

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

Table T2. Stratigraphic occurrence and relative abundance of diatom taxa from the Pliocene and Pleistocene, Site 1090. (Continued on next 11 pages.)

Diatom zone	Core, section, interval (cm)	Depth (mcd)	Diatom abundance, cleaned slide	Diatom abundance, uncleaned slide	Diatom preservation	<i>Actinocyclus curvatus</i> <i>Actinocyclus ellipticus</i> f. <i>lanceolata</i> <i>Actinocyclus ingens</i> <i>Actinocyclus ingens</i> var. <i>ovalis</i> <i>Actinocyclus maccollumi</i> <i>Actinocyclus</i> sp. F <i>Actinocyclus</i> sp. I <i>Actinopterychus senarius</i> <i>Alveus marinus</i> <i>Asteromphalus hookeri</i>	
<i>T. lentiginosa</i> subzone c	177- 1090B-1H-1, 91–92 1090B-1H-2, 30–31 1090D-1H-2, 86–87 1090D-1H-3, 26–27 1090D-1H-3, 116–117 1090D-1H-4, 56–57	0.91 1.80 2.70 3.60 4.50 5.40	C C A C F C		P M M–P M–P P M	 R R R	 R R R R R
<i>T. lentiginosa</i> subzone b	1090D-1H-4, 146–147 1090E-1H-4, 112–113 1090D-2H-2, 64–65	6.30 9.00 11.69	C C C		M M M	R R	 R T R
<i>T. lentiginosa</i> subzone a	1090D-2H-3, 95–96 1090D-2H-4, 35–36 1090D-2H-4, 125–126 1090D-2H-5, 65–66 1090B-3H-2, 15–16 1090B-3H-2, 105–106 1090B-3H-3, 45–46 1090B-3H-3, 135–136	13.50 14.40 15.30 16.20 17.10 18.00 18.90 19.80	A C A C C C C A		M P M M–P M M M M	 R T T	 C T T T T
<i>A. ingens</i> subzone c	1090B-3H-4, 75–76 1090B-3H-5, 15–16 1090D-3H-3, 43–44 1090D-3H-4, 73–74 1090D-3H-5, 13–14 1090D-3H-5, 103–104 1090E-3H-2, 148–149 1090E-3H-4, 28–29 1090D-4H-1, 134–135 1090D-4H-3, 14–15 1090D-4H-3, 104–105	20.70 21.60 23.40 25.20 26.10 27.00 27.89 29.69 30.73 32.53 33.43	A C A A C C C C C C C		M M–P M M M M M M M M–P M	 F F F F F F F F T R	 C T R R T T
<i>A. ingens</i> subzone b	1090D-4H-4, 44–45 1090D-4H-4, 134–135 1090D-4H-5, 74–75 1090E-4H-4, 48–49	34.33 35.23 36.13 38.83	C C C C		M P M M	R R A A C	 R R T R
<i>A. ingens</i> subzone a	1090E-4H-4, 138–139 1090D-5H-1, 52–53 1090D-5H-1, 142–143 1090D-5H-2, 82–83 1090D-5H-3, 22–23 1090D-5H-3, 112–113	39.73 40.63 41.53 42.43 43.33 44.23	C C C C C C		P M M–P M M M	 R R R R	 R T T R F C R T R
<i>P. barboi</i>	1090D-5H-4, 7–8 1090D-5H-4, 52–53 1090D-5H-4, 142–143 1090D-5H-5, 37–38 1090E-5H-1, 146–147	44.68 45.13 46.03 46.48 46.95	C A C C		M M P M M	 R T	 F T
<i>T. kolbei</i> / <i>F. matuyamae</i>	1090E-5H-2, 41–42 1090E-5H-2, 83–84 1090E-5H-2, 113–114 1090E-5H-4, 11–12 1090E-5H-5, 3–4 1090D-6H-1, 115–116 1090D-6H-2, 55–56 1090D-6H-2, 145–146 1090D-6H-3, 40–41	47.40 47.82 48.12 49.80 51.22 52.01 52.91 53.81 54.26	 A C A	 F C C	M–P M M M M M M–P M M	R T R R R R	 T

Table T2 (continued).

