

Notes: Preservation: M = moderate. Abundance: A = abundant. This table is also available in [ASCII](#).

Table T3. Semiquantitative stratigraphic distribution of Miocene calcareous nannofossils, Hole 1170A. See table notes. (Continued on next 17 pages.)

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Amaurolithus amplifolius</i>	<i>Amaurolithus delicatus</i>	<i>Amaurolithus primus</i>	<i>Calcidiscus fuscus</i>	<i>Calcidiscus leptoporus</i>	<i>Calcidiscus macintyreii</i>	<i>Calcidiscus premacintyreii</i>	<i>Calcidiscus radiatus</i>	<i>Calcidiscus tropicus</i>	<i>Chiasmolithus altus</i>
Pliocene	early	CN10	189-1170A- 15H-3, 60-61	128.32	M	A	1				85	2				
Miocene	late	CN9b	15H-4, 60-61	130.32	M	A	2	1			99	7				
			15H-5, 60-61	131.82	M	A					31	7				
			15H-6, 60-61	133.32	M	A					32	5				
			16H-1, 110-111	135.80	M	A					34	2				
			16H-2, 60-61	136.80	M	A					27	3				
			16H-3, 60-61	138.30	M	A					61	7				
			16H-4, 60-61	139.80	M	A					21	8				
			16H-5, 60-61	141.30	M	A					53	5				
			16H-6, 60-61	142.80	M	A					8	3				
			17H-1, 60-61	144.80	M	A					28	4				
			17H-2, 60-61	146.30	M	A					34	1				
			17H-3, 60-61	147.80	M	A					16	3				
			17H-4, 60-61	149.11	M	A					42	2				
			17H-5, 60-61	150.61	M	A	2				32	1				
			17H-6, 60-61	152.11	M	A					15		1			
		CN8b-CN9a	19X-1, 60-61	163.80	M	A					8					
			19X-2, 60-61	165.30	M	A					8	2				
			19X-3, 60-61	166.80	M	A					27	1		1	3	
			20X-1, 60-61	167.30	M	A					10	1				
			20X-2, 60-61	168.80	M	A					104	10			1	
			20X-3, 60-61	170.30	M	A					21	6				
			20X-4, 60-61	171.80	M	A					15	3				
			20X-5, 60-61	173.30	M	A					24	9			1	
			21X-1, 60-61	176.90	M	A					28	6			1	
			21X-2, 60-61	178.40	M	A					3	2			1	
	middle	CN6-CN7-CN8a	21X-3, 60-61	179.90	M	A					16	10				5
			22X-1, 60-61	186.50	M	A					15					
			22X-2, 60-61	188.00	M	A					3	1			1	
			22X-3, 60-61	189.50	M	A									2	
			22X-4, 60-61	191.00	M	A					10				1	
			23X-1, 60-61	196.10	M	A					7	1			5	
			23X-2, 60-61	197.60	M	A				1	11	2			2	
			23X-3, 60-61	199.10	M	A					17	1			10	
			23X-4, 60-61	200.60	M	A					4	9				
			24X-1, 60-61	205.70	M	A					16	9			1	
			24X-2, 60-61	207.20	M	A					5	3				
			24X-3, 60-61	208.70	M	A					1	5				
			24X-4, 50-51	210.10	M	A					5	6				
			25X-1, 60-61	215.30	M	A					8	5				
			25X-2, 60-61	216.80	M	A					6	7				
		CN5b	25X-3, 60-61	218.30	M	A					5	4				5
			25X-4, 60-61	219.80	M	A						9				
			26X-1, 60-61	224.90	M	A					5	5	1			
			26X-2, 60-61	226.40	M	A					5	10				
			26X-3, 60-61	227.40	M	A					6	5				
			27X-1, 60-61	234.50	M	A					1	2			1	
			27X-2, 60-61	236.00	M	A						8			1	
			27X-3, 60-61	237.50	M	A					3	10			4	
			27X-4, 60-61	239.00	M	A						9			1	
			28X-1, 60-61	244.10	M	A					1	7			2	
			28X-2, 60-61	245.60	M	A					5	6			6	
			28X-3, 60-61	247.10	M	A					5	15			5	
			28X-4, 60-61	248.60	M	A					4	4				

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Clausicoccus obruus</i>	<i>Coccolithus miopelagicus</i>	<i>Coccolithus pelagicus</i>	<i>Coccolithus pelagicus</i> >12 µm	<i>Coronocyclus nitescens</i>	<i>Coronocyclus aff. prionion</i>	<i>Cryptococcolithus mediaperforatus</i>	<i>Cyclicargolithus abisectus</i>	<i>Cyclicargolithus floridanus</i>	<i>Discoaster deflandrei</i>
Pliocene	early	CN10	189-1170A- 15H-3, 60-61	128.32	M	A			27							
Miocene	late	CN9b	15H-4, 60-61	130.32	M	A			19							
			15H-5, 60-61	131.82	M	A			15							
			15H-6, 60-61	133.32	M	A			21							
			16H-1, 110-111	135.80	M	A			2							
			16H-2, 60-61	136.80	M	A			18							
			16H-3, 60-61	138.30	M	A			32							
			16H-4, 60-61	139.80	M	A			1							
			16H-5, 60-61	141.30	M	A			8							
			16H-6, 60-61	142.80	M	A			4							
			17H-1, 60-61	144.80	M	A										
			17H-2, 60-61	146.30	M	A			4							
			17H-3, 60-61	147.80	M	A			8							
			17H-4, 60-61	149.11	M	A			12							
			17H-5, 60-61	150.61	M	A			25		1					
			17H-6, 60-61	152.11	M	A			21							
		CN8b-CN9a	19X-1, 60-61	163.80	M	A			74		1		1			
			19X-2, 60-61	165.30	M	A			92		1					
			19X-3, 60-61	166.80	M	A			56		2					
			20X-1, 60-61	167.30	M	A			68		2		2			
			20X-2, 60-61	168.80	M	A			159		1		2			
			20X-3, 60-61	170.30	M	A			26							
			20X-4, 60-61	171.80	M	A			47							
			20X-5, 60-61	173.30	M	A			126		3		2			
			21X-1, 60-61	176.90	M	A			187		1					1
			21X-2, 60-61	178.40	M	A			13				1			
	middle	CN6-CN7-CN8a	21X-3, 60-61	179.90	M	A			76		1					
			22X-1, 60-61	186.50	M	A			53				1			
			22X-2, 60-61	188.00	M	A			40				1			
			22X-3, 60-61	189.50	M	A			35		3	1				
			22X-4, 60-61	191.00	M	A			50		18					
			23X-1, 60-61	196.10	M	A			51				1			
			23X-2, 60-61	197.60	M	A			39				1			
			23X-3, 60-61	199.10	M	A			25				3			
			23X-4, 60-61	200.60	M	A			6		1					
			24X-1, 60-61	205.70	M	A			28							
			24X-2, 60-61	207.20	M	A			26							
			24X-3, 60-61	208.70	M	A			26		4					
			24X-4, 50-51	210.10	M	A			9							
			25X-1, 60-61	215.30	M	A			17		3					
			25X-2, 60-61	216.80	M	A			24		2					
		CN5b	25X-3, 60-61	218.30	M	A		1	51		3					
			25X-4, 60-61	219.80	M	A			49							
			26X-1, 60-61	224.90	M	A		3	14		1					
			26X-2, 60-61	226.40	M	A			38		1					
			26X-3, 60-61	227.40	M	A			12							
			27X-1, 60-61	234.50	M	A		2	23							
			27X-2, 60-61	236.00	M	A			35							
			27X-3, 60-61	237.50	M	A			28							
			27X-4, 60-61	239.00	M	A			22		1					
			28X-1, 60-61	244.10	M	A		1	28							
			28X-2, 60-61	245.60	M	A		4	38		2	1				
			28X-3, 60-61	247.10	M	A		5	26		4					
			28X-4, 60-61	248.60	M	A		10	111		1	2				

