Chapter 35, Table T2. Stratigraphic occurrence of diatom species Site 1097.

Seismic Unit	Diatom Zone	Observer	Depth (mbsf)	Core, section, interval (cm)	Sample preparation method	Abundance of diatom fragments	Abundance of diatom frustules	Preservation	Planktonic diatoms:	*Actinocyclus ingens* s.s.	*Actinocyclus ingens* var. *ovalis*	*Actinocyclus karstenii*	*Actinocyclus* cf. *octonarius*	*Actinocyclus* aff. *octonarius*	*Asteromphalus* spp.	*Azpeitia tabularis*	*Chaetoceros* spp.	*Corethron* spp.	*Coscinodiscus asteromphalus*	*Coscinodiscus marginatus*	*Coscinodiscus oculus-iridus*	*Denticulopsis delicata*	*Denticulopsis simonsenii* s.l.	*Eucampia antarctica*
S1		MI		178-1097A-																				
	T. lentiginosa Zone	MI	0.0	1R-CC	Smear		+																	
		MI	7.5	2R-CC	Smear		+													+				
	?	MI	63.3	8R-CC	Smear		R	P		+							+							
		MI	63.3	8R-CC	>20		R	P		3		+	6								1			
		MI	73.3	9R-CC	Smear		C	P																
		MI	73.3	9R-CC	>20		F	M				1	4			6			1					
S2		MI	83.4	10R-CC	Smear		F	P															+	
		MI	83.4	10R-CC	>20		R	M				1	3	2										
		MI	92.7	11R-CC	Smear		F	M															+	+
		MI	92.7	11R-CC	>20		R	M				+	6			3				1				
	T. inura Zone subzone b	MI	103.9	12R-CC	Smear		+	P																
		MI	103.9	12R-CC	>20		VR	P		1		10	1											
		MI	112.6	13R-CC	Smear							F												
		MI	112.6	13R-CC	>20		R	M				28	2	1							1			1
		MI	117.2	14R-CC	Smear							F												
		MI	117.2	14R-CC	>20		VR	M				14	8	2							1			2
		MI	122.8	15R-CC	Smear							F												
		MI	126.0	16R-1, 26	Smear																			
		MI	126.4	16R-CC	Smear		C	M				R												
		MI	126.4	16R-CC	>20		A	M				R												F
		MI	133.3	17R-CC	Smear							F												
		MI	140.3	18R-1, 4-5	>20		F	P				20	11				2							1
S3		MI	141.2	18R-CC	Smear		+					+												
		MI	150.2	19R-1, 32-33	>20		F	P				19	2	3							1			1
		MI	151.1	19R-CC	Smear		C	M-P														+	+	R
		MI	151.1	19R-CC	>20		C	M				30	1	4							2			4
	T. inura Zone subzone a	MI	169.3	22R-CC	Smear		C	P					+											
