis sachalinensis</i>	<i>Rhaphoneis</i> spp. <i>Rhizosolenia bergonii</i> <i>Rhizosolenia hebetata</i> f. <i>hiemalis</i> <i>Rhizosolenia</i> spp. <i>Rhizosolenia styliformis</i>	<i>Rhopalodia</i> spp. <i>Roperia tessellata</i> <i>Rossiella paleacea</i> <i>Rossiella</i> spp. <i>Rouxia</i> spp.
5H-3, 118-120	42.32					
5H-4, 8-10	42.72					
5H-4, 58-60	43.22					
5H-4, 118-120	43.82					
5H-5, 8-10	44.22					
5H-5, 58-60	44.72					
5H-5, 118-120	45.32					
5H-6, 8-10	45.72					
5H-6, 58-60	46.22					
184-1143C-						
5H-5, 118-120	47.24					
5H-6, 8-10	47.64					
5H-6, 58-60	48.14					
5H-6, 118-120	48.74					
5H-7, 8-10	49.14					
5H-7, 58-60	49.64					
6H-1, 8-10	49.94					
6H-1, 58-60	50.44					
6H-1, 118-120	51.04					
6H-2, 8-10	51.44					
6H-2, 58-60	51.94					
6H-2, 118-120	52.54					
6H-3, 8-10	52.94					
6H-3, 58-60	53.44					
6H-3, 118-120	54.04					
6H-4, 8-10	54.44					
6H-4, 58-60	54.94					
6H-4, 118-120	55.54					
6H-5, 8-10	55.94					
6H-5, 58-60	56.44					
6H-5, 118-120	57.04					
6H-6, 8-10	57.44					
6H-6, 58-60	57.94					
6H-6, 118-120	58.54					
6H-7, 8-10	58.94					
184-1143B-						
7H-1, 118-120	59.64					
7H-2, 8-10	60.04					
7H-2, 58-60	60.54					
7H-2, 118-120	61.14					
7H-3, 8-10	61.54					
7H-3, 58-60	62.04					
7H-3, 118-120	62.64					
7H-4, 8-10	63.04					
7H-4, 58-60	63.54					
7H-4, 118-120	64.14					
7H-5, 8-10	64.54					
184-1143C-						
7H-4, 58-60	65.24					
7H-4, 118-120	65.84					
7H-5, 8-10	66.24					
7H-5, 58-60	66.74					
7H-5, 118-120	67.34					
7H-6, 8-10	67.74					
7H-6, 58-60	68.24					

Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Stephanopyxis</i> spp. <i>Stictodiscus</i> spp. <i>Suriella fastuosa</i> <i>Suriella fluminensis</i> <i>Suriella</i> spp. <i>Synedra formosa</i> <i>Synedra</i> spp. <i>Thalassionema nitzschioides</i> <i>Thalassionema nitzschioides</i> var. <i>parva</i> <i>Thalassiosira decipiens</i> <i>Thalassiosira eccentrica</i> <i>Thalassiosira gravida</i> <i>Thalassiosira leptopus</i> <i>Thalassiosira lineata</i> <i>Thalassiosira miocenica</i> <i>Thalassiosira oestrupii</i> <i>Thalassiosira pacifica</i> <i>Thalassiosira praeconvexa</i> <i>Thalassiosira</i> sp. 1 <i>Thalassiosira</i> spp. 1 <i>Thalassiothrix frauenfeldii</i> <i>Thalassiothrix longissima</i> <i>Trachyneis antillarum</i> <i>Trachyneis aspera</i> <i>Trachyneis aspera</i> var. <i>unilatera</i> <i>Triceratium cinnamomeum</i> <i>Triceratium favus</i> <i>Triceratium formosum</i> <i>Triceratium</i> spp. <i>Tryblioptychus cocconeiformis</i>
5H-3, 118–120	42.32	
5H-4, 8–10	42.72	
5H-4, 58–60	43.22	
5H-4, 118–120	43.82	
5H-5, 8–10	44.22	
5H-5, 58–60	44.72	
5H-5, 118–120	45.32	
5H-6, 8–10	45.72	
5H-6, 58–60	46.22	
184-1143C-		
5H-5, 118–120	47.24	
5H-6, 8–10	47.64	
5H-6, 58–60	48.14	
5H-6, 118–120	48.74	
5H-7, 8–10	49.14	
5H-7, 58–60	49.64	
6H-1, 8–10	49.94	
6H-1, 58–60	50.44	
6H-1, 118–120	51.04	
6H-2, 8–10	51.44	
6H-2, 58–60	51.94	
6H-2, 118–120	52.54	
6H-3, 8–10	52.94	
6H-3, 58–60	53.44	
6H-3, 118–120	54.04	
6H-4, 8–10	54.44	
6H-4, 58–60	54.94	
6H-4, 118–120	55.54	
6H-5, 8–10	55.94	
6H-5, 58–60	56.44	
6H-5, 118–120	57.04	
6H-6, 8–10	57.44	
6H-6, 58–60	57.94	
6H-6, 118–120	58.54	
6H-7, 8–10	58.94	
184-1143B-		
7H-1, 118–120	59.64	
7H-2, 8–10	60.04	
7H-2, 58–60	60.54	
7H-2, 118–120	61.14	
7H-3, 8–10	61.54	
7H-3, 58–60	62.04	
7H-3, 118–120	62.64	
7H-4, 8–10	63.04	
7H-4, 58–60	63.54	
7H-4, 118–120	64.14	
7H-5, 8–10	64.54	
184-1143C-		
7H-4, 58–60	65.24	
7H-4, 118–120	65.84	
7H-5, 8–10	66.24	
7H-5, 58–60	66.74	
7H-5, 118–120	67.34	
7H-6, 8–10	67.74	
7H-6, 58–60	68.24	



**Table T1 (continued).**

Core, section, interval (cm)	Depth (mcd)	Indeterminate	Identified individuals (N)	Individuals (1000/g)	>60	Broken	Corroded
5H-3, 118-120	42.32						
5H-4, 8-10	42.72	5	5	0.79			
5H-4, 58-60	43.22						
5H-4, 118-120	43.82						
5H-5, 8-10	44.22						
5H-5, 58-60	44.72						
5H-5, 118-120	45.32						
5H-6, 8-10	45.72						
5H-6, 58-60	46.22						
184-1143C-							
5H-5, 118-120	47.24						
5H-6, 8-10	47.64						
5H-6, 58-60	48.14						
5H-6, 118-120	48.74						
5H-7, 8-10	49.14						
5H-7, 58-60	49.64						
6H-1, 8-10	49.94						
6H-1, 58-60	50.44						
6H-1, 118-120	51.04						
6H-2, 8-10	51.44						
6H-2, 58-60	51.94						
6H-2, 118-120	52.54						
6H-3, 8-10	52.94						
6H-3, 58-60	53.44						
6H-3, 118-120	54.04						
6H-4, 8-10	54.44						
6H-4, 58-60	54.94						
6H-4, 118-120	55.54						
6H-5, 8-10	55.94						
6H-5, 58-60	56.44						
6H-5, 118-120	57.04						
6H-6, 8-10	57.44						
6H-6, 58-60	57.94						
6H-6, 118-120	58.54						
6H-7, 8-10	58.94						
184-1143B-							
7H-1, 118-120	59.64						
7H-2, 8-10	60.04						
7H-2, 58-60	60.54						
7H-2, 118-120	61.14						
7H-3, 8-10	61.54						
7H-3, 58-60	62.04						
7H-3, 118-120	62.64						
7H-4, 8-10	63.04						
7H-4, 58-60	63.54						
7H-4, 118-120	64.14						
7H-5, 8-10	64.54						
184-1143C-							
7H-4, 58-60	65.24						
7H-4, 118-120	65.84						
7H-5, 8-10	66.24						
7H-5, 58-60	66.74						
7H-5, 118-120	67.34						
7H-6, 8-10	67.74						
7H-6, 58-60	68.24						

Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Actinanthus</i> spp. <i>Actinocyclus curvatus</i> <i>Actinocyclus ehrenbergii</i> <i>Actinocyclus ehrenbergii</i> var. <i>tenella</i> <i>Actinocyclus ellipticus</i> <i>Actinocyclus moronensis</i> <i>Actinocyclus</i> spp. <i>Actinocyclus subtilis</i> <i>Actinoptychus marylandicus</i> <i>Actinoptychus undulatus</i> <i>Actinoptychus</i> spp. <i>Amphora</i> spp. <i>Arachnoidiscus</i> spp. <i>Asterolampra marylandica</i> <i>Asteromphalus arachne</i> <i>Asteromphalus elegans</i> <i>Asteromphalus fiabellatus</i> <i>Asteromphalus heptactis</i> <i>Asteromphalus</i> spp. <i>Azpeitia africanus</i> <i>Azpeitia crenulatus</i> <i>Azpeitia nodulifer</i> <i>Bacteriastrium hyalinum</i> <i>Biddulphia</i> spp. <i>Campylodiscus brightwelli</i> <i>Campylodiscus</i> spp. <i>Chaetoceros</i> spp. <i>Cocconeis scutellum</i> <i>Cocconeis</i> spp. <i>Coscinodiscus anguste-lineatus</i>
184-1143B-8H-1, 58-60	68.8	
184-1143B-8H-1, 118-120	69.4	
184-1143B-8H-2, 8-10	69.8	
184-1143B-8H-2, 58-60	70.3	
184-1143B-8H-2, 118-120	70.9	
184-1143B-8H-3, 8-10	71.3	
184-1143B-8H-3, 58-60	71.8	
184-1143B-8H-3, 118-120	72.4	
184-1143B-8H-4, 8-10	72.8	
184-1143B-8H-4, 58-60	73.3	
184-1143B-8H-4, 118-120	73.9	
184-1143B-8H-5, 8-10	74.3	
184-1143B-8H-5, 58-60	74.8	
184-1143B-8H-5, 118-120	75.4	
184-1143B-8H-6, 8-10	75.8	
184-1143C-8H-5, 8-10	76.32	
184-1143C-8H-5, 58-60	76.82	
184-1143C-8H-5, 118-120	77.42	
184-1143C-8H-6, 8-10	77.82	
184-1143C-8H-6, 58-60	78.32	
184-1143C-8H-6, 118-120	78.92	
184-1143C-8H-7, 8-10	79.32	
184-1143C-9H-1, 118-120	79.66	
184-1143B-9H-2, 8-10	80.06	
184-1143B-9H-2, 58-60	80.56	
184-1143B-9H-2, 118-120	81.16	
184-1143B-9H-3, 8-10	81.56	
184-1143B-9H-3, 58-60	82.06	
184-1143B-9H-3, 118-120	82.66	
184-1143B-9H-4, 8-10	83.06	
184-1143B-9H-4, 58-60	83.56	
184-1143B-9H-4, 118-120	84.16	
184-1143B-9H-5, 8-10	84.56	
184-1143B-9H-5, 58-60	85.06	
184-1143B-9H-5, 118-120	85.66	
184-1143B-9H-6, 8-10	86.06	
184-1143B-9H-6, 58-60	86.56	
184-1143B-9H-6, 118-120	87.16	
184-1143B-9H-7, 8-10	87.56	
184-1143C-9H-6, 8-10	87.86	
184-1143C-9H-6, 58-60	88.36	
184-1143C-9H-6, 118-120	88.96	
184-1143C-9H-7, 8-10	89.36	
184-1143C-10H-1, 8-10	90	
184-1143C-10H-1, 58-60	90.5	
184-1143C-10H-1, 118-120	91.1	
184-1143C-10H-2, 8-10	91.5	
184-1143C-10H-2, 58-60	92	
184-1143C-10H-2, 118-120	92.6	
184-1143C-10H-3, 8-10	93	
184-1143C-10H-3, 58-60	93.5	



Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Delphineis</i> spp. <i>Denticulopsis dimorpha</i> <i>Denticulopsis hustedtii</i> <i>Denticulopsis punctata</i> f. <i>hustedtii</i> <i>Denticulopsis</i> spp. <i>Diploneis bombus</i> <i>Diploneis crabro</i> <i>Diploneis gemmata</i> var. <i>pristiaphora</i> <i>Diploneis nitescens</i> <i>Diploneis schimidtii</i> <i>Diploneis smithii</i> <i>Diploneis spendida</i> <i>Diploneis</i> spp. <i>Diploneis suborbicularis</i> <i>Diploneis</i> cf. <i>zanzibarica</i> <i>Grammatophora oceanica</i> <i>Grammatophora</i> spp. <i>Gyrosigma</i> spp. <i>Hantzschia amphioxys</i> <i>Hemiaulus</i> spp. <i>Hemidiscus cuneiformis</i> <i>Hyalodiscus</i> spp. <i>Licmophora</i> spp. <i>Navicula directa</i> <i>Navicula distans</i> <i>Navicula granulata</i> <i>Navicula lyra</i> <i>Navicula lyroides</i> <i>Navicula</i> spp. <i>Nitzschia fossilis</i>
184-1143B-8H-1, 58-60	68.8	
184-1143B-8H-1, 118-120	69.4	
184-1143B-8H-2, 8-10	69.8	
184-1143B-8H-2, 58-60	70.3	
184-1143B-8H-2, 118-120	70.9	
184-1143B-8H-3, 8-10	71.3	
184-1143B-8H-3, 58-60	71.8	
184-1143B-8H-3, 118-120	72.4	
184-1143B-8H-4, 8-10	72.8	
184-1143B-8H-4, 58-60	73.3	
184-1143B-8H-4, 118-120	73.9	
184-1143B-8H-5, 8-10	74.3	
184-1143B-8H-5, 58-60	74.8	
184-1143B-8H-5, 118-120	75.4	
184-1143B-8H-6, 8-10	75.8	
184-1143C-8H-5, 8-10	76.32	
184-1143C-8H-5, 58-60	76.82	
184-1143C-8H-5, 118-120	77.42	
184-1143C-8H-6, 8-10	77.82	
184-1143C-8H-6, 58-60	78.32	
184-1143C-8H-6, 118-120	78.92	
184-1143C-8H-7, 8-10	79.32	
184-1143C-9H-1, 118-120	79.66	
184-1143B-9H-2, 8-10	80.06	
184-1143B-9H-2, 58-60	80.56	
184-1143B-9H-2, 118-120	81.16	
184-1143B-9H-3, 8-10	81.56	
184-1143B-9H-3, 58-60	82.06	
184-1143B-9H-3, 118-120	82.66	
184-1143B-9H-4, 8-10	83.06	
184-1143B-9H-4, 58-60	83.56	
184-1143B-9H-4, 118-120	84.16	
184-1143B-9H-5, 8-10	84.56	
184-1143B-9H-5, 58-60	85.06	
184-1143B-9H-5, 118-120	85.66	
184-1143B-9H-6, 8-10	86.06	
184-1143B-9H-6, 58-60	86.56	
184-1143B-9H-6, 118-120	87.16	
184-1143B-9H-7, 8-10	87.56	
184-1143C-9H-6, 8-10	87.86	
184-1143C-9H-6, 58-60	88.36	
184-1143C-9H-6, 118-120	88.96	
184-1143C-9H-7, 8-10	89.36	
184-1143C-10H-1, 8-10	90	
184-1143C-10H-1, 58-60	90.5	
184-1143C-10H-1, 118-120	91.1	
184-1143C-10H-2, 8-10	91.5	
184-1143C-10H-2, 58-60	92	
184-1143C-10H-2, 118-120	92.6	
184-1143C-10H-3, 8-10	93	
184-1143C-10H-3, 58-60	93.5	

Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Nitzschia interrupta</i> <i>Nitzschia marina</i> <i>Nitzschia porteri</i> <i>Nitzschia reinholdii</i> <i>Nitzschia</i> spp.	<i>Paralia islandica</i> ? <i>Paralia sulcata</i> ? <i>Paralia</i> <i>Plagiogramma</i> spp. <i>Pleurosigma</i> spp.	<i>Pseudoecunotia dolifolus</i> <i>Pyxidiscus weyprechtii</i> <i>Rhaphoneis amphicerus</i> <i>Rhaphoneis clavata</i> <i>Rhaphoneis gemmifera</i> <i>Rhaphoneis lancettula</i> <i>Rhaphoneis</i> cf. <i>magnapunctata</i> <i>Rhaphoneis paralis</i> <i>Rhaphoneis rhombica</i> <i>Rhaphoneis sachalinensis</i> <i>Rhaphoneis</i> spp.	<i>Rhizosolenia bergonii</i> <i>Rhizosolenia hebetata</i> f. <i>hiemalis</i> <i>Rhizosolenia</i> spp. <i>Rhizosolenia styliformis</i> <i>Rhopalodia</i> spp. <i>Roperia tessellata</i> <i>Rossiella paleacea</i> <i>Rossiella</i> spp. <i>Rouxia</i> spp.
184-1143B- 8H-1, 58-60	68.8				
8H-1, 118-120	69.4				
8H-2, 8-10	69.8				
8H-2, 58-60	70.3				
8H-2, 118-120	70.9				
8H-3, 8-10	71.3				
8H-3, 58-60	71.8				
8H-3, 118-120	72.4				
8H-4, 8-10	72.8				
8H-4, 58-60	73.3				
8H-4, 118-120	73.9				
8H-5, 8-10	74.3				
8H-5, 58-60	74.8				
8H-5, 118-120	75.4				
8H-6, 8-10	75.8				
184-1143C- 8H-5, 8-10	76.32				
8H-5, 58-60	76.82				
8H-5, 118-120	77.42				
8H-6, 8-10	77.82				
8H-6, 58-60	78.32				
8H-6, 118-120	78.92				
8H-7, 8-10	79.32				
9H-1, 118-120	79.66				
184-1143B- 9H-2, 8-10	80.06				
9H-2, 58-60	80.56				
9H-2, 118-120	81.16				
9H-3, 8-10	81.56				
9H-3, 58-60	82.06				
9H-3, 118-120	82.66				
9H-4, 8-10	83.06				
9H-4, 58-60	83.56				
9H-4, 118-120	84.16				
9H-5, 8-10	84.56				
9H-5, 58-60	85.06				
9H-5, 118-120	85.66				
9H-6, 8-10	86.06				
9H-6, 58-60	86.56				
9H-6, 118-120	87.16				
9H-7, 8-10	87.56				
184-1143C- 9H-6, 8-10	87.86				
9H-6, 58-60	88.36				
9H-6, 118-120	88.96				
9H-7, 8-10	89.36		1		
10H-1, 8-10	90				
10H-1, 58-60	90.5				
10H-1, 118-120	91.1				
10H-2, 8-10	91.5				
10H-2, 58-60	92				
10H-2, 118-120	92.6				
10H-3, 8-10	93				
10H-3, 58-60	93.5				

Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Stephanopyxis</i> spp. <i>Stictodiscus</i> spp. <i>Suriella fastuosa</i> <i>Suriella fluminensis</i> <i>Suriella</i> spp. <i>Synedra formosa</i> <i>Synedra</i> spp. <i>Thalassionema nitzschioides</i> <i>Thalassionema nitzschioides</i> var. <i>parva</i> <i>Thalassiosira decipiens</i> <i>Thalassiosira eccentrica</i> <i>Thalassiosira gravida</i> <i>Thalassiosira leptopus</i> <i>Thalassiosira lineata</i> <i>Thalassiosira miocenica</i> <i>Thalassiosira oestrupii</i> <i>Thalassiosira pacifica</i> <i>Thalassiosira praeconvexa</i> <i>Thalassiosira</i> sp. 1 <i>Thalassiosira</i> spp. 1 <i>Thalassiothrix frauenfeldii</i> <i>Thalassiothrix longissima</i> <i>Trachyneis antillarum</i> <i>Trachyneis aspera</i> <i>Trachyneis aspera</i> var. <i>unilatera</i> <i>Triceratium cinnamomeum</i> <i>Triceratium favus</i> <i>Triceratium formosum</i> <i>Triceratium</i> spp. <i>Tryblioptychus cocconeiformis</i>
184-1143B-		
8H-1, 58-60	68.8	
8H-1, 118-120	69.4	
8H-2, 8-10	69.8	
8H-2, 58-60	70.3	
8H-2, 118-120	70.9	
8H-3, 8-10	71.3	
8H-3, 58-60	71.8	
8H-3, 118-120	72.4	
8H-4, 8-10	72.8	
8H-4, 58-60	73.3	
8H-4, 118-120	73.9	
8H-5, 8-10	74.3	
8H-5, 58-60	74.8	
8H-5, 118-120	75.4	
8H-6, 8-10	75.8	
184-1143C-		
8H-5, 8-10	76.32	
8H-5, 58-60	76.82	
8H-5, 118-120	77.42	
8H-6, 8-10	77.82	
8H-6, 58-60	78.32	
8H-6, 118-120	78.92	
8H-7, 8-10	79.32	
9H-1, 118-120	79.66	
184-1143B-		
9H-2, 8-10	80.06	
9H-2, 58-60	80.56	
9H-2, 118-120	81.16	
9H-3, 8-10	81.56	
9H-3, 58-60	82.06	
9H-3, 118-120	82.66	
9H-4, 8-10	83.06	
9H-4, 58-60	83.56	
9H-4, 118-120	84.16	
9H-5, 8-10	84.56	
9H-5, 58-60	85.06	
9H-5, 118-120	85.66	
9H-6, 8-10	86.06	
9H-6, 58-60	86.56	
9H-6, 118-120	87.16	
9H-7, 8-10	87.56	
184-1143C-		
9H-6, 8-10	87.86	
9H-6, 58-60	88.36	
9H-6, 118-120	88.96	
9H-7, 8-10	89.36	
10H-1, 8-10	90	
10H-1, 58-60	90.5	
10H-1, 118-120	91.1	
10H-2, 8-10	91.5	
10H-2, 58-60	92	
10H-2, 118-120	92.6	
10H-3, 8-10	93	
10H-3, 58-60	93.5	

