Table T1. Stratigraphic occurrence of diatoms, Hole 1179B. (Continued on next two pages.)

	Yanagisawa and Akiba, 1998	Barron, 1985a	Core, section, interval (cm)	Depth (mbsf)	Abundance	Preservation	*Actinocyclus curvatulus*	*Actinocyclus ehrenbergii*	*Actinocyclus octonarius*	*Actinocyclus oculatus* Jousé	*Actinocyclus tenellus* ?(Akiba 1985)	*Actinoptychus* spp.	*Alveus marina*	*Asterolampra acutiloba*	*Asteromphalus arachne* (Brébisson) Ralfs	*Asteromphalus elegans*	*Asteromphalus parvulus*	*Aulacoseira granulata*	*Azpeitia neocrenulata*	*Azpeitia nodulifer*	*Bacteriastrum hyalinum* Lander	*Cocconeis pinnata*	*Coscinodiscus asteromphalus*	*Coscinodiscus marginatus*	*Coscinodiscus oculus-iridus*	*Coscinodiscus radiatus*	*Cyclostephanos* spp.	*Delphineis surella* (Akiba 1985)	*Diploneis* cf. *bombus*	*Eunotia* spp.	*Hemidiscus cuneiformis*
			191-1179B-																												
Pleistocene	*Neodenticula seminae* Zone	*Pseudoeunotia doliolus* Zone	1H-1, 66–68	0.66	A	M	F	X				X	R						R					R	R	R					
			1H-2, 75–77	2.25	C	P	R												R					R		R					
			1H-3, 75–77	3.75	A	M	F					X	R						F						X	R					
			1H-4, 75–77	5.25	A	M	R	X				X	R						F	X					R	R					
			1H-5, 75–77	6.75	C	P	R						R											R	R	R					
			2H-1, 75–77	8.35	A	P	F	R				X							X					X		R					
			2H-2, 75–77	9.85	A	P	R					R	R						R	X				R	X	F					X
			2H-3, 75–77	11.35	C	P	R	X				X	X						X	X					X	X				X	
			2H-4, 75–77	12.85	A	M	F	R			X		R		X								X	R	R	F	X				X
	Proboscia curvirostris Zone		2H-5, 75–77	14.35	A	M	F	R					R						X			X		R	R	R	X	X			
			2H-6, 75–77	15.85	C	M	F						R						X					X	R	R					
			3H-1, 75–77	17.85	C	M	F					X	R						R					R							
			3H-2, 75–77	19.35	A	M				X			R						R		X			R	X	F					
			3H-3, 75–77	20.85	A	M	F	X		X	R	R	R				X				X				R	R			X		
			3H-4, 75–77	22.35	A	M	X			X										X				R	R	R					X
			3H-5, 75–77	23.85	A	M	F	X		R	X		R						X	X	X			R	X	R					R
		Nitzschia reinholdii Zone	3H-6, 75–77	25.35	A	M	R	X		X		R	R				X		X	R	X				R	F			X		R
			3H-7, 75–77	26.85	R	P	R	X				X																			
			4H-1, 75–77	27.35	F	P	X													X					X						
			4H-2, 75–77	28.85	X	P																									
			4H-3, 75–77	30.35	F	P				X																					
			4H-4, 75–77	31.85	F	P	R			X		X														X					
			4H-5, 75–77	33.35	F	P	X					R	X	X											X						
			4H-6, 75–77	34.85	F	P	R					R	R					X								R			X		
			4H-7, 40–42	36	R	P	X					X													X						
			5H-1, 75–77	36.85	A	M	R					R	R				X		X	X				R		R					X
			5H-2, 75–77	38.35	F	P	R						R				X				X				R	X					
			5H-3, 75–77	39.85	A	M	R	X	X			X	R						X		X			R	X	X					X
			5H-4, 75–77	41.35	F	P	X				X	X	R						X		X			X							
			5H-5, 75–77	42.85	C	P	R				X	X	R					X	X	X					X	R					
			5H-6, 75–77	44.35	A	M	R			X		X					X					X		R	R						
	A. oculatus Zone		5H-7, 70–72	45.8	F	P	R			R		R	R			X	R			X			X		X						
			6H-1, 75–77	46.35	A	P	F			R		X	X				X		X		X			R	X	R					
			6H-3, 75–77	49.35	C	P	F					X	X											R	X	X					
	N. koizumii Zone		6H-5, 75–77	52.35	C	P	R			X			X						R				X								
			6H-7, 56–58	55.16	A	M	F			R			R				R								X	R					X

Notes: Abundance: A = abundant, C = common, F = few, R = rare, X = present. Preservation: M = moderate, P = poor. + = presence of silicoflagellate species.