		MI	179.3	23R-1, 42-43	>20		C	M				14	6				2			1	8	+	1	22
		MI	179.7	23R-CC	Smear		C	M-P				+											R	R
		MI	188.7	24R-CC	Smear		F	P									+						+	R
		MI	188.7	24R-CC	>20		f	M				4	5		+	1	2		4		.	1		11
		MI	198.3	25R-1, 24-25	>20		F	M				10	1	1							4		2	6
		MI	198.4	25R-1, 24	Smear		C	P																+
		MI	198.5	25R-1, 72-73	>20		F	M				4		3							1		1	5
		MI	199.6	25R-1, 147-151	Smear		F	P																
		MI	199.6	25R-CC	>20		F	M				13	5	3				1					+	2
		MI	208.9	26R-CC	Smear		R	P																
		MI	208.9	26R-CC	>20		R	P				13	23	8										3
		MI	217.5	27R-1, 21-22	Smear		C	M-P															+	R
		MI	217.5	27R-1, 21-22	>20		F	M				16		24			3		3					10
		MI	217.6	27R-1, 30	Smear																			
		MI	218.1	27R-1, 82	Smear																			
	T. oestrupii Zone - *N. reinholdii* Zone?	MI	265.6	32R-CC	Smear																			
		MI	265.6	32R-CC	>20		R	P				R	+											
	A. ingens var. *ovalis* Zone	MI	275.5	33R-CC	Smear					+	+	+											+	
		MI	287.8	34R-3, 33	Smear		F	M-P				+	R										R	
		MI	288.6	34R-3, 108	Smear		F	P															+	
		MI	288.8	34R-CC	Smear		F	M			1		2			+	48					1	+	
		MI	288.8	34R-CC	>20		C	M			1	4	19	2		+	4	2	1				6	4
		MI	296.2	35R-CC	Smear		F																	
		MI	296.2	35R-CC	>20	F	R	M		3	12	4	17	24					+	2	1			
		MI	308.8	36R-CC	Smear		F																+	
		MI	308.8	36R-CC	>20		A	M-P																5
		MI	322.9	38R-CC	Smear		R	M					1				11					+	+	2
		MI	334.0	39R-CC	Smear		R	M					1				5					+	1	
		MI	343.8	40R-CC	Smear		R	M					2				3						2	
		MI	354.0	42R-CC	Smear		R	P					+				+						+	
		MI	354.0	41R-CC	>20		VR	M																
		MI	365.4	44R-CC	Smear		R	P			2						2						4	1
		MI	373.6	45R-CC	Smear		R	P			1		+				6					+	6	
		MI	382.7	46R-CC	Smear		R	P																
		MI	401.2	48R-CC	Smear		R	P				1	1				2					+	1	1
		MI	401.2	48R-CC	>20		VR	P			1		1											
		MI	419.8	50R-CC	Smear		R	P			2						11					+	5	1
		MI	419.8	50R-CC	>20		F	M			10		3							1	1			
	?	MI	428.8	51R-1, 22	Smear		+	P																

