Chapter 7, Table T2. Miocene to Pliocene distribution of calcareous nannofossils, Site 1090.

| Biozone | Age | Leg | Site | Hole | Core | Type | Section | S. Top (cm) | S. Bot (cm) | Depth (mbsf) | Depth (mcd) | Abundance | Preservation | *Amaurolithus delicatus* | *Calcidiscus* cf. *C. radiatus* | *Calcidiscus leptoporus* | *Calcidiscus macintyrei* | *Calcidiscus* sp. | *Calcidiscus tropicus* | *Coccolithus miopelagicus* | *Coccolithus pelagicus* | *Coronocyclus* sp. | *Cyclicargolithus abisectus* | *Cyclicargolithus floridanus* | *Dictyococcites antarticus* | *Dictyococcites* spp. (<5 µm) | *Discoaster adamanteus* | *Discoaster asymmetricus* | *Discoaster* cf. *D. berggrenii* | *Discoaster brouweri* | *Discoaster decorus* | *Discoaster deflandrei* gr. | *Discoaster intercalaris* | *Discoaster pentaradiatus* | *Discoaster* spp. | *Discoaster surculus* | *Discoaster tamalis* | *Discoaster tristiliifer* | *Discoaster variabilis* gr. | *Gephyrocapsa* medium (4–5.5 µm) | *Gephyrocapsa* small | *Helicosphaera carteri* | *Helicosphaera neogranulata* | *Helicosphaera sellii* | *Minylitha coonvallis* | *Pseudoemiliania lacunosa* (>4 µm) | *Pyrocyclus* sp. | *Reticulofenestra bisecta* | *R. bisecta filewiczii* | *R. bisecta stavensis* | *Reticulofenestra* (cycles >7 µm) | *Reticulofenestra* (cycles 3–5 µm) | *Reticulofenestra* (5–7 µm) | *Reticulofenestra minuta* (<3 µm) | *Reticulofenestra minutula* (3–5 µm) | *Reticulofenestra pseudoumbilicus* (>7 µm) | *Reticulofenestra* (broken cycles) | *Sphenolithus belemnos* | *Sphenolithus cometa* | *Sphenolithus conicus* | *Sphenolithus disbelemnos* | *Sphenolithus dissimilis* | *Sphenolithus moriformis* | *Sphenolithus abies-neoabies* | *Sphenolithus tintinnabulum* | *Tetralithoides symeonidesii* | *Thoracosphaera* sp. | *Triquetrorhabdulus carinatus* | *Triquetrorhabdulus* sp. |
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Table T2. Miocene to Pliocene distribution of calcareous nannofossils, Site 1090. (Continued on next eight pages.)

