

Table T1. Diatoms, Site 1251. (Continued on next page.)

Core, section, interval (cm)	Depth (mbsf)	<i>Actinocyclus curvatulus</i> Janisch	<i>Actinocyclus ochotensis</i> Jousé	<i>Actinoptychus senarius</i> (Ehrenberg) Ehrenberg	<i>Asteromphalus</i> sp.	<i>Aulacoseira granulata</i> (Ehrenberg) Simonsen	<i>Aulacoseira</i> spp.	<i>Azpetia tabularis</i> (Grunow) Fryxell and Sims	<i>Bacterosira fragilis</i> (Gran) Gran	<i>Cavitatus jouseanus</i> (Sheshukova-Poretzkaya) Williams	<i>Cocconeis</i> spp.	<i>Coscinodiscus marginatus</i> (Ehrenberg)	<i>Coscinodiscus radiatus</i> (Ehrenberg)	<i>Cyclotella striata</i> (Kützing) Grunow	<i>Delphineis angustata</i> (Pantocsek) Andrews	<i>Delphineis</i> spp.	<i>Delphineis surirella</i> (Ehrenberg) Andrews	<i>Denticulopsis hyalina</i> (Schrader) Simonsen	<i>Denticulopsis lauta</i> (Bailey) Simonsen and Kanaya	<i>Denticulopsis praedimorpha</i> Akiba ex. Barron	<i>Denticulopsis simonsenii</i> Yanagisawa and Akiba	<i>Diploneis</i> spp.	<i>Epithemia</i> spp.	<i>Fragilariopsis doliolus</i> (Wallich) Medlin and Sims	<i>Grammatophora</i> spp.	<i>Hemidiscus cuneiformis</i> Wallich	<i>Navicula</i> spp.	<i>Neodenticula kamtschatica</i> (Zabelina) Akiba and Yanagisawa	<i>Neodenticula koizumii</i> Akiba and Yanagisawa	<i>Neodenticula seminae</i> (Simonsen and Kanaya) Akiba and Yanagisawa	<i>Nitzschia interruptistriata</i> (Heiden) Simonsen
204-1251C-1H-1, 1	0.01		2									2	4	2	2	*	3							2			15		12		
1H-2, 40	1.90	2	3								1	6	4	1	1		2						2			10					
1H-3, 100	2.50		1	2				*				1	2	2	2	1	5						1			14		1	2		
1H-3, 85	3.85										1	1	5				4			1			9			7		4			
1H-4, 30	4.80			2								2	2	4	6		5						8					10	1		
1H-4, 130	5.80			2		1		1				3		2	7		3						7					10	1		
1H-5, 85	6.80			1								4	4	4	*		1						14	5				9			
1H-6, 30	7.80							2				2	1	6	4		4						23					5			
2H-1, 41	8.51	1	3				1	2			1	5	2		1		4						1				1	1	2	1	
2H-1, 123	9.35	1	1				3	1			1	5			1		8	2					1				5	*	3		
2H-2, 42	10.02	1	2				1				5	2			1		3										5	*	2	4	
2H-3, 41	11.18	1	3				5	3			1	1			4		2						*	1			1	1	8		
2H-3, 126	11.93		5				4	2			3	2	1		1		2	2					1		1		2		1		
204-1251B-3H-1, 100	19.60		2					1			2	2	1					1						3			*		3		
3H-3, 100	22.50		2				1				*				8		8		1								*		7		
3H-4, 100	24.00	2					3	3			*						11	1									3		2		
4H-1, 100	29.10						2	2		*	1	4			*		1	1									*		1		
4H-3, 100	32.10	1	1						*		1	3											1		*						
4H-5, 100	35.10		3				3	4			1	2	1				2										*	1			
4H-6, 74	36.30						2	1			1						2											*			
5H-1, 100	40.10		1					1		*	3					3	3										1		2		
5H-5, 100	44.50		1				2	1			2	1					2	2					1			1	1	1	2		
6H-2, 100	48.90		3	1				1									7								2				9		
6H-4, 100	51.80		2								1	1			4		8											2			
7H-2, 100	59.10	1	2								1	1	1				1				1							1			
7H-4, 100	62.10												1		1		1												2		
8H-2, 100	68.60	2					1				3	2				3	3										4	*	1		
8H-5, 100	73.00	3					4				2	2			1								3				3		2		
10H-2, 100	87.60	3	1				3					1			1	1	6										5		7		
10H-5, 100	92.10							1							*														5	1	
11H-2, 71	96.80						1				1						3										1		2		
11H-5, 67	100.70		3				1	1			2	3	3		6	3	9										1		9		
13H-2, 104	108.30		1				5	3				1			1	4	3							1			1		8	*	
13H-5, 100	112.60		2								1						2	1											1		
14H-5, 100	122.10										1						2												*		
15H-2, 100	127.60		2				5				1	2			6	12	19							*			*	1	5		
15H-5, 100	132.10	1					3				1	1					2										2		17		
16H-2, 93	137.03	1	1				2				1	1	2	1	1		1										1		15		
16H-5, 100	141.60	3					4				1	2			*	1	2						1	*					3		