Depth (mbsf)	Core, section, interval (cm)	Sample preparation method	*Fragilariopsis arcula*	*Fragilariopsis aurica*	*Fragilariopsis kerguelensis*	*Fragilariopsis lacrima*	*Fragilariopsis praecurta*	*Fragilariopsis praeinterfrigidaria*	*Hemidiscus karstenii*	*Nitzschia clementia*	*Nitzschia reinholdii*	*Nitzschia* spp.	*Odontella* spp.	*Odontella*? sp.	*Paralia sulcata*	*Rhizosolenia setigera*	*Rhizosolenia styliformis*	*Rhizosolenia* spp.	*Rouxia* spp.	*Stellarima* spp.	*Stephanogonia* spp.	*Stephanopyxis* spp.	*Stictodiscus* spp.	*Synedra* spp.	*Thalassionema nitzschioides*	*Thalassiosira complicata*	*Thalassiosira fasciculata*
	178-1097A-																										
0.0	1R-CC	Smear			+																						
7.5	2R-CC	Smear			+																				+		
63.3	8R-CC	Smear		+											R		R			R				+		+	
63.3	8R-CC	>20													3					21		2					3
73.3	9R-CC	Smear										+								+		+			+		
73.3	9R-CC	>20													1					3		93					
83.4	10R-CC	Smear															+					+			+		+
83.4	10R-CC	>20																		3		97			0.5		
92.7	11R-CC	Smear						+			+							+				+				R	+
92.7	11R-CC	>20																		6		128					
103.9	12R-CC	Smear																									
103.9	12R-CC	>20																		10		14	+				
112.6	13R-CC	Smear					+																			+	
112.6	13R-CC	>20											1							8		52					
117.2	14R-CC	Smear																								+	
117.2	14R-CC	>20											1					+	1	4		43					
122.8	15R-CC	Smear									+															+	
126.0	16R-1, 26	Smear		+																							
126.4	16R-CC	Smear		F			R												+								
126.4	16R-CC	>20						+			+		F				R			F		F		R		F	
133.3	17R-CC	Smear									+																
140.3	18R-1, 4-5	>20															1	1		51	2	103			2.5		
141.2	18R-CC	Smear																									
150.2	19R-1, 32-33	>20																		31	3	51			3.5		
151.1	19R-CC	Smear	+	R		+		+			+						F			R				F		R	
151.1	19R-CC	>20										2								60	1	91					
169.3	22R-CC	Smear		+													F					+			C		
179.3	23R-1, 42-43	>20																1		115	3	15		2	3.5		
179.7	23R-CC	Smear	+	R				+			+						R		+					F	+		
188.7	24R-CC	Smear	R	R													+										
188.7	24R-CC	>20					1												1	37	5	51			3.5		
198.3	25R-1, 24-25	>20	3	1									2				1			53	4	75			24		
198.4	25R-1, 24	Smear		+																F				F	+		
198.5	25R-1, 72-73	>20		2								1					4			30	1	34			10.5		
199.6	25R-1, 147-151	Smear															R							R			
199.6	25R-CC	>20									+						2			21	+	35		1.5	16.5		
208.9	26R-CC	Smear																									
208.9	26R-CC	>20							1											3							
217.5	27R-1, 21-22	Smear		F		+	+					F			+		R		R	R							
217.5	27R-1, 21-22	>20								1									1	26					2.5		
217.6	27R-1, 30	Smear	R	R			+								+				R								
218.1	27R-1, 82	Smear		R			+																				
265.6	32R-CC	Smear													F												
265.6	32R-CC	>20																		R		R	+				
275.5	33R-CC	Smear													R												
287.8	34R-3, 33	Smear						?+				+			F		R										
288.6	34R-3, 108	Smear													+		+			+							
288.8	34R-CC	Smear		1			+		2			6			37		15	3	2						1.5		
288.8	34R-CC	>20												2	62	1	1	5	+	25			+				
296.2	35R-CC	Smear													F												
296.2	35R-CC	>20													28			1		45							
308.8	36R-CC	Smear													C												
308.8	36R-CC	>20													135					40							
322.9	38R-CC	Smear													83		3	6		1					1.5		
334.0	39R-CC	Smear													90		1	5							0.5		
343.8	40R-CC	Smear													83		8	9		3			1		1		
354.0	42R-CC	Smear													R	+	R										
354.0	41R-CC	>20													15					1							
365.4	44R-CC	Smear										1			4	1	2	3		1							
373.6	45R-CC	Smear										1			1	2	12		+	2							
382.7	46R-CC	Smear																									
401.2	48R-CC	Smear									1				1	1	4			1							
401.2	48R-CC	>20														1				+			1				
419.8	50R-CC	Smear					1					1				2	5	3		4							
419.8	50R-CC	>20													1					10			1				
428.8	51R-1, 22	Smear																									

