Table 4. Calcareous nannofossils in Hole 976B.

Table 4 — HOLE 976B

| Series | | Zone | Core-section, Interval (cm) | Abundance | Preservation | Amaurolithus delicatus | Amaurolithus primus | Braarudosphaera bigelowii | Calcidiscus leptoporus | Calcidiscus macintyrei | Calcidiscus tropicus | Ceratolithus rugosus | Coccolithus miopelagicus | Coccolithus pelagicus | Coccolithus streckerii | Cryptococcolithus mediaperforatus | Cyclicargolithus floridanus | Dictyococcites perplexus | Dictyococcites productus | Discoaster adamanteus | Discoaster asymmetricus | Discoaster bollii | Discoaster brouweri | Discoaster calcaris | Discoaster challengeri | Discoaster decorus | Discoaster exilis | Discoaster intercalaris | Discoaster kugleri | Discoaster neorectus | Discoaster pansus | Discoaster pentaradiatus | Discoaster surculus | Discoaster triradiatus | Discoaster variabilis | Geminilithella rotula | Geminilithella subtilis | Gephyrocapsa spp. (small) | Havaster aperta | Helicosphaera carteri | Helicosphaera intermedia | Helicosphaera orientalis | Helicosphaera pacifica | Helicosphaera paleocarteri | Helicosphaera s. stalis | Helicosphaera s. ovata | Helicosphaera sellii | Helicosphaera walbersdorfensis | Hughesius gizoensis | Lithostromation operosum | Lithostromation perdurum | Pontosphaera indooceanica | Pontosphaera japonica | Pontosphaera multipora | Pseudoemiliania lacunosa - C | Pseudoemiliania lacunosa - E | Pyrocyclus hermosus | Reticulofenestra gelida | Reticulofenestra minuta | Reticulofenestra minutula s.l. | Reticulofenestra pseudoumbilicus | Reticulofenestra rotaria | Rhabdosphaera claviger | Rhabdosphaera procera | Scapholithus fossilis | Scyphosphaera spp. | Sphenolithus abies | Sphenolithus neoabies | Syracosphaera? fragilis | Syracosphaera histrica | Syracosphaera pulchra | Tetralithoides symonidesii | Thoracosphaera albatrosiana | Thoracosphaera heimi | Thoracosphaera saxea | Umbilicosphaera jafari | Umbilicosphaera mirabilis | Umbilicosphaera sibogae | Reworked Cretaceous spp. | Reworked Paleogene spp. | Reworked Neogene spp. |
|---|---|---

