

Chapter 11, Table T5. Stratigraphic occurrence and relative abundance of diatom taxa from the Pliocene and Pleistocene, Site 1093.

Diatom zone	Core, section, interval (cm)	Depth (mcd)	Diatom abundance, uncleaned slide	Diatom preservation	Diatom taxon	Relative abundance	Preservation
T. lentiginosa/ F. kerguelensis subzone b	177-1093A						
	1H-1, 79-80	0.79	A	G	T		
	1H-3, 79-80	3.79	A	G	T		
	1H-5, 79-80	7.79	A	G	T		
	2H-1, 79-80	9.47	A	M	R	T	
	2H-3, 79-80	12.47	A	G-M	R	T	
	2H-5, 79-80	15.47	A	G	R	T	
	2H-7, 29-30	17.97	A	M	R	T	
	3H-2, 79-80	21.67	A	G	R	T	
	3H-4, 79-80	24.67	A	G	R	T	
T. lentiginosa/ F. kerguelensis subzone a	3H-6, 79-80	27.67	A	G	T	R	
	4H-1, 79-80	32.27	A	G-M	R	T	
	4H-3, 79-80	35.27	A	G	R	T	
	4H-5, 79-80	38.27	A	M	F	T	
	5H-1, 79-80	41.25	A	G	T	R	
	5H-3, 79-80	44.15	A	M	R	T	
	5H-5, 79-80	47.15	A	G-M	R	T	
	5H-6, 79-80	48.65	A	G	R	T	
	6H-1, 79-80	52.63	A	G	T	R	
	6H-3, 79-80	55.63	A	G	R	T	
R. constricta subzone b	6H-5, 79-80	58.63	A	G	R	T	
	7H-1, 79-80	63.15	A	G	R	T	
	7H-3, 79-80	66.02	A	M	R	T	
	7H-5, 79-80	69.02	A	G-M	R	T	
	7H-7, 29-30	71.47	A	G	R	T	
	8H-1, 79-80	73.82	A	G	R	T	
	8H-3, 79-80	76.82	A	M	R	T	
	8H-5, 79-80	79.82	A	M	R	T	
	9H-2, 79-80	84.96	A	G	R	T	
	9H-4, 79-80	87.96	A	G	R	T	
R. constricta subzone a	9H-6, 79-80	90.96	A	G	R	T	
	10H-1, 79-80	94.42	A	G	R	T	
	10H-3, 79-80	97.32	A	G	R	T	
	10H-5, 79-80	100.32	A	G	R	T	
	11H-1, 61-62	104.96	A	G-M	R	T	
	11H-3, 79-80	108.14	A	G-M	R	T	
	11H-5, 79-80	111.14	A	M	R	T	
	11H-7, 29-30	113.64	A	G	R	T	
	12H-2, 79-80	117.42	A	G-M	R	T	
	12H-4, 79-80	120.42	A	G	R	T	
A. ingens subzone c	12H-6, 79-80	123.42	A	M	R	T	
	13H-2, 79-80	126.96	A	G-M	R	T	
	13H-4, 79-80	129.96	A	G	R	T	
	13H-6, 79-80	132.96	A	M-P	F	T	
	14H-1, 79-80	135.72	A	M	F	T	
	14H-3, 79-80	140.22	A	M	R	T	
	14H-6, 79-80	143.22	A	G-M	R	T	
	15H-2, 79-80	146.64	A	G	R	T	
	15H-4, 79-80	149.64	A	G	R	T	
	15H-6, 79-80	152.64	A	G-M	T	R	
A. ingens subzone b	16H-1, 79-80	155.48	A	G	T	R	
	16H-3, 79-80	158.48	A	G	R	T	
	16H-5, 79-80	161.48	A	G	T	R	
	17H-2, 79-80	166.22	A	G	R	T	
	17H-4, 79-80	169.22	A	G-M	T	R	
	17H-6, 79-80	172.22	A	A	G	R	
	17H-7, 29-30	173.22	A	G	T	R	
	18H-1, 79-80	175.40	A	G	R	T	
	18H-2, 79-80	176.90	A	G-M	R	T	
	18H-3, 79-80	178.40	A	M	R	T	
A. ingens subzone a	18H-4, 79-80	179.90	A	M	R	T	
	18H-5, 79-80	181.40	A	G-M	R	T	
	18H-6, 79-80	182.90	A	G-M	R	T	
	18H-7, 29-30	183.90	A	G-M	R	T	
	19H-2, 79-80	189.20	A	G-M	R	T	
	19H-4, 79-80	195.20	A	M	R	T	
	20H-1, 79-80	199.16	A	G-M	T	R	
	20H-3, 79-80	202.16	A	G-M	T	R	
	20H-5, 79-80	205.16	A	M	R	T	
	20H-7, 29-30	207.66	A	G-M	T	R	
P. barbol	21H-2, 79-80	211.66	A	G-M	T	R	
	21H-5, 79-80	216.16	A	G-M	T	R	
	21H-6, 79-80	217.66	A	G	R	T	
	23H-1, 79-80	229.70	A	G-M	T	R	
	23H-3, 79-80	232.70	A	G-M	T	R	
	23H-5, 79-80	235.70	A	G-M	T	R	
	24H-1, 79-80	240.00	A	G-M	R	T	
	24H-3, 79-80	243.00	A	G-M	R	T	
	24H-5, 79-80	246.00	A	G	T	R	
	25H-3, 79-80	253.56	A	G-M	R	T	
T. kolbeli/ F. matuyamae	25H-5, 79-80	256.56	A	G-M	R	T	
	26H-3, 79-80	258.38	A	M	R	T	
	26H-5, 79-80	261.38	A	G-M	R	T	
	26H-6, 79-80	262.88	A	M	R	T	
	28X-1, 79-80	272.45	A	M	R	T	
	28X-4, 79-80	276.95	A	G-M	R	T	
	29X-1, 79-80	282.15	A	M	R	T	
	29X-2, 29-30	284.65	A	M	R	T	
	30H-1, 79-80	291.85	A	M	R	T	
	30H-3, 21-22	294.07	A	G-M	R	T	
T. vulnifica	177-118D						
	15H-1, 79-80	295.71	A	G	T	A	
	15H-CC, 0-5	296.31	A	G	R	A	
	16H-CC, 0-5	304.42	A	M	A	A	
	17H-CC, 0-10	314.35	A	G-M	A	A	
	18H-CC, 0-2	323.42	A	G-M	A	A	
	21X-CC, 0-1	344.92	A	G	R	D	
	22H-1, 86-87	355.38	A	G	R	D	
	22H-CC, 0-5	355.67	A	G-M	A	A	
	27X-1, 79-80	394.11	A	M	A	A	
F. interfrigidaria	27X-CC, 9-14	399.29	A	M	A	A	
	27X-3, 79-80	397.11	A	G-M	A	A	
	27X-4, 79-80	398.61	A	G-M	A	A	
	28X-1, 79-80	403.71	A	G-M	A	A	
	28X-CC, 8-15	404.70	A	G-M	A	A	
	30X-1, 85-86	422.67	A	M	A	A	
	30X-CC, 13-18	423.92	A	M	T	F	
	32X-CC, 20-24	441.22	A	G-M	A	A	
	33X-1, 79-80	451.41	A	M	T	D	
	33X-2, 79-80	452.91	A	G-M	T	D	
F. interfrigidaria	33X-3, 79-80	454.41	A	M	C	C	
	33X-4, 79-80	455.91	A	M-P	C	C	
	33X-6, 79-80	458.91	A	G-M	T	A	
	34X-1, 79-80	461.01	A	M-P	T	A	
	34X-2, 79-80	462.51	A	G-M	T	A	
	34X-3, 79-80	464.01	A	G-M	T	A	
	34X-5, 29-30	466.51	A	M	T	A	
	35X-1, 79-80	470.61	A	M	T	C	
	35X-3, 79-80	473.61	A	M	T	C	
	35X-5, 79-80	476.61	A	M	T	C	
F. interfrigidaria	35X-7, 29-30	478.71	A	G-M	R	R	
	36X-1, 79-80	480.01	A	M	R	R	
	36X-3, 79-80	483.01	A	M	R	R	
	36X-5, 79-80	486.01	A	M	R	R	
	36X-7, 29-30	488.51	A	G-M	R	R	
	37X-2, 79-80	491.11	A	M	R	R	
	37X-3, 79-80	492.61	A	M	R	R	
	37X-4, 79-80	494.11	A	M	T	R	
	37X-6, 79-80	497.11	A	G-M	R	R	
	38X-1, 79-80	499.21	C	M	R	R	
T. insigna/ F. weaveri	38X-2, 79-80	500.71	A	M	R	R	
	38X-3, 79-80	502.21	A	G-M	R	R	
	38X-4, 79-80	503.71	A	C	M	R	
	38X-5, 79-80	505.21	A	C	M-P	R	
	38X-CC, 49-53	506.18	A	G-M	R	T	
	39X-1, 79-80	508.71	A	G-M	R	T	
	39X-3, 79-80	511.71	A	M	R	T	
	39X-5, 79-80	514.71	A	M	R	T	
	40X-1, 79-80	518.31	A	M	R	T	
	40X-3, 79-80	521.31	A	G	R	T	
F. interfrigidaria	40X-CC, 9-10	521.51	A	M	T	R	
	41X-1, 79-80	528.01	A	M	R	R	
	41X-CC, 26-31	528.61	A	M	R	R	
	44X-1, 17-18	556.29	A	M	T	R	
	44X-CC, 20-25	557.23	A	M	R	R	
	45X-1, 79-80	566.61	A	M-P	R	R	
	45X-3, 79-80	569.61	A	M-P	R	R	
	45X-4, 79-80	571.11	A	M	R	R	
	46X-1, 38-39	575.80	A	M	T	R	
	46X-2, 78-79	577.70	A	M	R	R	
F. interfrigidaria	46X-CC, 11-16	578.43	A	M	R	R	
	47X-CC, 0-10	585.32	A	M	R	R	
	47X-CC, 0-10	585.32	A	M	R	R	