**Table T1 (continued).**

Core, section, interval (cm)	Depth (mcd)	Indeterminate Identified individuals (N)	Individuals (1000/g)	>60	Broken	Corroded
184-1143B-						
8H-1, 58-60	68.8					
8H-1, 118-120	69.4					
8H-2, 8-10	69.8					
8H-2, 58-60	70.3					
8H-2, 118-120	70.9					
8H-3, 8-10	71.3					
8H-3, 58-60	71.8					
8H-3, 118-120	72.4					
8H-4, 8-10	72.8					
8H-4, 58-60	73.3					
8H-4, 118-120	73.9					
8H-5, 8-10	74.3					
8H-5, 58-60	74.8					
8H-5, 118-120	75.4					
8H-6, 8-10	75.8					
184-1143C-						
8H-5, 8-10	76.32					
8H-5, 58-60	76.82					
8H-5, 118-120	77.42					
8H-6, 8-10	77.82					
8H-6, 58-60	78.32					
8H-6, 118-120	78.92					
8H-7, 8-10	79.32					
9H-1, 118-120	79.66					
184-1143B-						
9H-2, 8-10	80.06					
9H-2, 58-60	80.56					
9H-2, 118-120	81.16					
9H-3, 8-10	81.56					
9H-3, 58-60	82.06					
9H-3, 118-120	82.66					
9H-4, 8-10	83.06					
9H-4, 58-60	83.56					
9H-4, 118-120	84.16					
9H-5, 8-10	84.56					
9H-5, 58-60	85.06					
9H-5, 118-120	85.66					
9H-6, 8-10	86.06					
9H-6, 58-60	86.56					
9H-6, 118-120	87.16					
9H-7, 8-10	87.56					
184-1143C-						
9H-6, 8-10	87.86					
9H-6, 58-60	88.36					
9H-6, 118-120	88.96					
9H-7, 8-10	89.36	1	0.07			
10H-1, 8-10	90					
10H-1, 58-60	90.5					
10H-1, 118-120	91.1					
10H-2, 8-10	91.5					
10H-2, 58-60	92					
10H-2, 118-120	92.6					
10H-3, 8-10	93	1	0.008			
10H-3, 58-60	93.5					







**Table T1 (continued).**

Core, section, interval (cm)	Depth (mcd)	<i>Delphineis</i> spp. <i>Denticulopsis dimorpha</i> <i>Denticulopsis hustedtii</i> <i>Denticulopsis punctata</i> f. <i>hustedtii</i> <i>Denticulopsis</i> spp.	<i>Diploneis bombus</i> <i>Diploneis crabro</i> <i>Diploneis gemmata</i> var. <i>pristiaphora</i> <i>Diploneis nitescens</i> <i>Diploneis schimidtii</i>	<i>Diploneis smithii</i> <i>Diploneis splendida</i> <i>Diploneis</i> spp. <i>Diploneis suborbicularis</i> <i>Diploneis</i> cf. <i>zanzibarica</i>	<i>Grammatophora oceanica</i> <i>Grammatophora</i> spp. <i>Gyrosigma</i> spp. <i>Hantzschia amphioxys</i> <i>Hemiaulus</i> spp.	<i>Hemidiscus cuneiformis</i> <i>Hyalodiscus</i> spp. <i>Licmophora</i> spp. <i>Navicula directa</i> <i>Navicula distans</i>	<i>Navicula granulata</i> <i>Navicula lyra</i> <i>Navicula lyroides</i> <i>Navicula</i> spp. <i>Nitzschia fossilis</i>
10H-3, 118-120	94.1						
10H-4, 88-90	95.3						
184-1143B-							
11H-5, 88-90	107.88						
12H-4, 88-90	113.24						
13H-3, 88-90	121.58						
15H-1, 88-90	138.1						
184-1143C-							
16H-1, 88-90	149.86						
184-1143B-							
17H-1, 88-90	157.6						
184-1143C-							
17H-5, 88-90	163.68						
184-1143A-							
18H-4, 88-90	167.8						
184-1143B-							
18H-5, 88-90	170.57						
19H-1, 88-90	176.85					1	
20H-2, 88-90	186.65						1
184-1143A-							
21H-1, 88-90	194.4						
22H-1, 88-90	201.98						
23H-1, 88-100	209.38						
23H-1, 88-90	209.38						
25H-1, 88-90	221.2						
26H-1, 88-90	232.24						
27H-1, 88-90	241.46						
28H-1, 88-90	251.6						
29H-1, 88-90	260.3						
30H-1, 88-90	270.42						1
31H-1, 85-87	280.17						
32H-1, 86-88	290.1	2			1		
32H-2, 91-93	291.65	1		1			
32H-3, 87-89	293.11						
32H-4, 88-90	294.62						1
32H-5, 86-88	296.1						
32H-6, 92-94	297.66						
33H-1, 88-90	300.04						
33H-2, 88-90	301.54		1				
33H-3, 88-90	303.04		3 5	1	3	1	1 1 2
33H-4, 88-90	304.54						
33H-5, 88-90	306.04						
33H-6, 88-90	307.54						1
34H-1, 88-90	309.64						
34H-2, 88-90	311.14		1				2
34H-3, 88-90	312.64						
34H-4, 88-90	314.14						
34H-5, 88-90	315.64	2	3 1	1	1 1	1	21 3
35H-1, 88-90	318.62						
35H-2, 88-90	320.12		1			1	1
35H-3, 88-90	321.62				1	1	
35H-4, 88-90	323.12			1			
35H-5, 88-90	324.62						





Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	Indeterminate Identified individuals (N)	Individuals (1000/g)	>60	Broken	Corroded
10H-3, 118-120	94.1					
10H-4, 88-90	95.3	1	4	0.005		
184-1143B-						
11H-5, 88-90	107.88		1	0.04		
12H-4, 88-90	113.24	1	5	0.07	4	
13H-3, 88-90	121.58	2	4	0.01		
15H-1, 88-90	138.1					
184-1143C-						
16H-1, 88-90	149.86		4	0.02		
184-1143B-						
17H-1, 88-90	157.6		6	0.04		
184-1143C-						
17H-5, 88-90	163.68	1	8	0.05		
184-1143A-						
18H-4, 88-90	167.8					
184-1143B-						
18H-5, 88-90	170.57		5	0.03		
19H-1, 88-90	176.85		3	0.02		
20H-2, 88-90	186.65		12	0.085		
184-1143A-						
21H-1, 88-90	194.4					
22H-1, 88-90	201.98					
23H-1, 88-100	209.38					
23H-1, 88-90	209.38					
25H-1, 88-90	221.2					
26H-1, 88-90	232.24					
27H-1, 88-90	241.46					
28H-1, 88-90	251.6					
29H-1, 88-90	260.3	2	0.05		1	
30H-1, 88-90	270.42	1	0.02		1	
31H-1, 85-87	280.17					
32H-1, 86-88	290.1		15	0.58	10	
32H-2, 91-93	291.65		14	0.62	5	
32H-3, 87-89	293.11					
32H-4, 88-90	294.62		8	0.72	7	
32H-5, 86-88	296.1		4	0.26		
32H-6, 92-94	297.66					
33H-1, 88-90	300.04					
33H-2, 88-90	301.54		19	1.6	11	
33H-3, 88-90	303.04		252	8.2		
33H-4, 88-90	304.54	1	9	0.5	5	
33H-5, 88-90	306.04					
33H-6, 88-90	307.54		2	0.12	1	
34H-1, 88-90	309.64		3	0.02	2	
34H-2, 88-90	311.14		13	0.08	11	
34H-3, 88-90	312.64					
34H-4, 88-90	314.14					
34H-5, 88-90	315.64	2	230	24	61	120
35H-1, 88-90	318.62					
35H-2, 88-90	320.12		47	6.7	19	32
35H-3, 88-90	321.62	2	33	4.5	7	20
35H-4, 88-90	323.12	1	6	0.4	1	4
35H-5, 88-90	324.62		5	0.34		2





Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Delphineis</i> spp. <i>Denticulopsis dimorpha</i> <i>Denticulopsis hustedtii</i> <i>Denticulopsis punctata</i> f. <i>hustedtii</i> <i>Denticulopsis</i> spp.	<i>Diploneis bombus</i> <i>Diploneis crabro</i> <i>Diploneis gemmata</i> var. <i>pristiaphora</i> <i>Diploneis nitescens</i> <i>Diploneis schimidtii</i>	<i>Diploneis smithii</i> <i>Diploneis spendida</i> <i>Diploneis</i> spp. <i>Diploneis suborbicularis</i> <i>Diploneis</i> cf. <i>zanzibarica</i>	<i>Grammatophora oceanica</i> <i>Grammatophora</i> spp. <i>Gyrosigma</i> spp. <i>Hantzschia amphioxys</i> <i>Hemiaulus</i> spp.	<i>Hemidiscus cuneiformis</i> <i>Hyalodiscus</i> spp. <i>Licmophora</i> spp. <i>Navicula directa</i> <i>Navicula distans</i>	<i>Navicula granulata</i> <i>Navicula lyra</i> <i>Navicula lyroides</i> <i>Navicula</i> spp. <i>Nitzschia fossilis</i>
35H-6, 88-90	326.12						
36H-1, 88-90	328.84						
36H-2, 88-90	330.34						
36H-3, 88-90	331.84						
36H-4, 88-90	333.34						
36H-5, 88-90	334.84						
36H-6, 88-90	336.34						
37H-1, 88-90	338.7						
37H-2, 88-90	340.2						
37H-3, 88-90	341.7						
37H-4, 88-90	343.2						
37H-5, 88-90	344.7						
37H-6, 88-90	346.2						
38H-1, 88-90	348.86						
38H-2, 88-90	350.36						
38H-3, 88-90	351.86						
38H-4, 88-90	353.36						
38H-5, 88-90	354.86						
38H-6, 88-90	356.36				1		
39H-1, 88-90	358.56						
39H-2, 88-90	360.06			1			
39H-3, 88-90	361.56						
39H-4, 88-90	363.06						
39H-5, 88-90	364.56						
39H-6, 88-90	366.06						
40H-1, 88-90	367.9						
40H-2, 88-90	369.4						
40H-3, 88-90	370.9		1 1			37	
40H-4, 88-90	372.4		1	1 1			
40H-5, 88-90	373.9						
41H-1, 88-90	377.36		2		1	29	
41H-2, 88-90	378.86		2 4	1 1	1 1	2	2
41H-3, 88-90	380.36		1	2			2
41H-4, 92-94	381.9		2 2	1	1		
41H-5, 88-90	383.36						
41H-6, 92-94	384.96		1	2 1	1 1		
42H-1, 88-90	389.42		5	1	5 6	8 2	1
42H-2, 88-90	390.92	10	1	2	3 5	3	1
42H-3, 88-90	392.42	4	1 1	2 4	5 7	6 3	2
42H-4, 88-90	393.92	1 2	1 1	1	4	2	1
42H-5, 88-90	395.42	3	2	4	1 3	1	2
44H-1, 88-90	407.84		2 1	4	4	3	2
44H-2, 88-90	409.34						
44H-3, 88-90	410.84						
44H-4, 88-90	412.34						
184-1143C-							
44H-1, 88-90	414.28		1	1			
44H-2, 88-90	415.78						
44H-3, 87-89	417.27						
44H-4, 88-90	418.78			1			
44H-5, 88-90	420.28						1
44H-6, 88-90	421.78						
45H-1, 80-90	423.9						
45H-2, 88-90	425.48						
45H-3, 88-90	426.98						



Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Nitzschia interrupta</i> <i>Nitzschia marina</i> <i>Nitzschia porteri</i> <i>Nitzschia reinholdii</i> <i>Nitzschia</i> spp.	<i>Paralia islandica</i> ? <i>Paralia sulcata</i> ? <i>Paralia</i> <i>Plagiogramma</i> spp. <i>Pleurosigma</i> spp.	<i>Pseudoonotia dolifolus</i> <i>Pyxidiscus weyprechtii</i> <i>Rhaphoneis amphiceros</i> <i>Rhaphoneis clavata</i> <i>Rhaphoneis gemmifera</i>	<i>Rhaphoneis lancettula</i> <i>Rhaphoneis</i> cf. <i>magnapunctata</i> <i>Rhaphoneis paralis</i> <i>Rhaphoneis rhombica</i> <i>Rhaphoneis sachalinensis</i>	<i>Rhaphoneis</i> spp. <i>Rhizosolenia bergonii</i> <i>Rhizosolenia hebetata</i> f. <i>hiemalis</i> <i>Rhizosolenia</i> spp. <i>Rhizosolenia styliformis</i>	<i>Rhopalodia</i> spp. <i>Roperia tessellata</i> <i>Rossiella paleacea</i> <i>Rossiella</i> spp. <i>Rouxia</i> spp.
35H-6, 88-90	326.12						
36H-1, 88-90	328.84						
36H-2, 88-90	330.34						
36H-3, 88-90	331.84						
36H-4, 88-90	333.34						
36H-5, 88-90	334.84						
36H-6, 88-90	336.34						
37H-1, 88-90	338.7						
37H-2, 88-90	340.2						
37H-3, 88-90	341.7						
37H-4, 88-90	343.2						
37H-5, 88-90	344.7						
37H-6, 88-90	346.2						
38H-1, 88-90	348.86						
38H-2, 88-90	350.36						
38H-3, 88-90	351.86		1				
38H-4, 88-90	353.36						
38H-5, 88-90	354.86		1				
38H-6, 88-90	356.36						
39H-1, 88-90	358.56						1
39H-2, 88-90	360.06	3	1	4			
39H-3, 88-90	361.56					1	
39H-4, 88-90	363.06						
39H-5, 88-90	364.56						
39H-6, 88-90	366.06						
40H-1, 88-90	367.9						
40H-2, 88-90	369.4		3				
40H-3, 88-90	370.9		16	1		1	
40H-4, 88-90	372.4		2				
40H-5, 88-90	373.9						
41H-1, 88-90	377.36		5	2	1		
41H-2, 88-90	378.86	1	2	27			
41H-3, 88-90	380.36		1	12			
41H-4, 92-94	381.9		1	14		2	
41H-5, 88-90	383.36						
41H-6, 92-94	384.96	1	1	15		1	3
42H-1, 88-90	389.42	1	1	1	14	4	1
42H-2, 88-90	390.92		1	6			1
42H-3, 88-90	392.42			10			
42H-4, 88-90	393.92		2	6	1		8
42H-5, 88-90	395.42		2	16	1	1	9
44H-1, 88-90	407.84			5	1		
44H-2, 88-90	409.34			2			
44H-3, 88-90	410.84			3			
44H-4, 88-90	412.34						
184-1143C-							
44H-1, 88-90	414.28		2	1			
44H-2, 88-90	415.78		1				
44H-3, 87-89	417.27						
44H-4, 88-90	418.78		1	2			
44H-5, 88-90	420.28		1	3	1	1	
44H-6, 88-90	421.78						
45H-1, 80-90	423.9			3			
45H-2, 88-90	425.48						
45H-3, 88-90	426.98					1	



