Ms-189SR-110, Table T2. Quantitative stratigraphic distribution of calcareous nannofossils across the Oligocene/Miocene boundary, Hole 1168A.

Age	Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	Braarudosphaera bigelowii	Calcidiscus fuscus	Calcidiscus kingii	Calcidiscus leptoporus	Calcidiscus radiatus	Calcidiscus tropicus	Camuralithus pelliculatus	Clausicoccus fenestratus	Clausicoccus obrutus	Coccolithus miopelagicus	Coccolithus pelagicus	Coccolithus pelagicus >12 µm	Coronocyclus aff. prionion	Coronocyclus nitescens	Cyclicargolithus abisectus	Cyclicargolithus abisectus <10 µm	Cyclicargolithus floridanus	Discoaster deflandrei	Discoaster spp. (5 ray)	Discoaster spp. (6 ray)	Helicosphaera bramlettei	Helicosphaera compacta	Helicosphaera elongata	Helicosphaera euphratis	Helicosphaera obliqua	Helicosphaera orientalis	Helicosphaera paleocarteri	Helicosphaera perch-nielsenae	Helicosphaera recta	Helicosphaera wilcoxonii	Hughesius gizoensis	Hughesius tasmaniae	Ilselithina fusa	Pontosphaera anisotrema	Pontosphaera multipora	Pontosphaera spp.	Pyrocyclus hermosus	Pyrocyclus orangensis	Reticulofenestra bisecta bisecta	Reticulofenestra bisecta filewiczii	Reticulofenestra coenura	Reticulofenestra hampdenensis	Reticulofenestra haqii	Reticulofenestra lockeri	Reticulofenestra minuta	Reticulofenestra minutula	Reticulofenestra stavensis	Rhabdosphaera gladius	Rhabdosphaera procera	Sphenolithus calyculus	Sphenolithus capricornutus	Sphenolithus compactus	Sphenolithus conicus	Sphenolithus delphix	Sphenolithus dissimilis	Sphenolithus moriformis	Sphenolithus moriformis <6 µm	Sphenolithus spp.	Tetralithoides symeonidesii	Triquetrorhabdulus carinatus	Triquetrorhabdulus challengeri	Triquetrorhabdulus milowii	Umbilicosphaera jafari	Umbilicosphaera spp.	Zygrhablithus bijugatus
		189-1168A-																																																																
		40X-1, 2–4	367.62	M	A											33	2				1	21			1							1								1			1					20		26	191										6									
		40X-1, 40–42	368.00	M	A		2									28	1					163			5							1					1											29		4	90										4									
		40X-1, 60–62	368.20	M	A											56	1		2		1	37		1	1																							2		2	208										6									
		40X-1, 80–82	368.40	P	A											62					1	73	4		6																							47			117										6									
		40X-1, 120–122	368.80	M	A											50			1		13	36			1												1						1					32		17	162										6	1						2		
		40X-1, 140–142	369.00	M	A			1								33			1		6	54	1		2												3											56		5	138										4									
		40X-2, 2–4	369.12	M	A			1								40					9	56			3																							53		3	134						2				3									
		40X-2, 40–42	369.50	M	A		1	2	1							53			1		1	48			1															1			1					33			152										8									
		40X-2, 60–62	369.70	M	A				1							65			1		2	71																					1								198										3									
		40X-2, 80–82	369.90	M	A											59					1	57			1																							14		29	137									1	4									
		40X-2, 120–122	370.30	P	A		1	1	2							64					2	59	1		3																		1					32		16	120										5									
		40X-2, 140–142	370.50	P	A			1	1							89			1		1	73	1		3																							1		8	124										1									
		40X-3, 2–4	370.62	M	A			1	2							88	3				9	155			5												1											2		7	46										7									
		40X-3, 40–42	371.00	M	A											101	1				5	102	2						1			1				2			1	1								10			124									1	5									
		40X-3, 62–64	371.22	M	A											39			1		2	40			1																		1					8		26	204										13									
		40X-3, 82–84	371.42	M	A			1								22	7		1		12	104			2							1								1			1					9		17	135										5							1		
		40X-3, 120–122	371.80	M	A											33	6		1		16	50	4														4						1					2		7	175										10									
		40X-3, 140–142	372.00	M	A											37	3		1		15	105			1							4	2			2	1		2	2			1					19		22	78										7									
		40X-4, 2–4	372.12	P	A											16	1				3	47			1												5		1	2								3		16	206										4									
		40X-4, 40–42	372.50	M	A				1							24			1		14	63			1	1			1			1	1				1			2								15	4	9	164										10			1				3		
		40X-4, 62–64	372.72	M	A											33			2		6	50	1		3												1			1								33		8	170										5									
		40X-4, 82–84	372.92	P	A											35					17	26			4							1							1									36		42	178										3							1		
		40X-4, 120–122	373.30	M	A											40					4	39	2		1	1											1		1									76			147										5									
		40X-4, 140–142	373.50	M	A				3		2					38					19	39	3		3												1						3					57		8	130										11									
		40X-5, 2–4	373.62	M	A				2		1					45			1		6	25	2	1	2				1	2													2							12	203										7									
		40X-5, 40–42	374.00	M	A											71					10	30															1											10	1	4	171										9									
		40X-5, 58–60	374.18	M	A		2				3					73	2				8	35	1						1	1							1			2			1					40		10	133										5			1						
		40X-5, 80–82	374.40	M	A				1							90	2		1		5	30			2																		2					29		6	155										4							1		

Table T2. Quantitative stratigraphic distribution of calcareous nannofossils across the Oligocene/Miocene boundary, Hole 1168A. (See table notes. Continued on next 48 pages.)

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Braarudosphaera bigelowii*	*Calcidiscus fuscus*	*Calcidiscus kingii*	*Calcidiscus leptoporus*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Camuralithus pelliculatus*	*Clausicoccus fenestratus*	*Clausicoccus obrutus*	*Coccolithus miopelagicus*
			189-1168A-													
			40X-1, 2–4	367.62	M	A										
			40X-1, 40–42	368.00	M	A		2								
			40X-1, 60–62	368.20	M	A										
			40X-1, 80–82	368.40	P	A										
			40X-1, 120–122	368.80	M	A										
			40X-1, 140–142	369.00	M	A			1							
			40X-2, 2–4	369.12	M	A			1							
			40X-2, 40–42	369.50	M	A		1	2	1						
			40X-2, 60–62	369.70	M	A				1						
			40X-2, 80–82	369.90	M	A										
			40X-2, 120–122	370.30	P	A		1	1	2						
			40X-2, 140–142	370.50	P	A			1	1						
			40X-3, 2–4	370.62	M	A			1	2						
			40X-3, 40–42	371.00	M	A										
			40X-3, 62–64	371.22	M	A										
			40X-3, 82–84	371.42	M	A			1							
			40X-3, 120–122	371.80	M	A										
			40X-3, 140–142	372.00	M	A										
			40X-4, 2–4	372.12	P	A										
			40X-4, 40–42	372.50	M	A				1						
			40X-4, 62–64	372.72	M	A										
			40X-4, 82–84	372.92	P	A										
			40X-4, 120–122	373.30	M	A										
			40X-4, 140–142	373.50	M	A				3		2				
Miocene	early	CN1c	40X-5, 2–4	373.62	M	A				2		1				
			40X-5, 40–42	374.00	M	A										
			40X-5, 58–60	374.18	M	A		2				3				
			40X-5, 80–82	374.40	M	A				1						
			40X-5, 120–122	374.80	M	A						1				
			40X-5, 140–142	375.00	M	A		2		1						
			40X-6, 2–4	375.12	M	A						1				
			40X-6, 40–42	375.50	M	A		1				1				
			40X-6, 58–60	375.68	M	A		1		1						
			40X-6, 80–82	375.90	M	A										
			41X-1, 2–4	377.32	M	A						1				
			41X-1, 40–42	377.70	M	A						1				
			41X-1, 62–64	377.92	M	A				1		4				
			41X-1, 78–80	378.08	M	A										
			41X-1, 120–122	378.50	M	A						2				
			41X-1, 140–142	378.70	M	A		2				2				
			41X-2, 2–4	378.82	M	A		2		1						
			41X-2, 40–42	379.20	M	A										
			41X-2, 58–60	379.38	M	A										
			41X-2, 78–80	379.58	M	A						1				
			41X-2, 120–122	380.00	M	A						3				
			41X-2, 140–142	380.20	M	A										
			41X-3, 2–4	380.32	M	A		1		1		4				
			41X-3, 40–42	380.70	M	A						9				
			41X-3, 59–61	380.89	M	A										
			41X-3, 78–80	381.08	M	A										
			41X-3, 120–122	381.50	M	A		1								
			41X-4, 2–4	381.82	M	A				1						
			41X-4, 40–42	382.20	M	A				3		1				
			41X-4, 57-058	382.37	M	A				1						
			41X-4, 58-059	382.38	M	A										
			41X-4, 78–80	382.58	M	A		4		2						
			41X-4, 120–122	383.00	M	A		1		1					1	
			41X-4, 140–142	383.20	M	A									3	
			41X-5, 2–4	383.32	M	A		8		3	1	5				

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Coccolithus pelagicus*	*Coccolithus pelagicus* >12 µm	*Coronocyclus* aff. *prionion*	*Coronocyclus nitescens*	*Cyclicargolithus abisectus*	*Cyclicargolithus abisectus* <10 µm	*Cyclicargolithus floridanus*	*Discoaster deflandrei*	*Discoaster* spp. (5 ray)	*Discoaster* spp. (6 ray)
			189-1168A-													
			40X-1, 2–4	367.62	M	A	33	2				1	21			1
			40X-1, 40–42	368.00	M	A	28	1					163			5
			40X-1, 60–62	368.20	M	A	56	1		2		1	37		1	1
			40X-1, 80–82	368.40	P	A	62					1	73	4		6
			40X-1, 120–122	368.80	M	A	50			1		13	36			1
			40X-1, 140–142	369.00	M	A	33			1		6	54	1		2
			40X-2, 2–4	369.12	M	A	40					9	56			3
			40X-2, 40–42	369.50	M	A	53			1		1	48			1
			40X-2, 60–62	369.70	M	A	65			1		2	71			
			40X-2, 80–82	369.90	M	A	59					1	57			1
			40X-2, 120–122	370.30	P	A	64					2	59	1		3
			40X-2, 140–142	370.50	P	A	89			1		1	73	1		3
			40X-3, 2–4	370.62	M	A	88	3				9	155			5
			40X-3, 40–42	371.00	M	A	101	1				5	102	2		
			40X-3, 62–64	371.22	M	A	39			1		2	40			1
			40X-3, 82–84	371.42	M	A	22	7		1		12	104			2
			40X-3, 120–122	371.80	M	A	33	6		1		16	50	4		
			40X-3, 140–142	372.00	M	A	37	3		1		15	105			1
			40X-4, 2–4	372.12	P	A	16	1				3	47			1
			40X-4, 40–42	372.50	M	A	24			1		14	63			1
			40X-4, 62–64	372.72	M	A	33			2		6	50	1		3
			40X-4, 82–84	372.92	P	A	35					17	26			4
			40X-4, 120–122	373.30	M	A	40					4	39	2		1
			40X-4, 140–142	373.50	M	A	38					19	39	3		3
Miocene	early	CN1c	40X-5, 2–4	373.62	M	A	45			1		6	25	2	1	2
			40X-5, 40–42	374.00	M	A	71					10	30			
			40X-5, 58–60	374.18	M	A	73	2				8	35	1		
			40X-5, 80–82	374.40	M	A	90	2		1		5	30			2
			40X-5, 120–122	374.80	M	A	61	1		1		4	13			2
			40X-5, 140–142	375.00	M	A	71	5		1			37	2		
			40X-6, 2–4	375.12	M	A	62	3				5	46			2
			40X-6, 40–42	375.50	M	A	60	1				19	37	2		6
			40X-6, 58–60	375.68	M	A	52	3				7	46			3
			40X-6, 80–82	375.90	M	A	51	2					24			1
			41X-1, 2–4	377.32	M	A	52	1		1		1	92			3
			41X-1, 40–42	377.70	M	A	121	2				12	39			1
			41X-1, 62–64	377.92	M	A	55	1					6			
			41X-1, 78–80	378.08	M	A	60	4		2		2	41			
			41X-1, 120–122	378.50	M	A	56	5		2		2	25	2		
			41X-1, 140–142	378.70	M	A	42	5		2		8	61		1	2
			41X-2, 2–4	378.82	M	A	50	2				13	27			1
			41X-2, 40–42	379.20	M	A	76	3				7	92			1
			41X-2, 58–60	379.38	M	A	78	4		1		17	90			
			41X-2, 78–80	379.58	M	A	43					6	79			
			41X-2, 120–122	380.00	M	A	38					14	109	1		3
			41X-2, 140–142	380.20	M	A	54					12	87	2		2
			41X-3, 2–4	380.32	M	A	12			1		13	47		1	1
			41X-3, 40–42	380.70	M	A	43			1		3	167	4		5
			41X-3, 59–61	380.89	M	A	36			2		1	66	1		8
			41X-3, 78–80	381.08	M	A	42	1				12	97		1	
			41X-3, 120–122	381.50	M	A	59	4					44			
			41X-4, 2–4	381.82	M	A	72	8		1		1	53	2		
			41X-4, 40–42	382.20	M	A	52	10				6	88	1		1
			41X-4, 57-058	382.37	M	A	62	6		1		3	106	1		2
			41X-4, 58-059	382.38	M	A	11			1		1	182	5		
			41X-4, 78–80	382.58	M	A	42	8				10	69			
			41X-4, 120–122	383.00	M	A	13					1	196	4		6
			41X-4, 140–142	383.20	M	A	11					3	148	3		3
			41X-5, 2–4	383.32	M	A	62	13		1		3	61	3		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Helicosphaera bramlettei*	*Helicosphaera compacta*	*Helicosphaera elongata*	*Helicosphaera euphratis*	*Helicosphaera obliqua*	*Helicosphaera orientalis*	*Helicosphaera paleocarteri*	*Helicosphaera perch-nielsenae*	*Helicosphaera recta*	*Helicosphaera wilcoxonii*
			189-1168A-													
			40X-1, 2–4	367.62	M	A							1			
			40X-1, 40–42	368.00	M	A							1			
			40X-1, 60–62	368.20	M	A										
			40X-1, 80–82	368.40	P	A										
			40X-1, 120–122	368.80	M	A										
			40X-1, 140–142	369.00	M	A										
			40X-2, 2–4	369.12	M	A										
			40X-2, 40–42	369.50	M	A										
			40X-2, 60–62	369.70	M	A										
			40X-2, 80–82	369.90	M	A										
			40X-2, 120–122	370.30	P	A										
			40X-2, 140–142	370.50	P	A										
			40X-3, 2–4	370.62	M	A										
			40X-3, 40–42	371.00	M	A				1			1			
			40X-3, 62–64	371.22	M	A										
			40X-3, 82–84	371.42	M	A							1			
			40X-3, 120–122	371.80	M	A										
			40X-3, 140–142	372.00	M	A							4	2		
			40X-4, 2–4	372.12	P	A										
			40X-4, 40–42	372.50	M	A	1			1			1	1		
			40X-4, 62–64	372.72	M	A										
			40X-4, 82–84	372.92	P	A							1			
			40X-4, 120–122	373.30	M	A	1									
			40X-4, 140–142	373.50	M	A										
Miocene	early	CN1c	40X-5, 2–4	373.62	M	A				1	2					
			40X-5, 40–42	374.00	M	A										
			40X-5, 58–60	374.18	M	A				1	1					
			40X-5, 80–82	374.40	M	A										
			40X-5, 120–122	374.80	M	A				1			1			
			40X-5, 140–142	375.00	M	A							1			
			40X-6, 2–4	375.12	M	A										
			40X-6, 40–42	375.50	M	A				1						
			40X-6, 58–60	375.68	M	A	1			1			2			
			40X-6, 80–82	375.90	M	A										
			41X-1, 2–4	377.32	M	A							1			
			41X-1, 40–42	377.70	M	A										
			41X-1, 62–64	377.92	M	A							1	1		
			41X-1, 78–80	378.08	M	A				1						
			41X-1, 120–122	378.50	M	A	1			2	1					
			41X-1, 140–142	378.70	M	A				1						
			41X-2, 2–4	378.82	M	A										
			41X-2, 40–42	379.20	M	A										
			41X-2, 58–60	379.38	M	A										
			41X-2, 78–80	379.58	M	A										
			41X-2, 120–122	380.00	M	A			1							
			41X-2, 140–142	380.20	M	A										
			41X-3, 2–4	380.32	M	A				1	2			2		
			41X-3, 40–42	380.70	M	A										
			41X-3, 59–61	380.89	M	A					1					
			41X-3, 78–80	381.08	M	A										
			41X-3, 120–122	381.50	M	A				1						
			41X-4, 2–4	381.82	M	A				1	1					
			41X-4, 40–42	382.20	M	A				1						
			41X-4, 57-058	382.37	M	A					1					
			41X-4, 58-059	382.38	M	A				3	1					
			41X-4, 78–80	382.58	M	A				1						
			41X-4, 120–122	383.00	M	A										
			41X-4, 140–142	383.20	M	A	1			2						
			41X-5, 2–4	383.32	M	A		1			1					

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Hughesius gizoensis*	*Hughesius tasmaniae*	*Ilselithina fusa*	*Pontosphaera anisotrema*	*Pontosphaera multipora*	*Pontosphaera* spp.	*Pyrocyclus hermosus*	*Pyrocyclus orangensis*	*Reticulofenestra bisecta bisecta*	*Reticulofenestra bisecta filewiczii*
			189-1168A-													
			40X-1, 2–4	367.62	M	A					1			1		
			40X-1, 40–42	368.00	M	A		1								
			40X-1, 60–62	368.20	M	A										
			40X-1, 80–82	368.40	P	A										
			40X-1, 120–122	368.80	M	A		1						1		
			40X-1, 140–142	369.00	M	A		3								
			40X-2, 2–4	369.12	M	A										
			40X-2, 40–42	369.50	M	A					1			1		
			40X-2, 60–62	369.70	M	A								1		
			40X-2, 80–82	369.90	M	A										
			40X-2, 120–122	370.30	P	A								1		
			40X-2, 140–142	370.50	P	A										
			40X-3, 2–4	370.62	M	A		1								
			40X-3, 40–42	371.00	M	A	2			1	1					
			40X-3, 62–64	371.22	M	A								1		
			40X-3, 82–84	371.42	M	A					1			1		
			40X-3, 120–122	371.80	M	A		4						1		
			40X-3, 140–142	372.00	M	A	2	1		2	2			1		
			40X-4, 2–4	372.12	P	A		5		1	2					
			40X-4, 40–42	372.50	M	A		1			2					
			40X-4, 62–64	372.72	M	A		1			1					
			40X-4, 82–84	372.92	P	A				1						
			40X-4, 120–122	373.30	M	A		1		1						
			40X-4, 140–142	373.50	M	A		1						3		
Miocene	early	CN1c	40X-5, 2–4	373.62	M	A								2		
			40X-5, 40–42	374.00	M	A		1								
			40X-5, 58–60	374.18	M	A		1			2			1		
			40X-5, 80–82	374.40	M	A								2		
			40X-5, 120–122	374.80	M	A		1								
			40X-5, 140–142	375.00	M	A					1			1		
			40X-6, 2–4	375.12	M	A								1		
			40X-6, 40–42	375.50	M	A										
			40X-6, 58–60	375.68	M	A		1						1		
			40X-6, 80–82	375.90	M	A				1						
			41X-1, 2–4	377.32	M	A		2			4					
			41X-1, 40–42	377.70	M	A										
			41X-1, 62–64	377.92	M	A										
			41X-1, 78–80	378.08	M	A								1		
			41X-1, 120–122	378.50	M	A					2					
			41X-1, 140–142	378.70	M	A					1					
			41X-2, 2–4	378.82	M	A		1			2			2		
			41X-2, 40–42	379.20	M	A		1			1			5		
			41X-2, 58–60	379.38	M	A								1		
			41X-2, 78–80	379.58	M	A		1						2		
			41X-2, 120–122	380.00	M	A		2						1		
			41X-2, 140–142	380.20	M	A										
			41X-3, 2–4	380.32	M	A			1					1		
			41X-3, 40–42	380.70	M	A								1		
			41X-3, 59–61	380.89	M	A		6		1				3		
			41X-3, 78–80	381.08	M	A	1	5			1			2		
			41X-3, 120–122	381.50	M	A	1	1			1					
			41X-4, 2–4	381.82	M	A								2		
			41X-4, 40–42	382.20	M	A					1					
			41X-4, 57-058	382.37	M	A								4		
			41X-4, 58-059	382.38	M	A			3		1			4		
			41X-4, 78–80	382.58	M	A		2								
			41X-4, 120–122	383.00	M	A		6						2		
			41X-4, 140–142	383.20	M	A		4								
			41X-5, 2–4	383.32	M	A			1		1			3		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Reticulofenestra coenura*	*Reticulofenestra hampdenensis*	*Reticulofenestra haqii*	*Reticulofenestra lockeri*	*Reticulofenestra minuta*	*Reticulofenestra minutula*	*Reticulofenestra stavensis*	*Rhabdosphaera gladius*	*Rhabdosphaera procera*	*Sphenolithus calyculus*
			189-1168A-													
			40X-1, 2–4	367.62	M	A			20		26	191				
			40X-1, 40–42	368.00	M	A			29		4	90				
			40X-1, 60–62	368.20	M	A			2		2	208				
			40X-1, 80–82	368.40	P	A			47			117				
			40X-1, 120–122	368.80	M	A			32		17	162				
			40X-1, 140–142	369.00	M	A			56		5	138				
			40X-2, 2–4	369.12	M	A			53		3	134				
			40X-2, 40–42	369.50	M	A			33			152				
			40X-2, 60–62	369.70	M	A						198				
			40X-2, 80–82	369.90	M	A			14		29	137				
			40X-2, 120–122	370.30	P	A			32		16	120				
			40X-2, 140–142	370.50	P	A			1		8	124				
			40X-3, 2–4	370.62	M	A			2		7	46				
			40X-3, 40–42	371.00	M	A			10			124				
			40X-3, 62–64	371.22	M	A			8		26	204				
			40X-3, 82–84	371.42	M	A			9		17	135				
			40X-3, 120–122	371.80	M	A			2		7	175				
			40X-3, 140–142	372.00	M	A			19		22	78				
			40X-4, 2–4	372.12	P	A			3		16	206				
			40X-4, 40–42	372.50	M	A			15	4	9	164				
			40X-4, 62–64	372.72	M	A			33		8	170				
			40X-4, 82–84	372.92	P	A			36		42	178				
			40X-4, 120–122	373.30	M	A			76			147				
			40X-4, 140–142	373.50	M	A			57		8	130				
Miocene	early	CN1c	40X-5, 2–4	373.62	M	A					12	203				
			40X-5, 40–42	374.00	M	A			10	1	4	171				
			40X-5, 58–60	374.18	M	A			40		10	133				
			40X-5, 80–82	374.40	M	A			29		6	155				
			40X-5, 120–122	374.80	M	A			3		5	209				
			40X-5, 140–142	375.00	M	A			40		19	160				
			40X-6, 2–4	375.12	M	A			22		9	142				
			40X-6, 40–42	375.50	M	A			26			190				
			40X-6, 58–60	375.68	M	A			24		7	143				
			40X-6, 80–82	375.90	M	A			2		2	268				
			41X-1, 2–4	377.32	M	A	4		21		6	106				
			41X-1, 40–42	377.70	M	A			31			111				
			41X-1, 62–64	377.92	M	A			42		6	181				
			41X-1, 78–80	378.08	M	A			47		45	115				
			41X-1, 120–122	378.50	M	A			141		6	103				
			41X-1, 140–142	378.70	M	A			54		10	151				
			41X-2, 2–4	378.82	M	A			22		4	183				
			41X-2, 40–42	379.20	M	A			62		4	97				
			41X-2, 58–60	379.38	M	A			44			101				
			41X-2, 78–80	379.58	M	A			15		10	138				
			41X-2, 120–122	380.00	M	A			53			52				
			41X-2, 140–142	380.20	M	A			57			88				1
			41X-3, 2–4	380.32	M	A			120		21	68				2
			41X-3, 40–42	380.70	M	A			7			51				3
			41X-3, 59–61	380.89	M	A			96		37	64				
			41X-3, 78–80	381.08	M	A			30		16	105				
			41X-3, 120–122	381.50	M	A			40		14	143				
			41X-4, 2–4	381.82	M	A			19		17	150				
			41X-4, 40–42	382.20	M	A			28		7	98				
			41X-4, 57-058	382.37	M	A			14		2	104				
			41X-4, 58-059	382.38	M	A			63		25	24				
			41X-4, 78–80	382.58	M	A			51		14	100				
			41X-4, 120–122	383.00	M	A			38		7	12				
			41X-4, 140–142	383.20	M	A			81	1	29	40				
			41X-5, 2–4	383.32	M	A			57		16	78				