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Discoaster exilis</i>	<i>Discoaster</i> spp. (6 ray)	<i>Discoaster</i> surculus	<i>Ericsonia detecta</i>	<i>Geminitrilella rotula</i>	<i>Helicosphaera ampliapertura</i>	<i>Helicosphaera carteri</i>	<i>Helicosphaera obliqua</i>	<i>Helicosphaera paleocarteri</i>	<i>Helicosphaera</i> spp.
Pliocene	early	CN10	189-1170A- 15H-3, 60-61	128.32	M	A					1					
Miocene	late	CN9b	15H-4, 60-61	130.32	M	A										
			15H-5, 60-61	131.82	M	A										
			15H-6, 60-61	133.32	M	A										
			16H-1, 110-111	135.80	M	A					1			1		
			16H-2, 60-61	136.80	M	A										
			16H-3, 60-61	138.30	M	A				2						
			16H-4, 60-61	139.80	M	A										
			16H-5, 60-61	141.30	M	A										
			16H-6, 60-61	142.80	M	A										
			17H-1, 60-61	144.80	M	A					1			1		
			17H-2, 60-61	146.30	M	A		1								
			17H-3, 60-61	147.80	M	A		1								
			17H-4, 60-61	149.11	M	A										
			17H-5, 60-61	150.61	M	A		2								
			17H-6, 60-61	152.11	M	A		3	2					1		
		CN8b-CN9a	19X-1, 60-61	163.80	M	A		1						1		
			19X-2, 60-61	165.30	M	A										
			19X-3, 60-61	166.80	M	A		1			1			1		
			20X-1, 60-61	167.30	M	A					1			6		
			20X-2, 60-61	168.80	M	A		4						2		
			20X-3, 60-61	170.30	M	A		1						1		
			20X-4, 60-61	171.80	M	A		1								
			20X-5, 60-61	173.30	M	A	1	6								
			21X-1, 60-61	176.90	M	A	1	3						2		
			21X-2, 60-61	178.40	M	A		1						2		
	middle	CN6-CN7-CN8a	21X-3, 60-61	179.90	M	A		1							1	
			22X-1, 60-61	186.50	M	A		1								
			22X-2, 60-61	188.00	M	A										
			22X-3, 60-61	189.50	M	A					1					
			22X-4, 60-61	191.00	M	A										
			23X-1, 60-61	196.10	M	A										
			23X-2, 60-61	197.60	M	A										
			23X-3, 60-61	199.10	M	A										
			23X-4, 60-61	200.60	M	A										
			24X-1, 60-61	205.70	M	A				2						
			24X-2, 60-61	207.20	M	A										
			24X-3, 60-61	208.70	M	A										
			24X-4, 50-51	210.10	M	A										
			25X-1, 60-61	215.30	M	A					1					
			25X-2, 60-61	216.80	M	A										
	middle	CN5b	25X-3, 60-61	218.30	M	A										
			25X-4, 60-61	219.80	M	A										
			26X-1, 60-61	224.90	M	A					1					
			26X-2, 60-61	226.40	M	A										
			26X-3, 60-61	227.40	M	A										
			27X-1, 60-61	234.50	M	A										
			27X-2, 60-61	236.00	M	A				2						
			27X-3, 60-61	237.50	M	A										
			27X-4, 60-61	239.00	M	A					1					
			28X-1, 60-61	244.10	M	A										
			28X-2, 60-61	245.60	M	A										
			28X-3, 60-61	247.10	M	A					1					
			28X-4, 60-61	248.60	M	A				1	1					

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Hughesius tasmaniae</i>	<i>Minylitha convallis</i>	<i>Portosphaera</i> spp.	<i>Pyrocyclus hermosus</i>	<i>Pyrocyclus orangensis</i>	<i>Reticulolopenestra bisecta bisecta</i>	<i>Reticulolopenestra bisecta filewiczii</i>	<i>Reticulolopenestra coenura</i>	<i>Reticulolopenestra gelida</i>	<i>Reticulolopenestra haqiji</i>
Pliocene	early	CN10	189-1170A- 15H-3, 60-61	128.32	M	A				1	1				87	5
Miocene	late	CN9b	15H-4, 60-61	130.32	M	A		1		2					23	3
			15H-5, 60-61	131.82	M	A		?		1					47	
			15H-6, 60-61	133.32	M	A		?		6					100	
			16H-1, 110-111	135.80	M	A				3	1				3	4
			16H-2, 60-61	136.80	M	A				5					4	40
			16H-3, 60-61	138.30	M	A				1					12	31
			16H-4, 60-61	139.80	M	A				3					18	72
			16H-5, 60-61	141.30	M	A				4					90	60
			16H-6, 60-61	142.80	M	A				5					125	38
			17H-1, 60-61	144.80	M	A				3					139	15
			17H-2, 60-61	146.30	M	A				4					136	19
			17H-3, 60-61	147.80	M	A				6					195	2
			17H-4, 60-61	149.11	M	A				3	1				166	1
			17H-5, 60-61	150.61	M	A				1					186	1
			17H-6, 60-61	152.11	M	A				16					191	1
		CN8b-CN9a	19X-1, 60-61	163.80	M	A				10					105	10
			19X-2, 60-61	165.30	M	A				4					118	8
			19X-3, 60-61	166.80	M	A				2					145	8
			20X-1, 60-61	167.30	M	A				6					167	6
			20X-2, 60-61	168.80	M	A									3	1
			20X-3, 60-61	170.30	M	A				4					151	7
			20X-4, 60-61	171.80	M	A				1					81	2
			20X-5, 60-61	173.30	M	A				2					49	2
			21X-1, 60-61	176.90	M	A				2					23	
			21X-2, 60-61	178.40	M	A									5	
	middle	CN6-CN7-CN8a	21X-3, 60-61	179.90	M	A				2					128	
			22X-1, 60-61	186.50	M	A				10					157	
			22X-2, 60-61	188.00	M	A				4					111	3
			22X-3, 60-61	189.50	M	A				8					116	
			22X-4, 60-61	191.00	M	A				7					147	
			23X-1, 60-61	196.10	M	A				10					109	
			23X-2, 60-61	197.60	M	A				8					182	1
			23X-3, 60-61	199.10	M	A				5					142	1
			23X-4, 60-61	200.60	M	A				7					120	4
			24X-1, 60-61	205.70	M	A				7					151	
			24X-2, 60-61	207.20	M	A				8					207	
			24X-3, 60-61	208.70	M	A				3					129	
			24X-4, 50-51	210.10	M	A				4					221	
			25X-1, 60-61	215.30	M	A				3					163	1
			25X-2, 60-61	216.80	M	A				4					186	3
		CN5b	25X-3, 60-61	218.30	M	A				7	1				130	2
			25X-4, 60-61	219.80	M	A				3					137	1
			26X-1, 60-61	224.90	M	A				2					182	2
			26X-2, 60-61	226.40	M	A			2	4					85	
			26X-3, 60-61	227.40	M	A				5	1				173	1
			27X-1, 60-61	234.50	M	A				1	2				158	4
			27X-2, 60-61	236.00	M	A				2					114	3
			27X-3, 60-61	237.50	M	A				5					140	4
			27X-4, 60-61	239.00	M	A				3					172	6
			28X-1, 60-61	244.10	M	A				6					154	4
			28X-2, 60-61	245.60	M	A				3					125	5
			28X-3, 60-61	247.10	M	A				6					154	7
			28X-4, 60-61	248.60	M	A				3					118	6