Diatom zone	Core, section, interval (cm)	<i>Fragilariopsis fossilis</i> var. A <i>Fragilariopsis interfrigidaria</i> <i>Fragilariopsis kerguelensis</i> <i>Fragilariopsis lactina</i> <i>Fragilariopsis matuyamae</i> <i>Fragilariopsis matuyamae</i> var. <i>heteropola</i> <i>Fragilariopsis obliquecostata</i> <i>Fragilariopsis praecurta</i> <i>Fragilariopsis praeinterfrigidaria</i> <i>Fragilariopsis pseudonana</i> <i>Fragilariopsis reinholdii</i> <i>Fragilariopsis rhombica</i> <i>Fragilariopsis ritscheri</i> <i>Fragilariopsis separanda</i> <i>Fragilariopsis weaveri</i> <i>Fragilariopsis</i> sp. 2 <i>Hemidiscus cuneiformis</i> <i>Hemidiscus cuneiformis</i> var. 1 <i>Hemidiscus karstenii</i> <i>Hemidiscus karstenii</i> f. 1, sensu Ciesielski (1983) <i>Hemidiscus</i> sp. 1 <i>Hemidiscus</i> sp. 2 <i>Navicula wisei</i> <i>Nitzschia bica pitata</i> <i>Nitzschia kolaczekii</i>				
<i>T. lentiginosa</i> subzone c	177- 1090B-1H-1, 91–92 1090B-1H-2, 30–31 1090D-1H-2, 86–87 1090D-1H-3, 26–27 1090D-1H-3, 116–117 1090D-1H-4, 56–57	A C A A C C			T T T	T F T
<i>T. lentiginosa</i> subzone b	1090D-1H-4, 146–147 1090E-1H-4, 112–113 1090D-2H-2, 64–65	A F A T		T R T	T R C C C	
<i>T. lentiginosa</i> subzone a	1090D-2H-3, 95–96 1090D-2H-4, 35–36 1090D-2H-4, 125–126 1090D-2H-5, 65–66 1090B-3H-2, 15–16 1090B-3H-2, 105–106 1090B-3H-3, 45–46 1090B-3H-3, 135–136	A A A T A A A A A		R R R R R R	R T R F T	
<i>A. ingens</i> subzone c	1090B-3H-4, 75–76 1090B-3H-5, 15–16 1090D-3H-3, 43–44 1090D-3H-4, 73–74 1090D-3H-5, 13–14 1090D-3H-5, 103–104 1090E-3H-2, 148–149 1090E-3H-4, 28–29 1090D-4H-1, 134–135 1090D-4H-3, 14–15 1090D-4H-3, 104–105	A A C A A C A A A A A A		T R T R T T R R R R R	T R T T T T T T T T T	T R R R T
<i>A. ingens</i> subzone b	1090D-4H-4, 44–45 1090D-4H-4, 134–135 1090D-4H-5, 74–75 1090E-4H-4, 48–49	A F A A		R R R R R	T T T T T	T
<i>A. ingens</i> subzone a	1090E-4H-4, 138–139 1090D-5H-1, 52–53 1090D-5H-1, 142–143 1090D-5H-2, 82–83 1090D-5H-3, 22–23 1090D-5H-3, 112–113	F A C F F F		R R R R R R	F T R R F F	
<i>P. barboi</i>	1090D-5H-4, 7–8 1090D-5H-4, 52–53 1090D-5H-4, 142–143 1090D-5H-5, 37–38 1090E-5H-1, 146–147	F R		R T R R	T R R R R	
<i>T. kolbei</i> / <i>F. matuyamae</i>	1090E-5H-2, 41–42 1090E-5H-2, 83–84 1090E-5H-2, 113–114 1090E-5H-4, 11–12 1090E-5H-5, 3–4 1090D-6H-1, 115–116 1090D-6H-2, 55–56 1090D-6H-2, 145–146 1090D-6H-3, 40–41	T F C C C C A C C	R R R		R C C C C	T C

Table T2 (continued).