Biozone	Age	Leg	Site	Hole	Core	Type	Section	S. Top (cm)	S. Bot (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	*Amaurolithus delicatus*	*Calcidiscus* cf. *C. radiatus*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus* sp.	*Calcidiscus tropicus*	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Coronocyclus* sp.	*Cyclicargolithus abisectus*	*Cyclicargolithus floridanus*	*Dictyococcites antarticus*	*Dictyococcites* spp. (<5 µm)	*Discoaster adamanteus*	*Discoaster asymmetricus*	*Discoaster* cf. *D. berggrenii*	*Discoaster brouweri*	*Discoaster decorus*	*Discoaster deflandrei* gr.	*Discoaster intercalaris*	*Discoaster pentaradiatus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster tamalis*	*Discoaster tristiliifer*
	Pleistocene	177	1090	B	5	H	5	30	30	38.7	42.31	A	G			F	1				R																	
		177	1090	B	5	H	5	130	130	39.7	43.31	A	G			C	R				A																	
NN19		177	1090	B	5	H	6	30	30	41.2	43.81	A	G			F	F				C																	
		177	1090	B	5	H	6	130	130	42.2	44.81	A	G			A	R				A																	
		177	1090	B	6	H	1	30	30	42.5	44.1	A	M			R	R				C																	
		177	1090	B	6	H	1	130	130	43.5	45.1	A	M			C	R				C									1								
		177	1090	B	6	H	2	130	130	45	46.6	A	M			C	R				A									7								
NN18		177	1090	B	6	H	3	130	130	46.5	48.1	A	M			A					C									5								
		177	1090	B	6	H	4	130	130	48	49.6	A	M			C	R				A									6								
		177	1090	B	6	H	5	130	130	49.5	51.1	A	M			F	R				VA									4								
	Pliocene	177	1090	B	6	H	6	130	130	51	52.6	A	P			C	R				C									6								
		177	1090	B	6	H	7	30	30	51.5	53.1	A	M			A	R				C									16				4				
		177	1090	B	6	H	CC	9	14	51.84	53.44	A	M			C	R				C									2				R				
		177	1090	B	7	H	CC	12	17	59.29	65.59	A	M			C	F				C									2				2				
		177	1090	B	8	H	1	30	30	61.5	65.21	A	M			F	R				F					A				3				5			1	
NN12-NN17		177	1090	B	8	H	1	120	120	62.4	66.11	A	P			F					A								1	4							1	
		177	1090	B	8	H	2	30	30	63	66.71	A	M			C	R				A								2	7				6		4		
		177	1090	B	8	H	2	140	140	64.1	67.81	A	M			C	R				A								x	2 4				4		2	x	3
		177	1090	B	8	H	3	30	30	64.5	68.21	A	P	2		C	F				C					R				x				6	3			
		177	1090	B	8	H	4	30	30	66	69.71	A	M			C					A					VA				2			1	3				
		177	1090	B	8	H	4	139	139	67.09	70.8	A	M	2		C	R				C					VA				2	2			2	4	1		
?		177	1090	B	8	H	5	30	30	67.5	71.21	A	VP					R			C			A			F					A	1?					
		177	1090	B	8	H	5	140	140	68.6	72.31	R	VP			R				1	F			C			R					C						
		177	1090	B	8	H	6	30	30	69	72.71	F	VP			R		R			F			C			R					F						
		177	1090	B	8	H	CC	18	23	69.63	73.34	F	P			R					R			C								F						
		177	1090	B	9	H	3	140	140	75.1	78.79	A	P		R	R		R		R			r	A								R						
		177	1090	B	9	H	4	30	30	75.5	79.19	F	VP					R		1	F		r	C	R							R						
		177	1090	B	9	H	4	138	138	76.58	80.27	A	VP		1						A	R		C														
?	Miocene	177	1090	B	9	H	5	30	30	77	80.69	A	VP		R	R		R			C			R								R						
		177	1090	B	9	H	5	140	140	78.1	81.79	C	VP			1					C			F			R					R						
		177	1090	B	9	H	6	30	30	78.5	82.19	A	P			R					A	R		A			R					F						
		177	1090	B	9	H	6	140	140	79.6	83.29	A	VP			R					A			R			R					F						
		177	1090	B	9	H	7	10	10	79.8	83.49	A	VP			?		R	R	1	A	R		R			R					F						
		177	1090	B	9	H	CC	13	18	79.99	83.68	F	P					R						F								F						
		177	1090	B	10	H	1	140	140	81.6	86.17	A	P			R		R			A	R		C	C		F					F						
NN3		177	1090	B	10	H	2	140	140	83.1	87.67	A	P					R			A	RR		RR			C								VA			
		177	1090	B	10	H	3	140	140	84.6	89.17	A	VP								A			C			R					R			VA			

Table T2 (continued).