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Reticulolenestra lockeri</i>	<i>Reticulolenestra minuta</i>	<i>Reticulolenestra minutula</i>	<i>Reticulolenestra perplexa</i>	<i>Reticulolenestra producta</i>	<i>Reticulolenestra pseudumbilicus</i>	<i>Reticulolenestra stavenis</i>	<i>Rhabdosphaera procera</i>	<i>Sphenolithus belemnos</i>	<i>Sphenolithus calyculus</i>
Pliocene	early	CN10	189-1170A- 15H-3, 60-61	128.32	M	A	6	49	19	10	6					
Miocene	late	CN9b	15H-4, 60-61	130.32	M	A		67	17	58	9					
			15H-5, 60-61	131.82	M	A		124	50	23	2					
			15H-6, 60-61	133.32	M	A	3	57	43	31	2					
			16H-1, 110-111	135.80	M	A	2	131	31	77	2					
			16H-2, 60-61	136.80	M	A	9	103	63	21	5					
			16H-3, 60-61	138.30	M	A		82	63		13					
			16H-4, 60-61	139.80	M	A	5	141	27		8					
			16H-5, 60-61	141.30	M	A		34	35		12					
			16H-6, 60-61	142.80	M	A		75	37		5					
			17H-1, 60-61	144.80	M	A		73	23		15					
			17H-2, 60-61	146.30	M	A		86	7		10					
			17H-3, 60-61	147.80	M	A	7	38	24		3					
			17H-4, 60-61	149.11	M	A	7	56	9		2					
			17H-5, 60-61	150.61	M	A	18	20	12		2					
			17H-6, 60-61	152.11	M	A	5	29	14		5					
	late	CN8b-CN9a	19X-1, 60-61	163.80	M	A		43	37		7					
			19X-2, 60-61	165.30	M	A		21	9		35					
			19X-3, 60-61	166.80	M	A		36	9		8					
			20X-1, 60-61	167.30	M	A		17	9		6					
			20X-2, 60-61	168.80	M	A		10	2							
			20X-3, 60-61	170.30	M	A		5	66		11					
			20X-4, 60-61	171.80	M	A		25	117		11					
			20X-5, 60-61	173.30	M	A		10	47		16					
			21X-1, 60-61	176.90	M	A		12	28		3					
			21X-2, 60-61	178.40	M	A		11	259		1					
		CN6-CN7-CN8a	21X-3, 60-61	179.90	M	A		10	40		7					
			22X-1, 60-61	186.50	M	A		10	46		5					
			22X-2, 60-61	188.00	M	A		54	62		10					
			22X-3, 60-61	189.50	M	A		17	96		3					
			22X-4, 60-61	191.00	M	A		19	36		6					
			23X-1, 60-61	196.10	M	A		27	32		14					
			23X-2, 60-61	197.60	M	A		12	28		6					
			23X-3, 60-61	199.10	M	A		25	62		2					
			23X-4, 60-61	200.60	M	A		64	51		1					
			24X-1, 60-61	205.70	M	A		3	52		5					
	middle	CN5b	24X-2, 60-61	207.20	M	A		15	32		3					
			24X-3, 60-61	208.70	M	A		10	114		3					
			24X-4, 50-51	210.10	M	A		10	30		4					
			25X-1, 60-61	215.30	M	A		11	82		1					
			25X-2, 60-61	216.80	M	A			42		5					
			25X-3, 60-61	218.30	M	A		11	83		4					
			25X-4, 60-61	219.80	M	A		6	88		2					
			26X-1, 60-61	224.90	M	A		32	48		3					
			26X-2, 60-61	226.40	M	A		43	108		2			1		
			26X-3, 60-61	227.40	M	A		8	81		2					
			27X-1, 60-61	234.50	M	A		9	93		3					
			27X-2, 60-61	236.00	M	A		2	9	109	1	10	2			
			27X-3, 60-61	237.50	M	A			22	83		1	2			
			27X-4, 60-61	239.00	M	A			25	43		14				
			28X-1, 60-61	244.10	M	A			34	44		11				
			28X-2, 60-61	245.60	M	A			32	60		6				
			28X-3, 60-61	247.10	M	A			46	14	2	6				
			28X-4, 60-61	248.60	M	A			16	1		16				