Depth (mbsf)	Core, section, interval (cm)	Sample preparation method	*Thalassiosira inura*	*Thalassiosira* aff. *inura*	*Thalassiosira lentiginosa*	*Thalassiosira mahoodii*	*Thalassiosira oestrupii* s.l.	*Thalassiosira* cf. *oestrupii*	*Thalassiosira oliverana*	*Thalassiosira oliverana* v. *sparsa*	*Thalassiosira striata*	*Thalassiosira torokina*	*Thalassiosira* aff. *trifulta*	*Thalassiosira* spp.	*Thalassiothrix antarctica*	*Thalassiothrix* spp.	*Thalassiothrix* and *Thalassionema* fragments	Benthic diatoms:	*Arachnoidiscus ehrenbergii*	*Cocconeis* spp.	*Delphineis* spp.	*Diploneis* spp.	*Grammatophora* spp.	*Hyalodiscus* spp.	*Melosira* spp.	*Navicula* spp.	*Rhabdonema* spp.	*Trinacria* spp.	Other Centrales	Other Pennates	Total counted	Fields of view observed at ×40	Fields of view observed at ×63
	178-1097A-																																
0.0	1R-CC	Smear																													0		
7.5	2R-CC	Smear														+	+														0		
63.3	8R-CC	Smear									+					+												+			0		
63.3	8R-CC	>20										1							+						2			5	4	1	52		
73.3	9R-CC	Smear		+				+																							0		
73.3	9R-CC	>20		2				1	4			14																			130		
83.4	10R-CC	Smear							+			+																			0		
83.4	10R-CC	>20										5		4															2		117.5	205	
92.7	11R-CC	Smear	R	+				R	R			+																			0		
92.7	11R-CC	>20										11		1															3		159	83	
103.9	12R-CC	Smear																	+												0		
103.9	12R-CC	>20	1						2			2		1															1		43	960	
112.6	13R-CC	Smear						+				F																			0		
112.6	13R-CC	>20							2	2		18		3																	119	822	
117.2	14R-CC	Smear	+					+	+			+																			0		
117.2	14R-CC	>20		1			1		2			10																	4		94	868	
122.8	15R-CC	Smear	+					+																							0		
126.0	16R-1, 26	Smear																													0		
126.4	16R-CC	Smear	+																												0		
126.4	16R-CC	>20	R						F		R	R																			0		
133.3	17R-CC	Smear										R																			0		
140.3	18R-1, 4-5	>20	+		1			1				12				0.5				1									5		215	400	
141.2	18R-CC	Smear	+									+																			0		
150.2	19R-1, 32-33	>20										10		3		0.5															128	140	
151.1	19R-CC	Smear	R						+			R																	+		0		
151.1	19R-CC	>20	2				1		2			26		4																	230	33	
169.3	22R-CC	Smear	+	+				+	+																						0		
179.3	23R-1, 42-43	>20	1						2			24		1		1.5													7		230		
179.7	23R-CC	Smear	+	+				R				R										+									0		
188.7	24R-CC	Smear	+	R								R										+									0		
188.7	24R-CC	>20										16		3					+										4		149.5		
198.3	25R-1, 24-25	>20	1					2	2			24		4		1															221	111	
198.4	25R-1, 24	Smear		+					+			R				F															0		
198.5	25R-1, 72-73	>20					1	1	1			28				2.5				1					1				1		133	57	
199.6	25R-1, 147-151	Smear	+	+																											0		
199.6	25R-CC	>20							3			9		3															8		123	361	
208.9	26R-CC	Smear																													0		
208.9	26R-CC	>20							3			24																	8		86		748
217.5	27R-1, 21-22	Smear	R	F								R					C														0		
217.5	27R-1, 21-22	>20										10		1		5.5													5		108	113	
217.6	27R-1, 30	Smear	R									R																			0		
218.1	27R-1, 82	Smear	R					+				R																			0		
265.6	32R-CC	Smear								+		+																			0		
265.6	32R-CC	>20		?+																											0		
275.5	33R-CC	Smear								+		R					F														0		
287.8	34R-3, 33	Smear		+		+				+		+		R						R									+		0		
288.6	34R-3, 108	Smear		+					+	R		+		+																	0		
288.8	34R-CC	Smear				1		?+	4	1				22	3	7.5									1				1		160		
288.8	34R-CC	>20							30			20		9		1						2	+					23	1		225		94
296.2	35R-CC	Smear							R			+																			0		
296.2	35R-CC	>20		1					13			15		12					+	1			+	+	5			14	16		214	566	
308.8	36R-CC	Smear																													0		
308.8	36R-CC	>20							12			11	9	1																	213		
322.9	38R-CC	Smear												6			+			1										2	117.5		
334.0	39R-CC	Smear								1				4		+	+			+								+			108.5		
343.8	40R-CC	Smear															+			2									+	+	114		
354.0	42R-CC	Smear																		+			+								0		
354.0	41R-CC	>20												1					+				1		+						18		
365.4	44R-CC	Smear						?1	2	2									+	4	+		1						3		34		
373.6	45R-CC	Smear		1										2					+	6						1		1	+	2	44		
382.7	46R-CC	Smear																													0		
401.2	48R-CC	Smear																		2					+			+	3	1	20		
401.2	48R-CC	>20											1						+					1	10	2		1			19		
419.8	50R-CC	Smear		1						1									+	6					2			+	3	4	52		
419.8	50R-CC	>20		2															+						1		3	3	3		39		
428.8	51R-1, 22	Smear																													0		