Table T1 (continued).

Pleistocene	Yanagisawa and Akiba, 1998	Barron, 1985a	Core, section, interval (cm)	Depth (mbsf)	Abundance	Preservation	*Neodenticula koizumii* Akiba and Yanagisawa	*Neodenticula seminae* (Simonsen and Kanaya) Akiba and Yanagisawa	*Nitzschia* cf. *grunowii*	*Nitzschia* cf. *interruptestriata* Simonsen	*Nitzschia fossilis*	*Nitzschia reinholdii*	*Nitzschia sicula* var.	*Odontella aurita*	*Paralia sulcata*	*Planktoniella sol*	*Proboscia barboi*	*Proboscia curvirostris*	*Pseudoeunotia doliolus*	*Rhizosolenia* spp.	*Roperia tesselata*	*Stellarima* spp.	*Stephanopyxis turris*	*Thalassiosira* cf. *T. decipiens*	*Thalassiosira convexa*	*Thalassiosira eccentrica*	*Thalassiosira lineata*	*Thalassiosira nordenskioeldii*	*Thalassiosira oestrupii*	*Thalassiosira plicata*	*Thalassiosira* sp. C Akiba 1985
	Neodenticula seminae Zone	*Pseudoeunotia doliolus* Zone	191-1179B-																											
			1H-1, 66–68	0.66	A	M		R		X									R	X		X				R			R		
			1H-2, 75–77	2.25	C	P		R		X			X						X	X		X	X			R			R		
			1H-3, 75–77	3.75	A	M		F									X		X	R	X	R				F			R		
			1H-4, 75–77	5.25	A	M		F		X			R	X						R		X	R			R	X		F		
			1H-5, 75–77	6.75	C	P		R							X					X		X	R		X	R			R		
			2H-1, 75–77	8.35	A	P		R											X	R			R			R	X		R		
			2H-2, 75–77	9.85	A	P	X	F					X						X	X	X	X	X			R	R		R		
			2H-3, 75–77	11.35	C	P		R											X	R		X	X			R			R		
			2H-4, 75–77	12.85	A	M	X	F		X			R		R					R		X	X	R		F			F		
			2H-5, 75–77	14.35	A	M	X	F		R			X					R	R	R			R			F			R		
			2H-6, 75–77	15.85	C	M	X	F		X			R		X			R		R			R			R	X		R		
			3H-1, 75–77	17.85	C	M				X	X								F	X			R			R	X		R		
			3H-2, 75–77	19.35	A	M		F		X								R	R		X		R			R			R		
			3H-3, 75–77	20.85	A	M		F		X			R	X	R			R	R	X			F			R		X	R		
			3H-4, 75–77	22.35	A	M	X	R		X								R	F	R			R			F	R		C	X	
			3H-5, 75–77	23.85	A	M	X	F		R				X				R	F	R			R	X	X	R	R		F		
		Nitzschia reinholdii Zone	3H-6, 75–77	25.35	A	M	X	F		X		R				R	X	R	F	X			R	R		F	R		F		
			3H-7, 75–77	26.85	R	P	X	R									X					X	X			X			X		
			4H-1, 75–77	27.35	F	P	R	R				R	X				X									X	X		R		
			4H-2, 75–77	28.85	X	P						X														X					
			4H-3, 75–77	30.35	F	P	R	R											R	X		X	R			R			X		
			4H-4, 75–77	31.85	F	P	X	X		X		X	X										X			X			R	X	
			4H-5, 75–77	33.35	F	P	R	R				R						X	X	X			X			R			R	R	
			4H-6, 75–77	34.85	F	P	R	R			R	R	R		X	X	X	X	R	R		X	X			R	R		R	X	
			4H-7, 40–42	36	R	P	X			X																X					
			5H-1, 75–77	36.85	A	M	R	R			R	R	X					R	R			X	R			F			R		
			5H-2, 75–77	38.35	F	P	X	R			X	R	X										R			R	X		X		
			5H-3, 75–77	39.85	A	M	R	R		X	R	R	X		R		X		X	X			R			R			R		
			5H-4, 75–77	41.35	F	P		R			R	X			X		X	X		R		X	R			R	X		R		
			5H-5, 75–77	42.85	C	P	R	R	X		X	R	X					X		R		R	R			F	X	X	R		
			5H-6, 75–77	44.35	A	M	R	F			R	R	X		X	X		R								R			F		
	A. oculatus Zone		5H-7, 70–72	45.8	F	P	R	R			X	R								R						R	X		X		
			6H-1, 75–77	46.35	A	P	R	R		X		R	X				X			R		X	R			F	X		F		
			6H-3, 75–77	49.35	C	P	R	R		X	X	R	X			X		R		X		X				F			F		
	N. koizumii Zone		6H-5, 75–77	52.35	C	P	F	R			R	R					X					X	R			R	X		F		X
			6H-7, 56–58	55.16	A	M	F	F			R	R					R			R						R			F		