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Sphenolithus capricornutus*	*Sphenolithus compactus*	*Sphenolithus conicus*	*Sphenolithus delphix*	*Sphenolithus dissimilis*	*Sphenolithus moriformis*	*Sphenolithus moriformis* <6 µm	*Sphenolithus* spp.	*Tetralithoides sygmeonidesii*	*Triquetrorhabdulus carinatus*
			189-1168A-													
			40X-1, 2–4	367.62	M	A						6				
			40X-1, 40–42	368.00	M	A						4				
			40X-1, 60–62	368.20	M	A						6				
			40X-1, 80–82	368.40	P	A						6				
			40X-1, 120–122	368.80	M	A						6	1			
			40X-1, 140–142	369.00	M	A						4				
			40X-2, 2–4	369.12	M	A		2				3				
			40X-2, 40–42	369.50	M	A						8				
			40X-2, 60–62	369.70	M	A						3				
			40X-2, 80–82	369.90	M	A					1	4				
			40X-2, 120–122	370.30	P	A						5				
			40X-2, 140–142	370.50	P	A						1				
			40X-3, 2–4	370.62	M	A						7				
			40X-3, 40–42	371.00	M	A					1	5				
			40X-3, 62–64	371.22	M	A						13				
			40X-3, 82–84	371.42	M	A						5				
			40X-3, 120–122	371.80	M	A						10				
			40X-3, 140–142	372.00	M	A						7				
			40X-4, 2–4	372.12	P	A						4				
			40X-4, 40–42	372.50	M	A						10			1	
			40X-4, 62–64	372.72	M	A						5				
			40X-4, 82–84	372.92	P	A						3				
			40X-4, 120–122	373.30	M	A						5				
			40X-4, 140–142	373.50	M	A						11				
Miocene	early	CN1c	40X-5, 2–4	373.62	M	A						7				
			40X-5, 40–42	374.00	M	A						9				
			40X-5, 58–60	374.18	M	A						5			1	
			40X-5, 80–82	374.40	M	A						4				
			40X-5, 120–122	374.80	M	A						4				
			40X-5, 140–142	375.00	M	A		1				8				
			40X-6, 2–4	375.12	M	A						12				
			40X-6, 40–42	375.50	M	A						3				
			40X-6, 58–60	375.68	M	A						12				
			40X-6, 80–82	375.90	M	A						8				
			41X-1, 2–4	377.32	M	A						15				
			41X-1, 40–42	377.70	M	A						6				
			41X-1, 62–64	377.92	M	A						4				
			41X-1, 78–80	378.08	M	A						7				
			41X-1, 120–122	378.50	M	A						6				
			41X-1, 140–142	378.70	M	A						2				
			41X-2, 2–4	378.82	M	A						4				
			41X-2, 40–42	379.20	M	A						3				
			41X-2, 58–60	379.38	M	A							1			
			41X-2, 78–80	379.58	M	A					2	6				
			41X-2, 120–122	380.00	M	A					3	21				
			41X-2, 140–142	380.20	M	A					1	7				
			41X-3, 2–4	380.32	M	A					1	7			1	
			41X-3, 40–42	380.70	M	A						12				
			41X-3, 59–61	380.89	M	A					2	6				
			41X-3, 78–80	381.08	M	A					1	15				
			41X-3, 120–122	381.50	M	A						8				
			41X-4, 2–4	381.82	M	A						7				
			41X-4, 40–42	382.20	M	A						5				
			41X-4, 57-058	382.37	M	A		1				9				
			41X-4, 58-059	382.38	M	A						7	1			
			41X-4, 78–80	382.58	M	A		1				12				
			41X-4, 120–122	383.00	M	A						10	1			
			41X-4, 140–142	383.20	M	A						4	2		1	
			41X-5, 2–4	383.32	M	A						8				

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Triquetrorhabdulus challengeri*	*Triquetrorhabdulus milowii*	*Umbilicosphaera jafari*	*Umbilicosphaera* spp.	*Zygrhablithus bijugatus*
			189-1168A-								
			40X-1, 2–4	367.62	M	A					
			40X-1, 40–42	368.00	M	A					
			40X-1, 60–62	368.20	M	A					
			40X-1, 80–82	368.40	P	A					
			40X-1, 120–122	368.80	M	A			2		
			40X-1, 140–142	369.00	M	A					
			40X-2, 2–4	369.12	M	A					
			40X-2, 40–42	369.50	M	A					
			40X-2, 60–62	369.70	M	A					
			40X-2, 80–82	369.90	M	A					
			40X-2, 120–122	370.30	P	A					
			40X-2, 140–142	370.50	P	A					
			40X-3, 2–4	370.62	M	A					
			40X-3, 40–42	371.00	M	A					
			40X-3, 62–64	371.22	M	A					
			40X-3, 82–84	371.42	M	A			1		
			40X-3, 120–122	371.80	M	A					
			40X-3, 140–142	372.00	M	A					
			40X-4, 2–4	372.12	P	A					
			40X-4, 40–42	372.50	M	A			3		
			40X-4, 62–64	372.72	M	A					
			40X-4, 82–84	372.92	P	A			1		
			40X-4, 120–122	373.30	M	A					
			40X-4, 140–142	373.50	M	A					
Miocene	early	CN1c	40X-5, 2–4	373.62	M	A					
			40X-5, 40–42	374.00	M	A					
			40X-5, 58–60	374.18	M	A					
			40X-5, 80–82	374.40	M	A			1		
			40X-5, 120–122	374.80	M	A			2		
			40X-5, 140–142	375.00	M	A					
			40X-6, 2–4	375.12	M	A					
			40X-6, 40–42	375.50	M	A					
			40X-6, 58–60	375.68	M	A					
			40X-6, 80–82	375.90	M	A					
			41X-1, 2–4	377.32	M	A					
			41X-1, 40–42	377.70	M	A					
			41X-1, 62–64	377.92	M	A			1		
			41X-1, 78–80	378.08	M	A					
			41X-1, 120–122	378.50	M	A			1		
			41X-1, 140–142	378.70	M	A					
			41X-2, 2–4	378.82	M	A					
			41X-2, 40–42	379.20	M	A					
			41X-2, 58–60	379.38	M	A			1		
			41X-2, 78–80	379.58	M	A					
			41X-2, 120–122	380.00	M	A			1		
			41X-2, 140–142	380.20	M	A					
			41X-3, 2–4	380.32	M	A					
			41X-3, 40–42	380.70	M	A					
			41X-3, 59–61	380.89	M	A			1		
			41X-3, 78–80	381.08	M	A					
			41X-3, 120–122	381.50	M	A					
			41X-4, 2–4	381.82	M	A					
			41X-4, 40–42	382.20	M	A					
			41X-4, 57-058	382.37	M	A					
			41X-4, 58-059	382.38	M	A			1		
			41X-4, 78–80	382.58	M	A					
			41X-4, 120–122	383.00	M	A			4		
			41X-4, 140–142	383.20	M	A			3		
			41X-5, 2–4	383.32	M	A					

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Braarudosphaera bigelowii*	*Calcidiscus fuscus*	*Calcidiscus kingii*	*Calcidiscus leptoporus*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Camuralithus pelliculatus*	*Clausicoccus fenestratus*	*Clausicoccus obrutus*	*Coccolithus miopelagicus*
			41X-5, 40–42	383.70	M	A		3		2		1				
			41X-5, 58–60	383.88	M	A		2		1	1					
			41X-5, 80–82	384.10	M	A						1				
			41X-5, 120–122	384.50	M	A		3		1						
			41X-5, 140–142	384.70	M	A				3		3				
			41X-6, 2–4	384.82	M	A				3		1				
			41X-6, 38–40	385.18	M	A		3		3	1					
			41X-6, 58–60	385.38	M	A				1	1	1				
			41X-6, 80–82	385.60	M	A		4		1	3	1				
			41X-6, 118–120	385.98	M	A		2								
			41X-7, 2–4	386.02	M	A		1								
			41X-7, 40–42	386.40	M	A		4				1			1	
			41X-CC, 2–4	386.59	M	A		3		1					2	
			41X-CC, 40–42	386.97	M	A		1		3		1				
			42X-1, 2–4	386.92	M	A		1								
			42X-1, 40–42	387.30	M	A									1	
			42X-1, 58–60	387.48	M	A		1							4	
			42X-1, 78–80	387.68	M	A						1				
			42X-1, 120–122	388.10	M	A		1				3			1	
			42X-1, 140–142	388.30	M	A		6								
			42X-2, 2–4	388.42	M	A										
			42X-2, 40–42	388.80	M	A		4								
			42X-2, 58–60	388.98	M	A				1		2				
			42X-2, 78–80	389.18	M	A				3						
			42X-2, 120–122	389.60	M	A										
			42X-2, 140–142	389.80	P	A		3			1	1				
Miocene	early	CN1c	42X-3, 2–4	389.92	M	A										
			42X-3, 40–42	390.30	M	A										
			42X-3, 58–60	390.48	P	A										
			42X-3, 78–80	390.68	M	A										
			42X-3, 120–122	391.10	M	A										
			42X-3, 140–142	391.30	M	A		1								
			42X-4, 2–4	391.42	M	A				2		2			3	
			42X-4, 40–42	391.80	M	A					1	3				
			42X-4, 78–80	392.18	M	A						1				
			42X-4, 120–122	392.60	M	A		1				1			1	
			42X-4, 140–142	392.80	M	A										
			42X-5, 2-4	392.92	M	A		1								
			42X-5, 40–42	393.30	M	A					1	1				
			42X-5, 58–60	393.48	M	A									1	
			42X-5, 80–82	393.70	M	A		1		1					1	
			42X-5, 120–122	394.10	M	A										
			42X-5, 140–142	394.30	M	A				1					2	
			42X-6, 2–4	394.42	M	A										
			42X-6, 40–42	394.80	M	A									5	
			42X-6, 58–60	394.98	M	A									2	
			42X-6, 80–82	395.20	M	A						1				
			42X-6, 120–122	395.60	M	A							1			
			42X-6, 140–142	395.80	M	A										
			42X-7, 2–4	395.92	M	A				1						1
			42X-7, 37–39	396.27	M	A										
			42X-CC, 2–4	396.31	M	A										
			42X-CC, 30–32	396.59	M	A						1				
			43X-1, 2–4	396.52	M	A									7	
			43X-1, 40–42	396.90	M	A		1							5	
			43X-1, 57–59	397.07	M	A									6	
			43X-1, 78–80	397.28	M	A					2	1			12	
			43X-1, 120–122	397.70	M	A				1					11	
			43X-1, 140–142	397.90	M	A									19	

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Coccolithus pelagicus*	*Coccolithus pelagicus* >12 µm	*Coronocyclus* aff. *prionion*	*Coronocyclus nitescens*	*Cyclicargolithus abisectus*	*Cyclicargolithus abisectus* <10 µm	*Cyclicargolithus floridanus*	*Discoaster deflandrei*	*Discoaster* spp. (5 ray)	*Discoaster* spp. (6 ray)
			41X-5, 40–42	383.70	M	A	28	9		1		2	38	2		
			41X-5, 58–60	383.88	M	A	54	10				2	34	2		1
			41X-5, 80–82	384.10	M	A	54	21					22	1		
			41X-5, 120–122	384.50	M	A	18					1	126	1		3
			41X-5, 140–142	384.70	M	A	15						155	2		
			41X-6, 2–4	384.82	M	A	57	8					104	3		
			41X-6, 38–40	385.18	M	A	61	4				3	91			
			41X-6, 58–60	385.38	M	A	54	7				11	68	1		2
			41X-6, 80–82	385.60	M	A	113			1		1	77			1
			41X-6, 118–120	385.98	M	A	37			1		6	60	1		3
			41X-7, 2–4	386.02	M	A	59					13	77	2		1
			41X-7, 40–42	386.40	M	A	38					6	83			
			41X-CC, 2–4	386.59	M	A	3					2	77			2
			41X-CC, 40–42	386.97	M	A	12						149			4
			42X-1, 2–4	386.92	M	A	52			1			87	8		3
			42X-1, 40–42	387.30	M	A	36	1				1	107			
			42X-1, 58–60	387.48	M	A	26						121	2		3
			42X-1, 78–80	387.68	M	A	22						53	3		1
			42X-1, 120–122	388.10	M	A	27						111			2
			42X-1, 140–142	388.30	M	A	33						139	2		2
			42X-2, 2–4	388.42	M	A	13						198	1		15
			42X-2, 40–42	388.80	M	A	19						150			6
			42X-2, 58–60	388.98	M	A	14						147			4
			42X-2, 78–80	389.18	M	A	7					1	160			8
			42X-2, 120–122	389.60	M	A	9						234	12		8
			42X-2, 140–142	389.80	P	A	10			1			147			4
Miocene	early	CN1c	42X-3, 2–4	389.92	M	A	17			1			124			1
			42X-3, 40–42	390.30	M	A	9						188			3
			42X-3, 58–60	390.48	P	A	6					2	145			1
			42X-3, 78–80	390.68	M	A	17						156			
			42X-3, 120–122	391.10	M	A	22			1			146			2
			42X-3, 140–142	391.30	M	A	13					1	116			1
			42X-4, 2–4	391.42	M	A	7	1		1		1	225	2		
			42X-4, 40–42	391.80	M	A	20						173	2		
			42X-4, 78–80	392.18	M	A	31	1					183			4
			42X-4, 120–122	392.60	M	A	20			1			241	6		3
			42X-4, 140–142	392.80	M	A	20						184			3
			42X-5, 2-4	392.92	M	A	27			1			225			3
			42X-5, 40–42	393.30	M	A	21						159	4		4
			42X-5, 58–60	393.48	M	A	16						173			3
			42X-5, 80–82	393.70	M	A	29						110	3		5
			42X-5, 120–122	394.10	M	A	70			1			147			4
			42X-5, 140–142	394.30	M	A	28	1		1			209	9		7
			42X-6, 2–4	394.42	M	A	26	1					174	3		4
			42X-6, 40–42	394.80	M	A	32			1		1	106	7		
			42X-6, 58–60	394.98	M	A	75					1	53	1		2
			42X-6, 80–82	395.20	M	A	70			1			111			1
			42X-6, 120–122	395.60	M	A	26			2			162	1		1
			42X-6, 140–142	395.80	M	A	29			1			102			2
			42X-7, 2–4	395.92	M	A	15			1			147	1		
			42X-7, 37–39	396.27	M	A	20					1	161			1
			42X-CC, 2–4	396.31	M	A	30						130	1		
			42X-CC, 30–32	396.59	M	A	21	1		1			148			1
			43X-1, 2–4	396.52	M	A	21	1					170			
			43X-1, 40–42	396.90	M	A	10	2					135			
			43X-1, 57–59	397.07	M	A	15						108			1
			43X-1, 78–80	397.28	M	A	9			1			115	1		
			43X-1, 120–122	397.70	M	A	12						159			
			43X-1, 140–142	397.90	M	A	17			1			125			

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Helicosphaera bramlettei*	*Helicosphaera compacta*	*Helicosphaera elongata*	*Helicosphaera euphratis*	*Helicosphaera obliqua*	*Helicosphaera orientalis*	*Helicosphaera paleocarteri*	*Helicosphaera perch-nielsenae*	*Helicosphaera recta*	*Helicosphaera wilcoxonii*
			41X-5, 40–42	383.70	M	A				3						
			41X-5, 58–60	383.88	M	A										
			41X-5, 80–82	384.10	M	A				3	1					
			41X-5, 120–122	384.50	M	A				2			1			
			41X-5, 140–142	384.70	M	A				2						
			41X-6, 2–4	384.82	M	A										
			41X-6, 38–40	385.18	M	A		1								
			41X-6, 58–60	385.38	M	A					2					
			41X-6, 80–82	385.60	M	A										
			41X-6, 118–120	385.98	M	A					2					
			41X-7, 2–4	386.02	M	A				1						
			41X-7, 40–42	386.40	M	A				1						
			41X-CC, 2–4	386.59	M	A	1	1		2	2					
			41X-CC, 40–42	386.97	M	A	2			4	3					
			42X-1, 2–4	386.92	M	A										
			42X-1, 40–42	387.30	M	A				6						
			42X-1, 58–60	387.48	M	A										
			42X-1, 78–80	387.68	M	A				4	2					
			42X-1, 120–122	388.10	M	A				3						
			42X-1, 140–142	388.30	M	A				3						
			42X-2, 2–4	388.42	M	A				2						
			42X-2, 40–42	388.80	M	A										
			42X-2, 58–60	388.98	M	A				1						
			42X-2, 78–80	389.18	M	A				3						
			42X-2, 120–122	389.60	M	A				1	1					
			42X-2, 140–142	389.80	P	A		1		4						
Miocene	early	CN1c	42X-3, 2–4	389.92	M	A		1		1						
			42X-3, 40–42	390.30	M	A										
			42X-3, 58–60	390.48	P	A				1						
			42X-3, 78–80	390.68	M	A				3						
			42X-3, 120–122	391.10	M	A				1						
			42X-3, 140–142	391.30	M	A				2						
			42X-4, 2–4	391.42	M	A		1		1	1					
			42X-4, 40–42	391.80	M	A				4	1					
			42X-4, 78–80	392.18	M	A				5	1					
			42X-4, 120–122	392.60	M	A		1		2	1					
			42X-4, 140–142	392.80	M	A				2						
			42X-5, 2-4	392.92	M	A				1						
			42X-5, 40–42	393.30	M	A				2	1					
			42X-5, 58–60	393.48	M	A				7						
			42X-5, 80–82	393.70	M	A				6						
			42X-5, 120–122	394.10	M	A		1		4						
			42X-5, 140–142	394.30	M	A										
			42X-6, 2–4	394.42	M	A				4						
			42X-6, 40–42	394.80	M	A				4						
			42X-6, 58–60	394.98	M	A				4	1					
			42X-6, 80–82	395.20	M	A		1		3						
			42X-6, 120–122	395.60	M	A				2						
			42X-6, 140–142	395.80	M	A		1		5						
			42X-7, 2–4	395.92	M	A				6						
			42X-7, 37–39	396.27	M	A				1						
			42X-CC, 2–4	396.31	M	A				1						
			42X-CC, 30–32	396.59	M	A				1						
			43X-1, 2–4	396.52	M	A										
			43X-1, 40–42	396.90	M	A				3						
			43X-1, 57–59	397.07	M	A				1						
			43X-1, 78–80	397.28	M	A	1			3						
			43X-1, 120–122	397.70	M	A				1						
			43X-1, 140–142	397.90	M	A	1			1						

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Hughesius gizoensis*	*Hughesius tasmaniae*	*Ilselithina fusa*	*Pontosphaera anisotrema*	*Pontosphaera multipora*	*Pontosphaera* spp.	*Pyrocyclus hermosus*	*Pyrocyclus orangensis*	*Reticulofenestra bisecta bisecta*	*Reticulofenestra bisecta filewiczii*
			41X-5, 40–42	383.70	M	A					2					
			41X-5, 58–60	383.88	M	A					1			1		
			41X-5, 80–82	384.10	M	A		2			1			1		
			41X-5, 120–122	384.50	M	A		1			1			2		
			41X-5, 140–142	384.70	M	A		27						2		
			41X-6, 2–4	384.82	M	A								1		
			41X-6, 38–40	385.18	M	A		9			2			1		
			41X-6, 58–60	385.38	M	A								1		
			41X-6, 80–82	385.60	M	A		1						2		
			41X-6, 118–120	385.98	M	A		2	1					1		
			41X-7, 2–4	386.02	M	A		8			2			3		
			41X-7, 40–42	386.40	M	A		2	1		1			3		
			41X-CC, 2–4	386.59	M	A	1	4			2			1		
			41X-CC, 40–42	386.97	M	A		7	3	1				1		
			42X-1, 2–4	386.92	M	A		2						1		
			42X-1, 40–42	387.30	M	A		13						4		
			42X-1, 58–60	387.48	M	A	2	5						3		
			42X-1, 78–80	387.68	M	A		1		1						
			42X-1, 120–122	388.10	M	A	2	14								
			42X-1, 140–142	388.30	M	A	1	16			1			1		
			42X-2, 2–4	388.42	M	A		2						1		
			42X-2, 40–42	388.80	M	A								4		
			42X-2, 58–60	388.98	M	A	1	3						7		
			42X-2, 78–80	389.18	M	A		1			1			1		
			42X-2, 120–122	389.60	M	A		2						4		
			42X-2, 140–142	389.80	P	A	1	7			2			3		
Miocene	early	CN1c	42X-3, 2–4	389.92	M	A		5		1	1					
			42X-3, 40–42	390.30	M	A		7						5		
			42X-3, 58–60	390.48	P	A		1						1		
			42X-3, 78–80	390.68	M	A		1			2			1		
			42X-3, 120–122	391.10	M	A		2			1			3		
			42X-3, 140–142	391.30	M	A								4		
			42X-4, 2–4	391.42	M	A								2		
			42X-4, 40–42	391.80	M	A		5	3	1	1			3		
			42X-4, 78–80	392.18	M	A								1		
			42X-4, 120–122	392.60	M	A		1	1					2		
			42X-4, 140–142	392.80	M	A		8		1	1			3		
			42X-5, 2-4	392.92	M	A			2		2			5		
			42X-5, 40–42	393.30	M	A		6						2		
			42X-5, 58–60	393.48	M	A		1		2				3		
			42X-5, 80–82	393.70	M	A	4	1		1		1		2		
			42X-5, 120–122	394.10	M	A	4	4		1	2					
			42X-5, 140–142	394.30	M	A		3						4		
			42X-6, 2–4	394.42	M	A								1		
			42X-6, 40–42	394.80	M	A		7			2			1		2
			42X-6, 58–60	394.98	M	A								1		
			42X-6, 80–82	395.20	M	A	2							2		
			42X-6, 120–122	395.60	M	A		3			1			2		
			42X-6, 140–142	395.80	M	A		1			1			2		
			42X-7, 2–4	395.92	M	A	2	6	1		3	1				
			42X-7, 37–39	396.27	M	A		3			2			4		
			42X-CC, 2–4	396.31	M	A		1			2			3		
			42X-CC, 30–32	396.59	M	A		2								
			43X-1, 2–4	396.52	M	A					1			1		
			43X-1, 40–42	396.90	M	A				1				1		
			43X-1, 57–59	397.07	M	A										
			43X-1, 78–80	397.28	M	A		1						1		
			43X-1, 120–122	397.70	M	A		2						2		
			43X-1, 140–142	397.90	M	A				1	2			1		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Reticulofenestra coenura*	*Reticulofenestra hampdenensis*	*Reticulofenestra haqii*	*Reticulofenestra lockeri*	*Reticulofenestra minuta*	*Reticulofenestra minutula*	*Reticulofenestra stavensis*	*Rhabdosphaera gladius*	*Rhabdosphaera procera*	*Sphenolithus calyculus*
			41X-5, 40–42	383.70	M	A			127		40	114				
			41X-5, 58–60	383.88	M	A			56		5	137				
			41X-5, 80–82	384.10	M	A			66		8	118				
			41X-5, 120–122	384.50	M	A			88		17	53				
			41X-5, 140–142	384.70	M	A			47		15	37				
			41X-6, 2–4	384.82	M	A			33		7	82				
			41X-6, 38–40	385.18	M	A			44		5	77				
			41X-6, 58–60	385.38	M	A			28		10	120				
			41X-6, 80–82	385.60	M	A			42		10	77				
			41X-6, 118–120	385.98	M	A			36		33	136				
			41X-7, 2–4	386.02	M	A			65		16	61				
			41X-7, 40–42	386.40	M	A			69		18	68				
			41X-CC, 2–4	386.59	M	A			80		19	80				
			41X-CC, 40–42	386.97	M	A			35		27	71				
			42X-1, 2–4	386.92	M	A			40		2	105				
			42X-1, 40–42	387.30	M	A			12		47	93				
			42X-1, 58–60	387.48	M	A			23		41	87				
			42X-1, 78–80	387.68	M	A			72		13	166			1	
			42X-1, 120–122	388.10	M	A			18		22	128	1			
			42X-1, 140–142	388.30	M	A			12		24	63				
			42X-2, 2–4	388.42	M	A			8		12	51				
			42X-2, 40–42	388.80	M	A			117	1	24	14				
			42X-2, 58–60	388.98	M	A			44		36	43				
			42X-2, 78–80	389.18	M	A	1		33		14	70				
			42X-2, 120–122	389.60	M	A			3		13	17				
			42X-2, 140–142	389.80	P	A			58		28	87				
Miocene	early	CN1c	42X-3, 2–4	389.92	M	A			64		19	105				
			42X-3, 40–42	390.30	M	A	1		33		31	37				
			42X-3, 58–60	390.48	P	A			34		21	91				
			42X-3, 78–80	390.68	M	A			56		46	46				
			42X-3, 120–122	391.10	M	A			37		36	43				
			42X-3, 140–142	391.30	M	A			42		24	91				
			42X-4, 2–4	391.42	M	A			12		6	32				
			42X-4, 40–42	391.80	M	A			46		6	52				
			42X-4, 78–80	392.18	M	A			21		9	60				
			42X-4, 120–122	392.60	M	A			10			23				
			42X-4, 140–142	392.80	M	A			34		12	27				
			42X-5, 2-4	392.92	M	A			10		3	31				
			42X-5, 40–42	393.30	M	A			46	1	17	44				
			42X-5, 58–60	393.48	M	A			29		37	30				
			42X-5, 80–82	393.70	M	A			58	1	38	40				
			42X-5, 120–122	394.10	M	A			19		25	40				
			42X-5, 140–142	394.30	M	A			5		3	21				
			42X-6, 2–4	394.42	M	A			24		15	58				
			42X-6, 40–42	394.80	M	A			57	1	43	95				
			42X-6, 58–60	394.98	M	A			21	1	46	125				
			42X-6, 80–82	395.20	M	A			25		13	101				
			42X-6, 120–122	395.60	M	A			43	1	19	47				
			42X-6, 140–142	395.80	M	A			39	1	43	97				
			42X-7, 2–4	395.92	M	A			26	3	36	62				
			42X-7, 37–39	396.27	M	A			22	1	23	70				
			42X-CC, 2–4	396.31	M	A			58	2	36	94				
			42X-CC, 30–32	396.59	M	A			66	1	39	93				
			43X-1, 2–4	396.52	M	A	1		21		3	118				
			43X-1, 40–42	396.90	M	A			40		3	168				
			43X-1, 57–59	397.07	M	A			39		16	169				
			43X-1, 78–80	397.28	M	A			12	1	39	181				
			43X-1, 120–122	397.70	M	A			13		38	133				
			43X-1, 140–142	397.90	M	A			8		24	171				