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Sphenolithus ciproensis</i>	<i>Sphenolithus compactus</i>	<i>Sphenolithus conicus</i>	<i>Sphenolithus dislemonos</i>	<i>Sphenolithus dissimilis</i>	<i>Sphenolithus heteromorphus</i>	<i>Sphenolithus moriformis</i>	<i>Sphenolithus moriformis</i> <6 µm	<i>Triquetrorhabdulus rugosus</i>	<i>Umbilicosphaera jafari</i>
Pliocene	early	CN10	189-1170A- 15H-3, 60-61	128.32	M	A										
Miocene	late	CN9b	15H-4, 60-61	130.32	M	A									1	
			15H-5, 60-61	131.82	M	A									1	
			15H-6, 60-61	133.32	M	A									1	
			16H-1, 110-111	135.80	M	A									1	
			16H-2, 60-61	136.80	M	A										
			16H-3, 60-61	138.30	M	A										
			16H-4, 60-61	139.80	M	A										
			16H-5, 60-61	141.30	M	A										
			16H-6, 60-61	142.80	M	A										
			17H-1, 60-61	144.80	M	A										
			17H-2, 60-61	146.30	M	A										
			17H-3, 60-61	147.80	M	A										
			17H-4, 60-61	149.11	M	A										
			17H-5, 60-61	150.61	M	A										
			17H-6, 60-61	152.11	M	A										
		CN8b-CN9a	19X-1, 60-61	163.80	M	A								2		
			19X-2, 60-61	165.30	M	A										
			19X-3, 60-61	166.80	M	A								1		
			20X-1, 60-61	167.30	M	A								1		
			20X-2, 60-61	168.80	M	A								1		
			20X-3, 60-61	170.30	M	A								1		
			20X-4, 60-61	171.80	M	A										
			20X-5, 60-61	173.30	M	A										
			21X-1, 60-61	176.90	M	A	1							2		
			21X-2, 60-61	178.40	M	A	1									
	middle	CN6-CN7-CN8a	21X-3, 60-61	179.90	M	A	1					2	3			
			22X-1, 60-61	186.50	M	A	1					1				
			22X-2, 60-61	188.00	M	A	3					7	2			
			22X-3, 60-61	189.50	M	A	2					5	11			
			22X-4, 60-61	191.00	M	A	3					1	2			
			23X-1, 60-61	196.10	M	A	12	2				11	18			
			23X-2, 60-61	197.60	M	A	1						5		1	
			23X-3, 60-61	199.10	M	A	2						6			
			23X-4, 60-61	200.60	M	A	2	3					27			
			24X-1, 60-61	205.70	M	A		2				9	15			
			24X-2, 60-61	207.20	M	A		1				4				
			24X-3, 60-61	208.70	M	A						5				
			24X-4, 50-51	210.10	M	A		6				5	1			
			25X-1, 60-61	215.30	M	A		1				3	1			
			25X-2, 60-61	216.80	M	A		1					1			
		CN5b	25X-3, 60-61	218.30	M	A							5			
			25X-4, 60-61	219.80	M	A						1	1			
			26X-1, 60-61	224.90	M	A							1			
			26X-2, 60-61	226.40	M	A							1			
			26X-3, 60-61	227.40	M	A						3	1			
			27X-1, 60-61	234.50	M	A	2					1				
			27X-2, 60-61	236.00	M	A	1						2			
			27X-3, 60-61	237.50	M	A										
			27X-4, 60-61	239.00	M	A						3				1
			28X-1, 60-61	244.10	M	A		4				3	2			
			28X-2, 60-61	245.60	M	A		1					6			
			28X-3, 60-61	247.10	M	A		1				1	3			
			28X-4, 60-61	248.60	M	A						4	2		1	

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Amaurolithus amplifolius</i>	<i>Amaurolithus delicatus</i>	<i>Amaurolithus primus</i>	<i>Calcidiscus fuscus</i>	<i>Calcidiscus leptoporus</i>	<i>Calcidiscus macintyreii</i>	<i>Calcidiscus premacintyreii</i>	<i>Calcidiscus radiatus</i>	<i>Calcidiscus tropicus</i>	<i>Chiasmolithus altus</i>
Miocene	middle	CN5a	28X-5, 60-61	250.10	M	A					2	9			1	
			29X-1, 60-61	253.70	M	A					10	3			1	
			29X-2, 60-61	255.20	M	A					1	10				
			29X-3, 60-61	256.70	M	A					23	3			1	
			29X-4, 60-61	258.20	M	A					16					
			30X-1, 60-61	263.30	M	A					25					
			30X-2, 60-61	264.80	M	A					16					
			30X-3, 60-61	266.30	M	A					20			1	2	
			30X-4, 60-61	267.80	M	A					24			1		
			30X-5, 60-61	269.30	M	A					23			1		
			31X-1, 60-61	272.90	M	A					39	1			1	
			31X-2, 60-61	274.40	M	A					31	4				
			31X-3, 60-61	275.90	M	A					33	11				
			31X-4, 60-61	277.40	M	A				1	22	7	1	1		
		CN3-CN4	31X-5, 60-61	278.90	M	A					32	7	9		3	
			31X-6, 60-61	280.40	M	A					47	2			2	
			32X-1, 60-61	282.50	M	A					29	27				
			32X-2, 60-61	284.00	M	A					30	6	1			
			32X-3, 60-61	285.50	M	A					17	4	1			
			32X-4, 60-61	287.00	M	A					27	4			2	
			32X-5, 60-61	288.50	M	A			3		10	2				
			32X-6, 60-61	289.84	M	A			12		7				1	
			33X-1, 60-61	292.10	M	A					16	13	1			
			33X-2, 60-61	293.60	M	A					20	8			4	
			33X-3, 60-61	295.10	M	A			5		14	9	3		3	
			33X-4, 60-61	296.60	M	A			1		3				3	
			33X-5, 60-61	298.10	M	A			1		2				1	
			34X-1, 60-61	301.40	M	A			1		9	2			10	
			34X-2, 60-61	302.90	M	A					2				5	
			34X-3, 60-61	304.40	M	A					3	3			14	
			34X-4, 60-61	305.90	M	A					5	4			10	
			34X-5, 60-61	307.40	M	A					4	6			9	
			34X-6, 60-61	308.90	M	A					2	6			15	
			35X-1, 60-61	310.70	M	A			2		8	2			2	
			35X-2, 60-61	312.20	M	A			2		6	1			13	
	early	CN1c-CN2	35X-3, 60-61	313.70	M	A					4					9
			35X-4, 60-61	315.20	M	A			1		12				5	
			35X-5, 60-61	316.70	M	A					2		1		2	
			35X-6, 60-61	318.20	M	A					6		3			
			36X-1, 60-61	320.30	M	A					1				2	
			36X-2, 60-61	321.80	M	A					8				1	
			36X-3, 60-61	323.30	M	A			1		2					
			36X-4, 60-61	324.80	M	A					1				5	
			36X-5, 60-61	326.30	M	A					5					
			36X-6, 60-61	327.30	M	A					1					
			37X-1, 60-61	329.90	M	A					2				1	
			37X-2, 60-61	331.40	M	A					3					
			37X-3, 60-61	332.90	M	A					3					
			37X-4, 60-61	334.40	M	A					2				1	
			37X-5, 60-61	335.90	M	A					3					
			37X-6, 60-61	337.40	M	A					1					
			38X-1, 60-61	339.50	M	A										
			38X-2, 60-61	341.00	M	A										
			38X-3, 60-61	342.50	M	A					1					
			38X-4, 60-61	344.00	M	A					1					
			38X-5, 60-61	345.50	M	A					2					