Notes: Abundance: D = dominant, A = abundant, C = common, F = few, R = rare, T = trace, X = present. Preservation: G = good, M = moderate, P = Poor.

Table T5. Stratigraphic occurrence and relative abundance of diatom taxa from the Pliocene and Pleistocene, Site 1093. (Continued on next 23 pages.)

Diatom zone	Core, section, interval (cm)	Depth (mcd)	Diatom abundance, uncleaned slide	Diatom preservation	<i>Actinocyclus actinochilus</i> <i>Actinocyclus curvatus</i> <i>Actinocyclus</i> aff. <i>dimorphus</i> <i>Actinocyclus fasciculatus</i> <i>Actinocyclus ingens</i> <i>Actinocyclus karstenii</i> <i>Actinocyclus karstenii</i> var. 1 <i>Actinocyclus maccollumii</i> <i>Actinocyclus</i> sp. cf. <i>actinochilus</i> , early form sensu Harwood & Maruyama (1992) <i>Actinocyclus</i> sp. A <i>Actinocyclus</i> sp. B <i>Actinocyclus</i> sp. E <i>Actinocyclus</i> sp. F <i>Actinocyclus</i> sp. I <i>Alveus marinus</i>		
<i>T. lentiginosa</i> / <i>F. kerguelensis</i> subzone b	177-1093A- 1H-1, 79–80	0.79	A	G	T		
	1H-3, 79–80	3.79	A	G	T		
	1H-5, 79–80	6.79	A	G	R		
	2H-1, 79–80	9.47	A	M	R T		
	2H-3, 79–80	12.47	A	G–M	R		
	2H-5, 79–80	15.47	A	G	R R		
	2H-7, 29–30	17.97	A	M	R T	T	
	3H-2, 79–80	21.67	A	G	R R	T	
	3H-4, 79–80	24.67	A	A	G	R	
	3H-6, 79–80	27.67	A	A	G	T R	
4H-1, 79–80	32.27	A	A	G–M	R		
<i>T. lentiginosa</i> / <i>F. kerguelensis</i> subzone a	4H-3, 79–80	35.27	A	G	R	T	
	4H-5, 79–80	38.27	A	M	F T		
	5H-1, 79–80	41.15	A	G	T		
	5H-3, 79–80	44.15	A	M	R T		
	5H-5, 79–80	47.15	A	G–M	R	T	
	5H-6, 79–80	48.65	A	G	R		
	6H-1, 79–80	52.63	A	G	T R		
	6H-3, 79–80	55.63	A	G	R	T	
	6H-5, 79–80	58.63	A	G	R	T	
	7H-1, 79–80	63.15	A	A	G	R	T
	7H-3, 79–80	66.02	A	A	M	R R	
	7H-5, 79–80	69.02	A	A	G–M	R R	
	7H-7, 29–30	71.47	A	A	G	R	R
	8H-1, 79–80	73.82	A	A	G		T
	8H-3, 79–80	76.82	A	A	M	R T	
	8H-5, 79–80	79.82	A	A	M	R	
9H-2, 79–80	84.96	A	A	G	R T	T	
9H-4, 79–80	87.96	A	A	G	R	T	
9H-6, 79–80	90.96	A	A	G	R		
<i>R. constricta</i> subzone b	10H-1, 79–80	94.42	A	G	R R		
	10H-3, 79–80	97.32	A	G	T	T	
	10H-5, 79–80	100.32	A	A	G	T R	T
	11H-1, 61–62	104.96	A	A	G–M	T R	T
	11H-3, 79–80	108.14	A	A	G–M	F R	
	11H-5, 79–80	111.14	A	A	M	T	T
	11H-7, 29–30	113.64	A	A	G	R R	T
	12H-2, 79–80	117.42	A	A	G–M	R	
	12H-4, 79–80	120.42	A	A	G	R	T
	12H-6, 79–80	123.42	A	A	M	T	