Biozone	Age	Leg	Site	Hole	Core	Type	Section	S. Top (cm)	S. Bot (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	*Discoaster variabilis* gr.	*Gephyrocapsa* medium (4–5.5 µm)	*Gephyrocapsa* small	*Helicosphaera carteri*	*Helicosphaera neogranulata*	*Helicosphaera sellii*	*Minylitha coonvallis*	*Pseudoemiliania lacunosa* (>4 µm)	*Pyrocyclus* sp.	*Reticulofenestra bisecta*	*R. bisecta filewiczii*	*R. bisecta stavensis*	*Reticulofenestra* (cycles >7 µm)	*Reticulofenestra* (cycles 3–5 µm)	*Reticulofenestra* (5–7 µm)	*Reticulofenestra minuta* (<3 µm)	*Reticulofenestra minutula* (3–5 µm)	*Reticulofenestra pseudoumbilicus* (>7 µm)	*Reticulofenestra* (broken cycles)	*Sphenolithus belemnos*	*Sphenolithus cometa*	*Sphenolithus conicus*	*Sphenolithus disbelemnos*	*Sphenolithus dissimilis*	*Sphenolithus moriformis*
	Pleistocene	177	1090	B	5	H	5	30	30	38.7	42.31	A	G		C	C		R			A						F		C	F								
NN19		177	1090	B	5	H	5	130	130	39.7	43.31	A	G			C	R				C						C		A	C								
		177	1090	B	5	H	6	30	30	41.2	43.81	A	G								C						A		VA	A								
		177	1090	B	5	H	6	130	130	42.2	44.81	A	G								C						A		A	A								
		177	1090	B	6	H	1	30	30	42.5	44.1	A	M			F		R			C						R		VA	R								
		177	1090	B	6	H	1	130	130	43.5	45.1	A	M			F	R		F		C								VA									
NN18		177	1090	B	6	H	2	130	130	45	46.6	A	M			F					A						C		A	C								
		177	1090	B	6	H	3	130	130	46.5	48.1	A	M			F					A						R		A	R								
		177	1090	B	6	H	4	130	130	48	49.6	A	M			R	F				C						A		A	A								
		177	1090	B	6	H	5	130	130	49.5	51.1	A	M								C						A		A	A								
	Pliocene	177	1090	B	6	H	6	130	130	51	52.6	A	P								A						A		A	A								1
NN12-NN17		177	1090	B	6	H	7	30	30	51.5	53.1	A	M								C						A		A	A								
		177	1090	B	6	H	CC	9	14	51.84	53.44	A	M								C						A		A	A								
		177	1090	B	7	H	CC	12	17	59.29	65.59	A	M								C						F		A	F								
		177	1090	B	8	H	1	30	30	61.5	65.21	A	M				1		2		RR						R		VA	R								
		177	1090	B	8	H	1	120	120	62.4	66.11	A	P			C	R				R						RR		A	RR								
		177	1090	B	8	H	2	30	30	63	66.71	A	M			C			2		F						R		A	R	1							
		177	1090	B	8	H	2	140	140	64.1	67.81	A	M			C					<4 µm						R		A	R	C							
		177	1090	B	8	H	3	30	30	64.5	68.21	A	P			C											R		C	R	C							
		177	1090	B	8	H	4	30	30	66	69.71	A	M	3													F		F	F								
		177	1090	B	8	H	4	139	139	67.09	70.8	A	M	4													C	x	A	C								
?		177	1090	B	8	H	5	30	30	67.5	71.21	A	VP	F								1						C										
		177	1090	B	8	H	5	140	140	68.6	72.31	R	VP	C						1cf.								RR				R						
		177	1090	B	8	H	6	30	30	69	72.71	F	VP	C														R				C						
		177	1090	B	8	H	CC	18	23	69.63	73.34	F	P	C														R				C						
		177	1090	B	9	H	3	140	140	75.1	78.79	A	P				1									R	RR	C	F	RR	R	C						R
		177	1090	B	9	H	4	30	30	75.5	79.19	F	VP													R		C			R	C						R
		177	1090	B	9	H	4	138	138	76.58	80.27	A	VP	R												A		R	1		A	R						R
?	Miocene	177	1090	B	9	H	5	30	30	77	80.69	A	VP									R				F	F	F		F	F	C						R
		177	1090	B	9	H	5	140	140	78.1	81.79	C	VP										r			F	R	F		R	F	A						R
		177	1090	B	9	H	6	30	30	78.5	82.19	A	P																		A							
		177	1090	B	9	H	6	140	140	79.6	83.29	A	VP									RR	r			F		A			RR						R	R
		177	1090	B	9	H	7	10	10	79.8	83.49	A	VP										r			R		R			R						R	R
		177	1090	B	9	H	CC	13	18	79.99	83.68	F	P																									
NN3		177	1090	B	10	H	1	140	140	81.6	86.17	A	P													R		R				A	1	R	R	F	F	C
		177	1090	B	10	H	2	140	140	83.1	87.67	A	P										r			F		F			F		?	RR	RR	RR	F	R
		177	1090	B	10	H	3	140	140	84.6	89.17	A	VP													C		C			cf.		3				R	R

Table T2 (continued).