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Clausicoccus</i> <i>obrutus</i>	<i>Coccolithus</i> <i>miopelagicus</i>	<i>Coccolithus</i> <i>pelagicus</i>	<i>Coccolithus</i> <i>pelagicus</i> >12 µm	<i>Coronocyclus</i> <i>nitescens</i>	<i>Coronocyclus</i> <i>aff. prionion</i>	<i>Cryptococcolithus</i> <i>mediaperforatus</i>	<i>Cyclargolithus</i> <i>abisectus</i>	<i>Cyclargolithus</i> <i>floridanus</i>	<i>Discoaster</i> <i>deflandrei</i>
Miocene	middle	CN5a	28X-5, 60-61	250.10	M	A			73		1				2	
			29X-1, 60-61	253.70	M	A			92						8	
			29X-2, 60-61	255.20	M	A			85						9	
			29X-3, 60-61	256.70	M	A			42						3	
			29X-4, 60-61	258.20	M	A			89		2				37	
			30X-1, 60-61	263.30	M	A			67					1	5	
			30X-2, 60-61	264.80	M	A			62						6	
			30X-3, 60-61	266.30	M	A			87						1	
			30X-4, 60-61	267.80	M	A		1	102							
			30X-5, 60-61	269.30	M	A		1	45							4
			31X-1, 60-61	272.90	M	A		1	84		2			3		
			31X-2, 60-61	274.40	M	A			110					1	13	
			31X-3, 60-61	275.90	M	A			80					1	8	
			31X-4, 60-61	277.40	M	A			102					2	2	
		CN3-CN4	31X-5, 60-61	278.90	M	A			50					8	12	
			31X-6, 60-61	280.40	M	A			74						44	
			32X-1, 60-61	282.50	M	A			96		2				35	
			32X-2, 60-61	284.00	M	A			97		1			1	59	
			32X-3, 60-61	285.50	M	A			127		3			2	30	
			32X-4, 60-61	287.00	M	A			82	5	1				73	
			32X-5, 60-61	288.50	M	A	1	2	80	2	1				64	
			32X-6, 60-61	289.84	M	A	2	1	73	7	1				66	
			33X-1, 60-61	292.10	M	A			111	1					53	
			33X-2, 60-61	293.60	M	A			164						33	
			33X-3, 60-61	295.10	M	A			95		3				68	
			33X-4, 60-61	296.60	M	A			60					3	71	
			33X-5, 60-61	298.10	M	A		4	60	1				1	39	
			34X-1, 60-61	301.40	M	A			82	1				2	70	
			34X-2, 60-61	302.90	M	A			166	7	1			8	28	
			34X-3, 60-61	304.40	M	A			160		1			5	73	
			34X-4, 60-61	305.90	M	A			122					6	108	
			34X-5, 60-61	307.40	M	A			110						113	
			34X-6, 60-61	308.90	M	A		22	95					4	104	
			35X-1, 60-61	310.70	M	A			138					6	50	
			35X-2, 60-61	312.20	M	A	4		104					6	54	
	early	CN1c-CN2	35X-3, 60-61	313.70	M	A	6	2	70	1				14	60	
			35X-4, 60-61	315.20	M	A			91					2	78	
			35X-5, 60-61	316.70	M	A			98	1	3			5	31	
			35X-6, 60-61	318.20	M	A			82					6	76	
			36X-1, 60-61	320.30	M	A			62					5	57	
			36X-2, 60-61	321.80	M	A			53		3			11	187	
			36X-3, 60-61	323.30	M	A			73		4			20	137	
			36X-4, 60-61	324.80	M	A		1	80	9				3	164	
			36X-5, 60-61	326.30	M	A			85		1			3	139	
			36X-6, 60-61	327.30	M	A			72					9	126	
			37X-1, 60-61	329.90	M	A			45	1	1			27	140	
			37X-2, 60-61	331.40	M	A			74		2			6	101	
			37X-3, 60-61	332.90	M	A			132		1			6	97	
			37X-4, 60-61	334.40	M	A			69	7	1			3	55	
			37X-5, 60-61	335.90	M	A			83	2	4	1		38	73	
			37X-6, 60-61	337.40	M	A			79					11	124	
			38X-1, 60-61	339.50	M	A			105		3			5	66	
			38X-2, 60-61	341.00	M	A			81	1				4	24	1
			38X-3, 60-61	342.50	M	A			41	1				20	96	
			38X-4, 60-61	344.00	M	A	1		61	14	2			26	101	3
			38X-5, 60-61	345.50	M	A			84	1				21	98	

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Discoaster exilis</i>	<i>Discoaster</i> spp. (6 ray)	<i>Discoaster</i> surculus	<i>Ericsonia detecta</i>	<i>Geminitithella rotula</i>	<i>Helicosphaera ampliapertura</i>	<i>Helicosphaera carteri</i>	<i>Helicosphaera obliqua</i>	<i>Helicosphaera paleocarteri</i>	<i>Helicosphaera</i> spp.
Miocene	middle	CN5a	28X-5, 60-61	250.10	M	A						1				1
			29X-1, 60-61	253.70	M	A					6					
			29X-2, 60-61	255.20	M	A		1								
			29X-3, 60-61	256.70	M	A				1	2					1
			29X-4, 60-61	258.20	M	A		1								
			30X-1, 60-61	263.30	M	A					1					
			30X-2, 60-61	264.80	M	A					1					
			30X-3, 60-61	266.30	M	A					5					
			30X-4, 60-61	267.80	M	A						1				1
			30X-5, 60-61	269.30	M	A					1					
			31X-1, 60-61	272.90	M	A					2					2
			31X-2, 60-61	274.40	M	A		2		1						3
			31X-3, 60-61	275.90	M	A		2			3					1
			31X-4, 60-61	277.40	M	A		2			10	1				2
		CN3-CN4	31X-5, 60-61	278.90	M	A					7	2				4
			31X-6, 60-61	280.40	M	A		1			8					8
			32X-1, 60-61	282.50	M	A		9			6					11
			32X-2, 60-61	284.00	M	A		5			4	1	1			1
			32X-3, 60-61	285.50	M	A		11		2	4				2	
			32X-4, 60-61	287.00	M	A		2		6	5					
			32X-5, 60-61	288.50	M	A		11			16					
			32X-6, 60-61	289.84	M	A		5		5	4				15	
			33X-1, 60-61	292.10	M	A		4			6				2	
			33X-2, 60-61	293.60	M	A		2			2				1	
			33X-3, 60-61	295.10	M	A		4		2	5				3	
			33X-4, 60-61	296.60	M	A		2						1	3	
			33X-5, 60-61	298.10	M	A		2			2					
			34X-1, 60-61	301.40	M	A				1					2	
			34X-2, 60-61	302.90	M	A		4							5	
			34X-3, 60-61	304.40	M	A		4							4	
			34X-4, 60-61	305.90	M	A		8		2						
			34X-5, 60-61	307.40	M	A		4		1					4	1
			34X-6, 60-61	308.90	M	A		14		1					2	
			35X-1, 60-61	310.70	M	A		32								
			35X-2, 60-61	312.20	M	A		31								
	early	CN1c-CN2	35X-3, 60-61	313.70	M	A		16							1	
			35X-4, 60-61	315.20	M	A		16		1					1	
			35X-5, 60-61	316.70	M	A		1		1	1					
			35X-6, 60-61	318.20	M	A		2								
			36X-1, 60-61	320.30	M	A					1				1	
			36X-2, 60-61	321.80	M	A		2			1					
			36X-3, 60-61	323.30	M	A					1					
			36X-4, 60-61	324.80	M	A		5								
			36X-5, 60-61	326.30	M	A		17								
			36X-6, 60-61	327.30	M	A		8			1					
			37X-1, 60-61	329.90	M	A		5								
			37X-2, 60-61	331.40	M	A		10								
			37X-3, 60-61	332.90	M	A		10							1	
			37X-4, 60-61	334.40	M	A		3							2	
			37X-5, 60-61	335.90	M	A		7			1					
			37X-6, 60-61	337.40	M	A		27			2					
			38X-1, 60-61	339.50	M	A		31							1	
			38X-2, 60-61	341.00	M	A		93								
			38X-3, 60-61	342.50	M	A		10								
			38X-4, 60-61	344.00	M	A										
			38X-5, 60-61	345.50	M	A		23								