Table 4

HOLE 976B

Series		Zone	Core-section Interval (cm)	Abundance	Preservation	Amaurolithus delicatus	Amaurolithus primus	Braarudosphaera bigelowii	Calcidiscus leptoporus	Calcidiscus macintyrei	Calcidiscus tropicus	Ceratolithus rugosus	Coccolithus miopelagicus	Coccolithus pelagicus	Coccolithus streckerii	Cryptococcolithus mediaperforatus	Cyclicargolithus floridanus	Dictyococcites perplexus	Dictyococcites productus	Discoaster adamanteus	Discoaster asymmetricus	Discoaster bollii	Discoaster brouweri	Discoaster calcaris	Discoaster challengeri	Discoaster decorus	Discoaster exilis	Discoaster intercalaris	Discoaster kugleri	Discoaster neorectus	Discoaster pansus	Discoaster pentaradiatus
Pleist.		NN19B																														
Pliocene	upper	NN19A	39X-3, 22-23	F	M-G				C					C																		
			39X-CC,	F	M-G				R					R																		
			40X-1, 20-21	F	M					R				F																		
			40X-CC	R	M				R	R																						
			41X-CC	F	M				R					R																		
			44X-2, 20-21	F	M-G				F	F				C																		
			44X-CC	C	M-G				R	F				F																		
			46X-CC	C	G				F	F				F																		
			47X-3, 21-22	F	M-G				F	F				C					F													
			47X-CC	R	M									V																		
			48X-2, 20-21	C	M				R	F				F				R														
			48X-CC	F	M				R					R																		
		NN18	49X-CC	A	G				C	C				F				R	R				S									
			50X-CC	A	M-G			S	C	C				C							S		V									
			51X-1, 20-22	C	M					R				C					R													
			51X-CC	A	G					F		S		F				R	F				S									
			52X-1, 23-24	C	M									F				R	R													
			52X-CC	A	M				C	F				F									S									S
			53X-2, 19-20	A	M-G				F	F				C																		
			53X-CC	A	M				C	F				C					F				V									
			54X-CC	A	M				C	R				F				R					S									
			55X-CC	A	M				C	F				F					F													
	lower	NN12	56X-1, 18-19	A	M				F	F				C				F	F				R									
			56X-3, 20-21	A	G				F					C				F	F				F									F
			56X-CC	A	M-G				A					C				F					F									F
			57X-3, 20-21	A	G	R				R				C				F	R	R			R									R
			57X-CC	A	G				C	F				C					C				S			R						F
			58X-3, 13-14	C	M-G				R	R				C				C	F				R								R	R
			58X-CC	A	M-G	V			F	R				C					F				R									R
			59X-3, 20-21	A	M				F	F				C				F	F													
			59X-CC	A	M-G	S			F	R			S	C				F	F				R							S		R
			60X-3, 19-20	C	M-G				R	R				C				C	F				R									R
			60X-CC	A	M-G				C	F			S	C				F	A						R							R
			61X-3, 21-22	C	M	R			R	R				C				C	F				R		R							
			61X-7, 71-73	A	M-G				F	F				F				F	F													
Miocene	upper	NN11	61X-CC	C	M-G				C	F			R	C		S		F	F				R									
			63X-CC, 21-22	A	G					R				C				F	A													
			62X-CC	A	M				F					C									R									
			63X-3, 19-20	A	M									C					A				R									
			63X-CC	A	G			R	F					C					F				R									R
			64X-3, 20-21	C	M				F	F				C		S		F	A													
			64X-CC	A	M-G				C	R			V	C	R	R							S									R
			65X-3, 20-21	A	G				F	F			R	C				F	A													
			65X-CC	A	M-G				C	R	S		R	C		F			C													R
			66X-3, 20-21	A	M				F	R			R	C				R	A				R									R
			66X-CC	A	M-G				A	R				A		F			C					S								
			67X-3, 20-21	A	M-G				C	F			R	C			F		A				V					V				
			67X-CC	A	M				F					C		C																
			68X-CC	A	G		S		C	F			R	C		F	R		A				S		S							V
			69X-1, 21-22	A	G				R				R	C		R	R	R														
			69X-CC	A	M-G				F	F				C	F	C	R		F				S				S					
	middle	NN8	70X-3, 21-22	C	M-G				F	F			R	C			F		C				R									
			70X-CC	C	M				F	R			F	C									R									
			71X-3, 21-22	C	M				F				R	C		R			C				V									
		NN7	71X-4, 21-22	C	M-G				F				R	C					R				R						S			
			71X-CC	A	M-G				C	R			R	C	R	F	R		F			R	S		S		R		F			
			72X-3, 21-22	B																												
			72X-CC	F	P				C	F			R	R			C															
			73X-1, 0-4	B	P									R																		
			74X-1, 0-6	C	P				S				F	C			F															
			75R-1, 1-5	A	M-G				R	R				A		R	R										S					
			75R-1, 16-17	F	M					R			R	R			R															