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Sphenolithus capricornutus*	*Sphenolithus compactus*	*Sphenolithus conicus*	*Sphenolithus delphix*	*Sphenolithus dissimilis*	*Sphenolithus moriformis*	*Sphenolithus moriformis* <6 µm	*Sphenolithus* spp.	*Tetralithoides sygmeonidesii*	*Triquetrorhabdulus carinatus*
			41X-5, 40–42	383.70	M	A						6				
			41X-5, 58–60	383.88	M	A		1				5				
			41X-5, 80–82	384.10	M	A						3				
			41X-5, 120–122	384.50	M	A						5				
			41X-5, 140–142	384.70	M	A						9	3			
			41X-6, 2–4	384.82	M	A						13				
			41X-6, 38–40	385.18	M	A						3				
			41X-6, 58–60	385.38	M	A					2	2				
			41X-6, 80–82	385.60	M	A					1	3				
			41X-6, 118–120	385.98	M	A				1	2	7				
			41X-7, 2–4	386.02	M	A		1			1	9	2			
			41X-7, 40–42	386.40	M	A					1	9	2			
			41X-CC, 2–4	386.59	M	A						4			1	
			41X-CC, 40–42	386.97	M	A						8				
			42X-1, 2–4	386.92	M	A						7	3			
			42X-1, 40–42	387.30	M	A					1	4				
			42X-1, 58–60	387.48	M	A		1				6				
			42X-1, 78–80	387.68	M	A						4	2			
			42X-1, 120–122	388.10	M	A						5				
			42X-1, 140–142	388.30	M	A						10				
			42X-2, 2–4	388.42	M	A						8				
			42X-2, 40–42	388.80	M	A						1				
			42X-2, 58–60	388.98	M	A						10				
			42X-2, 78–80	389.18	M	A						8				
			42X-2, 120–122	389.60	M	A						2				
			42X-2, 140–142	389.80	P	A						5				
Miocene	early	CN1c	42X-3, 2–4	389.92	M	A						5				
			42X-3, 40–42	390.30	M	A						7				
			42X-3, 58–60	390.48	P	A						7				
			42X-3, 78–80	390.68	M	A		1				3				
			42X-3, 120–122	391.10	M	A						9	1			
			42X-3, 140–142	391.30	M	A						9	1			
			42X-4, 2–4	391.42	M	A						4				
			42X-4, 40–42	391.80	M	A						2				
			42X-4, 78–80	392.18	M	A						6				
			42X-4, 120–122	392.60	M	A						6				
			42X-4, 140–142	392.80	M	A		1				12	1			
			42X-5, 2-4	392.92	M	A						7	5			
			42X-5, 40–42	393.30	M	A						9				
			42X-5, 58–60	393.48	M	A						5	1			
			42X-5, 80–82	393.70	M	A						5	1			
			42X-5, 120–122	394.10	M	A						8	2			
			42X-5, 140–142	394.30	M	A						6	2			
			42X-6, 2–4	394.42	M	A						10	2			
			42X-6, 40–42	394.80	M	A						10				
			42X-6, 58–60	394.98	M	A						6	1			
			42X-6, 80–82	395.20	M	A						5	1			
			42X-6, 120–122	395.60	M	A						7				
			42X-6, 140–142	395.80	M	A						3	1			
			42X-7, 2–4	395.92	M	A						4	2			
			42X-7, 37–39	396.27	M	A						4				
			42X-CC, 2–4	396.31	M	A						4				
			42X-CC, 30–32	396.59	M	A		1				1	2			
			43X-1, 2–4	396.52	M	A						10				
			43X-1, 40–42	396.90	M	A						4				
			43X-1, 57–59	397.07	M	A						9				
			43X-1, 78–80	397.28	M	A						2				
			43X-1, 120–122	397.70	M	A						7				
			43X-1, 140–142	397.90	M	A						7				

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Triquetrorhabdulus challengeri*	*Triquetrorhabdulus milowii*	*Umbilicosphaera jafari*	*Umbilicosphaera* spp.	*Zygrhablithus bijugatus*
			41X-5, 40–42	383.70	M	A			2		
			41X-5, 58–60	383.88	M	A					
			41X-5, 80–82	384.10	M	A					
			41X-5, 120–122	384.50	M	A			4		
			41X-5, 140–142	384.70	M	A			1		
			41X-6, 2–4	384.82	M	A		1			
			41X-6, 38–40	385.18	M	A					
			41X-6, 58–60	385.38	M	A					
			41X-6, 80–82	385.60	M	A					
			41X-6, 118–120	385.98	M	A			3		
			41X-7, 2–4	386.02	M	A					
			41X-7, 40–42	386.40	M	A		1			
			41X-CC, 2–4	386.59	M	A			28	1	
			41X-CC, 40–42	386.97	M	A			1		
			42X-1, 2–4	386.92	M	A					
			42X-1, 40–42	387.30	M	A					
			42X-1, 58–60	387.48	M	A					
			42X-1, 78–80	387.68	M	A			16		
			42X-1, 120–122	388.10	M	A					
			42X-1, 140–142	388.30	M	A			1		
			42X-2, 2–4	388.42	M	A					
			42X-2, 40–42	388.80	M	A			1	1	
			42X-2, 58–60	388.98	M	A			3		
			42X-2, 78–80	389.18	M	A					
			42X-2, 120–122	389.60	M	A			2		
			42X-2, 140–142	389.80	P	A			3		
Miocene	early	CN1c	42X-3, 2–4	389.92	M	A			3		
			42X-3, 40–42	390.30	M	A			3		
			42X-3, 58–60	390.48	P	A					
			42X-3, 78–80	390.68	M	A					
			42X-3, 120–122	391.10	M	A					
			42X-3, 140–142	391.30	M	A					
			42X-4, 2–4	391.42	M	A					
			42X-4, 40–42	391.80	M	A			6		
			42X-4, 78–80	392.18	M	A					
			42X-4, 120–122	392.60	M	A			1		
			42X-4, 140–142	392.80	M	A			1		
			42X-5, 2-4	392.92	M	A					
			42X-5, 40–42	393.30	M	A					
			42X-5, 58–60	393.48	M	A			14		
			42X-5, 80–82	393.70	M	A			15	1	
			42X-5, 120–122	394.10	M	A			2		
			42X-5, 140–142	394.30	M	A		1	1		
			42X-6, 2–4	394.42	M	A			7		
			42X-6, 40–42	394.80	M	A			3		
			42X-6, 58–60	394.98	M	A			2		
			42X-6, 80–82	395.20	M	A			1		
			42X-6, 120–122	395.60	M	A			1		
			42X-6, 140–142	395.80	M	A			10		
			42X-7, 2–4	395.92	M	A			3		
			42X-7, 37–39	396.27	M	A					
			42X-CC, 2–4	396.31	M	A					
			42X-CC, 30–32	396.59	M	A			3		
			43X-1, 2–4	396.52	M	A			2		
			43X-1, 40–42	396.90	M	A					
			43X-1, 57–59	397.07	M	A					
			43X-1, 78–80	397.28	M	A			3		
			43X-1, 120–122	397.70	M	A			1		
			43X-1, 140–142	397.90	M	A					

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Braarudosphaera bigelowii*	*Calcidiscus fuscus*	*Calcidiscus kingii*	*Calcidiscus leptoporus*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Camuralithus pelliculatus*	*Clausicoccus fenestratus*	*Clausicoccus obrutus*	*Coccolithus miopelagicus*
			43X-2, 2–4	398.02	M	A									8	
			43X-2, 40–42	398.40	M	A				1					11	
			43X-2, 58–60	398.58	M	A									11	
			43X-2, 140–142	399.40	M	A		1				3			7	
			43X-3, 2–4	399.52	M	A		2								
			43X-3, 40–42	399.90	M	A		1				1			2	
		CN1c	43X-3, 58–60	400.08	M	A		1								
			43X-3, 78–80	400.28	M	A		3								
			43X-3, 120–122	400.70	M	A						3				
			43X-3, 140–142	400.90	M	A		1			1				7	
			43X-4, 2–4	401.02	M	A				2	1					
			43X-4, 40–42	401.40	M	A										
			43X-4, 58–60	401.58	M	A						2			1	
			43X-4, 78–80	401.78	M	A										
			43X-4, 120–122	402.20	M	A									1	
			43X-4, 140–142	402.40	M	A				1		2				
			43X-5, 2–4	402.52	M	A				1		5				
			43X-5, 40–42	402.90	M	A										
Miocene	early	CN1b	43X-5, 58–60	403.08	M	A		1		1						
			43X-5, 80–82	403.30	M	A										
			43X-5, 120–122	403.70	M	A										
			43X-5, 140–142	403.90	M	A					2					
			43X-6, 2–4	404.02	M	A										
			43X-6, 40–42	404.40	M	A										
			43X-6, 59–61	404.59	M	A		1							2	
			43X-6, 78–80	404.78	M	A										
			43X-6, 121–123	405.00	M	A		1								
			43X-7, 2–4	405.22	M	A										
			43X-7, 38–40	405.58	M	A										
			43X-CC, 30–32	405.97	M	A		2								
			44X-1, 2–4	406.12	M	A							9			
			44X-1, 40–42	406.50	M	A					1		6		3	
			44X-1, 58–60	406.68	M	A					1		1			
			44X-1, 80–82	406.90	M	A										
			44X-1, 120–122	407.30	M	A					1					
			44X-1, 140–142	407.50	M	A										
			44X-2, 2–4	407.62	M	A										
			44X-2, 40–42	408.00	M	A					1					
			44X-2, 60–62	408.20	M	A					1					
			44X-2, 80–82	408.40	M	A					2					
			44X-2, 120–122	408.80	M	A					1					
			44X-2, 140–142	409.00	M	A					1					
			44X-3, 2–4	409.12	M	A				4	1		2			
			44X-3, 40–42	409.50	M	A										
			44X-3, 56–58	409.66	M	A										
			44X-3, 80–82	409.90	M	A				1	1		1			
			44X-3, 120–122	410.30	M	A				2	2					1
			44X-4, 2–4	410.62	M	A										
			44X-4, 40–42	411.00	M	A					1					1
			44X-4, 60–62	411.20	M	A				1	1					
			44X-4, 79–81	411.39	M	A										
			44X-4, 120–122	411.80	M	A									1	
			44X-5, 2–4	412.12	M	A		1							1	2
			44X-5, 41–43	412.51	M	A				3	2					
			44X-5, 58–60	412.68	M	A				1						
			44X-5, 86–88	412.90	M	A		1					1		1	
			44X-5, 120–122	413.30	M	A		1		1						
			44X-5, 140–142	413.50	M	A										
			44X-6, 2–4	413.62	M	A				1					1	

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Coccolithus pelagicus*	*Coccolithus pelagicus* >12 µm	*Coronocyclus* aff. *prionion*	*Coronocyclus nitescens*	*Cyclicargolithus abisectus*	*Cyclicargolithus abisectus* <10 µm	*Cyclicargolithus floridanus*	*Discoaster deflandrei*	*Discoaster* spp. (5 ray)	*Discoaster* spp. (6 ray)
			43X-2, 2–4	398.02	M	A	18					3	95			
			43X-2, 40–42	398.40	M	A	13						104			
			43X-2, 58–60	398.58	M	A	5					1	82	1		
			43X-2, 140–142	399.40	M	A	26	2				1	93	1		
			43X-3, 2–4	399.52	M	A	42			1		2	108			1
			43X-3, 40–42	399.90	M	A	21			1		2	129			1
		CN1c	43X-3, 58–60	400.08	M	A	25			1			101			
			43X-3, 78–80	400.28	M	A	38			1			86			2
			43X-3, 120–122	400.70	M	A	18			1		2	157			
			43X-3, 140–142	400.90	M	A	35					3	111			1
			43X-4, 2–4	401.02	M	A	33					3	75			
			43X-4, 40–42	401.40	M	A	24					2	89	2		1
			43X-4, 58–60	401.58	M	A	44						109	2		
			43X-4, 78–80	401.78	M	A	29	2		1			66			1
			43X-4, 120–122	402.20	M	A	35	1					69			
			43X-4, 140–142	402.40	M	A	64	2					127			1
			43X-5, 2–4	402.52	M	A	33	3		1			98		1	4
			43X-5, 40–42	402.90	M	A	63	4		2			75	2		3
Miocene	early	CN1b	43X-5, 58–60	403.08	M	A	51	1		1			78	2		2
			43X-5, 80–82	403.30	M	A	26			1			83		1	1
			43X-5, 120–122	403.70	M	A	46	2					131	1		
			43X-5, 140–142	403.90	M	A	31	1		1			122	1		2
			43X-6, 2–4	404.02	M	A	59	1		1			152			1
			43X-6, 40–42	404.40	M	A	42	3		1			126	1		3
			43X-6, 59–61	404.59	M	A	22	1					115	2		1
			43X-6, 78–80	404.78	M	A	34						139			3
			43X-6, 121–123	405.00	M	A	30			1			108			1
			43X-7, 2–4	405.22	M	A	32						112			1
			43X-7, 38–40	405.58	M	A	35	3		1			137			1
			43X-CC, 30–32	405.97	M	A	35	1		1			90			3
			44X-1, 2–4	406.12	M	A	45				8		165			2
			44X-1, 40–42	406.50	M	A	56				3		173	2		7
			44X-1, 58–60	406.68	M	A	42	1				1	198	1		2
			44X-1, 80–82	406.90	M	A	40		3			1	201			1
			44X-1, 120–122	407.30	M	A	60		1				92	2		7
			44X-1, 140–142	407.50	M	A	67		1	1			71		1	2
			44X-2, 2–4	407.62	M	A	156						48	2		1
			44X-2, 40–42	408.00	M	A	168						39			3
			44X-2, 60–62	408.20	M	A	140						91	1		
			44X-2, 80–82	408.40	M	A	97		1				151	1		
			44X-2, 120–122	408.80	M	A	69						197			
			44X-2, 140–142	409.00	M	A	38						222			
			44X-3, 2–4	409.12	M	A	27		1				170	5		6
			44X-3, 40–42	409.50	M	A	28	2					151			3
			44X-3, 56–58	409.66	M	A	13	1		2			78	4		
			44X-3, 80–82	409.90	M	A	17		1				174			1
			44X-3, 120–122	410.30	M	A	69		1				117			
			44X-4, 2–4	410.62	M	A	40	2		1			96			
			44X-4, 40–42	411.00	M	A	100	1					86	3		6
			44X-4, 60–62	411.20	M	A	87	6		3		3	94			5
			44X-4, 79–81	411.39	M	A	177			2			75			8
			44X-4, 120–122	411.80	M	A	11	2				1	150			4
			44X-5, 2–4	412.12	M	A	40	7		1			204			
			44X-5, 41–43	412.51	M	A	31	7					92			2
			44X-5, 58–60	412.68	M	A	99	5				1	127			1
			44X-5, 86–88	412.90	M	A	68	6				1	176			
			44X-5, 120–122	413.30	M	A	113						95	1		3
			44X-5, 140–142	413.50	M	A	62			1			122		1	1
			44X-6, 2–4	413.62	M	A	14						113			

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Helicosphaera bramlettei*	*Helicosphaera compacta*	*Helicosphaera elongata*	*Helicosphaera euphratis*	*Helicosphaera obliqua*	*Helicosphaera orientalis*	*Helicosphaera paleocarteri*	*Helicosphaera perch-nielsenae*	*Helicosphaera recta*	*Helicosphaera wilcoxonii*
			43X-2, 2–4	398.02	M	A				3						
			43X-2, 40–42	398.40	M	A	1			1						
			43X-2, 58–60	398.58	M	A	1			1						
			43X-2, 140–142	399.40	M	A	1			2	1					
			43X-3, 2–4	399.52	M	A		1		1	1					
			43X-3, 40–42	399.90	M	A		1		1	1					
		CN1c	43X-3, 58–60	400.08	M	A				1						
			43X-3, 78–80	400.28	M	A				8						
			43X-3, 120–122	400.70	M	A				8						
			43X-3, 140–142	400.90	M	A				2						
			43X-4, 2–4	401.02	M	A				2						
			43X-4, 40–42	401.40	M	A				1						
			43X-4, 58–60	401.58	M	A				2	1					
			43X-4, 78–80	401.78	M	A				3						
			43X-4, 120–122	402.20	M	A		1		4	1					
			43X-4, 140–142	402.40	M	A				1						
			43X-5, 2–4	402.52	M	A				7	1					
			43X-5, 40–42	402.90	M	A	1			3	1					
Miocene	early		43X-5, 58–60	403.08	M	A		1		3						
			43X-5, 80–82	403.30	M	A				1						
			43X-5, 120–122	403.70	M	A				1						
			43X-5, 140–142	403.90	M	A				4	1					
			43X-6, 2–4	404.02	M	A	2			2						
			43X-6, 40–42	404.40	M	A		1		1	2					
			43X-6, 59–61	404.59	M	A		1		5	1					
			43X-6, 78–80	404.78	M	A				1	2					
			43X-6, 121–123	405.00	M	A				1						
			43X-7, 2–4	405.22	M	A				1						
			43X-7, 38–40	405.58	M	A		1		2	1					
			43X-CC, 30–32	405.97	M	A				1	1					
			44X-1, 2–4	406.12	M	A				4	1					
			44X-1, 40–42	406.50	M	A				9	6					
			44X-1, 58–60	406.68	M	A	2			11	1			3	1	2
			44X-1, 80–82	406.90	M	A	1		1	2	3			2		
			44X-1, 120–122	407.30	M	A	5			9	7			1	1	
			44X-1, 140–142	407.50	M	A	1	2		1	1		1	1	2	
			44X-2, 2–4	407.62	M	A	1	2		3				1	1	
			44X-2, 40–42	408.00	M	A	2	3		2	1					
			44X-2, 60–62	408.20	M	A	2			4	2			1	1	
			44X-2, 80–82	408.40	M	A	2	1	1	3					2	
			44X-2, 120–122	408.80	M	A	3	2	1	2						
			44X-2, 140–142	409.00	M	A		3		2						
			44X-3, 2–4	409.12	M	A	1	3	1	3						
			44X-3, 40–42	409.50	M	A	3	1	1	3	1		1			
			44X-3, 56–58	409.66	M	A	1			3	3					
			44X-3, 80–82	409.90	M	A	1	1	2				1	1		
			44X-3, 120–122	410.30	M	A	1	1		8	2		2			
			44X-4, 2–4	410.62	M	A	2		1	3	3		2			
			44X-4, 40–42	411.00	M	A	1			2				1		
			44X-4, 60–62	411.20	M	A		1		4	1					
			44X-4, 79–81	411.39	M	A	3	3		4			2			
			44X-4, 120–122	411.80	M	A				2			1			
			44X-5, 2–4	412.12	M	A	1	1		2	1		1			
			44X-5, 41–43	412.51	M	A	1			3						
			44X-5, 58–60	412.68	M	A	1	2		1	1		3			
			44X-5, 86–88	412.90	M	A	1			1	1		3			
			44X-5, 120–122	413.30	M	A	4			1	1					
			44X-5, 140–142	413.50	M	A		2			2					
			44X-6, 2–4	413.62	M	A	2	3	2	2	1					