Biozone	Age	Leg	Site	Hole	Core	Type	Section	S. Top (cm)	S. Bot (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	*Sphenolithus abies-neoabies*	*Sphenolithus tintinnabulum*	*Tetralithoides symeonidesii*	*Thoracosphaera* sp.	*Triquetrorhabdulus carinatus*	*Triquetrorhabdulus* sp.
	Pleistocene	177	1090	B	5	H	5	30	30	38.7	42.31	A	G						
		177	1090	B	5	H	5	130	130	39.7	43.31	A	G						
NN19		177	1090	B	5	H	6	30	30	41.2	43.81	A	G						
		177	1090	B	5	H	6	130	130	42.2	44.81	A	G						
		177	1090	B	6	H	1	30	30	42.5	44.1	A	M						
		177	1090	B	6	H	1	130	130	43.5	45.1	A	M						
		177	1090	B	6	H	2	130	130	45	46.6	A	M						
NN18		177	1090	B	6	H	3	130	130	46.5	48.1	A	M						
		177	1090	B	6	H	4	130	130	48	49.6	A	M						
		177	1090	B	6	H	5	130	130	49.5	51.1	A	M						
	Pliocene	177	1090	B	6	H	6	130	130	51	52.6	A	P						
		177	1090	B	6	H	7	30	30	51.5	53.1	A	M						
		177	1090	B	6	H	CC	9	14	51.84	53.44	A	M						
		177	1090	B	7	H	CC	12	17	59.29	65.59	A	M						
		177	1090	B	8	H	1	30	30	61.5	65.21	A	M						
NN12-NN17		177	1090	B	8	H	1	120	120	62.4	66.11	A	P						
		177	1090	B	8	H	2	30	30	63	66.71	A	M						
		177	1090	B	8	H	2	140	140	64.1	67.81	A	M						
		177	1090	B	8	H	3	30	30	64.5	68.21	A	P						
		177	1090	B	8	H	4	30	30	66	69.71	A	M						
		177	1090	B	8	H	4	139	139	67.09	70.8	A	M						
?		177	1090	B	8	H	5	30	30	67.5	71.21	A	VP						
		177	1090	B	8	H	5	140	140	68.6	72.31	R	VP						
		177	1090	B	8	H	6	30	30	69	72.71	F	VP						
		177	1090	B	8	H	CC	18	23	69.63	73.34	F	P						
		177	1090	B	9	H	3	140	140	75.1	78.79	A	P						
		177	1090	B	9	H	4	30	30	75.5	79.19	F	VP						
		177	1090	B	9	H	4	138	138	76.58	80.27	A	VP						
?	Miocene	177	1090	B	9	H	5	30	30	77	80.69	A	VP						
		177	1090	B	9	H	5	140	140	78.1	81.79	C	VP				1		
		177	1090	B	9	H	6	30	30	78.5	82.19	A	P	3			R		
		177	1090	B	9	H	6	140	140	79.6	83.29	A	VP	R					
		177	1090	B	9	H	7	10	10	79.8	83.49	A	VP				R	cf.	
		177	1090	B	9	H	CC	13	18	79.99	83.68	F	P						
		177	1090	B	10	H	1	140	140	81.6	86.17	A	P				R		
NN3		177	1090	B	10	H	2	140	140	83.1	87.67	A	P	F					1
		177	1090	B	10	H	3	140	140	84.6	89.17	A	VP	1	?			1?	

Table T2 (continued).