Notes: Smear slides and sieved (>20 µm) slides were used. Abundance: A = abundant, C = common, F = few, R = rare, + = present. Preservation: G = good, M = moderate, P = poor. Fields of view observed under the objective lens of 40× and 63× were partially recorded.

M. IWAI AND D. WINTER
NEOGENE DIATOMS

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Chapter 35, Table T2. Stratigraphic occurrence of diatom species Site 1097.

Seismic Unit	Diatom Zones	Observer	Depth (mbsf)	Core, section, interval (cm)	Sample preparation method	Abundance of diatom fragments	Abundance of diatom frustules	Preservation	Planktonic diatoms:	*Actinocyclus ingens* s.s.	*Actinocyclus ingens* var. *ovalis*	*Actinocyclus karstenii*	*Actinocyclus* cf. *octonarius*	*Actinocyclus* aff. *octonarius*	*Asteromphalus* spp.	*Azpeitia tabularis*	*Chaetoceros* spp.	*Corethron* spp.	*Coscinodiscus asteromphalus*
		MI		178-1097A-															
	T. lentiginosa Zone	MI	0.0	1R-CC	Smear		+												
		MI	7.5	2R-CC	Smear		+												
S1		MI	63.3	8R-CC	Smear		R	P		+							+		
		MI	63.3	8R-CC	>20		R	P		3		+	6						
		MI	73.3	9R-CC	Smear		C	P											
	?	MI	73.3	9R-CC	>20		F	M				1	4			6			1
		MI	83.4	10R-CC	Smear		F	P											
		MI	83.4	10R-CC	>20		R	M				1	3	2					
		MI	92.7	11R-CC	Smear		F	M											
		MI	92.7	11R-CC	>20		R	M				+	6			3			
		MI	103.9	12R-CC	Smear		+	P											
		MI	103.9	12R-CC	>20		VR	P		1		10	1						
		MI	112.6	13R-CC	Smear							F							
S2		MI	112.6	13R-CC	>20		R	M				28	2	1					
		MI	117.2	14R-CC	Smear							F							
		MI	117.2	14R-CC	>20		VR	M				14	8	2					
		MI	122.8	15R-CC	Smear							F							
	T. inura Zone subzone b	MI	126.0	16R-1, 26	Smear														
		MI	126.4	16R-CC	Smear		C	M				R							
		MI	126.4	16R-CC	>20		A	M				R							
		MI	133.3	17R-CC	Smear							F							
		MI	140.3	18R-1, 4-5	>20		F	P				20	11				2		
		MI	141.2	18R-CC	Smear		+					+							
		MI	150.2	19R-1, 32-33	>20		F	P				19	2	3					
		MI	151.1	19R-CC	Smear		C	M-P											
		MI	151.1	19R-CC	>20		C	M				30	1	4					
		MI	169.3	22R-CC	Smear		C	P					+						
		MI	179.3	23R-1, 42-43	>20		C	M				14	6				2		
		MI	179.7	23R-CC	Smear		C	M-P				+							
		MI	188.7	24R-CC	Smear		F	P									+		
		MI	188.7	24R-CC	>20		f	M				4	5		+	1	2		4
		MI	198.3	25R-1, 24-25	>20		F	M				10	1	1					
		MI	198.4	25R-1, 24	Smear		C	P											
	T. inura Zone subzone a	MI	198.5	25R-1, 72-73	>20		F	M				4		3					
		MI	199.6	25R-1, 147-151	Smear		F	P											
		MI	199.6	25R-CC	>20		F	M				13	5	3				1	
		MI	208.9	26R-CC	Smear		R	P											
		MI	208.9	26R-CC	>20		R	P				13	23	8					
S3		MI	217.5	27R-1, 21-22	Smear		C	M-P											
		MI	217.5	27R-1, 21-22	>20		F	M				16		24			3		3
		MI	217.6	27R-1, 30	Smear														
		MI	218.1	27R-1, 82	Smear														
	T. oestrupii Zone - *N. reinholdii* Zone?	MI	265.6	32R-CC	Smear														
		MI	265.6	32R-CC	>20		R	P				R	+						
		MI	275.5	33R-CC	Smear					+	+	+							
		MI	287.8	34R-3, 33	Smear		F	M-P				+	R						
		MI	288.6	34R-3, 108	Smear		F	P											
		MI	288.8	34R-CC	Smear		F	M			1		2			+	48		
		MI	288.8	34R-CC	>20		C	M			1	4	19	2		+	4	2	1
	A. ingens var. *ovalis* Zone	MI	296.2	35R-CC	Smear		F												
		MI	296.2	35R-CC	>20	F	R	M		3	12	4	17	24					+
		MI	308.8	36R-CC	Smear		F												
		MI	308.8	36R-CC	>20		A	M-P											
		MI	322.9	38R-CC	Smear		R	M					1				11		
		MI	334.0	39R-CC	Smear		R	M					1				5		
		MI	343.8	40R-CC	Smear		R	M					2				3		