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Hughesius gizoensis*	*Hughesius tasmaniae*	*Ilselithina fusa*	*Pontosphaera anisotrema*	*Pontosphaera multipora*	*Pontosphaera* spp.	*Pyrocyclus hermosus*	*Pyrocyclus orangensis*	*Reticulofenestra bisecta bisecta*	*Reticulofenestra bisecta filewiczii*
			43X-2, 2–4	398.02	M	A					1	1				
			43X-2, 40–42	398.40	M	A					2	1				
			43X-2, 58–60	398.58	M	A					1					
			43X-2, 140–142	399.40	M	A					1					
			43X-3, 2–4	399.52	M	A								1		
			43X-3, 40–42	399.90	M	A					1			1		
		CN1c	43X-3, 58–60	400.08	M	A		2	1							
			43X-3, 78–80	400.28	M	A	1	3								
			43X-3, 120–122	400.70	M	A		7						6		
			43X-3, 140–142	400.90	M	A	2	2						3		
			43X-4, 2–4	401.02	M	A		7			1					
			43X-4, 40–42	401.40	M	A	1	10								
			43X-4, 58–60	401.58	M	A	1	14				1		2		
			43X-4, 78–80	401.78	M	A		3			3			1		
			43X-4, 120–122	402.20	M	A	1	6	2		1			2		
			43X-4, 140–142	402.40	M	A		3			1			3		
			43X-5, 2–4	402.52	M	A					3			3		
			43X-5, 40–42	402.90	M	A	1	12						1		
Miocene	early		43X-5, 58–60	403.08	M	A	5	13			1			1		
			43X-5, 80–82	403.30	M	A		4			1					
			43X-5, 120–122	403.70	M	A	1	17			2			1		
			43X-5, 140–142	403.90	M	A	3	19	1	1	2			4		
			43X-6, 2–4	404.02	M	A		27			3			3		
			43X-6, 40–42	404.40	M	A	1	6	2							
			43X-6, 59–61	404.59	M	A		4	1		1					
			43X-6, 78–80	404.78	M	A	1	10						2		
			43X-6, 121–123	405.00	M	A	1	11		1						
			43X-7, 2–4	405.22	M	A	1	9			1					
			43X-7, 38–40	405.58	M	A		6	1							
			43X-CC, 30–32	405.97	M	A	2	9			1			2		
			44X-1, 2–4	406.12	M	A							1	8		4
			44X-1, 40–42	406.50	M	A		4		1				1		
			44X-1, 58–60	406.68	M	A		2					1	1		
			44X-1, 80–82	406.90	M	A	1	2						5		1
			44X-1, 120–122	407.30	M	A								3		
			44X-1, 140–142	407.50	M	A	1									
			44X-2, 2–4	407.62	M	A					2			3		
			44X-2, 40–42	408.00	M	A								14		
			44X-2, 60–62	408.20	M	A					2			3		
			44X-2, 80–82	408.40	M	A		2		1	1					
			44X-2, 120–122	408.80	M	A	6				1			2		
			44X-2, 140–142	409.00	M	A				1	1					
			44X-3, 2–4	409.12	M	A		8		1	2			1		
			44X-3, 40–42	409.50	M	A								11		
			44X-3, 56–58	409.66	M	A		10		1	1			2		
			44X-3, 80–82	409.90	M	A		3		2	1			1		
			44X-3, 120–122	410.30	M	A					2					
			44X-4, 2–4	410.62	M	A					1			3		
			44X-4, 40–42	411.00	M	A								9		
			44X-4, 60–62	411.20	M	A		4			2					
			44X-4, 79–81	411.39	M	A								1		
			44X-4, 120–122	411.80	M	A				1	2					
			44X-5, 2–4	412.12	M	A		2		1		1				
			44X-5, 41–43	412.51	M	A		12	1					2		
			44X-5, 58–60	412.68	M	A								2		
			44X-5, 86–88	412.90	M	A				1	2			1		
			44X-5, 120–122	413.30	M	A								8		
			44X-5, 140–142	413.50	M	A			1		1			1		
			44X-6, 2–4	413.62	M	A					2			4		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Reticulofenestra coenura*	*Reticulofenestra hampdenensis*	*Reticulofenestra haqii*	*Reticulofenestra lockeri*	*Reticulofenestra minuta*	*Reticulofenestra minutula*	*Reticulofenestra stavensis*	*Rhabdosphaera gladius*	*Rhabdosphaera procera*	*Sphenolithus calyculus*
			43X-2, 2–4	398.02	M	A			15			153				
			43X-2, 40–42	398.40	M	A			49		51	116				
			43X-2, 58–60	398.58	M	A			35		20	139				
			43X-2, 140–142	399.40	M	A	1		16	1	21	139				
			43X-3, 2–4	399.52	M	A			23		11	126				
			43X-3, 40–42	399.90	M	A			17		7	133				
		CN1c	43X-3, 58–60	400.08	M	A			51		18	98			1	
			43X-3, 78–80	400.28	M	A			41		39	101				
			43X-3, 120–122	400.70	M	A	1		25	1	8	127				
			43X-3, 140–142	400.90	M	A			36		21	58				
			43X-4, 2–4	401.02	M	A			57	1	16	101				
			43X-4, 40–42	401.40	M	A			41		10	124				
			43X-4, 58–60	401.58	M	A	1		28		3	101				
			43X-4, 78–80	401.78	M	A			62		47	165				
			43X-4, 120–122	402.20	M	A	1		49		38	81				
			43X-4, 140–142	402.40	M	A			24		18	69				
			43X-5, 2–4	402.52	M	A			19		30	95				
			43X-5, 40–42	402.90	M	A			53		33	51	1			
Miocene	early		43X-5, 58–60	403.08	M	A			72		20	93				
			43X-5, 80–82	403.30	M	A			83		26	67				
			43X-5, 120–122	403.70	M	A			74		23	33				
			43X-5, 140–142	403.90	M	A			51		31	19				
			43X-6, 2–4	404.02	M	A			13		27	12				
			43X-6, 40–42	404.40	M	A			17		71	23				
			43X-6, 59–61	404.59	M	A			24		106	47				
			43X-6, 78–80	404.78	M	A			12		59	39				
			43X-6, 121–123	405.00	M	A			2		49	108				
			43X-7, 2–4	405.22	M	A			11		49	96				
			43X-7, 38–40	405.58	M	A	1		24		57	83	1			
			43X-CC, 30–32	405.97	M	A			21	1	58	104				
			44X-1, 2–4	406.12	M	A					43					
			44X-1, 40–42	406.50	M	A			1	1	33					
			44X-1, 58–60	406.68	M	A			5		29					
			44X-1, 80–82	406.90	M	A				1	34					
			44X-1, 120–122	407.30	M	A			55		42					
			44X-1, 140–142	407.50	M	A			51	3	85					
			44X-2, 2–4	407.62	M	A			41		44					
			44X-2, 40–42	408.00	M	A			56		26					
			44X-2, 60–62	408.20	M	A			32	2	23					
			44X-2, 80–82	408.40	M	A			34		8					
			44X-2, 120–122	408.80	M	A			13	1	7					
			44X-2, 140–142	409.00	M	A			6	2	27					
			44X-3, 2–4	409.12	M	A			38		73		1		1	
			44X-3, 40–42	409.50	M	A			72	1	26					
			44X-3, 56–58	409.66	M	A			84		18	98				
			44X-3, 80–82	409.90	M	A			49		44					
			44X-3, 120–122	410.30	M	A			62	2	17					
			44X-4, 2–4	410.62	M	A			38	1	76	18				
			44X-4, 40–42	411.00	M	A			68		5	11				
			44X-4, 60–62	411.20	M	A			26		45	9				
			44X-4, 79–81	411.39	M	A			21	2	8	2				
			44X-4, 120–122	411.80	M	A			4		40	82				
			44X-5, 2–4	412.12	M	A			1		16	55				
			44X-5, 41–43	412.51	M	A			4	1	48	93				
			44X-5, 58–60	412.68	M	A		1	39	2	16	5				
			44X-5, 86–88	412.90	M	A		1	31	2		17				
			44X-5, 120–122	413.30	M	A		2	60	1	6					
			44X-5, 140–142	413.50	M	A			1	2	43	58				
			44X-6, 2–4	413.62	M	A			4	1	64	79			1	

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Sphenolithus capricornutus*	*Sphenolithus compactus*	*Sphenolithus conicus*	*Sphenolithus delphix*	*Sphenolithus dissimilis*	*Sphenolithus moriformis*	*Sphenolithus moriformis* <6 µm	*Sphenolithus* spp.	*Tetralithoides sygmeonidesii*	*Triquetrorhabdulus carinatus*
			43X-2, 2–4	398.02	M	A						6				
			43X-2, 40–42	398.40	M	A						6				
			43X-2, 58–60	398.58	M	A						6				
			43X-2, 140–142	399.40	M	A						3				
			43X-3, 2–4	399.52	M	A						2				
			43X-3, 40–42	399.90	M	A						8				
		CN1c	43X-3, 58–60	400.08	M	A						9				
			43X-3, 78–80	400.28	M	A						9				
			43X-3, 120–122	400.70	M	A						6	2			
			43X-3, 140–142	400.90	M	A						12				
			43X-4, 2–4	401.02	M	A						7	2			
			43X-4, 40–42	401.40	M	A						6				
			43X-4, 58–60	401.58	M	A						8			1	
			43X-4, 78–80	401.78	M	A						3				
			43X-4, 120–122	402.20	M	A						6				
			43X-4, 140–142	402.40	M	A						10				
			43X-5, 2–4	402.52	M	A						8				
			43X-5, 40–42	402.90	M	A						3	1			
Miocene	early		43X-5, 58–60	403.08	M	A		1				6				
			43X-5, 80–82	403.30	M	A						4				
			43X-5, 120–122	403.70	M	A						6				
			43X-5, 140–142	403.90	M	A					1	3				
			43X-6, 2–4	404.02	M	A						2				
			43X-6, 40–42	404.40	M	A						5				
			43X-6, 59–61	404.59	M	A						3				
			43X-6, 78–80	404.78	M	A						2				
			43X-6, 121–123	405.00	M	A						15				
			43X-7, 2–4	405.22	M	A						7	1			
			43X-7, 38–40	405.58	M	A						6				
			43X-CC, 30–32	405.97	M	A						3				
			44X-1, 2–4	406.12	M	A						9	11			
			44X-1, 40–42	406.50	M	A					3	2	4			
			44X-1, 58–60	406.68	M	A						2	7			
			44X-1, 80–82	406.90	M	A		2				2	3			
			44X-1, 120–122	407.30	M	A		6			1	1	14			
			44X-1, 140–142	407.50	M	A		2			4	4	3			
			44X-2, 2–4	407.62	M	A					1		4			
			44X-2, 40–42	408.00	M	A		1					1			
			44X-2, 60–62	408.20	M	A		2				2	7			
			44X-2, 80–82	408.40	M	A		2			1	3	2			
			44X-2, 120–122	408.80	M	A		2				7	4			
			44X-2, 140–142	409.00	M	A		5				1	2			
			44X-3, 2–4	409.12	M	A					1	4	2			1
			44X-3, 40–42	409.50	M	A		1			8	3	2			
			44X-3, 56–58	409.66	M	A						2	2			
			44X-3, 80–82	409.90	M	A						5	4		1	
			44X-3, 120–122	410.30	M	A					1	4	10			1
			44X-4, 2–4	410.62	M	A		1			1	13	4			
			44X-4, 40–42	411.00	M	A		8			3	3	5			
			44X-4, 60–62	411.20	M	A		2				8	2			
			44X-4, 79–81	411.39	M	A					1	1				
			44X-4, 120–122	411.80	M	A		1				2				
			44X-5, 2–4	412.12	M	A		6				6	1			
			44X-5, 41–43	412.51	M	A		2	1			4	1			
			44X-5, 58–60	412.68	M	A		2			1	2	1			
			44X-5, 86–88	412.90	M	A		2								
			44X-5, 120–122	413.30	M	A		11			1	3				
			44X-5, 140–142	413.50	M	A						5				
			44X-6, 2–4	413.62	M	A			1		1	4				

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Triquetrorhabdulus challengeri*	*Triquetrorhabdulus milowii*	*Umbilicosphaera jafari*	*Umbilicosphaera* spp.	*Zygrhablithus bijugatus*
			43X-2, 2–4	398.02	M	A					
			43X-2, 40–42	398.40	M	A					
			43X-2, 58–60	398.58	M	A					
			43X-2, 140–142	399.40	M	A			7		
			43X-3, 2–4	399.52	M	A			1		
			43X-3, 40–42	399.90	M	A			3		
		CN1c	43X-3, 58–60	400.08	M	A			3		
			43X-3, 78–80	400.28	M	A			6		
			43X-3, 120–122	400.70	M	A			4		
			43X-3, 140–142	400.90	M	A			10		
			43X-4, 2–4	401.02	M	A			39		
			43X-4, 40–42	401.40	M	A					
			43X-4, 58–60	401.58	M	A			3		
			43X-4, 78–80	401.78	M	A			31		
			43X-4, 120–122	402.20	M	A			4		
			43X-4, 140–142	402.40	M	A					
			43X-5, 2–4	402.52	M	A			4		
			43X-5, 40–42	402.90	M	A			4		
Miocene	early	CN1b	43X-5, 58–60	403.08	M	A		1	4		
			43X-5, 80–82	403.30	M	A			8		
			43X-5, 120–122	403.70	M	A			3		
			43X-5, 140–142	403.90	M	A			12		
			43X-6, 2–4	404.02	M	A			9		
			43X-6, 40–42	404.40	M	A					
			43X-6, 59–61	404.59	M	A			15		
			43X-6, 78–80	404.78	M	A					
			43X-6, 121–123	405.00	M	A			1		
			43X-7, 2–4	405.22	M	A			3		
			43X-7, 38–40	405.58	M	A			4		
			43X-CC, 30–32	405.97	M	A					
			44X-1, 2–4	406.12	M	A					
			44X-1, 40–42	406.50	M	A					
			44X-1, 58–60	406.68	M	A			1		
			44X-1, 80–82	406.90	M	A					
			44X-1, 120–122	407.30	M	A					
			44X-1, 140–142	407.50	M	A					
			44X-2, 2–4	407.62	M	A					
			44X-2, 40–42	408.00	M	A		1			
			44X-2, 60–62	408.20	M	A					
			44X-2, 80–82	408.40	M	A					
			44X-2, 120–122	408.80	M	A					
			44X-2, 140–142	409.00	M	A					
			44X-3, 2–4	409.12	M	A					
			44X-3, 40–42	409.50	M	A					
			44X-3, 56–58	409.66	M	A			62		
			44X-3, 80–82	409.90	M	A					
			44X-3, 120–122	410.30	M	A					
			44X-4, 2–4	410.62	M	A			3		
			44X-4, 40–42	411.00	M	A			1		
			44X-4, 60–62	411.20	M	A			1		
			44X-4, 79–81	411.39	M	A					
			44X-4, 120–122	411.80	M	A			18		
			44X-5, 2–4	412.12	M	A			2		
			44X-5, 41–43	412.51	M	A			14		
			44X-5, 58–60	412.68	M	A					
			44X-5, 86–88	412.90	M	A					
			44X-5, 120–122	413.30	M	A					
			44X-5, 140–142	413.50	M	A			12		
			44X-6, 2–4	413.62	M	A			18		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Braarudosphaera bigelowii*	*Calcidiscus fuscus*	*Calcidiscus kingii*	*Calcidiscus leptoporus*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Camuralithus pelliculatus*	*Clausicoccus fenestratus*	*Clausicoccus obrutus*	*Coccolithus miopelagicus*
			44X-6, 40–42	414.00	M	A				1						
			44X-6, 60–62	414.20	M	A				1					1	
			44X-6, 80–82	414.40	M	A		1								
			44X-7, 2–4	414.82	M	A				2						
			44X-CC, 2–4	415.17	M	A				1						
			44X-CC, 30–32	415.45	M	A		1								
			45X-1, 2–4	415.72	M	A		1		1					1	
			45X-1, 38–40	416.08	M	A		3		1						
			45X-1, 58–60	416.28	M	A		2								
			45X-1, 78–80	416.48	M	A									1	
			45X-1, 120–122	416.90	M	A		1		3						
			45X-1, 140–142	417.10	M	A			2							
			45X-2, 2–4	417.22	M	A				1						
			45X-2, 40–42	417.60	M	A				1	1		1			
			45X-2, 57–59	417.77	M	A				2						
			45X-2, 77–79	417.97	M	A		2		1	2					
			45X-2, 120–122	418.40	M	A				3						
			45X-2, 140–142	418.60	M	A		1			1					
			45X-3, 2–4	418.72	M	A				1	2					
			45X-3, 39–41	419.09	M	A				2	1				1	
			45X-3, 61–63	419.31	M	A		1		2						
			45X-3, 78–80	419.48	M	A				1						
			45X-3, 120–122	419.90	M	A				3						
			45X-3, 140–142	420.10	M	A				1	2					
Miocene	early	CN1b	45X-4, 2–4	420.22	M	A										
			45X-4, 40–42	420.60	M	A		1		2						
			45X-4, 60–61	420.81	M	A		3		3	2					
			45X-4, 80–81	421.00	M	A	1			1						
			45X-4, 120–122	421.40	M	A		1		4						
			45X-4, 140–142	421.60	M	A		1								
			45X-5, 2–4	421.72	M	A				2						
			45X-5, 40–42	422.10	M	A	2									
			45X-5, 59–61	422.29	M	A	1			1					1	
			45X-5, 80–82	422.50	M	A				2	1					
			45X-5, 120–122	422.90	M	A										
			45X-5, 140–142	423.10	M	A										
			45X-6, 2–4	423.22	M	A	2								1	
			45X-6, 40–42	423.60	M	A	1			1						
			45X-6, 58–60	423.78	M	A	1			1						
			45X-6, 80–82	424.00	M	A		1	2	1						
			45X-6, 120–122	424.40	M	A										
			45X-6, 140–142	424.60	M	A									1	
			45X-7, 2–4	424.72	M	A	1								1	
			45X-7, 40–42	425.10	M	A			1							
			45X-CC, 2–4	425.15	M	A		1					1			
			45X-CC, 40-42	425.53	M	A		1	1	1						
			46X-1, 2–4	425.32	M	A				1						
			46X-1, 40–42	425.70	M	A	1	1		4						
			46X-1, 60–62	425.90	M	A	3			2						
			46X-1, 80–82	426.10	M	A		1								
			46X-1, 120–122	426.50	M	A		1								
			46X-1, 140–142	426.70	M	A		1					1			
			46X-2, 2–4	426.82	M	A		1		1						
			46X-2, 40–42	427.20	M	A										
			46X-2, 60–62	427.40	M	A	2	2			1					
			46X-2, 82-084	427.62	M	A	1	2								
			46X-2, 120–122	428.00	M	A		2								
			46X-2, 140–142	428.20	M	A		1		2						
			46X-3, 2-4	428.32	M	A										
			46X-3, 40–42	428.70	M	A		1								

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Coccolithus pelagicus*	*Coccolithus pelagicus* >12 µm	*Coronocyclus* aff. *prionion*	*Coronocyclus nitescens*	*Cyclicargolithus abisectus*	*Cyclicargolithus abisectus* <10 µm	*Cyclicargolithus floridanus*	*Discoaster deflandrei*	*Discoaster* spp. (5 ray)	*Discoaster* spp. (6 ray)
			44X-6, 40–42	414.00	M	A	29			1		3	110	1		4
			44X-6, 60–62	414.20	M	A	38			1		2	110	1		
			44X-6, 80–82	414.40	M	A	20						92	2		1
			44X-7, 2–4	414.82	M	A	23			1			142			5
			44X-CC, 2–4	415.17	M	A	33			2			92	4		1
			44X-CC, 30–32	415.45	M	A	26						94	1		1
			45X-1, 2–4	415.72	M	A	45	1					152			1
			45X-1, 38–40	416.08	M	A	9			1			62	1		
			45X-1, 58–60	416.28	M	A	8	1		1		2	58	3		2
			45X-1, 78–80	416.48	M	A	21					1	68			
			45X-1, 120–122	416.90	M	A	20						87			
			45X-1, 140–142	417.10	M	A	41						137			
			45X-2, 2–4	417.22	M	A	46						194	2		
			45X-2, 40–42	417.60	M	A	24			2			101			
			45X-2, 57–59	417.77	M	A	13						130	1		2
			45X-2, 77–79	417.97	M	A	41						77	1		1
			45X-2, 120–122	418.40	M	A	31					2	102			
			45X-2, 140–142	418.60	M	A	29			1		1	136		1	1
			45X-3, 2–4	418.72	M	A	22					1	141			
			45X-3, 39–41	419.09	M	A	21					2	118			1
			45X-3, 61–63	419.31	M	A	34					1	92	3		2
			45X-3, 78–80	419.48	M	A	23			1		1	180			1
			45X-3, 120–122	419.90	M	A	31	2				2	78			
			45X-3, 140–142	420.10	M	A	37					1	59	2		
Miocene	early	CN1b	45X-4, 2–4	420.22	M	A	48	1					79			
			45X-4, 40–42	420.60	M	A	63					2	113			
			45X-4, 60–61	420.81	M	A	30			2			101			
			45X-4, 80–81	421.00	M	A	5						57			
			45X-4, 120–122	421.40	M	A	23			2		3	95	1		
			45X-4, 140–142	421.60	M	A	16					4	82			
			45X-5, 2–4	421.72	M	A	11					1	61			
			45X-5, 40–42	422.10	M	A	26			1		1	95			
			45X-5, 59–61	422.29	M	A	13					3	112			
			45X-5, 80–82	422.50	M	A	16			1		1	102			
			45X-5, 120–122	422.90	M	A	16			2			87			
			45X-5, 140–142	423.10	M	A	16			1			80			
			45X-6, 2–4	423.22	M	A	14			2		3	107			
			45X-6, 40–42	423.60	M	A	14					2	78			
			45X-6, 58–60	423.78	M	A	12					2	44	1		
			45X-6, 80–82	424.00	M	A	25			1			90			1
			45X-6, 120–122	424.40	M	A	19			1		1	99			1
			45X-6, 140–142	424.60	M	A	8					6	46			
			45X-7, 2–4	424.72	M	A	17					1	102			
			45X-7, 40–42	425.10	M	A	13			1		2	51			
			45X-CC, 2–4	425.15	M	A	16			3			46			
			45X-CC, 40-42	425.53	M	A	13			3			46			
			46X-1, 2–4	425.32	M	A	6			1			59			
			46X-1, 40–42	425.70	M	A	8					1	85			
			46X-1, 60–62	425.90	M	A	11					2	83			
			46X-1, 80–82	426.10	M	A	12			1			98			
			46X-1, 120–122	426.50	M	A	12					1	44			
			46X-1, 140–142	426.70	M	A	18					1	39			
			46X-2, 2–4	426.82	M	A	21					3	92			
			46X-2, 40–42	427.20	M	A	15			1		1	76			
			46X-2, 60–62	427.40	M	A	15			1		1	60			
			46X-2, 82-084	427.62	M	A	13			1		2	81			
			46X-2, 120–122	428.00	M	A	12			1		1	69			1
			46X-2, 140–142	428.20	M	A	27			1			96			
			46X-3, 2-4	428.32	M	A	30			1		2	61			
			46X-3, 40–42	428.70	M	A	15					1	71			

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Helicosphaera bramlettei*	*Helicosphaera compacta*	*Helicosphaera elongata*	*Helicosphaera euphratis*	*Helicosphaera obliqua*	*Helicosphaera orientalis*	*Helicosphaera paleocarteri*	*Helicosphaera perch-nielsenae*	*Helicosphaera recta*	*Helicosphaera wilcoxonii*
			44X-6, 40–42	414.00	M	A		2		1	1					
			44X-6, 60–62	414.20	M	A		2		3	1		1			
			44X-6, 80–82	414.40	M	A		2		2	2		1			
			44X-7, 2–4	414.82	M	A	1			1	1					
			44X-CC, 2–4	415.17	M	A					1		2			
			44X-CC, 30–32	415.45	M	A		3		3						
			45X-1, 2–4	415.72	M	A				2					2	
			45X-1, 38–40	416.08	M	A	1			2						
			45X-1, 58–60	416.28	M	A	1			3	1					
			45X-1, 78–80	416.48	M	A				1	1					
			45X-1, 120–122	416.90	M	A	1	1								
			45X-1, 140–142	417.10	M	A										
			45X-2, 2–4	417.22	M	A	1	1								
			45X-2, 40–42	417.60	M	A	1	1		2						
			45X-2, 57–59	417.77	M	A		1		3						
			45X-2, 77–79	417.97	M	A	1			1	1		1			
			45X-2, 120–122	418.40	M	A	1									
			45X-2, 140–142	418.60	M	A	1			1						
			45X-3, 2–4	418.72	M	A				1			1	1		
			45X-3, 39–41	419.09	M	A	1			1	1		1			
			45X-3, 61–63	419.31	M	A	1			2						
			45X-3, 78–80	419.48	M	A										
			45X-3, 120–122	419.90	M	A	1			1						
			45X-3, 140–142	420.10	M	A				3	1		1			
Miocene	early	CN1b	45X-4, 2–4	420.22	M	A	3			1						
			45X-4, 40–42	420.60	M	A	1			2	1					
			45X-4, 60–61	420.81	M	A				4						
			45X-4, 80–81	421.00	M	A	1			3						
			45X-4, 120–122	421.40	M	A				1						
			45X-4, 140–142	421.60	M	A	2			1						
			45X-5, 2–4	421.72	M	A	1	1		2	1	1				
			45X-5, 40–42	422.10	M	A				1						
			45X-5, 59–61	422.29	M	A	2	1		1	1					
			45X-5, 80–82	422.50	M	A				2	1					
			45X-5, 120–122	422.90	M	A	2			2	2					
			45X-5, 140–142	423.10	M	A	2			1	4					
			45X-6, 2–4	423.22	M	A					3		1			
			45X-6, 40–42	423.60	M	A	3			2	2					
			45X-6, 58–60	423.78	M	A	1			2						
			45X-6, 80–82	424.00	M	A		1								
			45X-6, 120–122	424.40	M	A				1	1					
			45X-6, 140–142	424.60	M	A	1			2	1					
			45X-7, 2–4	424.72	M	A	2			1	1					
			45X-7, 40–42	425.10	M	A				2						
			45X-CC, 2–4	425.15	M	A	1			1	3					
			45X-CC, 40-42	425.53	M	A	2			2	1	1				
			46X-1, 2–4	425.32	M	A	1			2	1		1			
			46X-1, 40–42	425.70	M	A		1		1						
			46X-1, 60–62	425.90	M	A	1									
			46X-1, 80–82	426.10	M	A	1	1		2						
			46X-1, 120–122	426.50	M	A				3	1		2			
			46X-1, 140–142	426.70	M	A				1	2					
			46X-2, 2–4	426.82	M	A	1									
			46X-2, 40–42	427.20	M	A	2			4						
			46X-2, 60–62	427.40	M	A				2			1			
			46X-2, 82-084	427.62	M	A	4				1					
			46X-2, 120–122	428.00	M	A	5	1		2	1					
			46X-2, 140–142	428.20	M	A	3			2	1					
			46X-3, 2-4	428.32	M	A	2		1	3	1					
			46X-3, 40–42	428.70	M	A	1			5	2					