Biozone	Age	Leg	Site	Hole	Core	Type	Section	S. Top (cm)	S. Bot (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	*Amaurolithus delicatus*	*Calcidiscus* cf. *C. radiatus*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus* sp.	*Calcidiscus tropicus*	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Coronocyclus* sp.	*Cyclicargolithus abisectus*	*Cyclicargolithus floridanus*	*Dictyococcites antarticus*	*Dictyococcites* spp. (<5 µm)	*Discoaster adamanteus*	*Discoaster asymmetricus*	*Discoaster* cf. *D. berggrenii*	*Discoaster brouweri*	*Discoaster decorus*	*Discoaster deflandrei* gr.	*Discoaster intercalaris*	*Discoaster pentaradiatus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster tamalis*	*Discoaster tristiliifer*
?		177	1090	B	10	H	4	130	130	86	90.57	A	VP								A			A			C					A			VA			
		177	1090	B	10	H	CC	19	24	88.41	92.98	C	P								R			F								F						
		177	1090	B	11	H	1	30	30	90	93.99	C	VP			RR		RR			F			R			A					F			VA			
		177	1090	B	11	H	2	30	30	91.5	95.49	C	VP					RR			C			C			F					F			C			
		177	1090	B	11	H	3	30	30	93	96.99	C	VP								C		1	R			F					F			A			
		177	1090	B	11	H	4	30	30	94.5	98.49	A	VP					1			A			C			C					A			A			
		177	1090	B	11	H	5	30	30	96	99.99	A	VP								C			C			F					C			A			
		177	1090	B	11	H	6	30	30	96.9	100.89	B																										
		177	1090	B	11	H	6	130	130	97.9	101.89	C	VP					1		R	C	R		R								R						
		177	1090	B	11	H	7	90	90	99	102.99	A	P							1	C			R			R											
		177	1090	B	11	H	CC	10	15	99.16	103.15	F	P											F								F						
		177	1090	B	12	H	1	30	30	99.5	103.17	A	P							R	C	R		R	VA		R					R			V			
		177	1090	B	12	H	2	30	30	101	104.67	A	P							R	C	R		F	A		R					R			R			
		177	1090	B	12	H	3	130	130	103.5	107.17	A	P					RR		F	A	R		C	A		R								R			
		177	1090	B	12	H	4	130	130	105	108.67	A	VP							F	A	R		C	C		R					R			R			
		177	1090	B	12	H	5	130	130	106.5	110.17	C	VP							F	A	F		R	C										R			
		177	1090	B	12	H	6	130	130	108	111.67	A	VP					R			A	R		R	C							R			R			
NN2	Miocene	177	1090	B	12	H	CC	6	11	108.89	112.56	A	M							F				C														
		177	1090	B	13	H	1	40	40	109	114.51	A	VP							R	C	R	r	VA	RR							R			R			
		177	1090	B	13	H	2	30	30	110.5	115.91	C	VP							F	F	R		C	RR		RR					R			R			
		177	1090	B	13	H	2	130	130	111.5	116.91	C	VP								R			VA								R						
		177	1090	B	13	H	3	130	130	113	118.41	R	VP											VA			R					R			R			
		177	1090	B	13	H	4	130	130	114.5	119.91	B																										
		177	1090	B	13	H	5	130	130	116	121.41	C	VP								R			VA								R						
		177	1090	B	13	H	6	90	90	117.1	122.51	R	VP								RR			VA								RR						
		177	1090	B	13	H	CC	0	5	117.12	122.53	B																										
		177	1090	B	14	H	1	30	30	118.5	122.15	F	VP								R			VA								R						
		177	1090	B	14	H	2	30	30	120	123.65	F	VP								R			VA			R					R						
		177	1090	B	14	H	3	30	30	121.5	125.15	A	VP								R			VA														
		177	1090	B	14	H	4	30	30	123	126.65	C	VP								R			VA								RR			RR			
		177	1090	B	14	H	4	130	130	124	127.65	C	VP								R			VA								R			R			
		177	1090	B	14	H	5	30	30	124.5	128.15	C	VP											VA			RR					RR			R			
		177	1090	B	14	H	5	130	130	125.5	129.15	A	VP								C			VA			RR					RR						
		177	1090	B	14	H	6	30	30	126	129.65	C	VP								F			VA														
		177	1090	B	14	H	CC	0	5	127.51	131.16	C	P								A			C														

Table T2 (continued).