**Table T1 (continued).**

Core, section, interval (cm)	Depth (mcd)	Indeterminate Identified individuals (N)	Individuals (1000/g)	>60	Broken	Corroded
35H-6, 88-90	326.12					
36H-1, 88-90	328.84					
36H-2, 88-90	330.34					
36H-3, 88-90	331.84					
36H-4, 88-90	333.34					
36H-5, 88-90	334.84					
36H-6, 88-90	336.34					
37H-1, 88-90	338.7					
37H-2, 88-90	340.2					
37H-3, 88-90	341.7					
37H-4, 88-90	343.2					
37H-5, 88-90	344.7					
37H-6, 88-90	346.2					
38H-1, 88-90	348.86					
38H-2, 88-90	350.36					
38H-3, 88-90	351.86	2	0.03			
38H-4, 88-90	353.36					
38H-5, 88-90	354.86	4	0.05	1	2	
38H-6, 88-90	356.36					
39H-1, 88-90	358.56	3	0.02			2
39H-2, 88-90	360.06	58	1.8	20	38	
39H-3, 88-90	361.56					
39H-4, 88-90	363.06					
39H-5, 88-90	364.56					
39H-6, 88-90	366.06					
40H-1, 88-90	367.9					
40H-2, 88-90	369.4	7	0.23	2	3	
40H-3, 88-90	370.9	3 201	3.9	91	140	
40H-4, 88-90	372.4	6	0.5			
40H-5, 88-90	373.9					
41H-1, 88-90	377.36	135	1.2	42	45	
41H-2, 88-90	378.86	6 219	7	68	73	
41H-3, 88-90	380.36	65	1.2	14	31	
41H-4, 92-94	381.9	89	3.2	18	45	
41H-5, 88-90	383.36					
41H-6, 92-94	384.96	2 210	6.2	49	106	
42H-1, 88-90	389.42	3 216	8.5	51	113	
42H-2, 88-90	390.92	1 75	1.3	13	23	
42H-3, 88-90	392.42	7 217	3.2	73	88	
42H-4, 88-90	393.92	5 210	19.3	69	80	
42H-5, 88-90	395.42	3 112	3	29	32	
44H-1, 88-90	407.84	2 213	2.7	38	58	
44H-2, 88-90	409.34	3	0.2			
44H-3, 88-90	410.84	5	0.24			2
44H-4, 88-90	412.34					
184-1143C-						
44H-1, 88-90	414.28	16	0.13	6	9	
44H-2, 88-90	415.78	3	0.03			
44H-3, 87-89	417.27					
44H-4, 88-90	418.78	7	0.09	1	3	
44H-5, 88-90	420.28	20	0.36	5	11	
44H-6, 88-90	421.78					
45H-1, 80-90	423.9	9	0.44	2	6	
45H-2, 88-90	425.48	4	0.02			4
45H-3, 88-90	426.98					

Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Achnanthes</i> spp.	<i>Actinocyclus curvatulus</i>	<i>Actinocyclus ehrenbergii</i>	<i>Actinocyclus ehrenbergii</i> var. <i>tenella</i>	<i>Actinocyclus ellipticus</i>	<i>Actinocyclus moronensis</i>	<i>Actinocyclus</i> spp.	<i>Actinocyclus subtilis</i>	<i>Actinocyclus marylandicus</i>	<i>Actinocyclus undulatus</i>	<i>Actinocyclus</i> spp.	<i>Amphora</i> spp.	<i>Arachnoidiscus</i> spp.	<i>Asterolampra marylandica</i>	<i>Asteromphalus arachne</i>	<i>Asteromphalus elegans</i>	<i>Asteromphalus flabellatus</i>	<i>Asteromphalus heptactis</i>	<i>Asteromphalus</i> spp.	<i>Azpeitia africanus</i>	<i>Azpeitia crenulatus</i>	<i>Azpeitia nodulifer</i>	<i>Bacteriastrium hyalinum</i>	<i>Biddulphia</i> spp.	<i>Campylodiscus brightwellii</i>	<i>Campylodiscus</i> spp.	<i>Chaetoceros</i> spp.	<i>Cocconeis scutellum</i>	<i>Cocconeis</i> spp.	<i>Coscinodiscus anguste-lineatus</i>	
45H-4, 88-90	428.48																														1	
45H-5, 88-90	429.98																															
45H-6, 88-90	431.48																															
46H-1, 88-90	433.58																															
46H-2, 88-90	435.08																															
46H-3, 88-90	436.58					2		1																								
46H-4, 88-90	438.08					63					1																	7	1			
46H-5, 100-102	439.7	1	1		15			1			2			2	6					1	3	1	2					20	3	1		
47H-1, 88-90	443.18					9																										
47H-2, 88-90	444.68					19																								2	2	
47H-3, 88-90	446.18		2		62					1													1						5			
47H-4, 88-90	447.68		1		13				1								4							1								
47H-5, 88-90	449.18			1	51			1		1								1		3				3	1			1	67	1		
47H-6, 88-90	450.68	1	1		123										12								1	4					17			
48H-1, 88-90	452.78																													3	3	
48H-2, 88-90	454.28																															
48H-3, 88-90	455.78																															
48H-4, 88-90	457.28						4											1														
48H-5, 88-90	458.78																															
49H-1, 88-90	462.48																															
49H-2, 88-90	463.98																															
49H-3, 88-90	465.48																															
49H-4, 88-90	466.98																															
49H-5, 88-90	468.48																															
49H-6, 88-90	469.98		4		114		11							5									1						12			
50H-1, 88-90	472.18		1		55		7	2						1									3					6		2		
50H-2, 88-90	473.68		1		8																											
50H-3, 88-90	475.18		2		52						2							1	1	1										1		
50H-4, 88-90	476.68		1		9					1																						
50H-5, 88-90	478.18		4		47						3						1															
50H-6, 88-90	479.68		1	1	42						1						7						1									
51H-1, 88-90	481.78		1	2	2	58					7						2			1				1								
51H-2, 88-90	483.28		4	5	2	60					7						3															
51H-3, 88-90	484.78		5		46						2						2															
51H-4, 88-90	486.28		4	2	22					1							1															
51H-5, 88-90	487.78		1	1	38						2						3															
52H-1, 88-90	491.48				8																											
52H-2, 88-90	492.98		3	1	12																										1	1
52H-3, 88-90	494.48					11											1	2														
52H-4, 88-90	495.98					43																										1
52H-5, 88-90	497.48										3						1															
52H-6, 88-90	498.98		1	3	2	51					4						9	14			5		1									
53H-1, 88-90	501.18		1		1	32					5						3	2					1									
53H-2, 88-90	502.68		4		31						2						2	10			1	7										
53H-3, 88-90	504.18					50					1						5															
53H-4, 88-90	505.68		1	1	92												5	2														
53H-5, 88-90	507.18				8					1							7															
53H-6, 88-90	508.68				2																											
54H-1, 88-90	510.88				69						4						2				4											

Note: N = number.