Table 4

HOLE 976B

Series		Zone	Core-section Interval (cm)	Abundance	Preservation	Discoaster surculus	Discoaster tiradiatus	Discoaster variabilis	Geminilithella rotula	Geminilithella subtilis	Gephyrocapsa spp. (small)	Hayaster aperta	Helicosphaera carteri	Helicosphaera intermedia	Helicosphaera orientalis	Helicosphaera pacifica	Helicosphaera paleocarteri	Helicosphaera s. stalis	Helicosphaera s. ovata	Helicosphaera sellii	Helicosphaera walbersdorfensis	Hughesius gizoensis	Lithostromation perdurum	Pontosphaera indooceanica	Pontosphaera japonica	Pontosphaera multipora	Pseudoemiliania lacunosa - C	Pseudoemiliania lacunosa - E	Pyrocyclus hermosus	Reticulofenestra gelida
Pleist.		NN19B																												
Pliocene	upper	NN19A	39X-3, 22-23	F	M-G						A		F							F							F	F		
			39X-CC,	F	M-G						F									R							R	R		
			40X-1, 20-21	F	M						F		R							F							F			
			40X-CC	R	M						R																			
			41X-CC	F	M						R															R	F		
			44X-2, 20-21	F	M-G						C		F							F							F	F		
			44X-CC	C	M-G						F		R							F				R				F		
			46X-CC	C	G						C		R							F				F			F	C		
			47X-3, 21-22	F	M-G						C		F							F							F	F		
			47X-CC	R	M						R									F								C		
			48X-2, 20-21	C	M						C																F	F		
			48X-CC	F	M						R									S								C		
		NN18	49X-CC	A	G						A		F							F			S	R	R			C		
			50X-CC	A	M-G		S				F		C										C	F	F				R	
			51X-1, 20-22	C	M						C									F								F		
			51X-CC	A	G						A		F							F					F					
			52X-1, 23-24	C	M						C		R															F		
			52X-CC	A	M								F							F				R	F			F		
			53X-2, 19-20	A	M-G								F							C								F	V	
			53X-CC	A	M						A		F							F				F	F			C		
			54X-CC	A	M						F		C							C								C		
			55X-CC	A	M						A		C							C					F					
	lower	NN12	56X-1, 18-19	A	M			R					F																	
			56X-3, 20-21	A	G			R			C		F																	
			56X-CC	A	M-G								F							S					F					
			57X-3, 20-21	A	G			R					F																	
			57X-CC	A	G			R					F												R					
			58X-3, 13-14	C	M-G			R			R		F													R				
			58X-CC	A	M-G			F					F																	
			59X-3, 20-21	A	M								F																	
			59X-CC	A	M-G			F					F												R					
			60X-3, 19-20	C	M-G				R		F		F																	
			60X-CC	A	M-G		R	C			F		F	R										R						
			61X-3, 21-22	C	M	R					F																			
			61X-7, 71-73	A	M-G			R			F		F																	R
Miocene	upper	NN11	61X-CC	C	M-G	R		R	R		F		R										R					R		
			62X-CC, 21-22	A	G			R	R		F			R																
			62X-CC	A	M			R																						
			63X-3, 19-20	A	M			R			F		F	R																
			63X-CC	A	G								F	F				R					S			R				
			64X-3, 20-21	C	M			R			F			F																
			64X-CC	A	M-G			R	F	R			F	R	F		R	C				S	S			R		R		
			65X-3, 20-21	A	G			R						F																
			65X-CC	A	M-G			F	F				F	R			R	R			V		S			F				
			66X-3, 20-21	A	M			R					R	F												R				
			66X-CC	A	M-G			R	F	R			F	F			F	C												
			67X-3, 20-21	A	M-G			R					F	F												R				
			67X-CC	A	M				F		R		C	F				F			F		S			R				
			68X-CC	A	G			R	C	R	F		C	F				R	V		R		R					R		
			69X-1, 21-22	A	G	R			R				C	F				C					R			C				
			69X-CC	A	M-G			R	C				F	F		R	R	F	R		R					R				
	middle	NN8	70X-3, 21-22	C	M-G			R					C	F												R				
			70X-CC	C	M				F					R				R					S			R				
			71X-3, 21-22	C	M			F					F	F												R				
		NN7	71X-4, 21-22	C	M-G	V								R																
			71X-CC	A	M-G			F	F			S	C	R	R	S	R	F	R		S	F	R						R	
			72X-3, 21-22	B																										
			72X-CC	F	P																									
			73X-1, 0-4	B	P																									
			74X-1, 0-6	C	P				S				R																	
			75R-1, 1-5	A	M-G			R	S														V			C				
			75R-1, 16-17	F	M					S																				