Biozone	Age	Leg	Site	Hole	Core	Type	Section	S. Top (cm)	S. Bot (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	*Discoaster variabilis* gr.	*Gephyrocapsa* medium (4–5.5 µm)	*Gephyrocapsa* small	*Helicosphaera carteri*	*Helicosphaera neogranulata*	*Helicosphaera sellii*	*Minylitha coonvallis*	*Pseudoemiliania lacunosa* (>4 µm)	*Pyrocyclus* sp.	*Reticulofenestra bisecta*	*R. bisecta filewiczii*	*R. bisecta stavensis*	*Reticulofenestra* (cycles >7 µm)	*Reticulofenestra* (cycles 3–5 µm)	*Reticulofenestra* (5–7 µm)	*Reticulofenestra minuta* (<3 µm)	*Reticulofenestra minutula* (3–5 µm)	*Reticulofenestra pseudoumbilicus* (>7 µm)	*Reticulofenestra* (broken cycles)	*Sphenolithus belemnos*	*Sphenolithus cometa*	*Sphenolithus conicus*	*Sphenolithus disbelemnos*	*Sphenolithus dissimilis*	*Sphenolithus moriformis*
?		177	1090	B	10	H	4	130	130	86	90.57	A	VP													A		R							R	R	R
		177	1090	B	10	H	CC	19	24	88.41	92.98	C	P																								
		177	1090	B	11	H	1	30	30	90	93.99	C	VP										r			F				RR					RR		
		177	1090	B	11	H	2	30	30	91.5	95.49	C	VP									RR				C		RR		R						R	
		177	1090	B	11	H	3	30	30	93	96.99	C	VP													F		F		R							
		177	1090	B	11	H	4	30	30	94.5	98.49	A	VP													A				R	A					1	
		177	1090	B	11	H	5	30	30	96	99.99	A	VP								F									Fcf							
		177	1090	B	11	H	6	30	30	96.9	100.89	B																									
		177	1090	B	11	H	6	130	130	97.9	101.89	C	VP													R		A			A						R
		177	1090	B	11	H	7	90	90	99	102.99	A	P													R	A	A						cf.			
		177	1090	B	11	H	CC	10	15	99.16	103.15	F	P														C	C									
		177	1090	B	12	H	1	30	30	99.5	103.17	A	P														C	A								1cf.	RR
		177	1090	B	12	H	2	30	30	101	104.67	A	P										1				A	A						RR			
		177	1090	B	12	H	3	130	130	103.5	107.17	A	P														A	F	RR							cf.	R
		177	1090	B	12	H	4	130	130	105	108.67	A	VP														A	A									
		177	1090	B	12	H	5	130	130	106.5	110.17	C	VP														A	A	C	Rcf.							R
		177	1090	B	12	H	6	130	130	108	111.67	A	VP														A	A									
NN2	Miocene	177	1090	B	12	H	CC	6	11	108.89	112.56	A	M																								
		177	1090	B	13	H	1	40	40	109	114.51	A	VP									RR				cf.	F		R								
		177	1090	B	13	H	2	30	30	110.5	115.91	C	VP																								
		177	1090	B	13	H	2	130	130	111.5	116.91	C	VP									RR															
		177	1090	B	13	H	3	130	130	113	118.41	R	VP																								
		177	1090	B	13	H	4	130	130	114.5	119.91	B																									
		177	1090	B	13	H	5	130	130	116	121.41	C	VP																								
		177	1090	B	13	H	6	90	90	117.1	122.51	R	VP																								
		177	1090	B	13	H	CC	0	5	117.12	122.53	B																									
		177	1090	B	14	H	1	30	30	118.5	122.15	F	VP																								
		177	1090	B	14	H	2	30	30	120	123.65	F	VP																								
		177	1090	B	14	H	3	30	30	121.5	125.15	A	VP									R															
		177	1090	B	14	H	4	30	30	123	126.65	C	VP																								
		177	1090	B	14	H	4	130	130	124	127.65	C	VP																								
		177	1090	B	14	H	5	30	30	124.5	128.15	C	VP																								
		177	1090	B	14	H	5	130	130	125.5	129.15	A	VP																								
		177	1090	B	14	H	6	30	30	126	129.65	C	VP																								
		177	1090	B	14	H	CC	0	5	127.51	131.16	C	P																								

Table T2 (continued).