Table T5 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassiosira elliptipora</i> var. A <i>Thalassiosira fasciculata</i> <i>Thalassiosira frenguillopsis/frenguelli</i> group <i>Thalassiosira gracilis</i> <i>Thalassiosira gracilis</i> var. <i>expecta</i>	<i>Thalassiosira gravida</i> <i>Thalassiosira insigna</i> <i>Thalassiosira inura</i> Transition <i>Thalassiosira insigna</i> / <i>T. inura</i> <i>Thalassiosira kolbeli</i> (flat type)	<i>Thalassiosira kolbeli</i> (convex type) <i>Thalassiosira lentiginosa</i> <i>Thalassiosira lentiginosa</i> var. 1 <i>Thalassiosira lentiginosa</i> var. 2 <i>Thalassiosira lentiginosa</i> var. <i>obovatus</i>	<i>Thalassiosira leptopus</i> <i>Thalassiosira lineata</i> <i>Thalassiosira oestrupii</i> <i>Thalassiosira oestrupii</i> var. <i>venrickae</i> <i>Thalassiosira oliverana</i> var. 1	<i>Thalassiosira oliverana</i> var. 2 <i>Thalassiosira oliverana</i> var. 3 <i>Thalassiosira oliverana</i> var. 4 <i>Thalassiosira oliverana</i> var. <i>sparsa</i> <i>Thalassiosira</i> cf. <i>symmetrica</i>	<i>Thalassiosira tetraoestrupii</i> var. <i>reimeri</i> <i>Thalassiosira torokina</i> <i>Thalassiosira trifulta</i> <i>Thalassiosira tumida</i> <i>Thalassiosira vulnifica</i>
<i>T. lentiginosa</i> / <i>F. kerguelensis</i> subzone b	177-1093A- 1H-1, 79–80	T F		C			T
	1H-3, 79–80	F		C		R	T
	1H-5, 79–80	R		C			T
	2H-1, 79–80			C			
	2H-3, 79–80	R	R	C		T R	
	2H-5, 79–80	R		C		T T	T
	2H-7, 29–30	R		C		R R	T T
	3H-2, 79–80	R	R	C		T	T
	3H-4, 79–80	R T	R	C		R	R T
	3H-6, 79–80	T R	T	C		R	R
4H-1, 79–80	R		C		R	R	
<i>T. lentiginosa</i> / <i>F. kerguelensis</i> subzone a	4H-3, 79–80	R R		C		R	R R
	4H-5, 79–80			C		R	R
	5H-1, 79–80	T T		C		R	R R
	5H-3, 79–80	R R	T	C		R	R
	5H-5, 79–80	R R		C		F R	T
	5H-6, 79–80	R		C		T	R
	6H-1, 79–80	T R	R	C		F T	R R
	6H-3, 79–80	R		C T		F T	R
	6H-5, 79–80	R		C		F T	R T
	7H-1, 79–80	R T		C		C T	R
	7H-3, 79–80		T	C		T T	R
	7H-5, 79–80	R		C		R	R R
	7H-7, 29–30	R		C		R	R
	8H-1, 79–80	T R	T	C		F	R
	8H-3, 79–80	R		C			R R
	8H-5, 79–80	R R		F T		R	R T
	9H-2, 79–80	R	T	C		T	R R
	9H-4, 79–80	T R		F			R
9H-6, 79–80	R		C			R R	
<i>R. constricta</i> subzone b	10H-1, 79–80	T R		C		T	R
	10H-3, 79–80	R		F		R	R
	10H-5, 79–80	T R		C		T	T
	11H-1, 61–62	R T		C		R	T F
	11H-3, 79–80	R		F		T	R R
	11H-5, 79–80	T		F			T
	11H-7, 29–30	R T	R	C T		R	R
	12H-2, 79–80	R	R	F			R
	12H-4, 79–80	F	T	C T			R
	12H-6, 79–80	R		C		R	R

Table T5 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassiosira</i> sp. E	<i>Thalassiothrix antarctica-longissima</i> group	<i>Thalassiothrix</i> sp. A	<i>Trichotoxon reinboldii</i>
<i>T. lentiginosa</i> / <i>F. kerguelensis</i> subzone b	177-1093A-				
	1H-1, 79–80	R			
	1H-3, 79–80	F			
	1H-5, 79–80	R			
	2H-1, 79–80	R			
	2H-3, 79–80	R			
	2H-5, 79–80	R			
	2H-7, 29–30	R			
	3H-2, 79–80	R			
	3H-4, 79–80	T R			T
3H-6, 79–80	R				
4H-1, 79–80	R				
<i>T. lentiginosa</i> / <i>F. kerguelensis</i> subzone a	4H-3, 79–80	R			
	4H-5, 79–80	R			
	5H-1, 79–80	R			
	5H-3, 79–80	R R			
	5H-5, 79–80	F			R
	5H-6, 79–80	R			
	6H-1, 79–80	T F			R
	6H-3, 79–80	F			
	6H-5, 79–80	F			R
	7H-1, 79–80	F			
	7H-3, 79–80	T R			
	7H-5, 79–80	R			
	7H-7, 29–30	R			
	8H-1, 79–80	R			R
	8H-3, 79–80	F			
8H-5, 79–80	R			T	
9H-2, 79–80	R				
9H-4, 79–80	R				
9H-6, 79–80	R				
<i>R. constricta</i> subzone b	10H-1, 79–80	T R			
	10H-3, 79–80	T R			
	10H-5, 79–80	R			
	11H-1, 61–62	R			
	11H-3, 79–80	R R			
	11H-5, 79–80	R			
	11H-7, 29–30	R R			
	12H-2, 79–80	R			
	12H-4, 79–80	T R			
12H-6, 79–80	R				

Table T5 (continued).