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Hughesius gizoensis*	*Hughesius tasmaniae*	*Ilselithina fusa*	*Pontosphaera anisotrema*	*Pontosphaera multipora*	*Pontosphaera* spp.	*Pyrocyclus hermosus*	*Pyrocyclus orangensis*	*Reticulofenestra bisecta bisecta*	*Reticulofenestra bisecta filewiczii*
			44X-6, 40–42	414.00	M	A						1		3		
			44X-6, 60–62	414.20	M	A						2		1		
			44X-6, 80–82	414.40	M	A			2					3		
			44X-7, 2–4	414.82	M	A				1				4		
			44X-CC, 2–4	415.17	M	A			1		1			3		
			44X-CC, 30–32	415.45	M	A			1	1	2			1		
			45X-1, 2–4	415.72	M	A	1	9								
			45X-1, 38–40	416.08	M	A		2	4	1	2			2		1
			45X-1, 58–60	416.28	M	A			1		3					
			45X-1, 78–80	416.48	M	A			2	1	4			1		
			45X-1, 120–122	416.90	M	A			2	1	1			2		
			45X-1, 140–142	417.10	M	A			2					1		
			45X-2, 2–4	417.22	M	A			1		1					
			45X-2, 40–42	417.60	M	A			2		4					
			45X-2, 57–59	417.77	M	A				1						
			45X-2, 77–79	417.97	M	A				2	2			1		
			45X-2, 120–122	418.40	M	A					1			1		
			45X-2, 140–142	418.60	M	A								4		
			45X-3, 2–4	418.72	M	A				1	1	1		2		
			45X-3, 39–41	419.09	M	A		1			1			2		
			45X-3, 61–63	419.31	M	A					1			2		
			45X-3, 78–80	419.48	M	A										
			45X-3, 120–122	419.90	M	A					1			4		
			45X-3, 140–142	420.10	M	A				1	1			4		
Miocene	early	CN1b	45X-4, 2–4	420.22	M	A				2	2			2		
			45X-4, 40–42	420.60	M	A					1	1		4		
			45X-4, 60–61	420.81	M	A				1	1	1				
			45X-4, 80–81	421.00	M	A						1		2		
			45X-4, 120–122	421.40	M	A								3		
			45X-4, 140–142	421.60	M	A								3		
			45X-5, 2–4	421.72	M	A					2			2		
			45X-5, 40–42	422.10	M	A						1		2		
			45X-5, 59–61	422.29	M	A				1				3		
			45X-5, 80–82	422.50	M	A					1	2		1		
			45X-5, 120–122	422.90	M	A					1			1		
			45X-5, 140–142	423.10	M	A			4	1	2			3		
			45X-6, 2–4	423.22	M	A		1	1	1				1		
			45X-6, 40–42	423.60	M	A				1	1			3		
			45X-6, 58–60	423.78	M	A					2					
			45X-6, 80–82	424.00	M	A		1	2					2		
			45X-6, 120–122	424.40	M	A		1			2			3		
			45X-6, 140–142	424.60	M	A			2		1	1		2		
			45X-7, 2–4	424.72	M	A		1	1							
			45X-7, 40–42	425.10	M	A								2		
			45X-CC, 2–4	425.15	M	A		1		1	1			2		
			45X-CC, 40-42	425.53	M	A		1						1		
			46X-1, 2–4	425.32	M	A								1		
			46X-1, 40–42	425.70	M	A					2			1		
			46X-1, 60–62	425.90	M	A					1			1		
			46X-1, 80–82	426.10	M	A					3			1		
			46X-1, 120–122	426.50	M	A				2				2		
			46X-1, 140–142	426.70	M	A					2	1		3		
			46X-2, 2–4	426.82	M	A		4			1					
			46X-2, 40–42	427.20	M	A			1		1			1		
			46X-2, 60–62	427.40	M	A			1							
			46X-2, 82-084	427.62	M	A			2	1	2			2		
			46X-2, 120–122	428.00	M	A					2			1		
			46X-2, 140–142	428.20	M	A										
			46X-3, 2-4	428.32	M	A				1	1	1		2		
			46X-3, 40–42	428.70	M	A			1	1	1			1		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Reticulofenestra coenura*	*Reticulofenestra hampdenensis*	*Reticulofenestra haqii*	*Reticulofenestra lockeri*	*Reticulofenestra minuta*	*Reticulofenestra minutula*	*Reticulofenestra stavensis*	*Rhabdosphaera gladius*	*Rhabdosphaera procera*	*Sphenolithus calyculus*
			44X-6, 40–42	414.00	M	A			3	2	99	49			1	
			44X-6, 60–62	414.20	M	A			2	3	70	53			1	
			44X-6, 80–82	414.40	M	A			2		88	65				
			44X-7, 2–4	414.82	M	A			6		67	64				
			44X-CC, 2–4	415.17	M	A			4		76	78				
			44X-CC, 30–32	415.45	M	A	1		2	1	93	77			1	
			45X-1, 2–4	415.72	M	A	2		1		94	9				
			45X-1, 38–40	416.08	M	A	1		8	1	107	106				
			45X-1, 58–60	416.28	M	A	2		3		97	118			3	
			45X-1, 78–80	416.48	M	A	1		17	1	78	126				
			45X-1, 120–122	416.90	M	A	1		2	1	105	57				
			45X-1, 140–142	417.10	M	A			7		83	41			1	
			45X-2, 2–4	417.22	M	A			1		44	34				
			45X-2, 40–42	417.60	M	A			4		79	60				
			45X-2, 57–59	417.77	M	A			13	3	89	66				
			45X-2, 77–79	417.97	M	A			19	1	48	87			2	
			45X-2, 120–122	418.40	M	A			14	2	26	94				
			45X-2, 140–142	418.60	M	A			4	1	33	91				
			45X-3, 2–4	418.72	M	A			7		44	65			1	
			45X-3, 39–41	419.09	M	A			5	1	48	97				
			45X-3, 61–63	419.31	M	A			5	1	35	110				
			45X-3, 78–80	419.48	M	A			3		74	31				
			45X-3, 120–122	419.90	M	A			3	1	71	102			1	
			45X-3, 140–142	420.10	M	A			12	1	78	115				
Miocene	early	CN1b	45X-4, 2–4	420.22	M	A			7	1	78	103				
			45X-4, 40–42	420.60	M	A			3	1	33	88	1			
			45X-4, 60–61	420.81	M	A					72	92				
			45X-4, 80–81	421.00	M	A	1		10		63	144			1	
			45X-4, 120–122	421.40	M	A			9		72	102				
			45X-4, 140–142	421.60	M	A	3		1	1	62	133	2			
			45X-5, 2–4	421.72	M	A			4		72	129			1	
			45X-5, 40–42	422.10	M	A			3		77	94			1	
			45X-5, 59–61	422.29	M	A			4		110	51				
			45X-5, 80–82	422.50	M	A			13		33	127			1	
			45X-5, 120–122	422.90	M	A			2		102	100				
			45X-5, 140–142	423.10	M	A			8		59	144			1	
			45X-6, 2–4	423.22	M	A					47	119			1	
			45X-6, 40–42	423.60	M	A			5		64	139			1	
			45X-6, 58–60	423.78	M	A			6		69	156				
			45X-6, 80–82	424.00	M	A			8		82	91				
			45X-6, 120–122	424.40	M	A	1		4	1	83	98				
			45X-6, 140–142	424.60	M	A			9		63	124				
			45X-7, 2–4	424.72	M	A			5		74	86				
			45X-7, 40–42	425.10	M	A			4		77	176			1	
			45X-CC, 2–4	425.15	M	A			10		84	155			3	
			45X-CC, 40-42	425.53	M	A			6		108	132			1	
			46X-1, 2–4	425.32	M	A			1		76	140				
			46X-1, 40–42	425.70	M	A					102	92			1	
			46X-1, 60–62	425.90	M	A	1		2	3	101	90			1	
			46X-1, 80–82	426.10	M	A	1				66	118				
			46X-1, 120–122	426.50	M	A			2		66	177			1	
			46X-1, 140–142	426.70	M	A			8		114	96			3	
			46X-2, 2–4	426.82	M	A	1		1	1	80	109				
			46X-2, 40–42	427.20	M	A			3		35	170			1	
			46X-2, 60–62	427.40	M	A			13		52	169			1	
			46X-2, 82-084	427.62	M	A			4		28	142			1	
			46X-2, 120–122	428.00	M	A			10		101	86				
			46X-2, 140–142	428.20	M	A			15		71	89				
			46X-3, 2-4	428.32	M	A			9		81	113			1	
			46X-3, 40–42	428.70	M	A			4		37	164				

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Sphenolithus capricornutus*	*Sphenolithus compactus*	*Sphenolithus conicus*	*Sphenolithus delphix*	*Sphenolithus dissimilis*	*Sphenolithus moriformis*	*Sphenolithus moriformis* <6 µm	*Sphenolithus* spp.	*Tetralithoides sygmeonidesii*	*Triquetrorhabdulus carinatus*
			44X-6, 40–42	414.00	M	A		3				8				1
			44X-6, 60–62	414.20	M	A					1	10	1			
			44X-6, 80–82	414.40	M	A		1			1	1				
			44X-7, 2–4	414.82	M	A		1				4				
			44X-CC, 2–4	415.17	M	A		1				7				
			44X-CC, 30–32	415.45	M	A		1				2				
			45X-1, 2–4	415.72	M	A						6				
			45X-1, 38–40	416.08	M	A		3			2	4				
			45X-1, 58–60	416.28	M	A		3			1	9				
			45X-1, 78–80	416.48	M	A		1			1	9				
			45X-1, 120–122	416.90	M	A						4				
			45X-1, 140–142	417.10	M	A						3				
			45X-2, 2–4	417.22	M	A					1	4				
			45X-2, 40–42	417.60	M	A		1				4				
			45X-2, 57–59	417.77	M	A					1	6				
			45X-2, 77–79	417.97	M	A		1				2				
			45X-2, 120–122	418.40	M	A						3	4			
			45X-2, 140–142	418.60	M	A						4				
			45X-3, 2–4	418.72	M	A						4				
			45X-3, 39–41	419.09	M	A		2	1			1	2			
			45X-3, 61–63	419.31	M	A		3				6				1
			45X-3, 78–80	419.48	M	A		1				4	1			
			45X-3, 120–122	419.90	M	A		1			1	2				
			45X-3, 140–142	420.10	M	A		1				2	1			
Miocene	early	CN1b	45X-4, 2–4	420.22	M	A		3				3				
			45X-4, 40–42	420.60	M	A		1				1				
			45X-4, 60–61	420.81	M	A		1				1				
			45X-4, 80–81	421.00	M	A			1			2				
			45X-4, 120–122	421.40	M	A		2								
			45X-4, 140–142	421.60	M	A		2				1				
			45X-5, 2–4	421.72	M	A						2				
			45X-5, 40–42	422.10	M	A		1								
			45X-5, 59–61	422.29	M	A		1				1				
			45X-5, 80–82	422.50	M	A						1				
			45X-5, 120–122	422.90	M	A		1				1	1			
			45X-5, 140–142	423.10	M	A		3				5				1
			45X-6, 2–4	423.22	M	A		1								
			45X-6, 40–42	423.60	M	A						3				
			45X-6, 58–60	423.78	M	A		1					1			
			45X-6, 80–82	424.00	M	A						1				
			45X-6, 120–122	424.40	M	A		1				1				
			45X-6, 140–142	424.60	M	A		1				3				
			45X-7, 2–4	424.72	M	A		1				1				
			45X-7, 40–42	425.10	M	A						1				
			45X-CC, 2–4	425.15	M	A						6				1
			45X-CC, 40-42	425.53	M	A						6				
			46X-1, 2–4	425.32	M	A						1				
			46X-1, 40–42	425.70	M	A					1	4			1	
			46X-1, 60–62	425.90	M	A						7				
			46X-1, 80–82	426.10	M	A						1	2			
			46X-1, 120–122	426.50	M	A					1	3	1			
			46X-1, 140–142	426.70	M	A						2				
			46X-2, 2–4	426.82	M	A						2				
			46X-2, 40–42	427.20	M	A					1	1				
			46X-2, 60–62	427.40	M	A		2			1	6				1
			46X-2, 82-084	427.62	M	A					1	1				
			46X-2, 120–122	428.00	M	A		1								
			46X-2, 140–142	428.20	M	A						1				
			46X-3, 2-4	428.32	M	A						3				
			46X-3, 40–42	428.70	M	A						3	1			

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Triquetrorhabdulus challengeri*	*Triquetrorhabdulus milowii*	*Umbilicosphaera jafari*	*Umbilicosphaera* spp.	*Zygrhablithus bijugatus*
			44X-6, 40–42	414.00	M	A			10		
			44X-6, 60–62	414.20	M	A			19		
			44X-6, 80–82	414.40	M	A			23	6	
			44X-7, 2–4	414.82	M	A			18		
			44X-CC, 2–4	415.17	M	A			12		
			44X-CC, 30–32	415.45	M	A			9		
			45X-1, 2–4	415.72	M	A			3		
			45X-1, 38–40	416.08	M	A			7		
			45X-1, 58–60	416.28	M	A			22	2	
			45X-1, 78–80	416.48	M	A			27	2	
			45X-1, 120–122	416.90	M	A			21		
			45X-1, 140–142	417.10	M	A		1	7		
			45X-2, 2–4	417.22	M	A			2		
			45X-2, 40–42	417.60	M	A			24	2	
			45X-2, 57–59	417.77	M	A			9	2	
			45X-2, 77–79	417.97	M	A			28		
			45X-2, 120–122	418.40	M	A		1	31		
			45X-2, 140–142	418.60	M	A		1	5		
			45X-3, 2–4	418.72	M	A			16		
			45X-3, 39–41	419.09	M	A			4		
			45X-3, 61–63	419.31	M	A			2		
			45X-3, 78–80	419.48	M	A	1		1		
			45X-3, 120–122	419.90	M	A			4		
			45X-3, 140–142	420.10	M	A		1	6		
Miocene	early	CN1b	45X-4, 2–4	420.22	M	A			4		
			45X-4, 40–42	420.60	M	A			9		
			45X-4, 60–61	420.81	M	A			10		
			45X-4, 80–81	421.00	M	A			26		
			45X-4, 120–122	421.40	M	A		1	14		
			45X-4, 140–142	421.60	M	A			21		
			45X-5, 2–4	421.72	M	A			23		
			45X-5, 40–42	422.10	M	A			11		
			45X-5, 59–61	422.29	M	A			18		
			45X-5, 80–82	422.50	M	A			25		
			45X-5, 120–122	422.90	M	A			18	2	
			45X-5, 140–142	423.10	M	A		1	6		
			45X-6, 2–4	423.22	M	A			13	3	
			45X-6, 40–42	423.60	M	A			20	3	
			45X-6, 58–60	423.78	M	A			17		
			45X-6, 80–82	424.00	M	A			12	2	
			45X-6, 120–122	424.40	M	A			8	1	
			45X-6, 140–142	424.60	M	A			39		
			45X-7, 2–4	424.72	M	A		1	25	3	
			45X-7, 40–42	425.10	M	A			5	2	1
			45X-CC, 2–4	425.15	M	A			5		
			45X-CC, 40-42	425.53	M	A			5		
			46X-1, 2–4	425.32	M	A			14	1	
			46X-1, 40–42	425.70	M	A			5		
			46X-1, 60–62	425.90	M	A			2		1
			46X-1, 80–82	426.10	M	A					
			46X-1, 120–122	426.50	M	A			4		
			46X-1, 140–142	426.70	M	A			17	3	
			46X-2, 2–4	426.82	M	A			1	1	
			46X-2, 40–42	427.20	M	A			15		
			46X-2, 60–62	427.40	M	A	1		7		
			46X-2, 82-084	427.62	M	A			38	6	
			46X-2, 120–122	428.00	M	A			23		
			46X-2, 140–142	428.20	M	A			2		
			46X-3, 2-4	428.32	M	A			9		
			46X-3, 40–42	428.70	M	A			5		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Braarudosphaera bigelowii*	*Calcidiscus fuscus*	*Calcidiscus kingii*	*Calcidiscus leptoporus*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Camuralithus pelliculatus*	*Clausicoccus fenestratus*	*Clausicoccus obrutus*	*Coccolithus miopelagicus*
Miocene	early	CN1b	46X-3, 60–62	428.90	M	A		2		2	2					
			46X-3, 80–82	429.10	M	A		2		1						
			46X-3, 120–122	429.50	M	A		3		1	1					
			46X-3, 140–142	429.70	M	A		3		2						
			46X-4, 2–4	429.82	M	A		2		4	1					
			46X-4, 40–42	430.20	M	A	1	1								
			46X-4, 60–62	430.40	M	A				1						
			46X-4, 80–82	430.60	M	A				1						
			46X-4, 120–122	431.00	M	A				2						
			46X-4, 140-142	431.20	M	A		1		3						
			46X-5, 2–4	431.32	M	A										
			46X-5, 40-42	431.70	M	A		2								
			46X-5, 60–62	431.90	M	A					1					
			46X-5, 80-082	432.10	M	A		2		2					1	
			46X-5, 120–122	432.50	M	A		1	1	1						
			46X-5, 140-142	432.70	M	A		2		1	2					
			46X-6, 2–4	432.82	M	A		1		1	1					
			46X-6, 40–42	433.20	M	A				1						
			46X-6, 60–62	433.40	M	A					2					
			46X-6, 80–82	433.60	M	A					1					
			46X-6, 120–122	434.00	M	A			3	2						
			46X-6, 140–142	434.20	M	A		1								
			46X-7, 2–4	434.32	M	A			1							
			46X-7, 40–42	434.70	M	A		1		1						
			46X-CC, 2–4	434.75	M	A		3		1						
			46X-CC, 30–32	435.03	M	A	1	2		1						
			47X-1, 2–4	434.92	M	A		1		1	1		2			
			47X-1, 38–40	435.28	M	A		2								
			47X-1, 68–70	435.52	M	A		2								
			47X-1, 78–80	435.68	M	A										
			47X-1, 120–122	436.10	M	A										
			47X-1, 140–142	436.30	M	A	1	1		2						
			47X-2, 2–4	436.42	M	A		1								
			47X-2, 40–42	436.80	M	A		1								
			47X-2, 59–61	436.99	M	A	1	1								
			47X-2, 78–80	437.18	M	A		5								
		CN1a	47X-2, 120–122	437.60	M	A		10								
			47X-2, 140–142	437.80	M	A	1									
			47X-3, 2–4	437.92	M	A				1						
			47X-3, 40–42	438.30	M	A		3								
			47X-3, 59–61	438.49	M	A		2		1						
			47X-3, 78–80	438.68	M	A		2		1						
			47X-3, 120–140	439.10	M	A		1								
			47X-4, 2–4	439.42	M	A		2		1						
			47X-4, 40–42	439.80	M	A		1		1						
Oligocene	late	CP19	47X-4, 68–70	440.08	M	A										
			47X-4, 80–82	440.20	M	A		1		1						
			47X-4, 120–122	440.60	M	A	2	1								
			47X-4, 140–142	440.80	M	A		1		2						
			47X-5, 2–4	440.92	M	A	1								1	
			47X-5, 40–42	441.30	M	A	1									
			47X-5, 60–62	441.50	M	A		2								
			47X-5, 80–82	441.70	M	A										
			47X-5, 120–122	442.10	M	A		3								
			47X-5, 140–142	442.30	M	A		4								
			47X-6, 2–4	442.42	M	A		4								
			47X-6, 40–42	442.80	M	A		5								
			47X-6, 60–62	443.00	M	A		4								
			47X-6, 80–82	443.20	M	A		1								

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Coccolithus pelagicus*	*Coccolithus pelagicus* >12 µm	*Coronocyclus* aff. *prionion*	*Coronocyclus nitescens*	*Cyclicargolithus abisectus*	*Cyclicargolithus abisectus* <10 µm	*Cyclicargolithus floridanus*	*Discoaster deflandrei*	*Discoaster* spp. (5 ray)	*Discoaster* spp. (6 ray)
Miocene	early	CN1b	46X-3, 60–62	428.90	M	A	27					2	123	1		
			46X-3, 80–82	429.10	M	A	7					3	76			
			46X-3, 120–122	429.50	M	A	4			1		4	64			
			46X-3, 140–142	429.70	M	A	6			1		3	81			
			46X-4, 2–4	429.82	M	A	13			1		3	98			
			46X-4, 40–42	430.20	M	A	16	2				8	108			
			46X-4, 60–62	430.40	M	A	25					1	103	1		
			46X-4, 80–82	430.60	M	A	28			1		1	74			
			46X-4, 120–122	431.00	M	A	10					1	85			
			46X-4, 140-142	431.20	M	A	4			1			84			
			46X-5, 2–4	431.32	M	A	16			1		6	96			
			46X-5, 40-42	431.70	M	A	8	1		2		3	95			
			46X-5, 60–62	431.90	M	A	13					1	45			
			46X-5, 80-082	432.10	M	A	13			3			56			
			46X-5, 120–122	432.50	M	A	12			2		2	31			
			46X-5, 140-142	432.70	M	A	31			1		4	124			
			46X-6, 2–4	432.82	M	A	22					1	47	1		
			46X-6, 40–42	433.20	M	A	19					1	64			
			46X-6, 60–62	433.40	M	A	21						67			
			46X-6, 80–82	433.60	M	A	16					2	50			
			46X-6, 120–122	434.00	M	A	9			2			21	2		1
			46X-6, 140–142	434.20	M	A	16			1			30			
			46X-7, 2–4	434.32	M	A	15	1				1	52			1
			46X-7, 40–42	434.70	M	A	9	2		3		2	127			
			46X-CC, 2–4	434.75	M	A	10	1		3		1	111	1		
			46X-CC, 30–32	435.03	M	A	12						102			
			47X-1, 2–4	434.92	M	A	16						76			
			47X-1, 38–40	435.28	M	A	8						110			
			47X-1, 68–70	435.52	M	A	18			1			175			
			47X-1, 78–80	435.68	M	A	8			1		2	135			
			47X-1, 120–122	436.10	M	A	18	1				1	165			
			47X-1, 140–142	436.30	M	A	9					2	85			
			47X-2, 2–4	436.42	M	A	9			1			88			
			47X-2, 40–42	436.80	M	A	11			1			113			
			47X-2, 59–61	436.99	M	A	13			1			124	1		2
			47X-2, 78–80	437.18	M	A	3			5		3	82	1		
		CN1a	47X-2, 120–122	437.60	M	A	13			2		2	117			
			47X-2, 140–142	437.80	M	A	17						94			1
			47X-3, 2–4	437.92	M	A	9					4	73			
			47X-3, 40–42	438.30	M	A	15					1	84			
			47X-3, 59–61	438.49	M	A	15					1	97			
			47X-3, 78–80	438.68	M	A	25						120			
			47X-3, 120–140	439.10	M	A	20					2	59	3		
			47X-4, 2–4	439.42	M	A	7					2	88			
			47X-4, 40–42	439.80	M	A	38					2	96			
Oligocene	late	CP19	47X-4, 68–70	440.08	M	A	38						99			
			47X-4, 80–82	440.20	M	A	39						73			
			47X-4, 120–122	440.60	M	A	11	1					141			
			47X-4, 140–142	440.80	M	A	14			2		2	96	1		
			47X-5, 2–4	440.92	M	A	17					1	89			
			47X-5, 40–42	441.30	M	A	11						78			
			47X-5, 60–62	441.50	M	A	14						98			
			47X-5, 80–82	441.70	M	A	9			1			121			1
			47X-5, 120–122	442.10	M	A	22					1	79			1
			47X-5, 140–142	442.30	M	A	15					3	107			
			47X-6, 2–4	442.42	M	A	6					1	95			
			47X-6, 40–42	442.80	M	A	5			1		1	144			1
			47X-6, 60–62	443.00	M	A	6						100			
			47X-6, 80–82	443.20	M	A	3			1		2	99	1		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Helicosphaera bramlettei*	*Helicosphaera compacta*	*Helicosphaera elongata*	*Helicosphaera euphratis*	*Helicosphaera obliqua*	*Helicosphaera orientalis*	*Helicosphaera paleocarteri*	*Helicosphaera perch-nielsenae*	*Helicosphaera recta*	*Helicosphaera wilcoxonii*
			46X-3, 60–62	428.90	M	A	1									
			46X-3, 80–82	429.10	M	A	1			2						
			46X-3, 120–122	429.50	M	A	1			2	1					
			46X-3, 140–142	429.70	M	A					4					
			46X-4, 2–4	429.82	M	A	1				1					
			46X-4, 40–42	430.20	M	A	1	1		1	1					
			46X-4, 60–62	430.40	M	A	1			1	1		1			
			46X-4, 80–82	430.60	M	A	1	2		8	3					
			46X-4, 120–122	431.00	M	A	2			3	3		2			
			46X-4, 140-142	431.20	M	A	2			1	1					
			46X-5, 2–4	431.32	M	A	1				1					
			46X-5, 40-42	431.70	M	A	1			1	1					
			46X-5, 60–62	431.90	M	A	3			3	3					
			46X-5, 80-082	432.10	M	A	1				3					
			46X-5, 120–122	432.50	M	A	1			1	2					
			46X-5, 140-142	432.70	M	A	1			1						
Miocene	early	CN1b	46X-6, 2–4	432.82	M	A	5				1					
			46X-6, 40–42	433.20	M	A	3			1	1					
			46X-6, 60–62	433.40	M	A	2			1	1					
			46X-6, 80–82	433.60	M	A	1	1			1				1	
			46X-6, 120–122	434.00	M	A	1	1			1					
			46X-6, 140–142	434.20	M	A				2	2					
			46X-7, 2–4	434.32	M	A		1		3	2					
			46X-7, 40–42	434.70	M	A				2						
			46X-CC, 2–4	434.75	M	A	1									
			46X-CC, 30–32	435.03	M	A				1						
			47X-1, 2–4	434.92	M	A	2			3						
			47X-1, 38–40	435.28	M	A	2			2						
			47X-1, 68–70	435.52	M	A				2						
			47X-1, 78–80	435.68	M	A				1						
			47X-1, 120–122	436.10	M	A				1						
			47X-1, 140–142	436.30	M	A	1									
			47X-2, 2–4	436.42	M	A	3			4	1					
			47X-2, 40–42	436.80	M	A	1									
			47X-2, 59–61	436.99	M	A		1								
			47X-2, 78–80	437.18	M	A	1	2								
			47X-2, 120–122	437.60	M	A	1	3		1						
			47X-2, 140–142	437.80	M	A				1						
			47X-3, 2–4	437.92	M	A				4						
			47X-3, 40–42	438.30	M	A	1			3	1				1	
		CN1a	47X-3, 59–61	438.49	M	A	2			3	2					
			47X-3, 78–80	438.68	M	A	1			5						
			47X-3, 120–140	439.10	M	A	1			3						
			47X-4, 2–4	439.42	M	A				2	1					
			47X-4, 40–42	439.80	M	A	1			2	1					
			47X-4, 68–70	440.08	M	A	1			3			1			
			47X-4, 80–82	440.20	M	A	1			3						
			47X-4, 120–122	440.60	M	A				2	1					
			47X-4, 140–142	440.80	M	A				1	2					
			47X-5, 2–4	440.92	M	A				4						
			47X-5, 40–42	441.30	M	A	1			4						
Oligocene	late	CP19	47X-5, 60–62	441.50	M	A	1			6						
			47X-5, 80–82	441.70	M	A										
			47X-5, 120–122	442.10	M	A	1			3						
			47X-5, 140–142	442.30	M	A				1						
			47X-6, 2–4	442.42	M	A				1						
			47X-6, 40–42	442.80	M	A	1		1				2			
			47X-6, 60–62	443.00	M	A										
			47X-6, 80–82	443.20	M	A	1			1						