Table T2 (continued).

Coscinodiscus marginatus	*Coscinodiscus oculus-iridus*	*Denticulopsis delicata*	*Denticulopsis simonsenii* s.l.	*Eucampia antarctica*	*Fragilariopsis arcula*	*Fragilariopsis aurica*	*Fragilariopsis kerguelensis*	*Fragilariopsis lacrima*	*Fragilariopsis praecurta*	*Fragilariopsis praeinterfrigidaria*	*Hemidiscus karstenii*	*Nitzschia clementia*	*Nitzschia reinholdii*	*Nitzschia* spp.	*Odontella* spp.	*Odontella?* sp.	*Paralia sulcata*	*Rhizosolenia setigera*	*Rhizosolenia styliformis*	*Rhizosolenia* spp.	*Rouxia* spp.	*Stellarima* spp.	*Stephanogonia* spp.	*Stephanopyxis* spp.	*Stictodiscus* spp.	*Synedra* spp.	*Thalassionema nitzschioides*	*Thalassiosira complicata*	*Thalassiosira fasciculata*	*Thalassiosira inura*	*Thalassiosira* aff. *inura*	*Thalassiosira lentiginosa*	*Thalassiosira mahoodii*	*Thalassiosira oestrupii* s.l.
							+																										
+		+	+				+																				+						
		+	R			+											R		R			R				+		+					
	1																3					21		2						3				
														+								+		+				+			+			
			+														1					3		93				+				2			
			+																+					+				+		+				
			+	+						+												3		97			0.5							
1			+	+						+			+							+		6		128				R	+	R	+			
									+													10		14	+					1				
	1			1											1							8		52				+						
	1			2											1					+	1	4		43				+			1			1
						+							+															+		+				
						F			R												+									+				
				F						+			+		F				R			F		F		R		F		R				
													+																					
				1															1	1		51	2	103			2.5			+		1		
																															+				
	1			1																		31	3	51			3.5							
		+	+	R	+	R		+		+			+						F			R				F		R		R				
	2			4										2								60	1	91						2				1
						+													F					+			C			+	+			
1	8	+	1	22																1		115	3	15		2	3.5			1				
			R	R	+	R				+			+						R		+					F	+			+	+			
			+	R	R	R													+												+	R			
	.	1		11					1												1	37	5	51			3.5							
	4		2	6	3	1									2				1			53	4	75			24			1				
				+		+																F				F	+				+			
	1		1	5		2								1					4			30	1	34			10.5							1
																			R							R							
			+	2									+						2			21	+	35		1.5	16.5			+	+			
				3							1											3												
			+	R		F		+	+					F			+		R		R	R								R	F			
				10								1									1	26					2.5							
					R	R			+								+				R										R				
						R			+										F															
																						R		R	+						?+			
			+																F															
			R							?+					+			F	R												+		+	
			+															+	+			+									+			
		1	+			1			+		2			6			37		15	3	2						1.5					1	
			6	4												2	62	1	1	5	+	25			+								
																	F																
2	1																28			1		45									1			
			+														C																	
				5													135					40												
		+	+	2													83		3	6		1					1.5							
		+	1														90		1	5							0.5							
			2														83		8	9		3			1		1							

Table T2 (continued).