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Hughesius tasmaniae</i>	<i>Minylitha convallis</i>	<i>Pontosphaera</i> spp.	<i>Pyrocyclus hermosus</i>	<i>Pyrocyclus orangensis</i>	<i>Reticulofenestra bisecta bisecta</i>	<i>Reticulofenestra bisecta filewiczii</i>	<i>Reticulofenestra coenura</i>	<i>Reticulofenestra gelida</i>	<i>Reticulofenestra haqii</i>
Miocene	middle	CN5a	28X-5, 60–61	250.10	M	A				2					86	4
			29X-1, 60–61	253.70	M	A				5				65	5	
			29X-2, 60–61	255.20	M	A				3				127	6	
			29X-3, 60–61	256.70	M	A				1				88	10	
			29X-4, 60–61	258.20	M	A				6				46	21	
			30X-1, 60–61	263.30	M	A				3	1			55	22	
			30X-2, 60–61	264.80	M	A				4				73	22	
			30X-3, 60–61	266.30	M	A				5	1			39	15	
			30X-4, 60–61	267.80	M	A				3				6	12	
			30X-5, 60–61	269.30	M	A				3	1			11	16	
			31X-1, 60–61	272.90	M	A				1					27	
			31X-2, 60–61	274.40	M	A									59	
			31X-3, 60–61	275.90	M	A				1					26	
			31X-4, 60–61	277.40	M	A				2					60	
		CN3–CN4	31X-5, 60–61	278.90	M	A										56
			31X-6, 60–61	280.40	M	A					1	2				15
			32X-1, 60–61	282.50	M	A										5
			32X-2, 60–61	284.00	M	A					1	3				7
			32X-3, 60–61	285.50	M	A					3	2				10
			32X-4, 60–61	287.00	M	A					1					18
			32X-5, 60–61	288.50	M	A					1	2				23
			32X-6, 60–61	289.84	M	A					1	1				6
			33X-1, 60–61	292.10	M	A					1	3				10
			33X-2, 60–61	293.60	M	A						1			1	11
			33X-3, 60–61	295.10	M	A										25
			33X-4, 60–61	296.60	M	A						2				1
			33X-5, 60–61	298.10	M	A						3			35	3
			34X-1, 60–61	301.40	M	A						3				2
			34X-2, 60–61	302.90	M	A						1				1
			34X-3, 60–61	304.40	M	A						1				
			34X-4, 60–61	305.90	M	A					1	4				
		34X-5, 60–61	307.40	M	A						4					
		34X-6, 60–61	308.90	M	A					1						
	35X-1, 60–61	310.70	M	A					1	3				38	6	
	35X-2, 60–61	312.20	M	A					1	2				30	11	
	early	CN1c–CN2	35X-3, 60–61	313.70	M	A					2				44	10
			35X-4, 60–61	315.20	M	A				7			1	16		
			35X-5, 60–61	316.70	M	A				1	1					10
			35X-6, 60–61	318.20	M	A				2	3					1
			36X-1, 60–61	320.30	M	A			2	1	1					3
			36X-2, 60–61	321.80	M	A				2	1					6
			36X-3, 60–61	323.30	M	A				2	2					23
			36X-4, 60–61	324.80	M	A				2	1		1			6
			36X-5, 60–61	326.30	M	A					1		5			6
			36X-6, 60–61	327.30	M	A				4	2		7			8
			37X-1, 60–61	329.90	M	A				3	2		2			20
			37X-2, 60–61	331.40	M	A					4		3			14
			37X-3, 60–61	332.90	M	A					2					17
			37X-4, 60–61	334.40	M	A									2	40
		37X-5, 60–61	335.90	M	A				1						61	
		37X-6, 60–61	337.40	M	A				3			1			22	
		38X-1, 60–61	339.50	M	A				2	1					25	
		38X-2, 60–61	341.00	M	A					1					39	
		38X-3, 60–61	342.50	M	A						5				27	
		38X-4, 60–61	344.00	M	A						1				17	
		38X-5, 60–61	345.50	M	A				5			1			25	

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Reticulolenestra lockeri</i>	<i>Reticulolenestra minuta</i>	<i>Reticulolenestra minutula</i>	<i>Reticulolenestra perplexa</i>	<i>Reticulolenestra producta</i>	<i>Reticulolenestra pseudoumbilicus</i>	<i>Reticulolenestra stavenis</i>	<i>Rhabdosphaera procera</i>	<i>Sphenolithus belemnos</i>	<i>Sphenolithus calyculus</i>
Miocene	middle	CN5a	28X-5, 60-61	250.10	M	A	29	43	7			19				
			29X-1, 60-61	253.70	M	A		5	31			66				
			29X-2, 60-61	255.20	M	A		3	46			9				
			29X-3, 60-61	256.70	M	A		12	90			18				
			29X-4, 60-61	258.20	M	A		24	50			8				
			30X-1, 60-61	263.30	M	A		13	100			7				
			30X-2, 60-61	264.80	M	A		16	97			3				
			30X-3, 60-61	266.30	M	A		36	82			1				
			30X-4, 60-61	267.80	M	A		73	68			3				
			30X-5, 60-61	269.30	M	A		59	129			4				
			31X-1, 60-61	272.90	M	A	1	103	23			7				
			31X-2, 60-61	274.40	M	A		58	3			11				
			31X-3, 60-61	275.90	M	A		111	16			2				
			31X-4, 60-61	277.40	M	A		72	8			5				
		CN3-CN4	31X-5, 60-61	278.90	M	A		78				19				
			31X-6, 60-61	280.40	M	A	1	84				11				
			32X-1, 60-61	282.50	M	A		71				6				
			32X-2, 60-61	284.00	M	A		72								
			32X-3, 60-61	285.50	M	A		73				4				
			32X-4, 60-61	287.00	M	A		66				1				
			32X-5, 60-61	288.50	M	A		71				1				
			32X-6, 60-61	289.84	M	A		87				10			1	
			33X-1, 60-61	292.10	M	A		74								
			33X-2, 60-61	293.60	M	A	2	49								
			33X-3, 60-61	295.10	M	A		53								
			33X-4, 60-61	296.60	M	A		128								
			33X-5, 60-61	298.10	M	A		54								
			34X-1, 60-61	301.40	M	A		82								
			34X-2, 60-61	302.90	M	A	10	59								
			34X-3, 60-61	304.40	M	A		23								
			34X-4, 60-61	305.90	M	A		22								
			34X-5, 60-61	307.40	M	A		37								
			34X-6, 60-61	308.90	M	A		26								
			35X-1, 60-61	310.70	M	A		1				12				
			35X-2, 60-61	312.20	M	A		2				16				
	early	CN1c-CN2	35X-3, 60-61	313.70	M	A		14				8				
			35X-4, 60-61	315.20	M	A		5				1				
			35X-5, 60-61	316.70	M	A		13								
			35X-6, 60-61	318.20	M	A		8								
			36X-1, 60-61	320.30	M	A		3				5				
			36X-2, 60-61	321.80	M	A		16								
			36X-3, 60-61	323.30	M	A		20				2				
			36X-4, 60-61	324.80	M	A		12				1				
			36X-5, 60-61	326.30	M	A		14								
			36X-6, 60-61	327.30	M	A	1	33								
			37X-1, 60-61	329.90	M	A		40								
			37X-2, 60-61	331.40	M	A		69				1				
			37X-3, 60-61	332.90	M	A		21				2				
			37X-4, 60-61	334.40	M	A		81				13				
			37X-5, 60-61	335.90	M	A		13				1				
			37X-6, 60-61	337.40	M	A		14				3				
			38X-1, 60-61	339.50	M	A		26				16				
			38X-2, 60-61	341.00	M	A		7				2				
			38X-3, 60-61	342.50	M	A		19								
			38X-4, 60-61	344.00	M	A		13				19				
			38X-5, 60-61	345.50	M	A		20								