**Table T1 (continued).**

Core, section, interval (cm)	Depth (mcd)	<i>Coscinodiscus argus</i>	<i>Coscinodiscus blandus</i>	<i>Coscinodiscus curvalatus</i>	<i>Coscinodiscus decrescens</i>	<i>Coscinodiscus denariius</i>	<i>Coscinodiscus cf. endoi</i>	<i>Coscinodiscus inclusus</i>	<i>Coscinodiscus kutzingii</i>	<i>Coscinodiscus lacustris</i>	<i>Coscinodiscus lewisianus</i>	<i>Coscinodiscus lineatus</i>	<i>Coscinodiscus marginatus</i>	<i>Coscinodiscus minor</i>	<i>Coscinodiscus nitidus</i>	<i>Coscinodiscus oculatus</i>	<i>Coscinodiscus ocellus-iridis</i>	<i>Coscinodiscus radiatus</i>	<i>Coscinodiscus rothii</i>	<i>Coscinodiscus stellaris</i>	<i>Coscinodiscus spp.</i>	<i>Coscinodiscus subconcauus var. tenuior</i>	<i>Coscinodiscus subtilis</i>	<i>Coscinodiscus tabularis</i>	<i>Coscinodiscus temperei</i>	<i>Coscinodiscus temperei var. delicata</i>	<i>Coscinodiscus thorii</i>	<i>Coscinodiscus wittanhus</i>	<i>Coscinodiscus yabei</i>	<i>Cyclotella striata</i>	<i>Cyclotella stylonum</i>		
45H-4, 88-90	428.48																																
45H-5, 88-90	429.98																																
45H-6, 88-90	431.48																																
46H-1, 88-90	433.58																																
46H-2, 88-90	435.08																																
46H-3, 88-90	436.58																																
46H-4, 88-90	438.08																																
46H-5, 100-102	439.7														1			1									9						
47H-1, 88-90	443.18																																
47H-2, 88-90	444.68											1							1								1						
47H-3, 88-90	446.18													1																			
47H-4, 88-90	447.68		1					18				2										1			23				2				
47H-5, 88-90	449.18		1					2				3												1		2							
47H-6, 88-90	450.68							3				3					1						2										
48H-1, 88-90	452.78																																
48H-2, 88-90	454.28																																
48H-3, 88-90	455.78																																
48H-4, 88-90	457.28																																
48H-5, 88-90	458.78																																
49H-1, 88-90	462.48																																
49H-2, 88-90	463.98																																
49H-3, 88-90	465.48																																
49H-4, 88-90	466.98																																
49H-5, 88-90	468.48																																
49H-6, 88-90	469.98							5	1			1					1					1			4								
50H-1, 88-90	472.18							2	2														2						5				
50H-2, 88-90	473.68																					1											
50H-3, 88-90	475.18												1																				
50H-4, 88-90	476.68																																
50H-5, 88-90	478.18																					3			1								
50H-6, 88-90	479.68		1									2						1		4				1	3								
51H-1, 88-90	481.78		2				1					2	1					2		3				11	15	2							
51H-2, 88-90	483.28		2				1					2	3							1									8				
51H-3, 88-90	484.78												4					1		2				1					8				
51H-4, 88-90	486.28		3										3					2		1				7	9								
51H-5, 88-90	487.78																							9	1								
52H-1, 88-90	491.48											2																					
52H-2, 88-90	492.98																																
52H-3, 88-90	494.48																						1										
52H-4, 88-90	495.98																						1										
52H-5, 88-90	497.48											1														5			5				
52H-6, 88-90	498.98																								3	2	1						
53H-1, 88-90	501.18		1																			5											
53H-2, 88-90	502.68											1												1	2					2			
53H-3, 88-90	504.18																								7					1			
53H-4, 88-90	505.68												1											5	2				6				
53H-5, 88-90	507.18												3												1								
53H-6, 88-90	508.68																																
54H-1, 88-90	510.88																						2			6	3	2					

Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Delphineis</i> spp. <i>Denticulopsis dimorpha</i> <i>Denticulopsis hustedtii</i> <i>Denticulopsis punctata</i> f. <i>hustedtii</i> <i>Denticulopsis</i> spp.	<i>Diploneis bambus</i> <i>Diploneis crabro</i> <i>Diploneis gemmata</i> var. <i>pristiaphora</i> <i>Diploneis nitescens</i> <i>Diploneis schimidtii</i>	<i>Diploneis smithii</i> <i>Diploneis spendida</i> <i>Diploneis</i> spp. <i>Diploneis suborbicularis</i> <i>Diploneis</i> cf. <i>zanzibarica</i>	<i>Grammatophora oceanica</i> <i>Grammatophora</i> spp. <i>Gyrosigma</i> spp. <i>Hantzschia amphioxys</i> <i>Hemiaulus</i> spp.	<i>Hemidiscus cuneiformis</i> <i>Hyalodiscus</i> spp. <i>Licmophora</i> spp. <i>Navicula directa</i> <i>Navicula distans</i>	<i>Navicula granulata</i> <i>Navicula lyra</i> <i>Navicula lyroides</i> <i>Navicula</i> spp. <i>Nitzschia fossilis</i>
45H-4, 88-90	428.48						
45H-5, 88-90	429.98					1	
45H-6, 88-90	431.48						
46H-1, 88-90	433.58						
46H-2, 88-90	435.08			1			
46H-3, 88-90	436.58						
46H-4, 88-90	438.08	3			1	3	
46H-5, 100-102	439.7		2		1	2	2
47H-1, 88-90	443.18						
47H-2, 88-90	444.68						
47H-3, 88-90	446.18	1	2		1	25	1
47H-4, 88-90	447.68		3	1			2
47H-5, 88-90	449.18	3	1	2	1	25	1
47H-6, 88-90	450.68	1	4 2		2 3	17	1
48H-1, 88-90	452.78						
48H-2, 88-90	454.28					1	
48H-3, 88-90	455.78						
48H-4, 88-90	457.28						
48H-5, 88-90	458.78						
49H-1, 88-90	462.48						
49H-2, 88-90	463.98						
49H-3, 88-90	465.48						
49H-4, 88-90	466.98						
49H-5, 88-90	468.48						
49H-6, 88-90	469.98				1	11	1
50H-1, 88-90	472.18	3 1			1 4	1	1
50H-2, 88-90	473.68	1			1	1 1	
50H-3, 88-90	475.18	5 6		1	3	3	
50H-4, 88-90	476.68	2 4	2				1
50H-5, 88-90	478.18	2 3		1	1 2 3	4	1
50H-6, 88-90	479.68	1 2		1	2	4	1
51H-1, 88-90	481.78				1	3	
51H-2, 88-90	483.28	1	1	1	1	5	
51H-3, 88-90	484.78	1 1	1		1 1	5	
51H-4, 88-90	486.28	2	1		1 1	2	
51H-5, 88-90	487.78	1			2	4	1
52H-1, 88-90	491.48	1	1		1	1	
52H-2, 88-90	492.98		1 1	1		1	
52H-3, 88-90	494.48		2				1
52H-4, 88-90	495.98	5				7	
52H-5, 88-90	497.48	2			5	1	1
52H-6, 88-90	498.98	9	2 1		4 2	8	2
53H-1, 88-90	501.18	2			2	11	
53H-2, 88-90	502.68	7		1	5	4	1
53H-3, 88-90	504.18	3		1	1 2	11	
53H-4, 88-90	505.68		1 1		2	3	1
53H-5, 88-90	507.18	27	1 1		3 12		1
53H-6, 88-90	508.68		1				
54H-1, 88-90	510.88	1				5	

Table T1 (continued).