Thalassiosira cf. *oestrupii*	*Thalassiosira oliverana*	*Thalassiosira oliverana* v. *sparsa*	*Thalassiosira striata*	*Thalassiosira torokina*	*Thalassiosira* aff. *trifulta*	*Thalassiosira* spp.	*Thalassiothrix antarctica*	*Thalassiothrix* spp.	*Thalassiothrix* and *Thalassionema* fragments	Benthic diatoms:	*Arachnoidiscus ehrenbergii*	*Cocconeis* spp.	*Delphineis* spp.	*Diploneis* spp.	*Grammatophora* spp.	*Hyalodiscus* spp.	*Melosira* spp.	*Navicula* spp.	*Rhabdonema* spp.	*Trinacria* spp.	Other Centrales	Other Pennates	Total counted	Fields of view observed at ×40	Fields of view observed at ×63
																							0	
								+	+														0	
			+					+												+			0	
				1							+						2			5	4	1	52		
+																							0	
1	4			14																			130		
	+			+																			0		
				5		4															2		117.5	205	
R	R			+																			0		
				11		1															3		159	83	
											+												0		
	2			2		1															1		43	960	
+				F																			0		
	2	2		18		3																	119	822	
+	+			+																			0		
	2			10																	4		94	868	
+																							0		
																							0		
																							0		
	F		R	R																			0		
				R																			0		
1				12				0.5				1									5		215	400	
				+																			0		
				10		3		0.5															128	140	
	+			R																	+		0		
	2			26		4																	230	33	
+	+																						0		
	2			24		1		1.5													7		230		
R				R										+									0		
				R										+									0		
				16		3					+										4		149.5		
2	2			24		4		1															221	111	
	+			R				F															0		
1	1			28				2.5				1					1				1		133	57	
																							0		
	3			9		3															8		123	361	
																							0		
	3			24																	8		86		748
				R					C														0		
				10		1		5.5													5		108	113	
				R																			0		
+				R																			0		
		+		+																			0		
																							0		
		+		R					F														0		
		+		+		R						R									+		0		
	+	R		+		+																	0		
?+	4	1				22	3	7.5									1				1		160		
	30			20		9		1						2	+					23	1		225		94
	R			+																			0		
	13			15		12					+	1			+	+	5			14	16		214	566	
																							0		
	12			11	9	1																	213		
						6			+			1										2	117.5		
		1				4		+	+			+								+			108.5		
									+			2									+	+	114		

Table T2 (continued).

S3	*A. ingens* var. *ovalis* Zone	MI	354.0	42R-CC	Smear		R	P			+	+
		MI	354.0	41R-CC	>20		VR	M				
		MI	365.4	44R-CC	Smear		R	P		2		2
		MI	373.6	45R-CC	Smear		R	P		1	+	6
		MI	382.7	46R-CC	Smear		R	P				
		MI	401.2	48R-CC	Smear		R	P		1	1	2
		MI	401.2	48R-CC	>20		VR	P		1	1	
		MI	419.8	50R-CC	Smear		R	P		2		11
		MI	419.8	50R-CC	>20		F	M		10	3	
	?	MI	428.8	51R-1, 22	Smear		+	P				

Table T2 (continued).

			+														R	+	R															
																	15					1												
			4	1										1			4	1	2	3		1												
		+	6											1			1	2	12		+	2									1			
		+	1	1									1				1	1	4			1												
																		1				+			1									
		+	5	1					1					1				2	5	3		4									1			
1	1																1					10			1						2			

Table T2 (continued).

												+			+								0		
						1					+				1		+						18		
?1	2	2									+	4	+		1						3		34		
						2					+	6						1		1	+	2	44		
																							0		
												2					+			+	3	1	20		
					1						+					1	10	2		1			19		
		1									+	6					2			+	3	4	52		
											+						1		3	3	3		39		
																							0		