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Sphenolithus ciproensis</i>	<i>Sphenolithus compactus</i>	<i>Sphenolithus conicus</i>	<i>Sphenolithus disleptus</i>	<i>Sphenolithus dissimilis</i>	<i>Sphenolithus heteromorphus</i>	<i>Sphenolithus moriformis</i>	<i>Sphenolithus moriformis</i> <6 µm	<i>Triquetrorhabdulus rugosus</i>	<i>Umbilicosphaera jafari</i>
Miocene	middle	CN5a	28X-5, 60-61	250.10	M	A			4			1	13	2		
			29X-1, 60-61	253.70	M	A			1					2		
			29X-2, 60-61	255.20	M	A										
			29X-3, 60-61	256.70	M	A		1	1							
			29X-4, 60-61	258.20	M	A										
			30X-1, 60-61	263.30	M	A										
			30X-2, 60-61	264.80	M	A										
			30X-3, 60-61	266.30	M	A										
			30X-4, 60-61	267.80	M	A		1					3	1		
			30X-5, 60-61	269.30	M	A			1				1	1		
			31X-1, 60-61	272.90	M	A		2	1				1	1		
			31X-2, 60-61	274.40	M	A			1				3	3		
			31X-3, 60-61	275.90	M	A			1				4	4		
			31X-4, 60-61	277.40	M	A		1					5	1		
		CN3-CN4	31X-5, 60-61	278.90	M	A		1							2	
			31X-6, 60-61	280.40	M	A										
			32X-1, 60-61	282.50	M	A		1	1					1		
			32X-2, 60-61	284.00	M	A		2					1	7		2
			32X-3, 60-61	285.50	M	A								1		
			32X-4, 60-61	287.00	M	A							2			
			32X-5, 60-61	288.50	M	A							2	3		
			32X-6, 60-61	289.84	M	A		5					2	3		
			33X-1, 60-61	292.10	M	A		6	1					2		
			33X-2, 60-61	293.60	M	A			2							
			33X-3, 60-61	295.10	M	A							1	1		
			33X-4, 60-61	296.60	M	A							1			
			33X-5, 60-61	298.10	M	A										
			34X-1, 60-61	301.40	M	A										
			34X-2, 60-61	302.90	M	A										
			34X-3, 60-61	304.40	M	A			1				7	2		
			34X-4, 60-61	305.90	M	A		2	4				3	4		
			34X-5, 60-61	307.40	M	A		1	1				11	1		
			34X-6, 60-61	308.90	M	A				1			5			
			35X-1, 60-61	310.70	M	A			1							
			35X-2, 60-61	312.20	M	A			2		1		12			
	early	CN1c-CN2	35X-3, 60-61	313.70	M	A		3					7	1		
			35X-4, 60-61	315.20	M	A					1		13			
			35X-5, 60-61	316.70	M	A							16			
			35X-6, 60-61	318.20	M	A										
			36X-1, 60-61	320.30	M	A					1		4	3		
			36X-2, 60-61	321.80	M	A							5			
			36X-3, 60-61	323.30	M	A							9			
			36X-4, 60-61	324.80	M	A		3	1	1				2		
			36X-5, 60-61	326.30	M	A							3	1		
			36X-6, 60-61	327.30	M	A		1					3	3		
			37X-1, 60-61	329.90	M	A					2		7	2		
			37X-2, 60-61	331.40	M	A					5		2			
			37X-3, 60-61	332.90	M	A					2		3	2		
			37X-4, 60-61	334.40	M	A		1			4		10	5		
			37X-5, 60-61	335.90	M	A				1	3		5			
			37X-6, 60-61	337.40	M	A		3			1		3			
			38X-1, 60-61	339.50	M	A		1					6			
			38X-2, 60-61	341.00	M	A		6			2		11			
			38X-3, 60-61	342.50	M	A							5	2		
			38X-4, 60-61	344.00	M	A		3					4			
			38X-5, 60-61	345.50	M	A							3	1		

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Amaurolithus amplifolius</i>	<i>Amaurolithus delicatus</i>	<i>Amaurolithus primus</i>	<i>Calcidiscus fuscus</i>	<i>Calcidiscus leptoporus</i>	<i>Calcidiscus macintyreii</i>	<i>Calcidiscus premacintyreii</i>	<i>Calcidiscus radiatus</i>	<i>Calcidiscus tropicus</i>	<i>Chiasmolithus altus</i>
Miocene	early	CN1c-CN2	38X-6, 60-61	347.00	M	A										
			39X-1, 60-61	349.20	M	A										
			39X-2, 60-61	350.70	M	A										
			39X-3, 60-61	352.20	M	A										
			39X-4, 60-61	353.70	M	A										
			39X-5, 60-61	355.20	M	A										1
			40X-1, 60-61	358.80	M	A										
			40X-2, 60-61	360.30	M	A										
			40X-3, 60-61	361.80	M	A										
			40X-4, 60-61	363.30	M	A									3	
			40X-5, 60-61	364.80	M	A				1					1	
			40X-6, 60-61	366.30	M	A										
			41X-1, 60-61	368.40	M	A										
			41X-2, 60-61	369.90	M	A				4						
			41X-3, 60-61	371.40	M	A				1						
			41X-4, 60-61	372.90	M	A										
			41X-5, 60-61	374.40	M	A					12					2
			41X-6, 60-61	375.90	M	A										
			42X-1, 60-61	378.00	M	A										
			42X-2, 60-61	379.50	M	A										
			42X-3, 60-61	381.00	M	A										
Oligocene	late	CP19	42X-3, 110-111	382.50	M	A										
			42X-4, 60-61	384.00	M	A										1

Notes: Preservation: M = moderate. Abundance: A = abundant. This table is also available in [ASCII](#).