Biozone	Age	Leg	Site	Hole	Core	Type	Section	S. Top (cm)	S. Bot (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	*Sphenolithus abies-neoabies*	*Sphenolithus tintinnabulum*	*Tetralithoides symeonidesii*	*Thoracosphaera* sp.	*Triquetrorhabdulus carinatus*	*Triquetrorhabdulus* sp.
?		177	1090	B	10	H	4	130	130	86	90.57	A	VP	F					
		177	1090	B	10	H	CC	19	24	88.41	92.98	C	P						
		177	1090	B	11	H	1	30	30	90	93.99	C	VP						
		177	1090	B	11	H	2	30	30	91.5	95.49	C	VP	R					
		177	1090	B	11	H	3	30	30	93	96.99	C	VP						
		177	1090	B	11	H	4	30	30	94.5	98.49	A	VP	RR					
		177	1090	B	11	H	5	30	30	96	99.99	A	VP						1
		177	1090	B	11	H	6	30	30	96.9	100.89	B							
		177	1090	B	11	H	6	130	130	97.9	101.89	C	VP				1		1
		177	1090	B	11	H	7	90	90	99	102.99	A	P	1					
		177	1090	B	11	H	CC	10	15	99.16	103.15	F	P						
		177	1090	B	12	H	1	30	30	99.5	103.17	A	P						
		177	1090	B	12	H	2	30	30	101	104.67	A	P						1
		177	1090	B	12	H	3	130	130	103.5	107.17	A	P	RR					1
		177	1090	B	12	H	4	130	130	105	108.67	A	VP	R					1
		177	1090	B	12	H	5	130	130	106.5	110.17	C	VP						
		177	1090	B	12	H	6	130	130	108	111.67	A	VP				1		
NN2	Miocene	177	1090	B	12	H	CC	6	11	108.89	112.56	A	M						
		177	1090	B	13	H	1	40	40	109	114.51	A	VP	1					
		177	1090	B	13	H	2	30	30	110.5	115.91	C	VP						
		177	1090	B	13	H	2	130	130	111.5	116.91	C	VP						
		177	1090	B	13	H	3	130	130	113	118.41	R	VP						
		177	1090	B	13	H	4	130	130	114.5	119.91	B							
		177	1090	B	13	H	5	130	130	116	121.41	C	VP						
		177	1090	B	13	H	6	90	90	117.1	122.51	R	VP						
		177	1090	B	13	H	CC	0	5	117.12	122.53	B							
		177	1090	B	14	H	1	30	30	118.5	122.15	F	VP						
		177	1090	B	14	H	2	30	30	120	123.65	F	VP						
		177	1090	B	14	H	3	30	30	121.5	125.15	A	VP						
		177	1090	B	14	H	4	30	30	123	126.65	C	VP						
		177	1090	B	14	H	4	130	130	124	127.65	C	VP						
		177	1090	B	14	H	5	30	30	124.5	128.15	C	VP						
		177	1090	B	14	H	5	130	130	125.5	129.15	A	VP						
		177	1090	B	14	H	6	30	30	126	129.65	C	VP						
		177	1090	B	14	H	CC	0	5	127.51	131.16	C	P						

Table T2 (continued).

Biozone	Age	Leg	Site	Hole	Core	Type	Section	S. Top (cm)	S. Bot (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	*Amaurolithus delicatus*	*Calcidiscus* cf. *C. radiatus*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus* sp.	*Calcidiscus tropicus*	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Coronocyclus* sp.	*Cyclicargolithus abisectus*	*Cyclicargolithus floridanus*	*Dictyococcites antarticus*	*Dictyococcites* spp. (<5 µm)	*Discoaster adamanteus*	*Discoaster asymmetricus*	*Discoaster* cf. *D. berggrenii*	*Discoaster brouweri*	*Discoaster decorus*	*Discoaster deflandrei* gr.	*Discoaster intercalaris*	*Discoaster pentaradiatus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster tamalis*	*Discoaster tristiliifer*
NN1	Miocene	177	1090	B	15	H	1	30	30	128	134.49	A	P								VA	F		A								R			RR			
		177	1090	B	15	H	1	130	130	129	135.49	A	P								VA	R	R	A			RR					RR						
		177	1090	B	15	H	2	30	30	129.5	135.99	A	VP								A	cf.		VA								R						
		177	1090	B	15	H	2	130	130	130.5	136.99	A	VP							1	A			VA								R			R			
		177	1090	B	15	H	3	30	30	131	137.49	A	VP								VA	R		A								1						
		177	1090	B	15	H	3	130	130	132	138.49	C	VP								A	R		VA														
		177	1090	B	15	H	4	30	30	132.5	138.99	A	VP								A	RR	R	A														
		177	1090	B	15	H	4	130	130	133.5	139.99	A	VP					RR			A	RR	R	A														
		177	1090	B	15	H	5	30	30	134	140.49	A	VP					R			VA	R	R	F		F						R						
		177	1090	B	15	H	5	130	130	135	141.49	A	VP								C	R	R	VA	RR							RR						
		177	1090	B	15	H	6	30	30	135.5	141.99	A	P							1	F		R	A			1					R						
		177	1090	B	15	H	6	100	100	136.2	142.69	A	P							1	C		R	A	C										R			
		177	1090	B	15	H	CC	0	10	136.73	143.22	A	P										F	C								C						

Notes: Abundance: VA = very abundant, A = abundant, C = common, F = few, R = rare, RR = very rare, B = barren. Preservation: G = good, M = moderate, P = poor. r = reworked. Zonation is by Martini (1971). This table is also available in **ASCII format.**

Table T2 (continued).