Diatom zone	Core, section, interval (cm)	<i>Nitzschia panduriformis</i> <i>Nitzschia porteri</i> <i>Nitzschia sicula</i> var. <i>bicuneata</i> <i>Nitzschia sicula</i> var. <i>rostrata</i> <i>Odontella weissflogii</i> <i>Paralia sulcata</i> <i>Pleurosigma</i> spp. <i>Proboscia alata</i> <i>Proboscia barboi</i> <i>Proboscia truncata</i> <i>Rhizosolenia acicularis</i> <i>Rhizosolenia antennata</i> f. <i>semispina</i> <i>Rhizosolenia bergonii</i> <i>Rhizosolenia curvata</i> <i>Rhizosolenia hebetata</i> f. <i>semispina</i> <i>Rhizosolenia polydactyla</i> f. <i>polydactyla</i> <i>Rhizosolenia styliformis</i> <i>Rhizosolenia</i> sp. cf. <i>styliformis</i> (big form) <i>Roperia tessellata</i> <i>Rouxia antarctica</i> <i>Rouxia constricta</i> <i>Rouxia naviculoides</i> <i>Stellarima microrhis</i> <i>Stellarima stellaris</i> <i>Stephanopyxis turris</i> group					
<i>T. lentiginosa</i> subzone c	177- 1090B-1H-1, 91–92 1090B-1H-2, 30–31 1090D-1H-2, 86–87 1090D-1H-3, 26–27 1090D-1H-3, 116–117 1090D-1H-4, 56–57	T	T	T	T	T	T
<i>T. lentiginosa</i> subzone b	1090D-1H-4, 146–147 1090E-1H-4, 112–113 1090D-2H-2, 64–65		T	T	T	R	
<i>T. lentiginosa</i> subzone a	1090D-2H-3, 95–96 1090D-2H-4, 35–36 1090D-2H-4, 125–126 1090D-2H-5, 65–66 1090B-3H-2, 15–16 1090B-3H-2, 105–106 1090B-3H-3, 45–46 1090B-3H-3, 135–136		T	T	R	T	T
<i>A. ingens</i> subzone c	1090B-3H-4, 75–76 1090B-3H-5, 15–16 1090D-3H-3, 43–44 1090D-3H-4, 73–74 1090D-3H-5, 13–14 1090D-3H-5, 103–104 1090E-3H-2, 148–149 1090E-3H-4, 28–29 1090D-4H-1, 134–135 1090D-4H-3, 14–15 1090D-4H-3, 104–105	R	T	T	T	T	T
<i>A. ingens</i> subzone b	1090D-4H-4, 44–45 1090D-4H-4, 134–135 1090D-4H-5, 74–75 1090E-4H-4, 48–49				C	R	
<i>A. ingens</i> subzone a	1090E-4H-4, 138–139 1090D-5H-1, 52–53 1090D-5H-1, 142–143 1090D-5H-2, 82–83 1090D-5H-3, 22–23 1090D-5H-3, 112–113	T	T	T	R	R	T
<i>P. barboi</i>	1090D-5H-4, 7–8 1090D-5H-4, 52–53 1090D-5H-4, 142–143 1090D-5H-5, 37–38 1090E-5H-1, 146–147	T	T	F	T	T	T
<i>T. kolbei</i> / <i>F. matuyamae</i>	1090E-5H-2, 41–42 1090E-5H-2, 83–84 1090E-5H-2, 113–114 1090E-5H-4, 11–12 1090E-5H-5, 3–4 1090D-6H-1, 115–116 1090D-6H-2, 55–56 1090D-6H-2, 145–146 1090D-6H-3, 40–41	R	C	C	T	F	T