Diatom zone	Core, section, interval (cm)	Depth (mcd)	Diatom abundance, uncleaned slide	Diatom preservation	<i>Actinocyclus actinochilus</i> <i>Actinocyclus curvatus</i> <i>Actinocyclus</i> aff. <i>dimorphus</i> <i>Actinocyclus fasciculatus</i> <i>Actinocyclus ingens</i> <i>Actinocyclus karstenii</i> <i>Actinocyclus karstenii</i> var. 1 <i>Actinocyclus maccollumii</i> <i>Actinocyclus</i> sp. cf. <i>actinochilus</i> , early form sensu Harwood & Maruyama (1992) <i>Actinocyclus</i> sp. A <i>Actinocyclus</i> sp. B <i>Actinocyclus</i> sp. E <i>Actinocyclus</i> sp. F <i>Actinocyclus</i> sp. I <i>Alveus marinus</i>		
<i>R. constricta</i> subzone a	13H-2, 79–80	126.96	A	G–M		R	
	13H-4, 79–80	129.96	A	G	T	R	
	13H-6, 79–80	132.96	A	M–P	F		
	14H-1, 79–80	135.72	A	M	F	T	
	14H-4, 79–80	140.22	A	M	R	T	
	14H-6, 79–80	143.22	A	G–M		R	
	15H-2, 79–80	146.64	A	G		T	R
	15H-4, 79–80	149.64	A	G		R	
	15H-6, 79–80	152.64	A	G–M	T	R	
	16H-1, 79–80	155.48	A	G	T	R	
	16H-3, 79–80	158.48	A	G		R	
	16H-5, 79–80	161.48	A	G	T	R	
	17H-2, 79–80	166.22	A	G		R	
	17H-4, 79–80	169.22	A	G–M	T	R	
	17H-6, 79–80	172.22	A	G	T	R	
	17H-7, 29–30	173.22	A	G	T	R	
	18H-1, 79–80	175.40	A	G		R	T
<i>A. ingens</i> subzone c	18H-2, 79–80	176.90	A	G–M	R	F	
	18H-3, 79–80	178.40	A	M	R	R	
	18H-4, 79–80	179.90	A	G–M		R	
	18H-5, 79–80	181.40	A	G–M		F	
	18H-6, 79–80	182.90	A	G–M		F	
	18H-7, 29–30	183.90	A	G–M		R	R
	19H-2, 79–80	189.20	A	G–M	R	C	
	19H-6, 79–80	195.20	A	M		F	R
	20H-1, 79–80	199.16	A	G–M	T	C	
	20H-3, 79–80	202.16	A	G–M		C	
	20H-5, 79–80	205.16	A	M		F	
	20H-7, 29–30	207.66	A	G–M	T	C	
	21H-2, 79–80	211.66	A	G–M		F	
	21H-5, 79–80	216.16	A	G–M		F	
	21H-6, 79–80	217.66	A	G		A	
	23H-1, 79–80	229.70	A	G–M	T	F	
	23H-3, 79–80	232.70	A	G–M	T	F	
	23H-5, 79–80	235.70	A	G–M	T	C	
	24H-1, 79–80	240.00	A	G–M	R	C	
	24H-3, 79–80	243.00	A	G–M		C	
24H-5, 79–80	246.00	A	G	T	T	A	







Table T5 (continued).

Diatom zone	Core, section, interval (cm)	<i>Rhizosolenia bergonii</i> <i>Rhizosolenia hebetata</i> f. <i>hebetata</i> <i>Rhizosolenia hebetata</i> f. <i>semispina</i> <i>Rhizosolenia polydactyla</i> f. <i>polydactyla</i> <i>Rhizosolenia</i> sp. cf. <i>styliformis</i> (big form)	<i>Rhizosolenia</i> sp. B <i>Rhizosolenia</i> sp. C <i>Rhizosolenia</i> sp. D (Harwood and Maruyama, 1992) <i>Rouxia antarctica</i> <i>Rouxia</i> cf. <i>californica</i>	<i>Rouxia constricta</i> <i>Rouxia heteropolara</i> <i>Rouxia isopolica</i> <i>Rouxia leventerae</i> <i>Rouxia naviculoides</i>	<i>Stellarima microtrias</i> <i>Stephanopyxis turris</i> group <i>Thalassionema nitzschioides</i> <i>Thalassionema nitzschioides</i> f. 1 <i>Thalassionema nitzschioides</i> var. cf. <i>antiqua</i>	<i>Thalassionema nitzschioides</i> var. <i>capitulata</i> <i>Thalassionema nitzschioides</i> var. <i>inflata</i> <i>Thalassionema nitzschioides</i> var. <i>lanceolata</i> <i>Thalassionema nitzschioides</i> var. <i>parva</i> <i>Thalassiosira antarctica</i>	<i>Thalassiosira complicata</i> <i>Thalassiosira convexa</i> <i>Thalassiosira convexa</i> var. <i>aspinosa</i> <i>Thalassiosira</i> cf. <i>eccentrica</i> <i>Thalassiosira elliptipora</i>	
<i>R. constricta</i> subzone a	13H-2, 79–80			R	T		R	
	13H-4, 79–80	T	T	T				T
	13H-6, 79–80					R		
	14H-1, 79–80			R	R	R		
	14H-4, 79–80	T		C	R			
	14H-6, 79–80			F	F			
	15H-2, 79–80			F		T		
	15H-4, 79–80		T	F	R			
	15H-6, 79–80	T		F		T		
	16H-1, 79–80			C		T		T
	16H-3, 79–80			F			R	
	16H-5, 79–80			F		T		
	17H-2, 79–80			F				
	17H-4, 79–80	T		F		R		
	17H-6, 79–80	R						
	17H-7, 29–30					R		
	18H-1, 79–80	T				T		
<i>A. ingens</i> subzone c	18H-2, 79–80	T		R				R
	18H-3, 79–80	R		R	R			T
	18H-4, 79–80	T		R	R			T
	18H-5, 79–80	R		R	T			T
	18H-6, 79–80	R		T				
	18H-7, 29–30	T						
	19H-2, 79–80				T	T		
	19H-6, 79–80	T		C				T
	20H-1, 79–80			R				
	20H-3, 79–80			F				T
	20H-5, 79–80	T		R	R			T
	20H-7, 29–30			R				T
	21H-2, 79–80			F				
	21H-5, 79–80			F				R
	21H-6, 79–80			R		T		F
	23H-1, 79–80	T		C	T			F
	23H-3, 79–80			C		R		C
23H-5, 79–80	T		F		T		F	
24H-1, 79–80	T T		F		T		F	
24H-3, 79–80		T	F				F	
24H-5, 79–80	T		F				F	