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Hughesius gizoensis*	*Hughesius tasmaniae*	*Ilselithina fusa*	*Pontosphaera anisotrema*	*Pontosphaera multipora*	*Pontosphaera* spp.	*Pyrocyclus hermosus*	*Pyrocyclus orangensis*	*Reticulofenestra bisecta bisecta*	*Reticulofenestra bisecta filewiczii*
Miocene	early	CN1b	46X-3, 60–62	428.90	M	A			1		1			1		
			46X-3, 80–82	429.10	M	A				1	1			4		
			46X-3, 120–122	429.50	M	A					1			1		
			46X-3, 140–142	429.70	M	A					1					
			46X-4, 2–4	429.82	M	A			1		4			1		
			46X-4, 40–42	430.20	M	A					2			2		
			46X-4, 60–62	430.40	M	A	1			1				2		
			46X-4, 80–82	430.60	M	A					2			2		
			46X-4, 120–122	431.00	M	A				1				2		
			46X-4, 140-142	431.20	M	A					1			2		
			46X-5, 2–4	431.32	M	A								2		
			46X-5, 40-42	431.70	M	A			1		1			1		
			46X-5, 60–62	431.90	M	A					1					
			46X-5, 80-082	432.10	M	A					2					
			46X-5, 120–122	432.50	M	A		1			1	1				
			46X-5, 140-142	432.70	M	A		5	1					4		
			46X-6, 2–4	432.82	M	A		2						1		
			46X-6, 40–42	433.20	M	A		1			2			2		
			46X-6, 60–62	433.40	M	A					1			2		
			46X-6, 80–82	433.60	M	A				1	1			1		
			46X-6, 120–122	434.00	M	A	1	4		1	1					
			46X-6, 140–142	434.20	M	A										
			46X-7, 2–4	434.32	M	A		1	1							
			46X-7, 40–42	434.70	M	A		1	1		4			3		
			46X-CC, 2–4	434.75	M	A			1		2			1		
			46X-CC, 30–32	435.03	M	A					3			3		
			47X-1, 2–4	434.92	M	A		1			2	1		1		
			47X-1, 38–40	435.28	M	A					2			1		
			47X-1, 68–70	435.52	M	A			6		2			1		
			47X-1, 78–80	435.68	M	A			1		4			1		
			47X-1, 120–122	436.10	M	A					1					
			47X-1, 140–142	436.30	M	A					2	1		1		
			47X-2, 2–4	436.42	M	A					2			1		
			47X-2, 40–42	436.80	M	A			1		1			3		
			47X-2, 59–61	436.99	M	A					1			6		
			47X-2, 78–80	437.18	M	A			1		2			1		
		CN1a	47X-2, 120–122	437.60	M	A				3	3			2		
			47X-2, 140–142	437.80	M	A					3	4		2		
			47X-3, 2–4	437.92	M	A			1	2	2			3		
			47X-3, 40–42	438.30	M	A				1	2			2		
			47X-3, 59–61	438.49	M	A					2			3		
			47X-3, 78–80	438.68	M	A					3			1		
			47X-3, 120–140	439.10	M	A				2				3		
			47X-4, 2–4	439.42	M	A				1				4		
			47X-4, 40–42	439.80	M	A				3	1			4		
Oligocene	late	CP19	47X-4, 68–70	440.08	M	A				1	1			4	1	
			47X-4, 80–82	440.20	M	A					1			1	2	
			47X-4, 120–122	440.60	M	A					3			3		
			47X-4, 140–142	440.80	M	A				1				5		
			47X-5, 2–4	440.92	M	A		1		1	1			4		
			47X-5, 40–42	441.30	M	A				1	1			1	2	
			47X-5, 60–62	441.50	M	A				1	3			3		
			47X-5, 80–82	441.70	M	A			1	1	2				2	
			47X-5, 120–122	442.10	M	A				2	1			1		
			47X-5, 140–142	442.30	M	A			1	1	2			2		
			47X-6, 2–4	442.42	M	A					1			3		
			47X-6, 40–42	442.80	M	A				1	1			1		
			47X-6, 60–62	443.00	M	A				2						
			47X-6, 80–82	443.20	M	A				1	2			2		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Reticulofenestra coenura*	*Reticulofenestra hampdenensis*	*Reticulofenestra haqii*	*Reticulofenestra lockeri*	*Reticulofenestra minuta*	*Reticulofenestra minutula*	*Reticulofenestra stavensis*	*Rhabdosphaera gladius*	*Rhabdosphaera procera*	*Sphenolithus calyculus*
			46X-3, 60–62	428.90	M	A	1		13		20	108				
			46X-3, 80–82	429.10	M	A			22		30	164			1	
			46X-3, 120–122	429.50	M	A			21		27	173	1			
			46X-3, 140–142	429.70	M	A			30		41	133			1	
			46X-4, 2–4	429.82	M	A			24		50	121				
			46X-4, 40–42	430.20	M	A			7		72	87				
			46X-4, 60–62	430.40	M	A			14		96	91				
			46X-4, 80–82	430.60	M	A			2		114	89				
			46X-4, 120–122	431.00	M	A			13		114	102				
			46X-4, 140-142	431.20	M	A			10		64	112				
			46X-5, 2–4	431.32	M	A			20		57	109				
			46X-5, 40-42	431.70	M	A			26		60	102			2	
			46X-5, 60–62	431.90	M	A			18		97	109				
			46X-5, 80-082	432.10	M	A			4		83	135				
			46X-5, 120–122	432.50	M	A	1		9		74	185				
			46X-5, 140-142	432.70	M	A	1		5		68	53				
Miocene	early	CN1b	46X-6, 2–4	432.82	M	A			2		94	117				
			46X-6, 40–42	433.20	M	A			29		98	97			1	
			46X-6, 60–62	433.40	M	A			4		94	140				
			46X-6, 80–82	433.60	M	A			7		77	127				
			46X-6, 120–122	434.00	M	A	1		3	1	43	263			1	
			46X-6, 140–142	434.20	M	A			1		47	224				
			46X-7, 2–4	434.32	M	A	1		10		25	178				
			46X-7, 40–42	434.70	M	A	1		20		71	46				
			46X-CC, 2–4	434.75	M	A	1		11		71	88				
			46X-CC, 30–32	435.03	M	A	2		17		86	60			1	
			47X-1, 2–4	434.92	M	A					42	151				
			47X-1, 38–40	435.28	M	A			2		91	70		1	4	
			47X-1, 68–70	435.52	M	A			4		36	52			1	
			47X-1, 78–80	435.68	M	A	1		6		62	81				
			47X-1, 120–122	436.10	M	A			7		8	110				
			47X-1, 140–142	436.30	M	A	1		3		73	146			1	
			47X-2, 2–4	436.42	M	A	1		11		88	113			2	
			47X-2, 40–42	436.80	M	A	2		12		78	98				
			47X-2, 59–61	436.99	M	A	1		8		64	96				
			47X-2, 78–80	437.18	M	A	3		1	1	114	150			4	
			47X-2, 120–122	437.60	M	A	2		2	14	100	103			2	
			47X-2, 140–142	437.80	M	A			6		87	63			2	
			47X-3, 2–4	437.92	M	A			2		92	108			1	
			47X-3, 40–42	438.30	M	A			6		77	79			1	
		CN1a	47X-3, 59–61	438.49	M	A			2		71	105				
			47X-3, 78–80	438.68	M	A			8		117	86			2	
			47X-3, 120–140	439.10	M	A	1		7		77	103				
			47X-4, 2–4	439.42	M	A			9		47	99	1		1	1
			47X-4, 40–42	439.80	M	A	1		22		50	82				
			47X-4, 68–70	440.08	M	A	1		24		103	39			1	
			47X-4, 80–82	440.20	M	A			19	1	76	116				
			47X-4, 120–122	440.60	M	A			4		81	128				
			47X-4, 140–142	440.80	M	A			21	1	57	166				
			47X-5, 2–4	440.92	M	A			31	1	35	134	1			
			47X-5, 40–42	441.30	M	A	1		29		17	143	1		1	
Oligocene	late	CP19	47X-5, 60–62	441.50	M	A			42	2	43	158	1			
			47X-5, 80–82	441.70	M	A			25	1	41	96			1	
			47X-5, 120–122	442.10	M	A			1	1	85	97				
			47X-5, 140–142	442.30	M	A			9		31	129				
			47X-6, 2–4	442.42	M	A			2	1	21	181			1	
			47X-6, 40–42	442.80	M	A			58		34	121				
			47X-6, 60–62	443.00	M	A			12		62	164				
			47X-6, 80–82	443.20	M	A	2		2		62	157				

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Sphenolithus capricornutus*	*Sphenolithus compactus*	*Sphenolithus conicus*	*Sphenolithus delphix*	*Sphenolithus dissimilis*	*Sphenolithus moriformis*	*Sphenolithus moriformis* <6 µm	*Sphenolithus* spp.	*Tetralithoides sygmeonidesii*	*Triquetrorhabdulus carinatus*
Miocene	early	CN1b	46X-3, 60–62	428.90	M	A		1								1
			46X-3, 80–82	429.10	M	A						3				
			46X-3, 120–122	429.50	M	A		1				1				
			46X-3, 140–142	429.70	M	A						4	1			
			46X-4, 2–4	429.82	M	A		1				2				
			46X-4, 40–42	430.20	M	A						2				
			46X-4, 60–62	430.40	M	A						1				
			46X-4, 80–82	430.60	M	A							1			
			46X-4, 120–122	431.00	M	A						3				
			46X-4, 140-142	431.20	M	A						3				
			46X-5, 2–4	431.32	M	A						2				
			46X-5, 40-42	431.70	M	A										
			46X-5, 60–62	431.90	M	A						5				
			46X-5, 80-082	432.10	M	A						1				
			46X-5, 120–122	432.50	M	A					1	2				
			46X-5, 140-142	432.70	M	A		1				5				
			46X-6, 2–4	432.82	M	A						4				
			46X-6, 40–42	433.20	M	A						1				
			46X-6, 60–62	433.40	M	A						4				
			46X-6, 80–82	433.60	M	A						2				
			46X-6, 120–122	434.00	M	A						4				1
			46X-6, 140–142	434.20	M	A						3				
			46X-7, 2–4	434.32	M	A						3				
			46X-7, 40–42	434.70	M	A						2				
			46X-CC, 2–4	434.75	M	A										
			46X-CC, 30–32	435.03	M	A										
			47X-1, 2–4	434.92	M	A		1				3				
			47X-1, 38–40	435.28	M	A						2				
			47X-1, 68–70	435.52	M	A		1				5				
			47X-1, 78–80	435.68	M	A						2				
			47X-1, 120–122	436.10	M	A						4				
			47X-1, 140–142	436.30	M	A		1				3				
			47X-2, 2–4	436.42	M	A						4				
			47X-2, 40–42	436.80	M	A						1	1			
			47X-2, 59–61	436.99	M	A		3					1			
			47X-2, 78–80	437.18	M	A		2				3	1			
		CN1a	47X-2, 120–122	437.60	M	A	1					2	1			
			47X-2, 140–142	437.80	M	A	1	1			1		3			
			47X-3, 2–4	437.92	M	A		2			1	3				
			47X-3, 40–42	438.30	M	A	2	1			1	4				
			47X-3, 59–61	438.49	M	A		5				5				
			47X-3, 78–80	438.68	M	A	1	4		1		4				
			47X-3, 120–140	439.10	M	A	2	2				8				
			47X-4, 2–4	439.42	M	A		2			1	12				
			47X-4, 40–42	439.80	M	A						6				
Oligocene	late	CP19	47X-4, 68–70	440.08	M	A			1			8				
			47X-4, 80–82	440.20	M	A						13	1			
			47X-4, 120–122	440.60	M	A						13				
			47X-4, 140–142	440.80	M	A		1				9				
			47X-5, 2–4	440.92	M	A						10	1			
			47X-5, 40–42	441.30	M	A						7				
			47X-5, 60–62	441.50	M	A		1				13				
			47X-5, 80–82	441.70	M	A						7				
			47X-5, 120–122	442.10	M	A						8				
			47X-5, 140–142	442.30	M	A						2				
			47X-6, 2–4	442.42	M	A		1				10				
			47X-6, 40–42	442.80	M	A		1				3				
			47X-6, 60–62	443.00	M	A		1				3				
			47X-6, 80–82	443.20	M	A		1			2	2	1			

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Triquetrorhabdulus challengeri*	*Triquetrorhabdulus milowii*	*Umbilicosphaera jafari*	*Umbilicosphaera* spp.	*Zygrhablithus bijugatus*
Miocene	early	CN1b	46X-3, 60–62	428.90	M	A			1		
			46X-3, 80–82	429.10	M	A			16		
			46X-3, 120–122	429.50	M	A			5	1	
			46X-3, 140–142	429.70	M	A			2		
			46X-4, 2–4	429.82	M	A			2		
			46X-4, 40–42	430.20	M	A			2		
			46X-4, 60–62	430.40	M	A			4	1	
			46X-4, 80–82	430.60	M	A			1		
			46X-4, 120–122	431.00	M	A			6	2	
			46X-4, 140-142	431.20	M	A			19		
			46X-5, 2–4	431.32	M	A			1		
			46X-5, 40-42	431.70	M	A			3		
			46X-5, 60–62	431.90	M	A			25	1	
			46X-5, 80-082	432.10	M	A			6		
			46X-5, 120–122	432.50	M	A			2	1	
			46X-5, 140-142	432.70	M	A					
			46X-6, 2–4	432.82	M	A			29	3	
			46X-6, 40–42	433.20	M	A			16	3	
			46X-6, 60–62	433.40	M	A			11		
			46X-6, 80–82	433.60	M	A			30	3	
			46X-6, 120–122	434.00	M	A			7	2	
			46X-6, 140–142	434.20	M	A			32		
			46X-7, 2–4	434.32	M	A			17	2	
			46X-7, 40–42	434.70	M	A			23	1	
			46X-CC, 2–4	434.75	M	A			13	3	
			46X-CC, 30–32	435.03	M	A			27	2	
			47X-1, 2–4	434.92	M	A			9		
			47X-1, 38–40	435.28	M	A			11	2	
			47X-1, 68–70	435.52	M	A			9		
			47X-1, 78–80	435.68	M	A			13		
			47X-1, 120–122	436.10	M	A					
			47X-1, 140–142	436.30	M	A			5		
			47X-2, 2–4	436.42	M	A			6	1	
			47X-2, 40–42	436.80	M	A			3	1	
			47X-2, 59–61	436.99	M	A			3		
			47X-2, 78–80	437.18	M	A			4		
		CN1a	47X-2, 120–122	437.60	M	A			16		
			47X-2, 140–142	437.80	M	A			20	1	
			47X-3, 2–4	437.92	M	A			3	1	
			47X-3, 40–42	438.30	M	A			34	1	
			47X-3, 59–61	438.49	M	A			9		
			47X-3, 78–80	438.68	M	A			7	3	
			47X-3, 120–140	439.10	M	A			22	2	
			47X-4, 2–4	439.42	M	A			11		
			47X-4, 40–42	439.80	M	A			19	1	
Oligocene	late	CP19	47X-4, 68–70	440.08	M	A			13		
			47X-4, 80–82	440.20	M	A			19		
			47X-4, 120–122	440.60	M	A			3	1	
			47X-4, 140–142	440.80	M	A			5	1	
			47X-5, 2–4	440.92	M	A			11		
			47X-5, 40–42	441.30	M	A			20	1	
			47X-5, 60–62	441.50	M	A			6		
			47X-5, 80–82	441.70	M	A			11		
			47X-5, 120–122	442.10	M	A			12	1	
			47X-5, 140–142	442.30	M	A			10	1	
			47X-6, 2–4	442.42	M	A			16		
			47X-6, 40–42	442.80	M	A			6		
			47X-6, 60–62	443.00	M	A			6	1	
			47X-6, 80–82	443.20	M	A			10		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Braarudosphaera bigelowii*	*Calcidiscus fuscus*	*Calcidiscus kingii*	*Calcidiscus leptoporus*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Camuralithus pelliculatus*	*Clausicoccus fenestratus*	*Clausicoccus obrutus*	*Coccolithus miopelagicus*
			47X-6, 120–122	443.60	M	A		1								
			47X-6, 140–142	443.80	M	A										
			47X-CC, 2–4	443.86	M	A	1									
			47X-CC, 35–37	444.19	M	A										
			48X-1, 2–4	444.52	M	A		1					1		4	
			48X-1, 38–40	444.88	M	A		5								
			48X-1, 78–80	445.28	M	A		2								
			48X-1, 120–122	445.70	M	A	1	2			1					
			48X-1, 140–142	445.90	M	A		7								
			48X-2, 2–4	446.02	M	A		2			1					
			48X-2, 38–40	446.38	M	A		2			1					
			48X-2, 58–60	446.58	M	A										
			48X-2, 80–82	446.80	M	A									1	
			48X-2, 118–120	447.18	M	A		3							5	
			48X-2, 138–140	447.38	M	A									12	
			48X-3, 2–4	447.52	M	A		6								
			48X-3, 58–60	448.08	M	A										
			48X-3, 78–80	448.28	M	A		1							2	
			48X-3, 118–120	448.68	P	A		2							1	
			48X-3, 138–140	448.88	M	A									3	
Oligocene	late	CP19	48X-4, 2–4	449.02	M	A								1		
			48X-4, 38–40	449.38	M	A									2	
			48X-4, 58–60	449.58	M	A		2							7	
			48X-4, 78–80	449.78	M	A		1							5	
			48X-4, 118–120	450.18	M	A		7							8	
			48X-4, 138–140	450.38	M	A									4	
			48X-5, 2–4	450.52	M	A								1	10	1
			48X-5, 38–40	450.88	M	A		2							4	
			48X-5, 58–60	451.08	M	A									5	
			48X-5, 78–80	451.28	M	A		4							10	
			48X-5, 120–122	451.70	M	A		1							4	
			48X-5, 140–142	451.90	M	A		3							16	
			48X-6, 2–4	452.02	M	A									6	
			48X-6, 20–22	452.20	M	A		3							6	
			48X-6, 40–42	452.40	M	A									13	
			48X-6, 60–62	452.60	M	A		1							6	
			48X-6, 80–82	452.80	M	A		4							7	
			48X-6, 100–102	453.00	M	A									4	
			48X-6, 120–122	453.20	M	A		6							5	
			48X-6, 140–142	453.40	M	A		1							4	
			48X-7, 0–02	453.50	M	A		1						1		
			48X-7, 20–22	453.70	M	A			1						10	
			48X-7, 60–62	453.82	M	A					1				2	
			48X-CC, 5–07	453.89	M	A		2							4	
			48X-CC, 25–27	454.09	M	A									5	
			49X-1, 2–4	454.12	M	A		1							2	
			49X-1, 38–40	454.48	M	A					1				4	
			49X-1, 58–60	454.68	M	A									7	
			49X-1, 80–82	454.90	M	A		1			4				16	
			49X-1, 120–122	455.30	M	A									9	
			49X-1, 140–142	455.50	M	A		2			3				3	
			49X-2, 2–4	455.62	M	A					1				2	
			49X-2, 40–42	456.00	M	A									3	
			49X-2, 60–62	456.20	M	A		1							4	
			49X-2, 78–80	456.38	M	A		2							5	
			49X-2, 120–122	456.80	M	A					2				7	
			49X-2, 140–142	457.00	M	A					1				7	
			49X-3, 2–4	457.12	M	A		1							1	
			49X-3, 38–40	457.48	M	A					1				2	