Note: * = species found as a fragment or after a routine count.

Core, section, interval (cm)	Depth (mbsf)	<i>Odontella aurita</i> (Lyngbye) Agardh	<i>Paralia sulcata</i> (Ehrenberg) Cleve	<i>Proboscia barboi</i> (Brun) Jordan and Priddle	<i>Pygidicula zabelinae</i> (Jousé) Makarova and Moiseyeva	<i>Rhaphoneis</i> spp.	<i>Rhizosolenia hebetata</i> Gran	<i>Rhizosolenia styliformis</i> Bright	<i>Rouxia californica</i> Peragallo	<i>Stephanodiscus</i> spp.	<i>Stephanodiscus horridus</i> Kaizumi	<i>Stephanopyxis dimorpha</i> Schrader	<i>Stephanopyxis</i> spp.	<i>Thalassionema nitzschioides</i> H. and M. Peragallo	<i>Thalassiosira antiqua</i> (Grunow) Cleve-Euler	<i>Thalassiosira eccentrica</i> (Ehrenberg) Cleve	<i>Thalassiosira hyalina</i> (Grunow) Gran	<i>Thalassiosira leptopus</i> (Grunow) Hasle and Fryxell	<i>Thalassiosira lineata</i> Jousé	<i>Thalassiosira nordenskiöldii</i> Cleve	<i>Thalassiosira oestrupii</i> (Ostenfeld) Lavrenko	<i>Thalassiosira simonsenii</i> var. minor	<i>Thalassiosira trifulta</i> Fryxell	<i>Thalassiosira</i> spp.	<i>Thalassiothrix longissima</i> Cleve and Grunow	Total valves	Resting spores of <i>Chaetoceros</i> spp.
204-1251C-1H-1, 1	0.01	6					2						43					3		1			1	100	150		
1H-2, 40	1.90	4										1	58	1			1	1			1	1	2	102	418		
1H-3, 100	2.50	2											54	3				4		2			1	100	296		
1H-3, 85	3.85	8											54						1		2	2	100	351			
1H-4, 30	4.80											2	1	42				1					14	100	180		
1H-4, 130	5.80	1										2	44	1			1						14	100	322		
1H-5, 85	6.80	1											41				1				4		11	100	265		
1H-6, 30	7.80	1	1									1	65	1				2		1	2		8	*	130	371	
2H-1, 41	8.51											1	45	1			1					1	26	102	308		
2H-1, 123	9.35	1				2							28	1				2				1	2	36	1	101	522
2H-2, 42	10.02					1	1		1				4	51							1		16	*	101	372	
2H-3, 41	11.18	1	1			3			1			23	8	17	1		2		1		2	1	8	*	100	419	
2H-3, 126	11.93					5			2			13	2	35	1						5		10		100	527	
204-1251B-3H-1, 100	19.60			1	*							2	8	114									12	152	118		
3H-3, 100	22.50	1				1						22	16	27				3					22	119	188		
3H-4, 100	24.00	1				13						18	10	63	2		1					8	10	151	180		
4H-1, 100	29.10					2			1	1		26	11	23	1								5	17	100	284	
4H-3, 100	32.10					1						40	31	16	1								6		101	72	
4H-5, 100	35.10			1		3			*			13	8	28			2				3	2	23	100	129		
4H-6, 74	36.30										9	18	18	21			1					3	34	110	184		
5H-1, 100	40.10					2						22	12	38	2		3		2			5	47	148	185		
5H-5, 100	44.50					2						24	16	52	2						2	2	9	126	234		
6H-2, 100	48.90	1				3						16	8	66									32	149	285		
6H-4, 100																											