Table T2 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassionema bacillaris</i> <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. cf. <i>inflata</i> <i>Thalassionema nitzschioides</i> var. <i>lanceolata</i> <i>Thalassionema nitzschioides</i> var. <i>parva</i> <i>Thalassiosira complicata</i> <i>Thalassiosira convexa</i>	<i>Thalassiosira convexa</i> var. <i>aspinosa</i> <i>Thalassiosira eccentrica</i> <i>Thalassiosira elliptipora</i> <i>Thalassiosira elliptipora</i> var. A <i>Thalassiosira fasciculata</i> <i>Thalassiosira ferelineata</i> <i>Thalassiosira gracilis</i> <i>Thalassiosira gracilis</i> var. <i>expecta</i> <i>Thalassiosira insigna</i> <i>Thalassiosira inura</i>	<i>Thalassiosira kolbei</i> (flat type) <i>Thalassiosira kolbei</i> (convex type) <i>Thalassiosira lentiginosa</i> <i>Thalassiosira leptopus</i> <i>Thalassiosira lineata</i>	
<i>T. lentiginosa</i> subzone c	177- 1090B-1H-1, 91–92 1090B-1H-2, 30–31 1090D-1H-2, 86–87 1090D-1H-3, 26–27 1090D-1H-3, 116–117 1090D-1H-4, 56–57	 R	 F A F F R T R R R	 R R R R T	 C F C C A A T R F
<i>T. lentiginosa</i> subzone b	1090D-1H-4, 146–147 1090E-1H-4, 112–113 1090D-2H-2, 64–65	 T C F	 R F R R	 R R R	 F R C R
<i>T. lentiginosa</i> subzone a	1090D-2H-3, 95–96 1090D-2H-4, 35–36 1090D-2H-4, 125–126 1090D-2H-5, 65–66 1090B-3H-2, 15–16 1090B-3H-2, 105–106 1090B-3H-3, 45–46 1090B-3H-3, 135–136	 R R R	 R C F R C R T	 R F R R T T	 C C F F F C C C C
<i>A. ingens</i> subzone c	1090B-3H-4, 75–76 1090B-3H-5, 15–16 1090D-3H-3, 43–44 1090D-3H-4, 73–74 1090D-3H-5, 13–14 1090D-3H-5, 103–104 1090E-3H-2, 148–149 1090E-3H-4, 28–29 1090D-4H-1, 134–135 1090D-4H-3, 14–15 1090D-4H-3, 104–105	 R C	 R T R R R C T R	 R R R R R R F R T F T T F	 C R R R R R R T R R T F
<i>A. ingens</i> subzone b	1090D-4H-4, 44–45 1090D-4H-4, 134–135 1090D-4H-5, 74–75 1090E-4H-4, 48–49	 T R	 T T T T	 R T T R R R	 F R C C C
<i>A. ingens</i> subzone a	1090E-4H-4, 138–139 1090D-5H-1, 52–53 1090D-5H-1, 142–143 1090D-5H-2, 82–83 1090D-5H-3, 22–23 1090D-5H-3, 112–113	 F R A A R F	 T R T R	 T R R	 C F C F F C
<i>P. barboi</i>	1090D-5H-4, 7–8 1090D-5H-4, 52–53 1090D-5H-4, 142–143 1090D-5H-5, 37–38 1090E-5H-1, 146–147	 C A R F	 T R T	 T R R	 C F F R
<i>T. kolbei</i> / <i>F. matuyamae</i>	1090E-5H-2, 41–42 1090E-5H-2, 83–84 1090E-5H-2, 113–114 1090E-5H-4, 11–12 1090E-5H-5, 3–4 1090D-6H-1, 115–116 1090D-6H-2, 55–56 1090D-6H-2, 145–146 1090D-6H-3, 40–41	 R F R R R C	 R T R R F	 T T R T T	 F T R R R F F F