Table T5 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassiosira elliptipora</i> var. A <i>Thalassiosira fasciculata</i> <i>Thalassiosira frenguelliopsis/frenguelli</i> group <i>Thalassiosira gracilis</i> <i>Thalassiosira gracilis</i> var. <i>expecta</i>	<i>Thalassiosira gravida</i> <i>Thalassiosira insigna</i> <i>Thalassiosira inura</i> Transition <i>Thalassiosira insigna</i> / <i>T. inura</i> <i>Thalassiosira kolbeli</i> (flat type)	<i>Thalassiosira kolbeli</i> (convex type) <i>Thalassiosira lentiginosa</i> <i>Thalassiosira lentiginosa</i> var. 1 <i>Thalassiosira lentiginosa</i> var. 2 <i>Thalassiosira lentiginosa</i> var. <i>obovatus</i>	<i>Thalassiosira leptopus</i> <i>Thalassiosira lineata</i> <i>Thalassiosira oestrupii</i> <i>Thalassiosira oestrupii</i> var. <i>venrickae</i> <i>Thalassiosira oliverana</i> var. 1	<i>Thalassiosira oliverana</i> var. 2 <i>Thalassiosira oliverana</i> var. 3 <i>Thalassiosira oliverana</i> var. 4 <i>Thalassiosira oliverana</i> var. <i>sparsa</i> <i>Thalassiosira</i> cf. <i>symmetrica</i>	<i>Thalassiosira tetraoestrupii</i> var. <i>reimeri</i> <i>Thalassiosira torokina</i> <i>Thalassiosira trifulta</i> <i>Thalassiosira tumida</i> <i>Thalassiosira vulnifica</i>
<i>R. constricta</i> subzone a	13H-2, 79–80			C			R T
	13H-4, 79–80			C			R
	13H-6, 79–80	T	R	F			R
	14H-1, 79–80		R	T	C		R T
	14H-4, 79–80		R	R	F		R
	14H-6, 79–80		R		C		R R
	15H-2, 79–80		R		C T		R R R
	15H-4, 79–80		R	T	C		R T R
	15H-6, 79–80		R T		C		R R
	16H-1, 79–80		R		C		R R
	16H-3, 79–80				C		R R
	16H-5, 79–80		R	T	C		R R R
	17H-2, 79–80		R		F		R T R
	17H-4, 79–80		R		C		R R
	17H-6, 79–80		R		F	R	R T R
	17H-7, 29–30		F T	T	F		T
	18H-1, 79–80		R		C T		R R R
	<i>A. ingens</i> subzone c	18H-2, 79–80			C T T		
18H-3, 79–80				C R			R R R
18H-4, 79–80				F			R R R
18H-5, 79–80				C			R R
18H-6, 79–80				F	R		R R R
18H-7, 29–30				C			R R
19H-2, 79–80				F			R F
19H-6, 79–80			T	T	C		R R R
20H-1, 79–80			R		C		R R
20H-3, 79–80			R		C		R R
20H-5, 79–80					C		T T
20H-7, 29–30					C		R R R
21H-2, 79–80			R		F		R R
21H-5, 79–80			T	R	F		T R
21H-6, 79–80			R		C		R R F
23H-1, 79–80			R	R	F		R R R
23H-3, 79–80			F		F		T T
23H-5, 79–80			T	R	C		T R F
24H-1, 79–80			R	R	F		T R R
24H-3, 79–80			F	R	C		R
24H-5, 79–80		R	R	C		R R F	

Table T5 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassiosira</i> sp. E <i>Thalassiothrix antarctica-longissima</i> group <i>Thalassiothrix</i> sp. A <i>Trichotoxon reinboldii</i>
<i>R. constricta</i> subzone a	13H-2, 79–80	F R
	13H-4, 79–80	R R
	13H-6, 79–80	R R
	14H-1, 79–80	R R
	14H-4, 79–80	R
	14H-6, 79–80	T R
	15H-2, 79–80	T R
	15H-4, 79–80	R
	15H-6, 79–80	R
	16H-1, 79–80	R
	16H-3, 79–80	R
	16H-5, 79–80	R
	17H-2, 79–80	R
	17H-4, 79–80	R
	17H-6, 79–80	R
17H-7, 29–30	R	
18H-1, 79–80	R	
<i>A. ingens</i> subzone c	18H-2, 79–80	R
	18H-3, 79–80	R
	18H-4, 79–80	T R
	18H-5, 79–80	R
	18H-6, 79–80	R
	18H-7, 29–30	T R
	19H-2, 79–80	T R
	19H-6, 79–80	R
	20H-1, 79–80	R
	20H-3, 79–80	F R
	20H-5, 79–80	R
	20H-7, 29–30	R
	21H-2, 79–80	R
	21H-5, 79–80	T F
	21H-6, 79–80	R
	23H-1, 79–80	R R
	23H-3, 79–80	F R
23H-5, 79–80	R	
24H-1, 79–80	R R	
24H-3, 79–80	F R	
24H-5, 79–80	R	









Table T5 (continued).

Diatom zone	Core, section, interval (cm)	<i>Rhizosolenia bergonii</i> <i>Rhizosolenia hebetata</i> f. <i>hebetata</i> <i>Rhizosolenia hebetata</i> f. <i>semispina</i> <i>Rhizosolenia polydactyla</i> f. <i>polydactyla</i> <i>Rhizosolenia</i> sp. cf. <i>styliformis</i> (big form)	<i>Rhizosolenia</i> sp. B <i>Rhizosolenia</i> sp. C <i>Rhizosolenia</i> sp. D (Harwood and Maruyama, 1992) <i>Rouxia antarctica</i> <i>Rouxia</i> cf. <i>californica</i>	<i>Rouxia constricta</i> <i>Rouxia heteropolara</i> <i>Rouxia isopolica</i> <i>Rouxia leventerae</i> <i>Rouxia naviculoides</i>	<i>Stellarima microtrias</i> <i>Stephanopyxis turris</i> group <i>Thalassionema nitzschioides</i> <i>Thalassionema nitzschioides</i> f. 1 <i>Thalassionema nitzschioides</i> var. cf. <i>antiqua</i>	<i>Thalassionema nitzschioides</i> var. <i>capitulata</i> <i>Thalassionema nitzschioides</i> var. <i>inflata</i> <i>Thalassionema nitzschioides</i> var. <i>lanceolata</i> <i>Thalassionema nitzschioides</i> var. <i>parva</i> <i>Thalassiosira antarctica</i>	<i>Thalassiosira complicata</i> <i>Thalassiosira convexa</i> <i>Thalassiosira convexa</i> var. <i>aspinosa</i> <i>Thalassiosira</i> cf. <i>eccentrica</i> <i>Thalassiosira elliptipora</i>
<i>A. ingens</i> subzone b	25H-3, 79–80			F			
	25H-5, 79–80	R T	R	R	R		R
	26H-3, 79–80	R		R		T	R
	26H-5, 79–80			F			T
	26H-6, 79–80	T		R			R
	28X-1, 79–80	R	T	R	R		T
	28X-4, 79–80	T		R	R		T
	29X-1, 79–80	T T		R	R		T
	29X-3, 29–30	R T		T	T		T
	30H-1, 79–80			F	F		
	30H-3, 21–22	T		R	R	R	
	177-118D-						
	15H-1, 79–80	T T		R	R		T
	15H-CC, 0–5	T		R	R		
16H-CC, 0–5		T		R			
17H-CC, 0–10							
18H-CC, 0–2				R			
<i>A. ingens</i> subzone a	21X-CC, 0–1			T			
	22H-1, 86–87	R				T	T
	22H-CC, 0–5	T T					T
	27X-1, 79–80	T R		T			
	27X-CC, 9–14	R		R			
	27X-3, 79–80	R		R			
	27X-4, 79–80	T T		R	T		
	28X-1, 79–80	T		R			
	28X-CC, 5–15	R		R		T	
	30X-1, 85–86	T				F	
	30X-CC, 13–18	T T				C	R
32X-CC, 20–24	R		R		A		
					F		
<i>P. barboi</i>	33X-1, 79–80	T T			R		
	33X-2, 79–80				R		
	33X-3, 79–80		R		R		T
	33X-4, 79–80				T		
	33X-6, 79–80	T		R		R	