Table 4

HOLE 976B

Series		Zone	Core-section, Interval (cm)	Abundance	Preservation	Reticulofenestra minuta	Reticulofenestra minutula s.l.	Reticulofenestra pseudoumbilicus	Reticulofenestra rotaria	Rhabdosphaera claviger	Rhabdosphaera procera	Scapholithus fossilis	Scyphosphaera spp.	Sphenolithus abies	Sphenolithus neoabies	Syracosphaera? fragilis	Syracosphaera histrica	Syracosphaera pulchra	Tetralithoides symonidesii	Thoracosphaera albatrosiana	Thoracosphaera heimi	Thoracosphaera saxea	Umbilicosphaera jafari	Umbilicosphaera mirabilis	Umbilicosphaera sibogae		Reworked Cretaceous spp.	Reworked Paleogene spp.	Reworked Neogene spp.
Pleist.		NN19B																											
Pliocene	upper		39X-3, 22-23	F	M-G		C										R										F	F	
			39X-CC,	F	M-G		F																				R		
			40X-1, 20-21	F	M		F																				R		
			40X-CC	R	M																								
			41X-CC	F	M		F																				R		
			44X-2, 20-21	F	M-G		C																				F		
		NN19A	44X-CC	C	M-G		C			R		R												F			F		
			46X-CC	C	G		A										F										F		
			47X-3, 21-22	F	M-G		F																				F		
			47X-CC	R	M	R	R																				R		R
			48X-2, 20-21	C	M		C			R			R				F							R			F		
			48X-CC	F	M	R	R																						
		NN18	49X-CC	A	G		A			F		R		S			C	F					R	R			F		R
			50X-CC	A	M-G	A	C	R		F		F					C	F					C	F			F	F	
			51X-1, 20-22	C	M	C	C					R					R										F		
			51X-CC	A	G		F	S		F		F	R				F						A					F	
			52X-1, 23-24	C	M		F																				F		
			52X-CC	A	M	A	C	S		F			R	V			F	C					C		R			F	
			53X-2, 19-20	A	M-G		C			R							F										F		
			53X-CC	A	M	A	F			F		F					C	F					C	R			R		
			54X-CC	A	M		F										C						C				F	F	
	lower		55X-CC	A	M	A	C	R				R	F		R		F						R				F	F	
		NN12	56X-1, 18-19	A	M		C	C						R										F			F		R
			56X-3, 20-21	A	G	C	C	C						R			R							F					
			56X-CC	A	M-G	A	F	C					R	R									C	F			F		
			57X-3, 20-21	A	G	C	C	F					R	R			R												
			57X-CC	A	G	C	C	F		R			R	F										C			C		
			58X-3, 13-14	C	M-G	A	C	C			R			C								R		R			F		
			58X-CC	A	M-G	C	C	F					R	F			F							F			F		
			59X-3, 20-21	A	M		F	F						F															
			59X-CC	A	M-G	F	F	F				R	V	F										R			F		
			60X-3, 19-20	C	M-G	R	C	F					R	F								R	R	R					
			60X-CC	A	M-G		C	C				R	R	A						S	S		F					F	
			61X-3, 21-22	C	M	R	F	R	V		R			C													F	F	
			61X-7, 71-73	A	M-G		F						R	R													F		
			61X-CC	C	M-G	C	F	C	S					R						S							R		
Miocene			62X-CC, 21-22	A	G	R	F	F																			R		
			62X-CC	A	M	A	F	C													V						F		
			63X-3, 19-20	A	M	F	A	C							R												F	R	
			63X-CC	A	G	A	F	C																R			F	F	
			64X-3, 20-21	C	M		C	C						F									R				F	R	
		NN11	64X-CC	A	M-G	A	C	R			S			C	F			R			R		C				F		
			65X-3, 20-21	A	G	F	A							F								R					F	F	
			65X-CC	A	M-G	A	R					R		C	C								A				R		
			66X-3, 20-21	A	M	F	C	F						F								R		R			F	F	
			66X-CC	A	M-G	C	R	R			R			C	F						R		C				F		
			67X-3, 20-21	A	M-G	C	C						R	F										R			F	R	
			67X-CC	A	M		C		S			R		A							R		C				F		
			68X-CC	A	G	A	C	C	S		F	R	R	C	F				S				A	C			F	R	
			69X-1, 21-22	A	G	A	F	R						C									R				F	F	
			69X-CC	A	M-G		F	F			R	R		F	R	S							A				F		
		NN8	70X-3, 21-22	C	M-G	A	C	F					R	C									R	R			F	R	
			70X-CC	C	M		F	R						F													F		
			71X-3, 21-22	C	M	F		F						C										R			F		
			71X-4, 21-22	C	M-G	R	C	R																			F		
			71X-CC	A	M-G	A	F	C				S	S	F		S			S				A				C	R	R
		NN7	72X-3, 21-22	B																									
			72X-CC	F	P		F	R						R													R	R	
			73X-1, 0-4	B	P	S	R																						
			74X-1, 0-6	C	P		F							R													V		R
			75R-1, 1-5	A	M-G	F	C	F						C													C		
			75R-1, 16-17	F	M	F	R	R						S															