Table T2 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassiosira</i> cf. <i>maculata</i> <i>Thalassiosira</i> <i>oestrupii</i> <i>Thalassiosira</i> <i>oestrupii</i> var. <i>venrickae</i> <i>Thalassiosira</i> <i>oliverana</i> var. 1 <i>Thalassiosira</i> <i>oliverana</i> var. 4	<i>Thalassiosira</i> <i>striata</i> <i>Thalassiosira</i> <i>symmetrica</i> <i>Thalassiosira</i> <i>tetraoestrupii</i> var. <i>reimeri</i> <i>Thalassiosira</i> <i>trifluta</i> <i>Thalassiosira</i> <i>tumida</i> <i>Thalassiosira</i> <i>vulnifica</i> <i>Thalassiosira</i> sp. A <i>Thalassiosira</i> sp. C <i>Thalassiotrix</i> <i>antarctica-longissima</i> group <i>Thalassiotrix</i> sp. A	<i>Trichotoxon</i> <i>reinboldii</i> <i>Triceratium</i> spp.
<i>T. lentiginosa</i> subzone c	177- 1090B-1H-1, 91–92 1090B-1H-2, 30–31 1090D-1H-2, 86–87 1090D-1H-3, 26–27 1090D-1H-3, 116–117 1090D-1H-4, 56–57	C R C C R R	R R R F R	R R F R
<i>T. lentiginosa</i> subzone b	1090D-1H-4, 146–147 1090E-1H-4, 112–113 1090D-2H-2, 64–65	F C T F	T T T	R R R
<i>T. lentiginosa</i> subzone a	1090D-2H-3, 95–96 1090D-2H-4, 35–36 1090D-2H-4, 125–126 1090D-2H-5, 65–66 1090B-3H-2, 15–16 1090B-3H-2, 105–106 1090B-3H-3, 45–46 1090B-3H-3, 135–136	F R A R T C F R C R T T	R R T R R T	R R R R F R R
<i>A. ingens</i> subzone c	1090B-3H-4, 75–76 1090B-3H-5, 15–16 1090D-3H-3, 43–44 1090D-3H-4, 73–74 1090D-3H-5, 13–14 1090D-3H-5, 103–104 1090E-3H-2, 148–149 1090E-3H-4, 28–29 1090D-4H-1, 134–135 1090D-4H-3, 14–15 1090D-4H-3, 104–105	R R R R F R R T F R C R R R R R F R F F R	T T R T T T R	R R A R F F F R R C F F F
<i>A. ingens</i> subzone b	1090D-4H-4, 44–45 1090D-4H-4, 134–135 1090D-4H-5, 74–75 1090E-4H-4, 48–49	F C R R R F T F	T R	F C F F
<i>A. ingens</i> subzone a	1090E-4H-4, 138–139 1090D-5H-1, 52–53 1090D-5H-1, 142–143 1090D-5H-2, 82–83 1090D-5H-3, 22–23 1090D-5H-3, 112–113	F R F F F R R R R R F R	R R F R F R	F R R R R R R
<i>P. barboi</i>	1090D-5H-4, 7–8 1090D-5H-4, 52–53 1090D-5H-4, 142–143 1090D-5H-5, 37–38 1090E-5H-1, 146–147	T F R R R R T F R F R C T	F R R F	R R R R
<i>T. kolbei</i> / <i>F. matuyamae</i>	1090E-5H-2, 41–42 1090E-5H-2, 83–84 1090E-5H-2, 113–114 1090E-5H-4, 11–12 1090E-5H-5, 3–4 1090D-6H-1, 115–116 1090D-6H-2, 55–56 1090D-6H-2, 145–146 1090D-6H-3, 40–41	R R F T R T R R T F F F R F R	F F F R F F R R	R F R F R R R R R

Table T2 (continued).

Diatom zone	Core, section, interval (cm)	Depth (mcd)	Diatom abundance, cleaned slide	Diatom abundance, uncleaned slide	Diatom preservation	<i>Actinocyclus curvatulus</i>	<i>Actinocyclus ellipticus</i> f. <i>lanceolata</i>	<i>Actinocyclus ingens</i>	<i>Actinocyclus ingens</i> var. <i>ovalis</i>	<i>Actinocyclus maccollumi</i>	<i>Actinocyclus</i> sp. F	<i>Actinocyclus</i> sp. I	<i>Actinopterychus senarius</i>	<i>Alveus marinus</i>	<i>Asteromphalus hookeri</i>
<i>T. vulnifica</i>	1090D-6H-3, 85–86 1090D-6H-3, 130–131 1090D-6H-4, 25–26	54.71 55.16 55.61	A C	 C	M M P	A R R	R F R	 R	 R	 R	 F	 F	 F	 F	 F
<i>T. insigna</i> / <i>F. weaveri</i>	1090D-6H-4, 70–71 1090D-6H-4, 115–116 1090E-6H-2, 79–80 1090E-6H-3, 109–110 1090E-6H-4, 139–140 1090D-7H-1, 93–94 1090D-7H-1, 138–139	56.06 56.51 57.41 59.21 61.01 61.91 62.36	 C C	 F C C C C	M M–P M M M M M	R T T	R F F	 R	 R	 T	 T	 T	 T	 T	 T
<i>F. interfrigidaria</i>	1090D-7H-2, 33–34 1090D-7H-2, 78–79 1090D-7H-2, 123–124 1090D-7H-3, 63–64 1090D-7H-4, 3–4 1090D-7H-4, 48–49	62.81 63.26 63.71 64.61 65.51 65.96	A C C C	 C F	M M M M M M	 F	R F F	 T	 T	 T	 T	 T	 T	 T	 T
<i>F. barronii</i>	1090D-7H-4, 93–94 1090D-7H-5, 33–34 1090D-7H-5, 78–79 1090E-7H-3, 22–23 1090E-7H-3, 116–117 1090E-7H-4, 11–12	66.41 67.31 67.76 68.31 69.25 69.70	C C C	C C C F C	M M P M–P M–P M	T F T R	R R F F T	 R F F T	 R F F T	 R F F T	 R F F T	 R F F T	 R F F T	 R F F T	 R F F T

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

Table T2 (continued).