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Clausiococcus obruus</i>	<i>Coccolithus miopelagicus</i>	<i>Coccolithus pelagicus</i>	<i>Coccolithus pelagicus</i> >12 µm	<i>Coronocyclus nitescens</i>	<i>Coronocyclus aff. prionion</i>	<i>Cryptococcolithus mediaperforatus</i>	<i>Cyclocargolithus abisectus</i>	<i>Cyclocargolithus floridanus</i>	<i>Discoaster deflandrei</i>
Miocene	early	CN1c-CN2	38X-6, 60-61	347.00	M	A			34					8	115	
			39X-1, 60-61	349.20	M	A			71	1			14	70		
			39X-2, 60-61	350.70	M	A			138	7	1	1	2	41		
			39X-3, 60-61	352.20	M	A			106	7		1		14		
			39X-4, 60-61	353.70	M	A	2		175	21		2		8		
			39X-5, 60-61	355.20	M	A			119	24				47	1	
			40X-1, 60-61	358.80	M	A			115	28	1			12		
			40X-2, 60-61	360.30	M	A		5	132	15	1			25		
			40X-3, 60-61	361.80	M	A			170	10		1		16		
			40X-4, 60-61	363.30	M	A	1		124	1	2			3		
			40X-5, 60-61	364.80	M	A			141	4		1	31	38		
			40X-6, 60-61	366.30	M	A			161	4	1		73	8		
			41X-1, 60-61	368.40	M	A		5	144	33	3		1	15		
			41X-2, 60-61	369.90	M	A			139	1	1		47	82	1	
			41X-3, 60-61	371.40	M	A			160				22	106		
			41X-4, 60-61	372.90	M	A			108				17	132		
			41X-5, 60-61	374.40	M	A			114	1			6	150		
			41X-6, 60-61	375.90	M	A			57	2			56	139	2	
			42X-1, 60-61	378.00	M	A		2	117	5	1		26	120		
			42X-2, 60-61	379.50	M	A			162	8			3	103		
			42X-3, 60-61	381.00	M	A	28		100	15			7	128		
			42X-3, 110-111	382.50	M	A	43		83	13	2		4	105		
Oligocene	late	CP19	42X-4, 60-61	384.00	M	A			105	17	2		37	71		

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Discoaster exilis</i>	<i>Discoaster</i> spp. (6 ray)	<i>Discoaster surculus</i>	<i>Ericsonia detecta</i>	<i>Geminitithella rotula</i>	<i>Helicosphaera ampliapertura</i>	<i>Helicosphaera carteri</i>	<i>Helicosphaera obliqua</i>	<i>Helicosphaera paleocarteri</i>	<i>Helicosphaera</i> spp.
Miocene	early	CN1c-CN2	38X-6, 60-61	347.00	M	A	13				3					
			39X-1, 60-61	349.20	M	A	13									
			39X-2, 60-61	350.70	M	A	8								1	
			39X-3, 60-61	352.20	M	A										
			39X-4, 60-61	353.70	M	A	7									
			39X-5, 60-61	355.20	M	A	13									
			40X-1, 60-61	358.80	M	A	19									
			40X-2, 60-61	360.30	M	A	4									
			40X-3, 60-61	361.80	M	A	2		1						1	
			40X-4, 60-61	363.30	M	A	2		1							
			40X-5, 60-61	364.80	M	A	3									
			40X-6, 60-61	366.30	M	A	5									
			41X-1, 60-61	368.40	M	A									1	
			41X-2, 60-61	369.90	M	A	4		1							
			41X-3, 60-61	371.40	M	A										
			41X-4, 60-61	372.90	M	A	32									
			41X-5, 60-61	374.40	M	A	1		2						1	
			41X-6, 60-61	375.90	M	A	23		1							
			42X-1, 60-61	378.00	M	A	3									
			42X-2, 60-61	379.50	M	A	2									
			42X-3, 60-61	381.00	M	A				2						1
			42X-3, 110-111	382.50	M	A				7				1		
Oligocene	late	CP19	42X-4, 60-61	384.00	M	A			1							

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Hughesius tasmaniae</i>	<i>Minylitha convallis</i>	<i>Portosphaera</i> spp.	<i>Pyrocyclus hermosus</i>	<i>Pyrocyclus orangensis</i>	<i>Reticulolopenestra bisecta bisecta</i>	<i>Reticulolopenestra bisecta filewiczii</i>	<i>Reticulolopenestra coenura</i>	<i>Reticulolopenestra gelida</i>	<i>Reticulolopenestra haqiji</i>
Miocene	early	CN1c-CN2	38X-6, 60-61	347.00	M	A				2	2					23
			39X-1, 60-61	349.20	M	A				3	1		5			75
			39X-2, 60-61	350.70	M	A					3		8		2	11
			39X-3, 60-61	352.20	M	A				2						28
			39X-4, 60-61	353.70	M	A										49
			39X-5, 60-61	355.20	M	A							2			17
			40X-1, 60-61	358.80	M	A					2					58
			40X-2, 60-61	360.30	M	A				1	1					18
			40X-3, 60-61	361.80	M	A										14
			40X-4, 60-61	363.30	M	A							1			15
			40X-5, 60-61	364.80	M	A					4					1
			40X-6, 60-61	366.30	M	A					4					9
			41X-1, 60-61	368.40	M	A					1					6
			41X-2, 60-61	369.90	M	A					6					6
			41X-3, 60-61	371.40	M	A					1					2
			41X-4, 60-61	372.90	M	A					1					5
			41X-5, 60-61	374.40	M	A					5					5
			41X-6, 60-61	375.90	M	A				3	5					6
			42X-1, 60-61	378.00	M	A				2	1					3
			42X-2, 60-61	379.50	M	A								12		2
			42X-3, 60-61	381.00	M	A	9			1			3	5		2
			42X-3, 110-111	382.50	M	A	1			2	3			5		12
Oligocene	late	CP19	42X-4, 60-61	384.00	M	A						8		4		31

Table T3 (continued).

Age		Zone (Okada and Bukry, 1980)	Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	<i>Reticulolopenestra lockeri</i>	<i>Reticulolopenestra minuta</i>	<i>Reticulolopenestra minutula</i>	<i>Reticulolopenestra perplexa</i>	<i>Reticulolopenestra producta</i>	<i>Reticulolopenestra pseudumbilicus</i>	<i>Reticulolopenestra stansensis</i>	<i>Rhabdosphaera procera</i>	<i>Sphenolithus belemnos</i>	<i>Sphenolithus calyculus</i>
Miocene	early	CN1c-CN2	38X-6, 60-61	347.00	M	A			40			5				
			39X-1, 60-61	349.20	M	A			12			1				
			39X-2, 60-61	350.70	M	A			6			1				
			39X-3, 60-61	352.20	M	A						1				
			39X-4, 60-61	353.70	M	A										
			39X-5, 60-61	355.20	M	A	1		61							
			40X-1, 60-61	358.80	M	A			49							
			40X-2, 60-61	360.30	M	A			79							
			40X-3, 60-61	361.80	M	A			68							
			40X-4, 60-61	363.30	M	A			100							
			40X-5, 60-61	364.80	M	A	1		74							
			40X-6, 60-61	366.30	M	A			36							
			41X-1, 60-61	368.40	M	A			83							
			41X-2, 60-61	369.90	M	A										1
			41X-3, 60-61	371.40	M	A										
			41X-4, 60-61	372.90	M	A			5							
			41X-5, 60-61	374.40	M	A			2							
			41X-6, 60-61	375.90	M	A	1									
			42X-1, 60-61	378.00	M	A			13							
			42X-2, 60-61	379.50	M	A	3		4							
Oligocene	late	CP19	42X-3, 60-61	381.00	M	A	7		1				2			
			42X-3, 110-111	382.50	M	A	12		7				1			
			42X-4, 60-61	384.00	M	A	13	2	8							

[illegible]