

Table T4. Calcareous nannofossil range-distribution chart and nannofossil zonation for Holes 1041A, 1041B, and 1041C. (See table notes. Continued on next four pages.)

Calcareous nannofossil zone(s)	Core, section, interval (cm)	Depth (mbsf)	Abundance	Preservation	small reticulofenestrads	<i>Emiliania huxleyi</i>	<i>Gephyrocapsa oceanica</i>	<i>Pontosphaera discopora</i>	<i>Pseudoemiliania lacunosa</i>	<i>Discoaster brouweri</i>	<i>Calcidiscus leptoporus</i>	<i>Helicosphaera carteri</i>	<i>Helicosphaera walliichi</i>	<i>Pontosphaera</i> spp.	<i>Coccolithus pelagicus</i>	<i>Helicosphaera sellii</i>	<i>Ceratolithus cristatus</i>	<i>Discoaster pentaradiatus</i>	<i>Discoaster surculus</i>	<i>Reticulofenestra pseudoumbilicus</i>	<i>Sphenolithus abies</i>	<i>Sphenolithus verensis</i>	<i>Ceratolithus rugosus</i>	<i>Ceratolithus armatus</i>	<i>Discoaster asymmetricus</i>	<i>Discoaster quinqueramus</i>	<i>Discoaster berggenii</i>	<i>Coccolithus miopelagicus</i>	<i>Cyclicargolithus floridanus</i>	<i>Discoaster deflandrei</i>	<i>Discoaster neoectus</i>	<i>Hayaster perplexus</i>	<i>Calcidiscus macintyreii</i>	<i>Discoaster intercalaris</i>	<i>Discoaster variabilis</i>	<i>Discoaster kugleri</i>	<i>Sphenolithus heteromorphus</i>	<i>Helicosphaera ampliapertura</i>	<i>Discoaster challengerii</i>	<i>Coronocyclus nitescens</i>	Unidentifiable placoliths	Unidentifiable 6-ray discoasters										
NN21–NN19	170-1041A-1H-1, 50-52	0.5	B																																																	
	1H-2, 50-52	2	C	M		C	A				C	C																																								
NN21–NN17	1H-4, 50-53	5	B																																																	
	1H-4, 125-127	5.75	B																																																	
	1H-CC	7.35	B																																																	
	2H-1, 49-52	7.89	B																																																	
	2H-1, 125-127	8.65	B																																																	
	2H-2, 50-52	9.4	B																																																	
	2H-2, 125-127	10.15	B																																																	
	2H-3, 125-127	11.65	B																																																	
	2H-5, 50-52	13.9	B																																																	
	2H-CC	14.03	F	P	C							F	F									r																														
NN18–NN17	3X-1, 50-52	14.8	B																																																	
	3X-1, 125-128	15.55	B																																																	
	3X-3, 50-53	17.8	B																																																	
	3X-3, 125-128	18.55	B																																																	
	3X-4, 126-128	20.06	B																																																	
	3X-CC	21.12	F	P				F	F		F	R			R		R																																			
	4X-1, 91-93	24.31	F	P			F	F																																												
	4X-CC	24.92	C	M				R	F		F	R					R																																			
	5X-1, 62-65	33.02	F	M									F	F				R																																		
	5X-CC	34.21	C	M	C				R	F		F	R	F			F																																			
	6X-1, 68-70	36.08	C	M																																																
	6X-3, 121-123	39.61	R	P																																																
	6X-CC	41.23	A	M	C			R		F		F	R				F																																			
	7X-2, 50-52	43.5	B																																																	
	7X-4, 125-127	47.25	F	P								F	F	F				F																																		
	7X-CC	50.7	C	M	C							F	F	F																																						
	8X-1, 54-56	51.14	C	M																																																
	8X-3, 50-52	54.1	B																																																	
	8X-5, 125-127	57.4	C	M			R	R		F				F				F																																		
	8X-CC	60.46	F	P								F		R		F																																				
9X-1, 125-127	60.85	B																																																		
9X-2, 50-52	61.6	B																																																		
9X-3, 125-127	63.85	B																																																		
9X-4, 49-51	64.59	B																																																		
9X-5, 125-127	66.85	B																																																		
9X-6, 50-53	67.6	B																																																		

Table T4 (continued).

Calcareous nannofossil zone(s)	Core, section, interval (cm)	Depth (msbf)	Abundance	Preservation	small reticulofenestrids	<i>Emiliania huxleyi</i>	<i>Gephyrocapsa oceanica</i>	<i>Pontosphaera discopora</i>	<i>Pseudoemiliania lacunosa</i>	<i>Discoaster braueri</i>	<i>Calcidiscus leptoporus</i>	<i>Helicosphaera carteri</i>	<i>Helicosphaera wallichi</i>	<i>Pontosphaera</i> spp.	<i>Coccolithus pelagicus</i>	<i>Helicosphaera sellii</i>	<i>Ceratolithus cristatus</i>	<i>Discoaster pentaradiatus</i>	<i>Discoaster surculus</i>	<i>Reticulofenestra pseudoumbilicus</i>	<i>Sphenolithus abies</i>	<i>Sphenolithus verensis</i>	<i>Ceratolithus rugosus</i>	<i>Ceratolithus armatus</i>	<i>Discoaster asymmetricus</i>	<i>Discoaster quinqueramus</i>	<i>Discoaster berggrenii</i>	<i>Coccolithus miopelagicus</i>	<i>Cyclicargolithus floridanus</i>	<i>Discoaster deflandrei</i>	<i>Discoaster neorectus</i>	<i>Hayaster perplexus</i>	<i>Calcidiscus macintyreii</i>	<i>Discoaster intercalaris</i>	<i>Discoaster variabilis</i>	<i>Discoaster kugleri</i>	<i>Sphenolithus heteromorphus</i>	<i>Helicosphaera ampliaperta</i>	<i>Discoaster challengerii</i>	<i>Coronocyclus nitescens</i>	Unidentifiable placoliths	Unidentifiable 6-ray discoasters							
Older than NN11	1R-CC	397.61	R	P																	R																												
	2R-1, 50-52	405.2	B																																														
	2R-2, 125-127	406.85	B																																														
	2R-CC	407.51	F	P	F																	F																											
	3R-1, 12-15	414.32	B																																														
3R-CC	415.54	A	P	C							F										C																												
		Cruciplacolithus primus (early to late Paleocene) observed in Core 170-1041A-4X-CC																																															
		Micula murus (Maastrichtian) observed in Core 170-1041B-19R-CC.																																															

Notes: Abundance: H = highly abundant; V = very abundant; A = abundant; C = common; F = few; R = rare; r = rare reworked; B = barren. Preservation: P = poor; M = moderate; G = good.