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Coccolithus pelagicus*	*Coccolithus pelagicus* >12 µm	*Coronocyclus* aff. *prionion*	*Coronocyclus nitescens*	*Cyclicargolithus abisectus*	*Cyclicargolithus abisectus* <10 µm	*Cyclicargolithus floridanus*	*Discoaster deflandrei*	*Discoaster* spp. (5 ray)	*Discoaster* spp. (6 ray)
			47X-6, 120–122	443.60	M	A	13					4	136			
			47X-6, 140–142	443.80	M	A	10			1			75	1		
			47X-CC, 2–4	443.86	M	A	17	1					132			
			47X-CC, 35–37	444.19	M	A	34			1			132			
			48X-1, 2–4	444.52	M	A	12						67			
			48X-1, 38–40	444.88	M	A	17	1				1	95	2		
			48X-1, 78–80	445.28	M	A	10					9	86			
			48X-1, 120–122	445.70	M	A	15						82			
			48X-1, 140–142	445.90	M	A	11					1	72	1		
			48X-2, 2–4	446.02	M	A	7			1			119	1		
			48X-2, 38–40	446.38	M	A	18			1			69			
			48X-2, 58–60	446.58	M	A	25			1			106			1
			48X-2, 80–82	446.80	M	A	22						94	1		1
			48X-2, 118–120	447.18	M	A	29	1				1	83			
			48X-2, 138–140	447.38	M	A		2					71			
			48X-3, 2–4	447.52	M	A	17						31			
			48X-3, 58–60	448.08	M	A	1						35			
			48X-3, 78–80	448.28	M	A	7	3					55	1		1
			48X-3, 118–120	448.68	P	A		2				1	151			
			48X-3, 138–140	448.88	M	A	2	2					98	1		
Oligocene	late	CP19	48X-4, 2–4	449.02	M	A	11	1		2			76	2		
			48X-4, 38–40	449.38	M	A		2					111	2		
			48X-4, 58–60	449.58	M	A	3	2		1			82	2		
			48X-4, 78–80	449.78	M	A	7	1					103			
			48X-4, 118–120	450.18	M	A	2	3		1			58			1
			48X-4, 138–140	450.38	M	A	10	1		1			83			
			48X-5, 2–4	450.52	M	A	6	1		1			62	1		
			48X-5, 38–40	450.88	M	A	4	7					109	3		
			48X-5, 58–60	451.08	M	A	6	2					104			
			48X-5, 78–80	451.28	M	A	2	2		1			81	2		
			48X-5, 120–122	451.70	M	A	6	2					58			
			48X-5, 140–142	451.90	M	A	7	4					120	4		
			48X-6, 2–4	452.02	M	A	2	2		1			93	1		
			48X-6, 20–22	452.20	M	A	5	3					134			
			48X-6, 40–42	452.40	M	A	2	1					65			
			48X-6, 60–62	452.60	M	A	2	1		1			58			1
			48X-6, 80–82	452.80	M	A	8	2					75	2		
			48X-6, 100–102	453.00	M	A	5						86	1		
			48X-6, 120–122	453.20	M	A				1			72			
			48X-6, 140–142	453.40	M	A	3	1					99	1		
			48X-7, 0–02	453.50	M	A	2	4					134	3		
			48X-7, 20–22	453.70	M	A	6	4		2			139	4	1	
			48X-7, 60–62	453.82	M	A	8	1		2			91			
			48X-CC, 5–07	453.89	M	A	4	4		1			104	1		
			48X-CC, 25–27	454.09	M	A	4	2					99	1		
			49X-1, 2–4	454.12	M	A	8	1		1			79	1		
			49X-1, 38–40	454.48	M	A	6	1		2			62	1		
			49X-1, 58–60	454.68	M	A	9	1		1			63	2		
			49X-1, 80–82	454.90	M	A	13	1					65	1		
			49X-1, 120–122	455.30	M	A	9	2		2			84	1		
			49X-1, 140–142	455.50	M	A	2						43	2		
			49X-2, 2–4	455.62	M	A	9	1				1	57	1		
			49X-2, 40–42	456.00	M	A	3			1			41	1		
			49X-2, 60–62	456.20	M	A	6	1				2	91			
			49X-2, 78–80	456.38	M	A	1	1					78			
			49X-2, 120–122	456.80	M	A		1					31			
			49X-2, 140–142	457.00	M	A	5						54	1		
			49X-3, 2–4	457.12	M	A	9	1		1		1	36			
			49X-3, 38–40	457.48	M	A	3					1	63			

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Helicosphaera bramlettei*	*Helicosphaera compacta*	*Helicosphaera elongata*	*Helicosphaera euphratis*	*Helicosphaera obliqua*	*Helicosphaera orientalis*	*Helicosphaera paleocarteri*	*Helicosphaera perch-nielsenae*	*Helicosphaera recta*	*Helicosphaera wilcoxonii*
			47X-6, 120–122	443.60	M	A	2									
			47X-6, 140–142	443.80	M	A	1			5						
			47X-CC, 2–4	443.86	M	A				2	1					
			47X-CC, 35–37	444.19	M	A				3	2					
			48X-1, 2–4	444.52	M	A	1			2						
			48X-1, 38–40	444.88	M	A				5						
			48X-1, 78–80	445.28	M	A				4						
			48X-1, 120–122	445.70	M	A	1			1						
			48X-1, 140–142	445.90	M	A				1	1					
			48X-2, 2–4	446.02	M	A				2			1			
			48X-2, 38–40	446.38	M	A	1			2	1					
			48X-2, 58–60	446.58	M	A				5						
			48X-2, 80–82	446.80	M	A	1			6						
			48X-2, 118–120	447.18	M	A				2						
			48X-2, 138–140	447.38	M	A		1		2						
			48X-3, 2–4	447.52	M	A				1						
			48X-3, 58–60	448.08	M	A	1			2	2					
			48X-3, 78–80	448.28	M	A				1	4					
			48X-3, 118–120	448.68	P	A										
			48X-3, 138–140	448.88	M	A				3						
Oligocene	late	CP19	48X-4, 2–4	449.02	M	A				2	1					
			48X-4, 38–40	449.38	M	A				1	1					
			48X-4, 58–60	449.58	M	A				2	4					
			48X-4, 78–80	449.78	M	A	1				1					
			48X-4, 118–120	450.18	M	A	1			3						
			48X-4, 138–140	450.38	M	A	1			2	2					
			48X-5, 2–4	450.52	M	A	1			1	1					
			48X-5, 38–40	450.88	M	A				1						
			48X-5, 58–60	451.08	M	A				3						
			48X-5, 78–80	451.28	M	A	1			3	1					
			48X-5, 120–122	451.70	M	A	1			1	1					
			48X-5, 140–142	451.90	M	A				3	1					
			48X-6, 2–4	452.02	M	A	1			2	2					
			48X-6, 20–22	452.20	M	A				1	1					
			48X-6, 40–42	452.40	M	A	1			1	1					
			48X-6, 60–62	452.60	M	A				1						
			48X-6, 80–82	452.80	M	A	1			3	1					
			48X-6, 100–102	453.00	M	A				7	1					
			48X-6, 120–122	453.20	M	A	2			4						
			48X-6, 140–142	453.40	M	A					6					
			48X-7, 0–02	453.50	M	A	1									
			48X-7, 20–22	453.70	M	A	1			1						
			48X-7, 60–62	453.82	M	A				1	1					
			48X-CC, 5–07	453.89	M	A					1					
			48X-CC, 25–27	454.09	M	A	1			4						
			49X-1, 2–4	454.12	M	A				3						
			49X-1, 38–40	454.48	M	A				3	2					
			49X-1, 58–60	454.68	M	A	1			2						
			49X-1, 80–82	454.90	M	A				4	2					
			49X-1, 120–122	455.30	M	A					2					
			49X-1, 140–142	455.50	M	A	1			1						
			49X-2, 2–4	455.62	M	A				3						
			49X-2, 40–42	456.00	M	A				3	2					
			49X-2, 60–62	456.20	M	A	1			2	2					
			49X-2, 78–80	456.38	M	A										
			49X-2, 120–122	456.80	M	A				4	1					
			49X-2, 140–142	457.00	M	A				3	2					
			49X-3, 2–4	457.12	M	A				3	2					
			49X-3, 38–40	457.48	M	A				3	1					

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Hughesius gizoensis*	*Hughesius tasmaniae*	*Ilselithina fusa*	*Pontosphaera anisotrema*	*Pontosphaera multipora*	*Pontosphaera* spp.	*Pyrocyclus hermosus*	*Pyrocyclus orangensis*	*Reticulofenestra bisecta bisecta*	*Reticulofenestra bisecta filewiczii*
			47X-6, 120–122	443.60	M	A				1	3			2		
			47X-6, 140–142	443.80	M	A				1	1				1	
			47X-CC, 2–4	443.86	M	A				1	1			1	1	
			47X-CC, 35–37	444.19	M	A					2			4	4	
			48X-1, 2–4	444.52	M	A				1						
			48X-1, 38–40	444.88	M	A				1	4			2		
			48X-1, 78–80	445.28	M	A				1	1			3	3	
			48X-1, 120–122	445.70	M	A				1	3			4	4	
			48X-1, 140–142	445.90	M	A				2	5			2	1	
			48X-2, 2–4	446.02	M	A			1	1	3			3	2	
			48X-2, 38–40	446.38	M	A				1	1					
			48X-2, 58–60	446.58	M	A			1	2	3			1	2	
			48X-2, 80–82	446.80	M	A		2		8	3			4		
			48X-2, 118–120	447.18	M	A			5		1			1		
			48X-2, 138–140	447.38	M	A			2	1	1					
			48X-3, 2–4	447.52	M	A				1						
			48X-3, 58–60	448.08	M	A				1	2				1	
			48X-3, 78–80	448.28	M	A	2			1	1			1	2	
			48X-3, 118–120	448.68	P	A									1	
			48X-3, 138–140	448.88	M	A				1						
Oligocene	late	CP19	48X-4, 2–4	449.02	M	A		2		1	2			1		
			48X-4, 38–40	449.38	M	A		6		1	1			3	1	
			48X-4, 58–60	449.58	M	A				1	2			4		1
			48X-4, 78–80	449.78	M	A					2			4		
			48X-4, 118–120	450.18	M	A				1	2				1	
			48X-4, 138–140	450.38	M	A				5	8					
			48X-5, 2–4	450.52	M	A				2	3				1	
			48X-5, 38–40	450.88	M	A					1			1		
			48X-5, 58–60	451.08	M	A				1	2					
			48X-5, 78–80	451.28	M	A				2	2			3	1	
			48X-5, 120–122	451.70	M	A						1				
			48X-5, 140–142	451.90	M	A	2							1	2	
			48X-6, 2–4	452.02	M	A				1	2				1	
			48X-6, 20–22	452.20	M	A								5	1	
			48X-6, 40–42	452.40	M	A				1				2		1
			48X-6, 60–62	452.60	M	A				1	1				2	
			48X-6, 80–82	452.80	M	A			1	2	1			1	1	
			48X-6, 100–102	453.00	M	A									1	
			48X-6, 120–122	453.20	M	A					1					
			48X-6, 140–142	453.40	M	A				2					2	
			48X-7, 0–02	453.50	M	A			2					4		
			48X-7, 20–22	453.70	M	A			2		1					
			48X-7, 60–62	453.82	M	A				2	1				1	
			48X-CC, 5–07	453.89	M	A			3		1			1		
			48X-CC, 25–27	454.09	M	A			1		1			1	1	
			49X-1, 2–4	454.12	M	A				1	2				1	
			49X-1, 38–40	454.48	M	A				3	4				1	
			49X-1, 58–60	454.68	M	A				3	2				1	
			49X-1, 80–82	454.90	M	A				1	1				1	
			49X-1, 120–122	455.30	M	A				1	1					
			49X-1, 140–142	455.50	M	A				1					2	
			49X-2, 2–4	455.62	M	A									1	
			49X-2, 40–42	456.00	M	A					2					
			49X-2, 60–62	456.20	M	A				1	2			2		
			49X-2, 78–80	456.38	M	A					1			1		
			49X-2, 120–122	456.80	M	A				1	2			2	1	
			49X-2, 140–142	457.00	M	A				1	2					
			49X-3, 2–4	457.12	M	A				1	4			1		
			49X-3, 38–40	457.48	M	A				1	1			1		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Reticulofenestra coenura*	*Reticulofenestra hampdenensis*	*Reticulofenestra haqii*	*Reticulofenestra lockeri*	*Reticulofenestra minuta*	*Reticulofenestra minutula*	*Reticulofenestra stavensis*	*Rhabdosphaera gladius*	*Rhabdosphaera procera*	*Sphenolithus calyculus*
			47X-6, 120–122	443.60	M	A			7	1	10	131				
			47X-6, 140–142	443.80	M	A	1		9		66	123			1	
			47X-CC, 2–4	443.86	M	A			33	3	15	133	1		1	
			47X-CC, 35–37	444.19	M	A			62	3	6	143				
			48X-1, 2–4	444.52	M	A			19		28	159				
			48X-1, 38–40	444.88	M	A	1		60	1	24	100				
			48X-1, 78–80	445.28	M	A	1		4	1	83	120				
			48X-1, 120–122	445.70	M	A	2		107	1	24	81	5			
			48X-1, 140–142	445.90	M	A	1		10		43	134			1	
			48X-2, 2–4	446.02	M	A	1		27	2	49	72	1			
			48X-2, 38–40	446.38	M	A	1		30	1	62	56			1	
			48X-2, 58–60	446.58	M	A	1		6		49	162				
			48X-2, 80–82	446.80	M	A			100	2	27	127			1	
			48X-2, 118–120	447.18	M	A			19		44	135	1			
			48X-2, 138–140	447.38	M	A	1		105	2	40	42				
			48X-3, 2–4	447.52	M	A	1		3		114	102				
			48X-3, 58–60	448.08	M	A			20		79	137				
			48X-3, 78–80	448.28	M	A			8		39	169				
			48X-3, 118–120	448.68	P	A	1		2	2	10	145				
			48X-3, 138–140	448.88	M	A			40		50	160				
Oligocene	late	CP19	48X-4, 2–4	449.02	M	A			26	1	72	79				
			48X-4, 38–40	449.38	M	A			21	1	45	123			1	
			48X-4, 58–60	449.58	M	A			47	2	85	125			2	
			48X-4, 78–80	449.78	M	A			33	1	61	83			2	
			48X-4, 118–120	450.18	M	A			25	1	75	105			1	
			48X-4, 138–140	450.38	M	A			37	2	100	105			1	
			48X-5, 2–4	450.52	M	A			23	2	94	68				
			48X-5, 38–40	450.88	M	A			21	2	62	84				
			48X-5, 58–60	451.08	M	A			22		80	53			1	
			48X-5, 78–80	451.28	M	A	1		21	2	78	105	1		1	
			48X-5, 120–122	451.70	M	A	1		21	2	106	74				
			48X-5, 140–142	451.90	M	A			22	1	76	97				
			48X-6, 2–4	452.02	M	A	2		21	2	102	70				
			48X-6, 20–22	452.20	M	A			4	2	91	45				
			48X-6, 40–42	452.40	M	A	1		55	1	73	58				
			48X-6, 60–62	452.60	M	A			5	1	148	50			1	
			48X-6, 80–82	452.80	M	A			7	1	68	111	1		1	
			48X-6, 100–102	453.00	M	A			4		99	62			1	
			48X-6, 120–122	453.20	M	A	1		1	1	129	79			1	
			48X-6, 140–142	453.40	M	A			6		57	113				
			48X-7, 0–02	453.50	M	A	1		14		66	75	1			
			48X-7, 20–22	453.70	M	A			5	1	39	98				
			48X-7, 60–62	453.82	M	A			19	1	74	78	1			
			48X-CC, 5–07	453.89	M	A	1		6		82	81				
			48X-CC, 25–27	454.09	M	A			3	2	54	100	1			
			49X-1, 2–4	454.12	M	A			10	1	55	130	1		1	
			49X-1, 38–40	454.48	M	A			4	1	56	155	1		3	
			49X-1, 58–60	454.68	M	A	1		6	1	49	198			2	
			49X-1, 80–82	454.90	M	A			2		67	99	1		1	
			49X-1, 120–122	455.30	M	A			1		89	103				
			49X-1, 140–142	455.50	M	A			2	2	91	105			1	
			49X-2, 2–4	455.62	M	A	2		4	1	84	119			1	
			49X-2, 40–42	456.00	M	A	2		3	1	98	111			1	
			49X-2, 60–62	456.20	M	A	1		19		65	114	1			
			49X-2, 78–80	456.38	M	A	1		20	2	45	121	1		1	
			49X-2, 120–122	456.80	M	A			25	1	70	129	1			
			49X-2, 140–142	457.00	M	A			11	2	43	126	1			
			49X-3, 2–4	457.12	M	A			6	1	67	131	1		1	
			49X-3, 38–40	457.48	M	A	1		25	1	62	123				

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Sphenolithus capricornutus*	*Sphenolithus compactus*	*Sphenolithus conicus*	*Sphenolithus delphix*	*Sphenolithus dissimilis*	*Sphenolithus moriformis*	*Sphenolithus moriformis* <6 µm	*Sphenolithus* spp.	*Tetralithoides sygmeonidesii*	*Triquetrorhabdulus carinatus*
			47X-6, 120–122	443.60	M	A		3				7				
			47X-6, 140–142	443.80	M	A						6				
			47X-CC, 2–4	443.86	M	A						6				
			47X-CC, 35–37	444.19	M	A		1				7				
			48X-1, 2–4	444.52	M	A						1				
			48X-1, 38–40	444.88	M	A		1		1		7				
			48X-1, 78–80	445.28	M	A						5				
			48X-1, 120–122	445.70	M	A						7	3			
			48X-1, 140–142	445.90	M	A		1				3				
			48X-2, 2–4	446.02	M	A		3				5				
			48X-2, 38–40	446.38	M	A		3				12				
			48X-2, 58–60	446.58	M	A		2			1	3	1			
			48X-2, 80–82	446.80	M	A						5				
			48X-2, 118–120	447.18	M	A						3	1			
			48X-2, 138–140	447.38	M	A						10				
			48X-3, 2–4	447.52	M	A						4				
			48X-3, 58–60	448.08	M	A						8	1			
			48X-3, 78–80	448.28	M	A						4	1			
			48X-3, 118–120	448.68	P	A		2				5	1	1		
			48X-3, 138–140	448.88	M	A	2	1		2		5	1			
Oligocene	late	CP19	48X-4, 2–4	449.02	M	A	4					10				1
			48X-4, 38–40	449.38	M	A						7				
			48X-4, 58–60	449.58	M	A						8				
			48X-4, 78–80	449.78	M	A						7				
			48X-4, 118–120	450.18	M	A	1					4	2			
			48X-4, 138–140	450.38	M	A						7				
			48X-5, 2–4	450.52	M	A						4				
			48X-5, 38–40	450.88	M	A		2				9	4			
			48X-5, 58–60	451.08	M	A						5	1			1
			48X-5, 78–80	451.28	M	A						6	1			
			48X-5, 120–122	451.70	M	A						9	2			
			48X-5, 140–142	451.90	M	A						18				
			48X-6, 2–4	452.02	M	A						8				1
			48X-6, 20–22	452.20	M	A							1			1
			48X-6, 40–42	452.40	M	A						7	1			
			48X-6, 60–62	452.60	M	A						4	1			
			48X-6, 80–82	452.80	M	A						6				
			48X-6, 100–102	453.00	M	A						7				
			48X-6, 120–122	453.20	M	A	1					5				
			48X-6, 140–142	453.40	M	A						7	1			
			48X-7, 0–02	453.50	M	A		2				2	2			
			48X-7, 20–22	453.70	M	A		2				8	5			
			48X-7, 60–62	453.82	M	A						13	6			
			48X-CC, 5–07	453.89	M	A						2	2			
			48X-CC, 25–27	454.09	M	A						10	1			
			49X-1, 2–4	454.12	M	A						3				
			49X-1, 38–40	454.48	M	A						4	1			
			49X-1, 58–60	454.68	M	A		2				4	2			1
			49X-1, 80–82	454.90	M	A						7				
			49X-1, 120–122	455.30	M	A		3				4				2
			49X-1, 140–142	455.50	M	A		1				3	2			
			49X-2, 2–4	455.62	M	A						12				
			49X-2, 40–42	456.00	M	A						4				
			49X-2, 60–62	456.20	M	A						6				
			49X-2, 78–80	456.38	M	A		2				4	4			
			49X-2, 120–122	456.80	M	A						5	6			
			49X-2, 140–142	457.00	M	A						4	3			
			49X-3, 2–4	457.12	M	A						2	1			
			49X-3, 38–40	457.48	M	A						9	5			

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Triquetrorhabdulus challengeri*	*Triquetrorhabdulus milowii*	*Umbilicosphaera jafari*	*Umbilicosphaera* spp.	*Zygrhablithus bijugatus*
			47X-6, 120–122	443.60	M	A	2				
			47X-6, 140–142	443.80	M	A			26		
			47X-CC, 2–4	443.86	M	A			6		
			47X-CC, 35–37	444.19	M	A			1		
			48X-1, 2–4	444.52	M	A			15		
			48X-1, 38–40	444.88	M	A			18	1	
			48X-1, 78–80	445.28	M	A			8	2	
			48X-1, 120–122	445.70	M	A			11		
			48X-1, 140–142	445.90	M	A			35	1	
			48X-2, 2–4	446.02	M	A			18		
			48X-2, 38–40	446.38	M	A			51	3	
			48X-2, 58–60	446.58	M	A			10		
			48X-2, 80–82	446.80	M	A			30		
			48X-2, 118–120	447.18	M	A			5	2	
			48X-2, 138–140	447.38	M	A			17		
			48X-3, 2–4	447.52	M	A			34	3	
			48X-3, 58–60	448.08	M	A			37	5	
			48X-3, 78–80	448.28	M	A			7		
			48X-3, 118–120	448.68	P	A			1		
			48X-3, 138–140	448.88	M	A			15		
Oligocene	late	CP19	48X-4, 2–4	449.02	M	A			52		
			48X-4, 38–40	449.38	M	A			15		
			48X-4, 58–60	449.58	M	A		1	29		
			48X-4, 78–80	449.78	M	A			19	1	
			48X-4, 118–120	450.18	M	A			49	1	
			48X-4, 138–140	450.38	M	A			49	5	
			48X-5, 2–4	450.52	M	A			26		
			48X-5, 38–40	450.88	M	A			21		
			48X-5, 58–60	451.08	M	A			25		
			48X-5, 78–80	451.28	M	A			32		
			48X-5, 120–122	451.70	M	A			18		
			48X-5, 140–142	451.90	M	A					
			48X-6, 2–4	452.02	M	A			11		
			48X-6, 20–22	452.20	M	A			9	1	
			48X-6, 40–42	452.40	M	A			24	4	
			48X-6, 60–62	452.60	M	A			43		
			48X-6, 80–82	452.80	M	A			28		
			48X-6, 100–102	453.00	M	A			29		
			48X-6, 120–122	453.20	M	A			14		
			48X-6, 140–142	453.40	M	A			28		
			48X-7, 0–02	453.50	M	A			8		
			48X-7, 20–22	453.70	M	A			6		
			48X-7, 60–62	453.82	M	A			21	1	
			48X-CC, 5–07	453.89	M	A			14		
			48X-CC, 25–27	454.09	M	A			22		
			49X-1, 2–4	454.12	M	A			25	2	
			49X-1, 38–40	454.48	M	A			35		
			49X-1, 58–60	454.68	M	A			46		
			49X-1, 80–82	454.90	M	A			20		
			49X-1, 120–122	455.30	M	A			22		
			49X-1, 140–142	455.50	M	A			47	1	
			49X-2, 2–4	455.62	M	A			54	1	
			49X-2, 40–42	456.00	M	A			37	1	
			49X-2, 60–62	456.20	M	A			20	1	
			49X-2, 78–80	456.38	M	A			14		
			49X-2, 120–122	456.80	M	A			15	1	
			49X-2, 140–142	457.00	M	A			59	3	
			49X-3, 2–4	457.12	M	A			53	1	
			49X-3, 38–40	457.48	M	A			26		

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Braarudosphaera bigelowii*	*Calcidiscus fuscus*	*Calcidiscus kingii*	*Calcidiscus leptoporus*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Camuralithus pelliculatus*	*Clausicoccus fenestratus*	*Clausicoccus obrutus*	*Coccolithus miopelagicus*
			49X-3, 58–60	457.68	M	A		4			1				6	
			49X-3, 78–80	457.88	M	A									2	
			49X-3, 120–122	458.30	M	A									1	
			49X-3, 140–142	458.50	M	A									1	
			49X-4, 2–4	458.62	M	A		1								
			49X-4, 40–42	459.00	M	A		1							2	
			49X-4, 60–62	459.20	M	A									2	
			49X-4, 80–82	459.40	M	A									2	
			49X-4, 120–122	459.80	M	A									3	
			49X-4, 140–142	460.00	M	A		1							4	
			49X-5, 2–4	460.12	M	A					1				6	
			49X-5, 40–42	460.50	M	A					1				4	
			49X-5, 60–62	460.70	M	A		1							3	
			49X-5, 80–82	460.90	M	A									2	
			49X-5, 120–122	461.30	M	A		4			2				2	
			49X-5, 140–142	461.50	M	A		1			1					
			49X-6, 2–4	461.62	M	A			1		1				3	
			49X-6, 40–42	462.00	M	A					1				2	
			49X-6, 60–62	462.20	M	A		2							2	
			49X-6, 80–82	462.40	M	A					2				2	
			49X-7, 2–4	462.62	M	A					1				2	
			49X-7, 40–42	463.00	M	A		2								1
			49X-CC, 2–4	463.30	M	A		3							1	
			49X-CC, 40–42	463.68	M	A					1					
Oligocene	late	CP19	50X-1, 2–4	463.72	M	A					1					
			50X-1, 40–42	464.10	M	A									7	
			50X-1, 60–62	464.30	M	A					2				6	
			50X-1, 80–82	464.50	M	A					2				4	
			50X-1, 120–122	464.90	M	A		1							4	
			50X-1, 140–142	465.10	M	A		1								
			50X-2, 2–4	465.22	M	A									7	
			50X-2, 40–42	465.60	M	A					1				7	
			50X-2, 60–62	465.80	P	A									4	
			50X-2, 80–82	466.00	M	A					1				7	
			50X-2, 120–122	466.40	M	A		1							13	
			50X-2, 140–142	466.60	M	A					1				24	
			50X-3, 2–4	466.72	M	A		1			3				12	
			50X-3, 40–42	467.10	M	A					1				19	
			50X-3, 78–80	467.48	P	A									4	
			50X-3, 120–140	467.90	P	A		1							3	
			50X-4, 2–4	468.22	M	A									12	
			50X-4, 40–42	468.60	P	A										
			50X-4, 60–62	468.80	M	A		1							14	
			50X-4, 80–82	469.00	P	A									6	
			50X-4, 120–122	469.40	M	A		3			1				12	
			50X-4, 140–142	469.60	M	A		2							11	
			50X-5, 2–4	469.72	M	A		1							7	
			50X-5, 38–40	470.08	M	A		2							2	
			50X-5, 60–62	470.29	P	A					1				12	
			50X-5, 80–82	470.50	M	A		3							1	
			50X-5, 120–122	470.90	P	A										
			50X-5, 140–142	471.10	P	A									3	
			50X-6, 2–4	471.22	M	A									3	
			50X-6, 40–42	471.60	M	A									11	
			50X-6, 58–60	471.78	M	A									2	
			50X-6, 80–82	472.00	M	A		2							9	
			50X-CC, 40–42	472.67	M	A		1							8	