Table T5 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassiosira elliptipora</i> var. A <i>Thalassiosira fasciculata</i> <i>Thalassiosira frenguillopsis/frenguelli</i> group <i>Thalassiosira gracilis</i> <i>Thalassiosira gracilis</i> var. <i>expecta</i> <i>Thalassiosira gravida</i> <i>Thalassiosira insigna</i> <i>Thalassiosira inura</i> Transition <i>Thalassiosira insigna</i> / <i>T. inura</i> <i>Thalassiosira kolbeli</i> (flat type) <i>Thalassiosira kolbeli</i> (convex type) <i>Thalassiosira lentiginosa</i> <i>Thalassiosira lentiginosa</i> var. 1 <i>Thalassiosira lentiginosa</i> var. 2 <i>Thalassiosira lentiginosa</i> var. <i>obovatus</i> <i>Thalassiosira leptopus</i> <i>Thalassiosira lineata</i> <i>Thalassiosira oestrupii</i> <i>Thalassiosira oestrupii</i> var. <i>venrickae</i> <i>Thalassiosira oliverana</i> var. 1 <i>Thalassiosira oliverana</i> var. 2 <i>Thalassiosira oliverana</i> var. 3 <i>Thalassiosira oliverana</i> var. 4 <i>Thalassiosira oliverana</i> var. <i>sparsa</i> <i>Thalassiosira</i> cf. <i>symmetrica</i> <i>Thalassiosira tetraoestrupii</i> var. <i>reimeri</i> <i>Thalassiosira torokina</i> <i>Thalassiosira trifulta</i> <i>Thalassiosira tumida</i> <i>Thalassiosira vulnifica</i>					
<i>A. ingens</i> subzone b	25H-3, 79–80	R R R		F		T R	
	25H-5, 79–80	R R		C		T T	
	26H-3, 79–80			F		R	T
	26H-5, 79–80	T T R		F	T	R	
	26H-6, 79–80	R R R		F			
	28X-1, 79–80	R R R		C T			
	28X-4, 79–80	R R R		C		R R F	
	29X-1, 79–80	R R R		C		R R R	
	29X-3, 29–30	R R		C		R R	
	30H-1, 79–80	R R T		F		R R	
	30H-3, 21–22	R T R		C		R R	
	177-118D-						
	15H-1, 79–80	R R		F		T R R	
	15H-CC, 0–5	T R R		F		R F	
16H-CC, 0–5	R R		F		R R		
17H-CC, 0–10	F		F		R R F	T	
18H-CC, 0–2	R R		F		T R R		
<i>A. ingens</i> subzone a	21X-CC, 0–1	R R		F		R R R	T
	22H-1, 86–87	T T R		F T		R	R
	22H-CC, 0–5	R T		R	R	R	T
	27X-1, 79–80	R R		C		R F	F
	27X-CC, 9–14	T R		C	T R	C	R
	27X-3, 79–80	R R		C		R F	R
	27X-4, 79–80	R R		C		T F	R
	28X-1, 79–80	R R		C		R F	R
	28X-CC, 5–15	R R		F		R F	R
	30X-1, 85–86	R R		F		T F	R
	30X-CC, 13–18	T R R		F	T	F	R
	32X-CC, 20–24	F		F T		R R	R
<i>P. barboi</i>	33X-1, 79–80	R R R	T	F	T R	R R F T	F T
	33X-2, 79–80	R R		F		R R	T
	33X-3, 79–80	R R		C		R F	R
	33X-4, 79–80	R		F	T	F	F
	33X-6, 79–80	R T	T	F	T	R	F

Table T5 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassiosira</i> sp. E	<i>Thalassiothrix antarctica-longissima</i> group	<i>Thalassiothrix</i> sp. A	<i>Trichotoxon reinboldii</i>
<i>A. ingens</i> subzone b	25H-3, 79–80		F		R
	25H-5, 79–80	R	C		
	26H-3, 79–80		F		
	26H-5, 79–80		R		T
	26H-6, 79–80		F		T
	28X-1, 79–80		R		R
	28X-4, 79–80		F		T
	29X-1, 79–80		F		
	29X-3, 29–30		F		
	30H-1, 79–80		F		
	30H-3, 21–22		F		R
	177-118D-				
	15H-1, 79–80		F		R
	15H-CC, 0–5		C		R
16H-CC, 0–5		F			
17H-CC, 0–10	T	F		R	
18H-CC, 0–2		F			
<i>A. ingens</i> subzone a	21X-CC, 0–1		F		
	22H-1, 86–87	R	R		R
	22H-CC, 0–5	R	R		T
	27X-1, 79–80		R		R
	27X-CC, 9–14		R		R
	27X-3, 79–80		R		R
	27X-4, 79–80		R		R
	28X-1, 79–80		R		R
	28X-CC, 5–15		R		
	30X-1, 85–86		R		
	30X-CC, 13–18		R		R
32X-CC, 20–24		R		R	
<i>P. barboi</i>	33X-1, 79–80		R		R
	33X-2, 79–80	R	R		R
	33X-3, 79–80		F		R
	33X-4, 79–80		R		F
	33X-6, 79–80		R		R

Table T5 (continued).

