











Table T1 (continued). (Continued on next page.)

Core, section, interval (cm)	Depth (mbsf)	Diatom zone	Abundance	Number of diatom valves/slide × 100	Preservation	Marine diatoms												Nonmarine diatoms				Total number of valves counted	Chaetoceros spp. resting spores	Total marine diatom valves	Total nonmarine diatom valves								
						<i>Actinocyclus curvatus</i> Janish	<i>Actinocyclus oculatus</i> Jousé	<i>Coscinodiscus marginatus</i> Ehrenberg	<i>Coscinodiscus oculus-iridis</i> Ehrenberg	<i>Coscinodiscus</i> spp.	<i>Denticulopsis</i> spp.	<i>Fragilariopsis doliolus</i> (Wallich) Medlin and Sims	<i>Fragilariopsis oceanica</i> (Cleve) Hasle	<i>Neodenticula reinholdii</i> Kanaya ex Schrader	<i>Neodenticula seminiae</i> (Simonsen and Kanaya) Akiba and Yanagisawa	<i>Odontella aurita</i> (Lynngbye) Agardh	<i>Paralia sulcata</i> (Ehrenberg) Cleve	<i>Proboscia curvirostris</i> (Jousé) Jordan and Priddle	<i>Rhizosolenia hebetata</i> Gran	<i>Stephanopyxis dimorpha</i> Schrader	<i>Stephanopyxis</i> spp.					<i>Thalassionema eccentrica</i> (Ehrenberg) Cleve	<i>Thalassionema jouseae</i> Akiba	<i>Thalassionema nitzschioides</i> H. and M. Peragallo	<i>Thalassionema oestrupii</i> (Ostenfeld) Hasle	<i>Thalassionema trifidula</i> Fryxell	<i>Thalassionema</i> spp.	<i>Thalassiothrix longissima</i> Cleve and Grunow	Miscellaneous
16X-4, 10-12	192.1	NPD10	R	2.6	P	1	+	1				3	+	+	2	16	2	18	12	1	9	+	43	21	5	2	100	72	69	31			
16X-5, 10-12	193.6		VR	0.2	P								2			6		3			2	+		6	3	1	24	11	14	10			
16X-CC	195.1		R	1.5	P								2			22		12			7	2		39	3	5	2	100	76	51	49		
17X-1, 10-12	197.2		VR	0.2	P	1		+							1	1					1	2		11	2		20	12	7	13			
17X-2, 10-12	198.7		VR	0.2	P								2			1		+			2		2	14		1	2	23	1	6	17		
17X-4, 10-12	201.7		VR	0.2	P											4					3			11	1	2	22	3	8	14			
17X-5, 10-12	203.2		VR	0.1	P											1		+			1			5		1	3	11	1	2	9		
17X-6, 10-12	204.2		VR	0.1	P																			1		7		8	—	1	7		
17X-CC	205.0		R	2.0	P	1							10			7	16	1	9		1	14	+	4	31	2	+	3	100	58	64	36	
18X-1, 10-12	206.8		C	12.0	M	2	1	+					16		1	1	3	18	3	22	2	+	6	+	1	18	3	2	1	100	195	76	24
18X-3, 10-12	209.1		VR	2.3	P	1							6			3	13			8	1			11		4	2	2	100	53	46	54	
18X-CC	210.1		A	15.8	M	4			4	7			6	3		3	7	22	3	1	15	3	8	4	5	5		100	189	95	5		
19X-1, 10-12	216.4		VR	1.4	P				+	+			1		3	8	30		5			3	+	1	46	3	+		100	55	51	49	
19X-2, 10-12	217.1		VR	0.3	P								1		3	1	5		+			+			19	1		4	34	25	10	24	
19X-4, 10-12	220.1		C	45.0	M	+							17	+		1	16	47	+	6		7	+	1	3		+	2	100	316	95	5	
19X-CC	221.4		VR	0.1	P													+				+			6	+			6	2	0	6	
20X-1, 10-12	226.1		R	9.0	M	+							2	+		1	5			1		2			71	17	1		100	2	11	89	
20X-2, 10-12	227.6		C	20.0	M	+							6				+	2		1		2		1	68	18	2		100	19	12	88	
20X-3, 10-12	228.5		C	20.6	M	1							17				15	55							2		1	100	153	97	3		
20X-5, 10-12	231.2		VR	1.0	P	2			+	+			7		1	6	31	+				1	5	+	3	2	5	1	100	54	56	44	
20X-6, 10-12	232.4		VR	0.2	P											1	9								11	2	+		23	18	10	13	
20X-CC	232.6		VR	0.2	P											1	4			1		+			6		3		17	5	8	9	
21X-1, 10-12	235.7		VR	+	P												+								1				1	—	0	1	
21X-2, 10-12	236.9		VR	+	P															+					1				1	—	0	1	
21X-3, 10-12	238.5		VR	0.1	P																				11				11	—	0	11	
21X-5, 10-12	241.5		VR	0.1	P																				2	1		3	6	1	0	6	
21X-6, 10-12	242.8		VR	0.2	P	+										2	11					+			3		1	2	19	15	13	6	
21X-CC	244.9		R	2.4	P	+											9			2		1	7	2	69	4	2	2	100	7	23	77	