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Coccolithus pelagicus*	*Coccolithus pelagicus* >12 µm	*Coronocyclus* aff. *prionion*	*Coronocyclus nitescens*	*Cyclicargolithus abisectus*	*Cyclicargolithus abisectus* <10 µm	*Cyclicargolithus floridanus*	*Discoaster deflandrei*	*Discoaster* spp. (5 ray)	*Discoaster* spp. (6 ray)
			49X-3, 58–60	457.68	M	A	2	1					80	2		
			49X-3, 78–80	457.88	M	A	1	1		1		2	104	1		
			49X-3, 120–122	458.30	M	A	2	1		1		2	78	2		
			49X-3, 140–142	458.50	M	A	5	1		1		2	87			2
			49X-4, 2–4	458.62	M	A	8			1		1	113	1		
			49X-4, 40–42	459.00	M	A	7	1				4	126	1		
			49X-4, 60–62	459.20	M	A	3					5	138	1		
			49X-4, 80–82	459.40	M	A	5					4	138	1		
			49X-4, 120–122	459.80	M	A	8	2					101			
			49X-4, 140–142	460.00	M	A	16					1	62	1	1	
			49X-5, 2–4	460.12	M	A	7	1					71	4		
			49X-5, 40–42	460.50	M	A	7	2		1		1	86	1		1
			49X-5, 60–62	460.70	M	A	13	2		1			67			
			49X-5, 80–82	460.90	M	A	8						105	2		2
			49X-5, 120–122	461.30	M	A		1		1			63	7		1
			49X-5, 140–142	461.50	M	A	10	2					100	6		
			49X-6, 2–4	461.62	M	A	5	1		1			43			
			49X-6, 40–42	462.00	M	A	12	1					69	1		
			49X-6, 60–62	462.20	M	A	3	1		2			59	1		
			49X-6, 80–82	462.40	M	A	9						63			2
			49X-7, 2–4	462.62	M	A	7	1					88			3
			49X-7, 40–42	463.00	M	A	6	1		1			91			
			49X-CC, 2–4	463.30	M	A	4			1			86	1		
			49X-CC, 40–42	463.68	M	A	4						56			
Oligocene	late	CP19	50X-1, 2–4	463.72	M	A	4			1			66			
			50X-1, 40–42	464.10	M	A	12					1	77	1		
			50X-1, 60–62	464.30	M	A	4	1					67			
			50X-1, 80–82	464.50	M	A	8	1				2	116			
			50X-1, 120–122	464.90	M	A	10	2		1		2	51	2		
			50X-1, 140–142	465.10	M	A	11	2				1	75	1		
			50X-2, 2–4	465.22	M	A	8	2		1		4	79	1		
			50X-2, 40–42	465.60	M	A	3			3		7	35			
			50X-2, 60–62	465.80	P	A	17					4	67			
			50X-2, 80–82	466.00	M	A	4	2		1		7	35			2
			50X-2, 120–122	466.40	M	A	13	2		1		1	94			
			50X-2, 140–142	466.60	M	A	9	1				1	144	3		
			50X-3, 2–4	466.72	M	A	12	3		1			168	2		1
			50X-3, 40–42	467.10	M	A	6	1		1		1	62	1		
			50X-3, 78–80	467.48	P	A	19	1				3	212			
			50X-3, 120–140	467.90	P	A	6	1				3	253			
			50X-4, 2–4	468.22	M	A	1	1				2	195	3		
			50X-4, 40–42	468.60	P	A	1					1	175			4
			50X-4, 60–62	468.80	M	A	9	1					188	3		
			50X-4, 80–82	469.00	P	A	4					7	148			1
			50X-4, 120–122	469.40	M	A	6	2		1		7	227	1		
			50X-4, 140–142	469.60	M	A	12	3				3	220	1		
			50X-5, 2–4	469.72	M	A	4	2					180			1
			50X-5, 38–40	470.08	M	A	14	1				3	226	1		
			50X-5, 60–62	470.29	P	A	5	3					216			2
			50X-5, 80–82	470.50	M	A	9	2				2	202	7		
			50X-5, 120–122	470.90	P	A	3	1					251			
			50X-5, 140–142	471.10	P	A	9	1				2	256			
			50X-6, 2–4	471.22	M	A	9	4		1			258	1		
			50X-6, 40–42	471.60	M	A	12	1					216	1		
			50X-6, 58–60	471.78	M	A	5					2	255			
			50X-6, 80–82	472.00	M	A	13					1	224			
			50X-CC, 40–42	472.67	M	A	11						168			

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Helicosphaera bramlettei*	*Helicosphaera compacta*	*Helicosphaera elongata*	*Helicosphaera euphratis*	*Helicosphaera obliqua*	*Helicosphaera orientalis*	*Helicosphaera paleocarteri*	*Helicosphaera perch-nielsenae*	*Helicosphaera recta*	*Helicosphaera wilcoxonii*
			49X-3, 58–60	457.68	M	A	1			2						
			49X-3, 78–80	457.88	M	A				1	2					
			49X-3, 120–122	458.30	M	A				2	3					
			49X-3, 140–142	458.50	M	A	2				1					
			49X-4, 2–4	458.62	M	A	1			1	1					
			49X-4, 40–42	459.00	M	A				1						
			49X-4, 60–62	459.20	M	A				2						
			49X-4, 80–82	459.40	M	A				1						
			49X-4, 120–122	459.80	M	A					1					
			49X-4, 140–142	460.00	M	A	1				1					
			49X-5, 2–4	460.12	M	A	1			1						
			49X-5, 40–42	460.50	M	A				1	4					
			49X-5, 60–62	460.70	M	A				2	6					
			49X-5, 80–82	460.90	M	A					2					
			49X-5, 120–122	461.30	M	A				2	2					
			49X-5, 140–142	461.50	M	A	1				3					
			49X-6, 2–4	461.62	M	A				2	8					
			49X-6, 40–42	462.00	M	A	1			1	2					
			49X-6, 60–62	462.20	M	A					1					
			49X-6, 80–82	462.40	M	A				2	2					
			49X-7, 2–4	462.62	M	A										
			49X-7, 40–42	463.00	M	A				1						
			49X-CC, 2–4	463.30	M	A					1					
			49X-CC, 40–42	463.68	M	A				1	4					
Oligocene	late	CP19	50X-1, 2–4	463.72	M	A				3	2					
			50X-1, 40–42	464.10	M	A				7	3					
			50X-1, 60–62	464.30	M	A				1	2					
			50X-1, 80–82	464.50	M	A				1	2					
			50X-1, 120–122	464.90	M	A				2	3					
			50X-1, 140–142	465.10	M	A				1	1					
			50X-2, 2–4	465.22	M	A				1	2					
			50X-2, 40–42	465.60	M	A										
			50X-2, 60–62	465.80	P	A				1	2					
			50X-2, 80–82	466.00	M	A					6					
			50X-2, 120–122	466.40	M	A				1	2					
			50X-2, 140–142	466.60	M	A		1		1	1					
			50X-3, 2–4	466.72	M	A				1	2					
			50X-3, 40–42	467.10	M	A				3	5					
			50X-3, 78–80	467.48	P	A										
			50X-3, 120–140	467.90	P	A										
			50X-4, 2–4	468.22	M	A				1	1					
			50X-4, 40–42	468.60	P	A					1					
			50X-4, 60–62	468.80	M	A										
			50X-4, 80–82	469.00	P	A				2	1					
			50X-4, 120–122	469.40	M	A										
			50X-4, 140–142	469.60	M	A				1					1	
			50X-5, 2–4	469.72	M	A										
			50X-5, 38–40	470.08	M	A										
			50X-5, 60–62	470.29	P	A										
			50X-5, 80–82	470.50	M	A										
			50X-5, 120–122	470.90	P	A										
			50X-5, 140–142	471.10	P	A				1	1					
			50X-6, 2–4	471.22	M	A					1					
			50X-6, 40–42	471.60	M	A					1					
			50X-6, 58–60	471.78	M	A										
			50X-6, 80–82	472.00	M	A					2					
			50X-CC, 40–42	472.67	M	A					1					

Notes: Preservation: M = moderate, P = poor. Abundance: A = abundant. This table is also available in ASCII.

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Hughesius gizoensis*	*Hughesius tasmaniae*	*Ilselithina fusa*	*Pontosphaera anisotrema*	*Pontosphaera multipora*	*Pontosphaera* spp.	*Pyrocyclus hermosus*	*Pyrocyclus orangensis*	*Reticulofenestra bisecta bisecta*	*Reticulofenestra bisecta filewiczii*
			49X-3, 58–60	457.68	M	A				1				1	1	
			49X-3, 78–80	457.88	M	A				2	2			1	2	
			49X-3, 120–122	458.30	M	A				2	2			1	1	
			49X-3, 140–142	458.50	M	A				1	1					
			49X-4, 2–4	458.62	M	A				1				1	1	
			49X-4, 40–42	459.00	M	A								1	1	
			49X-4, 60–62	459.20	M	A				1	1			2		
			49X-4, 80–82	459.40	M	A				2				2	1	
			49X-4, 120–122	459.80	M	A				1	1					
			49X-4, 140–142	460.00	M	A				2	2			3		
			49X-5, 2–4	460.12	M	A			1	1					1	
			49X-5, 40–42	460.50	M	A				1	1			2	1	
			49X-5, 60–62	460.70	M	A				1	1			2		
			49X-5, 80–82	460.90	M	A				1				1	1	
			49X-5, 120–122	461.30	M	A				1	2				1	
			49X-5, 140–142	461.50	M	A				1				1	1	
			49X-6, 2–4	461.62	M	A				1	1			2	2	
			49X-6, 40–42	462.00	M	A										
			49X-6, 60–62	462.20	M	A			1							
			49X-6, 80–82	462.40	M	A				2				1		
			49X-7, 2–4	462.62	M	A				1				2	1	
			49X-7, 40–42	463.00	M	A				1	1			2	2	
			49X-CC, 2–4	463.30	M	A					2			1		
			49X-CC, 40–42	463.68	M	A					1			1		
Oligocene	late	CP19	50X-1, 2–4	463.72	M	A				1	2			3		
			50X-1, 40–42	464.10	M	A				1	2			1		
			50X-1, 60–62	464.30	M	A				1	2				1	
			50X-1, 80–82	464.50	M	A					1			1	3	
			50X-1, 120–122	464.90	M	A			1	1	2				2	
			50X-1, 140–142	465.10	M	A				1	1					
			50X-2, 2–4	465.22	M	A			1	1	1			3	1	
			50X-2, 40–42	465.60	M	A					3			1		
			50X-2, 60–62	465.80	P	A				1	1			2	1	
			50X-2, 80–82	466.00	M	A					1			1		
			50X-2, 120–122	466.40	M	A				1					1	
			50X-2, 140–142	466.60	M	A				1	1					
			50X-3, 2–4	466.72	M	A			1		3			1	1	
			50X-3, 40–42	467.10	M	A			2	1	3	2			1	
			50X-3, 78–80	467.48	P	A								8	1	
			50X-3, 120–140	467.90	P	A								1	1	
			50X-4, 2–4	468.22	M	A								2	1	
			50X-4, 40–42	468.60	P	A					1				1	
			50X-4, 60–62	468.80	M	A								7		
			50X-4, 80–82	469.00	P	A					1			1	2	
			50X-4, 120–122	469.40	M	A									2	
			50X-4, 140–142	469.60	M	A								1		
			50X-5, 2–4	469.72	M	A			2	2						
			50X-5, 38–40	470.08	M	A					1			1		
			50X-5, 60–62	470.29	P	A					1			3	1	
			50X-5, 80–82	470.50	M	A					1					
			50X-5, 120–122	470.90	P	A										
			50X-5, 140–142	471.10	P	A					1			2	1	
			50X-6, 2–4	471.22	M	A								4		
			50X-6, 40–42	471.60	M	A								1		
			50X-6, 58–60	471.78	M	A								1	2	
			50X-6, 80–82	472.00	M	A					1				1	
			50X-CC, 40–42	472.67	M	A				1		1		6	1	

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Reticulofenestra coenura*	*Reticulofenestra hampdenensis*	*Reticulofenestra haqii*	*Reticulofenestra lockeri*	*Reticulofenestra minuta*	*Reticulofenestra minutula*	*Reticulofenestra stavensis*	*Rhabdosphaera gladius*	*Rhabdosphaera procera*	*Sphenolithus calyculus*
			49X-3, 58–60	457.68	M	A	1		20	1	26	147	1			
			49X-3, 78–80	457.88	M	A	1		108	1	46	104	1		1	
			49X-3, 120–122	458.30	M	A			44	1	58	107	1		2	
			49X-3, 140–142	458.50	M	A			25	1	74	103	1			
			49X-4, 2–4	458.62	M	A			39		28	99	1			
			49X-4, 40–42	459.00	M	A	2		23	1	38	111			3	
			49X-4, 60–62	459.20	M	A			18	1	64	64	1			
			49X-4, 80–82	459.40	M	A			32		48	82			1	
			49X-4, 120–122	459.80	M	A			49	1	27	162	2		1	
			49X-4, 140–142	460.00	M	A			49	1	51	99	2		1	
			49X-5, 2–4	460.12	M	A	1		21	1	48	139	1		1	
			49X-5, 40–42	460.50	M	A			13	1	42	174	1		1	
			49X-5, 60–62	460.70	M	A	1		39		64	129				
			49X-5, 80–82	460.90	M	A			32	2	32	106	1		1	
			49X-5, 120–122	461.30	M	A			48		63	71	1		2	
			49X-5, 140–142	461.50	M	A			56		9	112				
			49X-6, 2–4	461.62	M	A			92		10	117			5	
			49X-6, 40–42	462.00	M	A	1		78		12	90	2			
			49X-6, 60–62	462.20	M	A	1		57	1	58	102	1			
			49X-6, 80–82	462.40	M	A			91		33	111	1			
			49X-7, 2–4	462.62	M	A			37		53	102				
			49X-7, 40–42	463.00	M	A			30		56	90	1		1	
			49X-CC, 2–4	463.30	M	A			24		56	98	1			
			49X-CC, 40–42	463.68	M	A			59	1	22	133			3	
Oligocene	late	CP19	50X-1, 2–4	463.72	M	A			39		50	130			3	
			50X-1, 40–42	464.10	M	A			33	3	40	115			1	
			50X-1, 60–62	464.30	M	A			27	1	68	86			1	
			50X-1, 80–82	464.50	M	A	1		19		33	91	4			
			50X-1, 120–122	464.90	M	A			45	1	28	80	1			
			50X-1, 140–142	465.10	M	A			17		57	165	1		1	
			50X-2, 2–4	465.22	M	A			18		60	103	2			
			50X-2, 40–42	465.60	M	A			66		54	110	1		1	
			50X-2, 60–62	465.80	P	A			60		50	85			1	
			50X-2, 80–82	466.00	M	A			70		53	91			1	
			50X-2, 120–122	466.40	M	A			36		73	57	1		1	
			50X-2, 140–142	466.60	M	A			22		48	69	1			
			50X-3, 2–4	466.72	M	A			65		28	47	1			
			50X-3, 40–42	467.10	M	A	1		74		54	81	1		1	
			50X-3, 78–80	467.48	P	A			2	1	11	30				
			50X-3, 120–140	467.90	P	A	2				1	21				
			50X-4, 2–4	468.22	M	A			4	1	6	52	3			
			50X-4, 40–42	468.60	P	A	2		1			107	5			
			50X-4, 60–62	468.80	M	A	1			2	14	43	3			
			50X-4, 80–82	469.00	P	A			9	1	63	45	6			
			50X-4, 120–122	469.40	M	A			9		16	8	1			
			50X-4, 140–142	469.60	M	A			6		35	11	1			
			50X-5, 2–4	469.72	M	A	1		6	2	35	46	1			
			50X-5, 38–40	470.08	M	A			10		5	19	4			
			50X-5, 60–62	470.29	P	A	1		2	3	19	30	2			
			50X-5, 80–82	470.50	M	A	1		2		23	34	2			
			50X-5, 120–122	470.90	P	A	1		1			39	2			
			50X-5, 140–142	471.10	P	A	1		1			17	1			
			50X-6, 2–4	471.22	M	A	1		2		2	10	1			
			50X-6, 40–42	471.60	M	A	2		4	2	20	22	1			
			50X-6, 58–60	471.78	M	A	1			3	8	37	1			
			50X-6, 80–82	472.00	M	A			6			37	2			
			50X-CC, 40–42	472.67	M	A			19	1	58	54	1			

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Sphenolithus capricornutus*	*Sphenolithus compactus*	*Sphenolithus conicus*	*Sphenolithus delphix*	*Sphenolithus dissimilis*	*Sphenolithus moriformis*	*Sphenolithus moriformis* <6 µm	*Sphenolithus* spp.	*Tetralithoides sygmeonidesii*	*Triquetrorhabdulus carinatus*
			49X-3, 58–60	457.68	M	A						3	3			1
			49X-3, 78–80	457.88	M	A						1	6			
			49X-3, 120–122	458.30	M	A						5	2			2
			49X-3, 140–142	458.50	M	A						2				1
			49X-4, 2–4	458.62	M	A						1	6			
			49X-4, 40–42	459.00	M	A						4	1			
			49X-4, 60–62	459.20	M	A						6	3			
			49X-4, 80–82	459.40	M	A						5	1			1
			49X-4, 120–122	459.80	M	A						5	5			
			49X-4, 140–142	460.00	M	A						1	5			
			49X-5, 2–4	460.12	M	A						6	7			
			49X-5, 40–42	460.50	M	A						3	4			
			49X-5, 60–62	460.70	M	A						4	8			
			49X-5, 80–82	460.90	M	A						3	2			
			49X-5, 120–122	461.30	M	A		1				6	4			
			49X-5, 140–142	461.50	M	A						4	8			
			49X-6, 2–4	461.62	M	A						9				
			49X-6, 40–42	462.00	M	A						6	5			
			49X-6, 60–62	462.20	M	A						5	4			
			49X-6, 80–82	462.40	M	A						5	2			
			49X-7, 2–4	462.62	M	A						11				
			49X-7, 40–42	463.00	M	A						17	4			
			49X-CC, 2–4	463.30	M	A						7	7		1	
			49X-CC, 40–42	463.68	M	A						14	2			
Oligocene	late	CP19	50X-1, 2–4	463.72	M	A						1	1			
			50X-1, 40–42	464.10	M	A						3	4			
			50X-1, 60–62	464.30	M	A						6	2			
			50X-1, 80–82	464.50	M	A		2				16	6			
			50X-1, 120–122	464.90	M	A		2				17	6			
			50X-1, 140–142	465.10	M	A						14	1			
			50X-2, 2–4	465.22	M	A						3	2			
			50X-2, 40–42	465.60	M	A						3	4			
			50X-2, 60–62	465.80	P	A						5	5			
			50X-2, 80–82	466.00	M	A						3				1
			50X-2, 120–122	466.40	M	A						4	3			
			50X-2, 140–142	466.60	M	A						3	2			
			50X-3, 2–4	466.72	M	A						6	2			
			50X-3, 40–42	467.10	M	A						3	1			1
			50X-3, 78–80	467.48	P	A						5	5			
			50X-3, 120–140	467.90	P	A						12	3			
			50X-4, 2–4	468.22	M	A						10				
			50X-4, 40–42	468.60	P	A						10				
			50X-4, 60–62	468.80	M	A						23	2			
			50X-4, 80–82	469.00	P	A						15	1			
			50X-4, 120–122	469.40	M	A						14	1			
			50X-4, 140–142	469.60	M	A						8	2			
			50X-5, 2–4	469.72	M	A						11			2	
			50X-5, 38–40	470.08	M	A						7	4			
			50X-5, 60–62	470.29	P	A						5	2			
			50X-5, 80–82	470.50	M	A						14				
			50X-5, 120–122	470.90	P	A						3				
			50X-5, 140–142	471.10	P	A						7				
			50X-6, 2–4	471.22	M	A						10				
			50X-6, 40–42	471.60	M	A						10				
			50X-6, 58–60	471.78	M	A						3				
			50X-6, 80–82	472.00	M	A						6				
			50X-CC, 40–42	472.67	M	A						9	3			

Table T2 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Triquetrorhabdulus challengeri*	*Triquetrorhabdulus milowii*	*Umbilicosphaera jafari*	*Umbilicosphaera* spp.	*Zygrhablithus bijugatus*
			49X-3, 58–60	457.68	M	A			8		
			49X-3, 78–80	457.88	M	A			30		
			49X-3, 120–122	458.30	M	A			40	1	
			49X-3, 140–142	458.50	M	A			27	1	
			49X-4, 2–4	458.62	M	A			26		
			49X-4, 40–42	459.00	M	A			21	1	
			49X-4, 60–62	459.20	M	A			20		
			49X-4, 80–82	459.40	M	A			3		
			49X-4, 120–122	459.80	M	A					
			49X-4, 140–142	460.00	M	A			34	6	
			49X-5, 2–4	460.12	M	A			16	1	
			49X-5, 40–42	460.50	M	A			26		
			49X-5, 60–62	460.70	M	A			22	1	
			49X-5, 80–82	460.90	M	A			19		
			49X-5, 120–122	461.30	M	A			22	2	
			49X-5, 140–142	461.50	M	A			5		
			49X-6, 2–4	461.62	M	A			13		
			49X-6, 40–42	462.00	M	A			25		
			49X-6, 60–62	462.20	M	A			19	1	
			49X-6, 80–82	462.40	M	A			21		
			49X-7, 2–4	462.62	M	A			8		
			49X-7, 40–42	463.00	M	A			9		
			49X-CC, 2–4	463.30	M	A			21	3	
			49X-CC, 40–42	463.68	M	A		1	54		
Oligocene	late	CP19	50X-1, 2–4	463.72	M	A			41	2	
			50X-1, 40–42	464.10	M	A			49		
			50X-1, 60–62	464.30	M	A			57		
			50X-1, 80–82	464.50	M	A			17		
			50X-1, 120–122	464.90	M	A			38		
			50X-1, 140–142	465.10	M	A			33	1	
			50X-2, 2–4	465.22	M	A			11		
			50X-2, 40–42	465.60	M	A		1	15		
			50X-2, 60–62	465.80	P	A			10		
			50X-2, 80–82	466.00	M	A			17		
			50X-2, 120–122	466.40	M	A			17		
			50X-2, 140–142	466.60	M	A			17		
			50X-3, 2–4	466.72	M	A			12		
			50X-3, 40–42	467.10	M	A			16		
			50X-3, 78–80	467.48	P	A			3		
			50X-3, 120–140	467.90	P	A			1		
			50X-4, 2–4	468.22	M	A			12	1	
			50X-4, 40–42	468.60	P	A					1
			50X-4, 60–62	468.80	M	A			3		
			50X-4, 80–82	469.00	P	A	1		7		
			50X-4, 120–122	469.40	M	A			6	2	
			50X-4, 140–142	469.60	M	A			4	1	
			50X-5, 2–4	469.72	M	A			3		
			50X-5, 38–40	470.08	M	A			5		
			50X-5, 60–62	470.29	P	A			4		
			50X-5, 80–82	470.50	M	A				1	
			50X-5, 120–122	470.90	P	A			2		
			50X-5, 140–142	471.10	P	A			4		
			50X-6, 2–4	471.22	M	A			1		
			50X-6, 40–42	471.60	M	A					
			50X-6, 58–60	471.78	M	A					
			50X-6, 80–82	472.00	M	A			6	1	
			50X-CC, 40–42	472.67	M	A			10		