Core, section, interval (cm)	Depth (mcd)	<i>Nitzschia interrupta</i> <i>Nitzschia marina</i> <i>Nitzschia porteri</i> <i>Nitzschia reinholdii</i> <i>Nitzschia</i> spp.	<i>Paralia islandica</i> ? <i>Paralia sulcata</i> ?Paralia <i>Plagiogramma</i> spp. <i>Pleurosigma</i> spp.	<i>Pseudoecunotia doliofus</i> <i>Pyxidiscus weyprechtii</i> <i>Rhaphoneis amphicerus</i> <i>Rhaphoneis clavata</i> <i>Rhaphoneis gemmifera</i> <i>Rhaphoneis lancettula</i> <i>Rhaphoneis</i> cf. <i>magnapunctata</i> <i>Rhaphoneis paralis</i> <i>Rhaphoneis rhombica</i> <i>Rhaphoneis sachalinensis</i>	<i>Rhaphoneis</i> spp. <i>Rhizosolenia bergonii</i> <i>Rhizosolenia hebetata</i> f. <i>hiemalis</i> <i>Rhizosolenia</i> spp. <i>Rhizosolenia styliformis</i> <i>Rhopalodia</i> spp. <i>Roperia tessellata</i> <i>Rossiella paleacea</i> <i>Rossiella</i> spp. <i>Rouxia</i> spp.
45H-4, 88-90	428.48		3		
45H-5, 88-90	429.98				
45H-6, 88-90	431.48				
46H-1, 88-90	433.58				
46H-2, 88-90	435.08				
46H-3, 88-90	436.58		1		
46H-4, 88-90	438.08		3		
46H-5, 100-102	439.7	4 3	2		1 5 2 1 4
47H-1, 88-90	443.18				
47H-2, 88-90	444.68		1		1
47H-3, 88-90	446.18	1	3	1	1
47H-4, 88-90	447.68	1 2	1	1	1 7 2
47H-5, 88-90	449.18		4		2
47H-6, 88-90	450.68	1	3		1 1
48H-1, 88-90	452.78		2		
48H-2, 88-90	454.28				
48H-3, 88-90	455.78				
48H-4, 88-90	457.28				
48H-5, 88-90	458.78				
49H-1, 88-90	462.48				
49H-2, 88-90	463.98				
49H-3, 88-90	465.48				
49H-4, 88-90	466.98				
49H-5, 88-90	468.48				
49H-6, 88-90	469.98		3	1	2
50H-1, 88-90	472.18	1	3		2 1 2
50H-2, 88-90	473.68	1	8		1
50H-3, 88-90	475.18		10		1 1
50H-4, 88-90	476.68		3		1
50H-5, 88-90	478.18	1	3		1 1
50H-6, 88-90	479.68		4		1 4
51H-1, 88-90	481.78	1 1	8		1 1 1
51H-2, 88-90	483.28	1			3 1 3 2
51H-3, 88-90	484.78		1		1 1
51H-4, 88-90	486.28	1	1 1		1 1 2 1
51H-5, 88-90	487.78		4		1 1 3 1
52H-1, 88-90	491.48				1
52H-2, 88-90	492.98				1 1 1
52H-3, 88-90	494.48		2		
52H-4, 88-90	495.98	1	2		1
52H-5, 88-90	497.48	1	1		2 1 1 3 1
52H-6, 88-90	498.98		3		5 1 1 2
53H-1, 88-90	501.18	1 1	6		2 1
53H-2, 88-90	502.68	2	3		3
53H-3, 88-90	504.18		3		
53H-4, 88-90	505.68				10 5 4 3 1
53H-5, 88-90	507.18	1	6		7
53H-6, 88-90	508.68		2		1 1
54H-1, 88-90	510.88		1	1	1 3 1 1





**Table T1 (continued).**

Core, section, interval (cm)	Depth (mcd)	Indeterminate	Identified individuals (N)		Individuals (1000/g)	>60	Broken	Corroded
			Identified individuals (N)	Individuals (1000/g)				
45H-4, 88-90	428.48	1	6	0.11			2	
45H-5, 88-90	429.98		1	0.03				
45H-6, 88-90	431.48							
46H-1, 88-90	433.58							
46H-2, 88-90	435.08							
46H-3, 88-90	436.58		6	0.1	1	6		
46H-4, 88-90	438.08	1	86	0.78	6	64		
46H-5, 100-102	439.7	4	261	70	72	106		
47H-1, 88-90	443.18		11	0.25		4		
47H-2, 88-90	444.68		31	0.8	10	21		
47H-3, 88-90	446.18	2	119	3.1	30	46		
47H-4, 88-90	447.68	4	344	180	85	116		
47H-5, 88-90	449.18	3	214	6.4	74	120		
47H-6, 88-90	450.68	2	206	4	63	105		
48H-1, 88-90	452.78		2	0.15		1		
48H-2, 88-90	454.28		6	0.07	3	4		
48H-3, 88-90	455.78							
48H-4, 88-90	457.28							
48H-5, 88-90	458.78							
49H-1, 88-90	462.48							
49H-2, 88-90	463.98							
49H-3, 88-90	465.48							
49H-4, 88-90	466.98							
49H-5, 88-90	468.48							
49H-6, 88-90	469.98	7	258	29	51	113		
50H-1, 88-90	472.18	2	212	2.8	65	108		
50H-2, 88-90	473.68	2	68	6	21	31		
50H-3, 88-90	475.18		141	1	44	82		
50H-4, 88-90	476.68		39	5	9	23		
50H-5, 88-90	478.18	5	217	25	59	115		
50H-6, 88-90	479.68	2	225	19	50	102		
51H-1, 88-90	481.78	4	283	80	35	72		
51H-2, 88-90	483.28	2	371	800	100	158		
51H-3, 88-90	484.78	5	252	260	67	89		
51H-4, 88-90	486.28	2	233	660	75	92		
51H-5, 88-90	487.78	1	222	180	72	105		
52H-1, 88-90	491.48		17	0.75	2	13		
52H-2, 88-90	492.98		225	720	70	127		
52H-3, 88-90	494.48		43	5.4	5	22		
52H-4, 88-90	495.98	2	220	10	58	99		
52H-5, 88-90	497.48	3	213	240	54	120		
52H-6, 88-90	498.98	1	219	110	58	87		
53H-1, 88-90	501.18	1	201	80	67	122		
53H-2, 88-90	502.68	2	114	2.7	30	48		
53H-3, 88-90	504.18	1	233	13	81	155		
53H-4, 88-90	505.68	1	361	920	102	155		
53H-5, 88-90	507.18		118	2.9	14	39		
53H-6, 88-90	508.68	1	33	3.5	9	19		
54H-1, 88-90	510.88	1	222	18	68	162		