Table T1 (continued).

Core, section, interval (cm)	Depth (mbsf)	Diatom zone	Abundance	Number of diatom valves/slide × 100	Preservation	Marine diatoms														Nonmarine diatoms											
						<i>Actinocyclus curvatulus</i> Janish	<i>Actinocyclus oculatus</i> Jousé	<i>Coscinodiscus marginatus</i> Ehrenberg	<i>Coscinodiscus oculus-iridis</i> Ehrenberg	<i>Coscinodiscus</i> spp.	<i>Denticulopsis</i> spp.	<i>Fragilariopsis doliolus</i> (Wallich) Medlin and Sims	<i>Fragilariopsis oceanica</i> (Cleve) Hasle	<i>Neodenticula reinholdii</i> Kanaya ex Schrader	<i>Neodenticula seminiae</i> (Simonsen and Kanaya) Akiba and Yanagisawa	<i>Odontella aurita</i> (Lyngbye) Agardh	<i>Paralia sulcata</i> (Ehrenberg) Cleve	<i>Proboscia curvirostris</i> (Jousé) Jordan and Priddle	<i>Rhizosolenia hebetata</i> Gran	<i>Stephanopyxis dimorpha</i> Schrader	<i>Stephanopyxis</i> spp.	<i>Thalassionema eccentrica</i> (Ehrenberg) Cleve	<i>Thalassionema jouseae</i> Akiba	<i>Thalassionema nitzschioides</i> H. and M. Peragallo	<i>Thalassionema oestrupii</i> (Ostenfeld) Hasle	<i>Thalassionema trifidula</i> Fryxell	<i>Thalassionema</i> spp.	<i>Thalassiothrix longissima</i> Cleve and Grunow	Miscellaneous	<i>Aulacoseira</i> spp.	<i>Cyclotella</i> spp. and <i>Puncticulata</i> spp.
26X-2, 10–12	294.9	NPD10	A	7.2	M	2	+	+			29						+	34		4	1	+	14	+	13	2	1	100	222	84	16
26X-5, 10–12	299.2		A	54.0	M	2			1		43	4		+	5	30	+	2	+			8	+	5	+	100	226	95	5		
26X-6, 10–12	300.3		VA	60.0	G	2					35	5	2	+	+	34		4	2			14		+		100	382	100	0		
27X-CC	302.0		VR	0.8	P				1						8	24		+					1	5	+	41	1	7	82	23	40

Notes: Abundance: VA = very abundant, A = abundance, C = common, R = rare, VR = very rare, B = barren. Preservation: G = good, M = medium, P = poor, VP = very poor. + = present. — = not applicable.