Biozone	Age	Leg	Site	Hole	Core	Type	Section	S. Top (cm)	S. Bot (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	*Discoaster variabilis* gr.	*Gephyrocapsa* medium (4–5.5 µm)	*Gephyrocapsa* small	*Helicosphaera carteri*	*Helicosphaera neogranulata*	*Helicosphaera sellii*	*Minylitha coonvallis*	*Pseudoemiliania lacunosa* (>4 µm)	*Pyrocyclus* sp.	*Reticulofenestra bisecta*	*R. bisecta filewiczii*	*R. bisecta stavensis*	*Reticulofenestra* (cycles >7 µm)	*Reticulofenestra* (cycles 3–5 µm)	*Reticulofenestra* (5–7 µm)	*Reticulofenestra minuta* (<3 µm)	*Reticulofenestra minutula* (3–5 µm)	*Reticulofenestra pseudoumbilicus* (>7 µm)	*Reticulofenestra* (broken cycles)	*Sphenolithus belemnos*	*Sphenolithus cometa*	*Sphenolithus conicus*	*Sphenolithus disbelemnos*	*Sphenolithus dissimilis*	*Sphenolithus moriformis*
		177	1090	B	15	H	1	30	30	128	134.49	A	P														R	F			cf.							R
		177	1090	B	15	H	1	130	130	129	135.49	A	P														R	RR		R	1							R
		177	1090	B	15	H	2	30	30	129.5	135.99	A	VP																									
		177	1090	B	15	H	2	130	130	130.5	136.99	A	VP									1																
		177	1090	B	15	H	3	30	30	131	137.49	A	VP									R				R		R	C									
		177	1090	B	15	H	3	130	130	132	138.49	C	VP									RR																
NN1	Miocene	177	1090	B	15	H	4	30	30	132.5	138.99	A	VP														C											
		177	1090	B	15	H	4	130	130	133.5	139.99	A	VP											1	1			R	VA									
		177	1090	B	15	H	5	30	30	134	140.49	A	VP											2	3		R		A									
		177	1090	B	15	H	5	130	130	135	141.49	A	VP									RR	1	1	1				RR			F						
		177	1090	B	15	H	6	30	30	135.5	141.99	A	P	R									2	1	1	1		RR										
		177	1090	B	15	H	6	100	100	136.2	142.69	A	P										1		1	R		C										
		177	1090	B	15	H	CC	0	10	136.73	143.22	A	P																									

Table T2 (continued).

Biozone	Age	Leg	Site	Hole	Core	Type	Section	S. Top (cm)	S. Bot (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	*Sphenolithus abies-neoabies*	*Sphenolithus tintinnabulum*	*Tetralithoides symeonidesii*	*Thoracosphaera* sp.	*Triquetrorhabdulus carinatus*	*Triquetrorhabdulus* sp.
		177	1090	B	15	H	1	30	30	128	134.49	A	P	R				2	
		177	1090	B	15	H	1	130	130	129	135.49	A	P	R		R		R	
		177	1090	B	15	H	2	30	30	129.5	135.99	A	VP					RR	
		177	1090	B	15	H	2	130	130	130.5	136.99	A	VP					RR	
		177	1090	B	15	H	3	30	30	131	137.49	A	VP	RR				R	
		177	1090	B	15	H	3	130	130	132	138.49	C	VP						
NN1	Miocene	177	1090	B	15	H	4	30	30	132.5	138.99	A	VP						
		177	1090	B	15	H	4	130	130	133.5	139.99	A	VP						
		177	1090	B	15	H	5	30	30	134	140.49	A	VP					R	
		177	1090	B	15	H	5	130	130	135	141.49	A	VP					R	
		177	1090	B	15	H	6	30	30	135.5	141.99	A	P						
		177	1090	B	15	H	6	100	100	136.2	142.69	A	P				1	?	
		177	1090	B	15	H	CC	0	10	136.73	143.22	A	P						