Diatom zone	Core, section, interval (cm)	Depth (mcd)	Diatom abundance, uncleaned slide	Diatom preservation	<i>Actinocyclus actinochilus</i>	<i>Actinocyclus curvatus</i>	<i>Actinocyclus</i> aff. <i>dimorphus</i>	<i>Actinocyclus fasciculatus</i>	<i>Actinocyclus ingens</i>	<i>Actinocyclus karstenii</i>	<i>Actinocyclus karstenii</i> var. 1	<i>Actinocyclus maccollumii</i>	<i>Actinocyclus</i> sp. cf. <i>actinochilus</i> , early form sensu Harwood & Maruyama (1992)	<i>Actinocyclus</i> sp. A	<i>Actinocyclus</i> sp. B	<i>Actinocyclus</i> sp. E	<i>Actinocyclus</i> sp. F	<i>Actinocyclus</i> sp. I	<i>Alveus marinus</i>
<i>T. kolbei</i> / <i>F. matuyamae</i>	34X-1, 79–80	461.01	A	M–P															
	34X-2, 79–80	462.51	A	G–M															
	34X-3, 79–80	464.01	A	G–M	T														
	34X-5, 29–30	466.51	A	M															
	35X-1, 79–80	470.61	A	M		T													
	35X-3, 79–80	473.61	A	M															
	35X-5, 79–80	476.61	A	M															
	35X-7, 29–30	478.71	A	G–M		R		R	A	R									
	36X-1, 79–80	480.01	A	M		R		F	C										
	36X-3, 79–80	483.01	A	M		R	T	T	F	R						R			
	36X-5, 79–80	486.01	A	M					C								R		
	36X-7, 29–30	488.51	A	G–M		R	R	T	C	T						T		R	
	37X-2, 79–80	491.11	A	M					F							F			
<i>T. vulnifica</i>	37X-3, 79–80	492.61	A	M		R	R	R	F										
	37X-4, 79–80	494.11	A	M		T	R	T	R	T									
	37X-6, 79–80	497.11	A	M				R	R	F									
	38X-1, 79–80	499.21	C	G–M		R		R	R	R									
	38X-2, 79–80	500.71	A	M				R	C	C	T	R							
	38X-3, 79–80	502.21	C	G–M		R	R	R	C	R	T	C							
	38X-4, 79–80	503.71	C	M		R		R	F	F		F							
	38X-5, 79–80	505.21	C	M–P		F		R		R									
<i>T. insigna</i> / <i>F. weaveri</i>	38X-CC, 48–53	506.18	A	G–M			T	R	F		F				R	T			
	39X-1, 79–80	508.71	A	G–M		R	T	R	R		R								
	39X-3, 79–80	511.71	A	M				T	R	R	T	T							
	39X-5, 79–80	514.71	A	M					R										
	40X-1, 79–80	518.31	C	M					R	R	R								
	40X-3, 79–80	521.31	A	G					R									T	
	40X-CC, 9–10	521.51	A	M					R									F	
	41X-1, 79–80	528.01	A	M		T			F	R	R								
	41X-CC, 26–31	528.61	A	M		R			R										
	44X-1, 17–18	556.29	A	M			T	R	R				T						
	44X-CC, 20–25	557.23	A	M		R			T	R									
	45X-1, 79–80	566.61	A	M–P					R		R								
	45X-3, 79–80	569.61	A	M–P					R										
<i>F. interfrigidaria</i>	45X-4, 79–80	571.11	A	M															
	46X-1, 38–39	575.80	A	M		T			R										
	46X-2, 78–79	577.70	A	M		R		T	R									T	
	46X-CC, 11–16	578.43	A	M															
	47X-CC, 0–10	585.32	A	M						R									

Notes: Abundance: D = dominant, A = abundant, C = common, F = few, R = rare, T = trace, X = present. Preservation: G = good, M = moderate, P = Poor.





Table T5 (continued).

Diatom zone	Core, section, interval (cm)	<i>Rhizosolenia bergonii</i> <i>Rhizosolenia hebetata</i> f. <i>hebetata</i> <i>Rhizosolenia hebetata</i> f. <i>semispina</i> <i>Rhizosolenia polydactyla</i> f. <i>polydactyla</i> <i>Rhizosolenia</i> sp. cf. <i>styliformis</i> (big form)	<i>Rhizosolenia</i> sp. B <i>Rhizosolenia</i> sp. C <i>Rhizosolenia</i> sp. D (Hanwood and Maruyama, 1992) <i>Rouxia antarctica</i> <i>Rouxia</i> cf. <i>californica</i>	<i>Rouxia constricta</i> <i>Rouxia heteropolara</i> <i>Rouxia isopolica</i> <i>Rouxia leventerae</i> <i>Rouxia naviculoides</i>	<i>Stellarima microtrias</i> <i>Stephanopyxis turris</i> group <i>Thalassionema nitzschioides</i> <i>Thalassionema nitzschioides</i> f. 1 <i>Thalassionema nitzschioides</i> var. cf. <i>antiqua</i>	<i>Thalassionema nitzschioides</i> var. <i>capitulata</i> <i>Thalassionema nitzschioides</i> var. <i>inflata</i> <i>Thalassionema nitzschioides</i> var. <i>lanceolata</i> <i>Thalassionema nitzschioides</i> var. <i>parva</i> <i>Thalassiosira antarctica</i>	<i>Thalassiosira complicata</i> <i>Thalassiosira convexa</i> <i>Thalassiosira convexa</i> var. <i>aspinosa</i> <i>Thalassiosira</i> cf. <i>eccentrica</i> <i>Thalassiosira elliptipora</i>
<i>T. kolbei</i> / <i>F. matuyamae</i>	34X-1, 79–80			R			
	34X-2, 79–80			R			
	34X-3, 79–80			R			
	34X-5, 29–30			R			
	35X-1, 79–80			R			
	35X-3, 79–80	T	R	R		T	
	35X-5, 79–80		T T	R		T	
	35X-7, 29–30		F	T R		R	
	36X-1, 79–80	R R R	T	R			
	36X-3, 79–80	T R T T		R			
36X-5, 79–80	R						
36X-7, 29–30			F	R			
37X-2, 79–80	R T		F				
<i>T. vulnifica</i>	37X-3, 79–80	T T	R R		R T		
	37X-4, 79–80	R			R		
	37X-6, 79–80		T T R		R R T	T	
	38X-1, 79–80		R				
	38X-2, 79–80			T T			
	38X-3, 79–80	T R		T R			
	38X-4, 79–80		F	R			
38X-5, 79–80			R				
<i>T. insigna</i> / <i>F. weaveri</i>	38X-CC, 48–53		R			T R	
	39X-1, 79–80		R				
	39X-3, 79–80	T		T R			
	39X-5, 79–80	T		R	T		
	40X-1, 79–80		T	F	R		
	40X-3, 79–80						
	40X-CC, 9–10			R		R T R	
	41X-1, 79–80	R R		T T R			
	41X-CC, 26–31						
	44X-1, 17–18	T		R R		F T	
	44X-CC, 20–25	R		T R F	R R	F A T	R T
45X-1, 79–80		T	R F	R R	C A R	F T	
45X-3, 79–80	R T		T F	R T	R R	F R	
<i>F. interfrigidaria</i>	45X-4, 79–80	T F	T R		T F		R T
	46X-1, 38–39	T	F		R R		R T
	46X-2, 78–79	T	C		R R		F T
	46X-CC, 11–16	T	R				R T
	47X-CC, 0–10	T T	R			R T	F