Diatom zone	Core, section, interval (cm)	<i>Asteromphalus hyalinus</i> <i>Asteromphalus parvulus</i> <i>Azpeitia neocrenulata</i> <i>Azpeitia nodulifer</i> <i>Azpeitia tabularis</i> <i>Azpeitia tabularis</i> var. <i>egregius</i> <i>Azpeitia</i> sp. A <i>Chaetoceros</i> spp. (resting spores) <i>Cocconeis</i> spp. <i>Corethron criophilum</i> <i>Coscinodiscus marginatus</i> <i>Coscinodiscus oculoides</i> <i>Coscinodiscus radiatus</i> <i>Coscinodiscus</i> cf. <i>rhombicus</i> <i>Coscinodiscus</i> spp. <i>Diploneis</i> spp. <i>Ethmodiscus rex</i> <i>Eucampia antarctica</i> <i>Fragilariopsis arcula</i> <i>Fragilariopsis aurica</i> <i>Fragilariopsis barronii</i> Transition <i>F. barronii</i> / <i>F. kerguelensis</i> <i>Fragilariopsis clementia</i> <i>Fragilariopsis dololus</i> <i>Fragilariopsis fossilis</i>			
<i>T. vulnifica</i>	1090D-6H-3, 85–86 1090D-6H-3, 130–131 1090D-6H-4, 25–26	T F F R	R F F F	A F T R	X X F A A R T
<i>T. insigna</i> / <i>F. weaveri</i>	1090D-6H-4, 70–71 1090D-6H-4, 115–116 1090E-6H-2, 79–80 1090E-6H-3, 109–110 1090E-6H-4, 139–140 1090D-7H-1, 93–94 1090D-7H-1, 138–139	R T T R R T R	F F R F R T F T R R F F	T T T T T	X X T X X X X T X F R T R
<i>F. interfrigidaria</i>	1090D-7H-2, 33–34 1090D-7H-2, 78–79 1090D-7H-2, 123–124 1090D-7H-3, 63–64 1090D-7H-4, 3–4 1090D-7H-4, 48–49	R T C R R R T	T F R R R A F F C C F R R R R	T T T T T R T T	X X T X X R X F R R T R
<i>F. barronii</i>	1090D-7H-4, 93–94 1090D-7H-5, 33–34 1090D-7H-5, 78–79 1090E-7H-3, 22–23 1090E-7H-3, 116–117 1090E-7H-4, 11–12	R C R F T	R F F R R F R T R R R R R R	T F F C F C R R T	X X R F X F C X F C X R