Table T1 (continued).

		Yanagisawa and Akiba, 1998	Barron, 1985a	Core, section, interval (cm)	Depth (mbsf)	Abundance	Preservation	*Thalassiosira* sp. D Akiba 1985	*Thalassiosira symmetrica*	*Thalassiothrix/Thalassionema* fragments		*Dictyocha* spp.	*Distephanus crux crux*	*Distephanus crux* ssp. *loeblichii*	*Distephanus speculum pentagonus*	*Distephanus pseudofibula*	*Distephanus speculum* spp.	*Mesocena* sp. 1
Pleistocene	*Proboscia curvirostris* Zone	*Neodenticula seminae* Zone	*Pseudoeunotia doliolus* Zone	191-1179B-														
				1H-1, 66–68	0.66	A	M			C		+						
				1H-2, 75–77	2.25	C	P			C								
				1H-3, 75–77	3.75	A	M			A		+					+	
				1H-4, 75–77	5.25	A	M			A		+					+	
				1H-5, 75–77	6.75	C	P			F								
				2H-1, 75–77	8.35	A	P		X	A								
				2H-2, 75–77	9.85	A	P			A								
				2H-3, 75–77	11.35	C	P		X	C								
				2H-4, 75–77	12.85	A	M	X	R	A		+		+	+		+	
				2H-5, 75–77	14.35	A	M		X	A		+					+	
				2H-6, 75–77	15.85	C	M		X	C		+						
				3H-1, 75–77	17.85	C	M			F		+						
				3H-2, 75–77	19.35	A	M			C		+						
				3H-3, 75–77	20.85	A	M		X	A							+	
				3H-4, 75–77	22.35	A	M			A								
				3H-5, 75–77	23.85	A	M		X	A		+					+	
			Nitzschia reinholdii Zone	3H-6, 75–77	25.35	A	M			A		+						
				3H-7, 75–77	26.85	R	P			R								
				4H-1, 75–77	27.35	F	P	X		F								
				4H-2, 75–77	28.85	X	P											
				4H-3, 75–77	30.35	F	P			F								
				4H-4, 75–77	31.85	F	P			R		+					+	
				4H-5, 75–77	33.35	F	P		X	F		+				+		
				4H-6, 75–77	34.85	F	P		X	F		+						
				4H-7, 40–42	36	R	P			R								
				5H-1, 75–77	36.85	A	M			A		+					+	+
				5H-2, 75–77	38.35	F	P			F		+						
				5H-3, 75–77	39.85	A	M	R		A		+					+	
				5H-4, 75–77	41.35	F	P			F			+		+			+
				5H-5, 75–77	42.85	C	P			F		+					+	
				5H-6, 75–77	44.35	A	M			A		+					+	
		A. oculatus Zone		5H-7, 70–72	45.8	F	P			F		+						
				6H-1, 75–77	46.35	A	P			A		+					+	
				6H-3, 75–77	49.35	C	P			C		+						
		N. koizumii Zone		6H-5, 75–77	52.35	C	P			C		+					+	
				6H-7, 56–58	55.16	A	M			A		+					+	