Table T5 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassiosira elliptipora</i> var. A <i>Thalassiosira fasciculata</i> <i>Thalassiosira frenguelliopsis/frenguelli</i> group <i>Thalassiosira gracilis</i> <i>Thalassiosira gracilis</i> var. <i>expecta</i>	<i>Thalassiosira gravida</i> <i>Thalassiosira insigna</i> <i>Thalassiosira inura</i> Transition <i>Thalassiosira insigna</i> / <i>T. inura</i> <i>Thalassiosira kolbei</i> (flat type)	<i>Thalassiosira kolbei</i> (convex type) <i>Thalassiosira lentiginosa</i> <i>Thalassiosira lentiginosa</i> var. 1 <i>Thalassiosira lentiginosa</i> var. 2 <i>Thalassiosira lentiginosa</i> var. <i>obovatus</i>	<i>Thalassiosira leptopus</i> <i>Thalassiosira lineata</i> <i>Thalassiosira oestrupii</i> <i>Thalassiosira oestrupii</i> var. <i>venrickae</i> <i>Thalassiosira oliverana</i> var. 1	<i>Thalassiosira oliverana</i> var. 2 <i>Thalassiosira oliverana</i> var. 3 <i>Thalassiosira oliverana</i> var. 4 <i>Thalassiosira oliverana</i> var. <i>sparsa</i> <i>Thalassiosira</i> cf. <i>symmetrica</i>	<i>Thalassiosira tetraoestrupii</i> var. <i>reimeri</i> <i>Thalassiosira torokina</i> <i>Thalassiosira trifulta</i> <i>Thalassiosira tumida</i> <i>Thalassiosira vulnifica</i>
<i>T. kolbei</i> / <i>F. matuyamae</i>	34X-1, 79–80	R T		F			
	34X-2, 79–80	R R	T R	T F	T	R T R	F C R
	34X-3, 79–80	R		R F		R R	C R
	34X-5, 29–30	R		R R	T R	T R F	F
	35X-1, 79–80	F		R F		R F	F
	35X-3, 79–80	T		R T		R F	F
	35X-5, 79–80	R		R T	T R	F	C T
	35X-7, 29–30			T	C T	R R F	R T
	36X-1, 79–80	F T	T T	T	C R T	F	F
	36X-3, 79–80	R		R F	R C T	R F R	F
	36X-5, 79–80	R	T T	T C	F C	R R F R	F T
	36X-7, 29–30	F	T R	T F	C	T R C R	R
	37X-2, 79–80	R		R C	R A T	R F	R
<i>T. vulnifica</i>	37X-3, 79–80			A	T T	R C	R F
	37X-4, 79–80		R R C	R A T	R	R R C T	T A
	37X-6, 79–80		T C	R F		T T F	T A
	38X-1, 79–80		T	T C		R F C	R F
	38X-2, 79–80	T	T T		F T	T F	C C
	38X-3, 79–80		T		F T	T F T	C
	38X-4, 79–80	T	T R	C T	C T	R C T	A
38X-5, 79–80	R T	T T R	T C	T C	R A	T C	
<i>T. insigna</i> / <i>F. weaveri</i>	38X-CC, 48–53		F T T	C	T	T R C	C
	39X-1, 79–80		F R T	C		T R C	F
	39X-3, 79–80		A F F	R F		R	R F
	39X-5, 79–80	T	C C F F	T C	T R T	R F R	R
	40X-1, 79–80	R	A C C R	R C		F T	R
	40X-3, 79–80		R C F	F	T	T F R	
	40X-CC, 9–10		F C F R	F F	T T R	R A F	R
	41X-1, 79–80		R C F C	F R	R T	T F R	T
	41X-CC, 26–31		C R C	R T		R F R	
	44X-1, 17–18		R R R F	R T		R F R	R
	44X-CC, 20–25		F R F	F	T	F	T
45X-1, 79–80	R	R F R	F		F T		
45X-3, 79–80	T	T F R F	R	R R	T F	T	
<i>F. interfrigidaria</i>	45X-4, 79–80		F A	R	T	F	
	46X-1, 38–39		F R R	R	R R	R	
	46X-2, 78–79		F R	R	R T	C	
	46X-CC, 11–16		F R	F	R	R	
	47X-CC, 0–10		C R	F	F	R	



Table T5 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassiosira</i> sp. E	<i>Thalassiothrix antarctica-longissima</i> group	<i>Thalassiothrix</i> sp. A	<i>Trichotoxon reinboldii</i>
<i>T. kolbei</i> / <i>F. matuyamae</i>	34X-1, 79–80	R	R		
	34X-2, 79–80	R	R		
	34X-3, 79–80	R	F	R	
	34X-5, 29–30	R			
	35X-1, 79–80	R		R	
	35X-3, 79–80	R			
	35X-5, 79–80	T	R		
	35X-7, 29–30	T	R	R	
	36X-1, 79–80	R	R		
	36X-3, 79–80	R	R		
	36X-5, 79–80	R	F		
	36X-7, 29–30			T	
	37X-2, 79–80	R	R		
<i>T. vulnifica</i>	37X-3, 79–80	R		T	
	37X-4, 79–80		R		
	37X-6, 79–80	R	R	R	
	38X-1, 79–80	R	R		
	38X-2, 79–80	R		R	
	38X-3, 79–80	R			
	38X-4, 79–80	R	R	T	
38X-5, 79–80		R			
<i>T. insigna</i> / <i>F. weaveri</i>	38X-CC, 48–53	R		T	
	39X-1, 79–80	R	R	R	
	39X-3, 79–80	R	R	R	
	39X-5, 79–80	R	R		
	40X-1, 79–80	R	R		
	40X-3, 79–80	F	A		
	40X-CC, 9–10	R	F	R	
	41X-1, 79–80	R	F	R	
	41X-CC, 26–31	A	F	R	
	44X-1, 17–18	R	A	F	
	44X-CC, 20–25	R	C		
45X-1, 79–80		C			
45X-3, 79–80	R	F			
<i>F. interfrigidaria</i>	45X-4, 79–80	F	C		
	46X-1, 38–39	F	F	R	
	46X-2, 78–79	R	F		
	46X-CC, 11–16		C		
	47X-CC, 0–10	R	C	R	