Diatom zone	Core, section, interval (cm)	<i>Fragilariopsis fossilis</i> var. A <i>Fragilariopsis interfrigidaria</i> <i>Fragilariopsis kerguelensis</i> <i>Fragilariopsis lacrima</i> <i>Fragilariopsis matuyamae</i>	<i>Fragilariopsis matuyamae</i> var. <i>heteropola</i> <i>Fragilariopsis obliquecostata</i> <i>Fragilariopsis praecurta</i> <i>Fragilariopsis praeinterfrigidaria</i> <i>Fragilariopsis pseudonana</i>	<i>Fragilariopsis reinholdii</i> <i>Fragilariopsis rhombica</i> <i>Fragilariopsis ritscheri</i> <i>Fragilariopsis separanda</i> <i>Fragilariopsis weaveri</i>	<i>Fragilariopsis</i> sp. 2 <i>Hemidiscus cuneiformis</i> <i>Hemidiscus cuneiformis</i> var. 1 <i>Hemidiscus karstenii</i> <i>Hemidiscus karstenii</i> f. 1, sensu Ciesielski (1983) <i>Hemidiscus</i> sp. 1 <i>Hemidiscus</i> sp. 2 <i>Navicula wisei</i> <i>Nitzschia bicipitata</i> <i>Nitzschia kolaczekii</i>	
<i>T. vulnifica</i>	1090D-6H-3, 85–86 1090D-6H-3, 130–131 1090D-6H-4, 25–26	T R		T R	F R R R	R
<i>T. insigna</i> / <i>F. weaveri</i>	1090D-6H-4, 70–71 1090D-6H-4, 115–116 1090E-6H-2, 79–80 1090E-6H-3, 109–110 1090E-6H-4, 139–140 1090D-7H-1, 93–94 1090D-7H-1, 138–139	T R R F F C	 R R	F C C C F C C	F C F A C R F F R	 T F F R
<i>F. interfrigidaria</i>	1090D-7H-2, 33–34 1090D-7H-2, 78–79 1090D-7H-2, 123–124 1090D-7H-3, 63–64 1090D-7H-4, 3–4 1090D-7H-4, 48–49	F R C C R F R C	R R T C F	F C A C C F	F T C T F F F F R C F A C R	
<i>F. barronii</i>	1090D-7H-4, 93–94 1090D-7H-5, 33–34 1090D-7H-5, 78–79 1090E-7H-3, 22–23 1090E-7H-3, 116–117 1090E-7H-4, 11–12	F F F R	F R F R R F R	C C A C F C	F C R R R R	A F F T R

Table T2 (continued).

Diatom zone	Core, section, interval (cm)	<i>Nitzschia panduriformis</i> <i>Nitzschia porteri</i> <i>Nitzschia sicula</i> var. <i>bicuneata</i> <i>Nitzschia sicula</i> var. <i>rostrata</i> <i>Odontella weissflogii</i>	<i>Paralia sulcata</i> <i>Pleurosigma</i> spp. <i>Proboscia alata</i> <i>Proboscia barboi</i> <i>Proboscia truncata</i>	<i>Rhizosolenia acicularis</i> <i>Rhizosolenia antennata</i> f. <i>semispina</i> <i>Rhizosolenia bergonii</i> <i>Rhizosolenia curvata</i> <i>Rhizosolenia hebetata</i> f. <i>semispina</i>	<i>Rhizosolenia polydactyla</i> f. <i>polydactyla</i> <i>Rhizosolenia styliformis</i> <i>Rhizosolenia</i> sp. cf. <i>styliformis</i> (big form) <i>Roperia tessellata</i> <i>Rouxia antarctica</i>	<i>Rouxia constricta</i> <i>Rouxia naviculoides</i> <i>Stellarima microrhis</i> <i>Stellarima stellaris</i> <i>Stephanopyxis turris</i> group
<i>T. vulnifica</i>	1090D-6H-3, 85–86 1090D-6H-3, 130–131 1090D-6H-4, 25–26	R	T R	 T	 T	T R
<i>T. insigna</i> / <i>F. weaveri</i>	1090D-6H-4, 70–71 1090D-6H-4, 115–116 1090E-6H-2, 79–80 1090E-6H-3, 109–110 1090E-6H-4, 139–140 1090D-7H-1, 93–94 1090D-7H-1, 138–139	 R	 F R R	 T T T	 R T	 T R T
<i>F. interfrigidaria</i>	1090D-7H-2, 33–34 1090D-7H-2, 78–79 1090D-7H-2, 123–124 1090D-7H-3, 63–64 1090D-7H-4, 3–4 1090D-7H-4, 48–49	 T	 T T	 T T T	 T T T	F R T R T T
<i>F. barronii</i>	1090D-7H-4, 93–94 1090D-7H-5, 33–34 1090D-7H-5, 78–79 1090E-7H-3, 22–23 1090E-7H-3, 116–117 1090E-7H-4, 11–12	 R R R T	T R R C	R T R	 T	T T T T

Table T2 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassionema bacillaris</i> <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. cf. <i>inflata</i> <i>Thalassionema nitzschioides</i> var. <i>lanceolata</i> <i>Thalassionema nitzschioides</i> var. <i>parva</i> <i>Thalassiosira complicata</i> <i>Thalassiosira convexa</i>	<i>Thalassiosira convexa</i> var. <i>aspinosa</i> <i>Thalassiosira eccentrica</i> <i>Thalassiosira elliptipora</i> <i>Thalassiosira elliptipora</i> var. A <i>Thalassiosira fasciculata</i>	<i>Thalassiosira ferelineata</i> <i>Thalassiosira gracilis</i> <i>Thalassiosira gracilis</i> var. <i>expecta</i> <i>Thalassiosira insigna</i> <i>Thalassiosira inura</i>	<i>Thalassiosira kolbei</i> (flat type) <i>Thalassiosira kolbei</i> (convex type) <i>Thalassiosira lentiginosa</i> <i>Thalassiosira leptopus</i> <i>Thalassiosira lineata</i>
<i>T. vulnifica</i>	1090D-6H-3, 85–86 1090D-6H-3, 130–131 1090D-6H-4, 25–26	F R F R F	F F R F	R F F T	T T F T F	T R F T
<i>T. insigna</i> / <i>F. weaveri</i>	1090D-6H-4, 70–71 1090D-6H-4, 115–116 1090E-6H-2, 79–80 1090E-6H-3, 109–110 1090E-6H-4, 139–140 1090D-7H-1, 93–94 1090D-7H-1, 138–139	F C F F R C R F R R	T F T R F R R	T F T R T	R A R F F R R T T R F	R F C F T F R A
<i>F. interfrigidaria</i>	1090D-7H-2, 33–34 1090D-7H-2, 78–79 1090D-7H-2, 123–124 1090D-7H-3, 63–64 1090D-7H-4, 3–4 1090D-7H-4, 48–49	F T R R R R R	T T T R R T	T T T T	T T F R R T T T R	R T T T R T R T T T
<i>F. barronii</i>	1090D-7H-4, 93–94 1090D-7H-5, 33–34 1090D-7H-5, 78–79 1090E-7H-3, 22–23 1090E-7H-3, 116–117 1090E-7H-4, 11–12	F F C F C R C	R R T R R T R	T T T T	R R C R R	R R T T R

Table T2 (continued).

Diatom zone	Core, section, interval (cm)	<i>Thalassiosira</i> cf. <i>maculata</i> <i>Thalassiosira</i> <i>oestrupii</i> <i>Thalassiosira</i> <i>oestrupii</i> var. <i>venrickae</i> <i>Thalassiosira</i> <i>oliverana</i> var. 1 <i>Thalassiosira</i> <i>oliverana</i> var. 4	<i>Thalassiosira</i> <i>striata</i> <i>Thalassiosira</i> <i>symmetrica</i> <i>Thalassiosira</i> <i>tetraoestrupii</i> var. <i>reimeri</i> <i>Thalassiosira</i> <i>trifluta</i> <i>Thalassiosira</i> <i>tumida</i>	<i>Thalassiosira</i> <i>vulnifica</i> <i>Thalassiosira</i> sp. A <i>Thalassiosira</i> sp. C <i>Thalassiothrix antarctica-longissima</i> group <i>Thalassiothrix</i> sp. A	<i>Trichotoxon reinboldii</i> <i>Triceratium</i> spp.
<i>T. vulnifica</i>	1090D-6H-3, 85–86 1090D-6H-3, 130–131 1090D-6H-4, 25–26	T F R R	R C C R	R R R R	R R R R
<i>T. insigna</i> / <i>F. weaveri</i>	1090D-6H-4, 70–71 1090D-6H-4, 115–116 1090E-6H-2, 79–80 1090E-6H-3, 109–110 1090E-6H-4, 139–140 1090D-7H-1, 93–94 1090D-7H-1, 138–139	R R F R R F R	R F T R F A R	T T R R T	R R R F R R R
<i>F. interfrigidaria</i>	1090D-7H-2, 33–34 1090D-7H-2, 78–79 1090D-7H-2, 123–124 1090D-7H-3, 63–64 1090D-7H-4, 3–4 1090D-7H-4, 48–49	C R F F R T	R R T F T T	T R R R	F T R R F R
<i>F. barronii</i>	1090D-7H-4, 93–94 1090D-7H-5, 33–34 1090D-7H-5, 78–79 1090E-7H-3, 22–23 1090E-7H-3, 116–117 1090E-7H-4, 11–12	R T R R F R	T R R R T T	R R R R F R	R R R R R R