

J. Li
NEOGENE CALCAREOUS NANNOFOSSIL BIOSTRATIGRAPHY

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Nannofossil zone/subzone	Age	Core, section interval (cm)	Depth (mbsf)	Preservation	Group abundance	Anaerolithus delicatus Braarudosphaera bigelowii Calcidiscus floridanus Calcidiscus leptoporus Calcidiscus macintyreii Catinaster coaltius Ceratalithus acutus Ceratalithus cristatus Ceratalithus rugosus Ceratalithus simplex Coccolithus pelagicus Discoaster cf. adamanteus Discoaster asymmetricus Discoaster berggrenii Discoaster brouweri Discoaster deflandrei Discoaster exilis Discoaster intercalaris Discoaster pentaradiatus Discoaster quinqueramus Discoaster surculus Discoaster tamalis Discoaster variabilis Discoaster spp. Gephyrocapsa caribbeanica Gephyrocapsa oceanica Gephyrocapsa parallela Gephyrocapsa spp. (small) Helicosphaera carteri Helicosphaera wallichii Helicosphaera sellii Minylitha convallis Pontosphaera Pseudoemiliania lacunosa Reticulolenestra gelida Reticulolenestra pseudumbilicus Reticulolenestra spp. (small) Rhaddosphaera clovigerata Sphenolithus Umbilicosphaera sibogae Syracosphaera pulchra Reworked?												
CN12a	Pliocene	15R-3, 75–76	202.95	M	V		C R		F	F			R F			C	A	
		15R-5, 10–11	205.30		R						R							
		15R-5, 76–77	205.96	B														
		15R-6, 10–11	206.80	B														
		15R-7, 10–11	208.30	M	V		C C	R	C	F	F					C	V	
		15R-CC	208.87	M	V		C F		A	F	F				F	F	C	V
		16R-1, 75–76	209.65	P	A		C F		F							C	A	
		16R-3, 75–76	212.65	P	V		C F		C	F	F			F		C	V	
		16R-5, 75–76	215.65	B				R										
		16R-7, 10–11	218.00	B														
		16R-CC	218.64	P	F													
		17R-1, 75–76	219.25	B													F	
		17R-3, 75–76	222.25	B														
		17R-CC	222.75	B														
		18R-1, 75–76	228.85	M	A		C F		C		F						C	C A
		18R-3, 75–76	231.85	G	V		C R		C		F		R		F		F	C V
		18R-75–76	234.85	P	C		C				F		F				F	F C
		18R-7, 10–11	237.20	P	C		C		F	R	R			F			F	C
		18R-CC	237.89	G	A		C F		F	R	R	F		F			F	A A
		19R-1, 75–76	238.45	M	C		F		F	F	F			F			F	F
		19R-3, 75–76	241.45	B														
		19R-5, 75–76	244.45	B														
		19R-CC	244.96	B														
		20R-1, 75–76	248.05	B														
		20R-3, 75–76	251.05	B														
		20R-CC	252.50	P	A		C F	R			F		F	R	F		F	A
		21R-1, 75–76	257.65	B														
		21R-3, 75–76	260.65	B														
		21R-5, 75–76	263.65	M	C		F		F		F		F				C	C
		21R-7, 10–11	266.00	M	V				F	F	F		F		R		C	A V
		21R-CC	266.69	M	A		C C	R	F	F	F		F		R	F	F	C C
		22R-1, 75–76	267.35	P	A		C							R	R		F	C C
		22R-3, 75–76	270.35	P	C					R	C			F	R		F	C
		22R-5, 75–76	273.35	B														
		22R-CC	276.14	P	C		C F	R	C		F		F	F			F	C
		23R-1, 75–76	276.95	B														
		23R-3, 75–76	279.95	B														

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Table T6 (continued).

Nannofossil zone/subzone	Age	Core, section interval (cm)	Depth (mbsf)	Preservation	Group abundance	<i>Amaurolithus delicatus</i> <i>Braarudosphaera bigelowii</i> <i>Calcidiscus floridanus</i> <i>Calcidiscus leptoporus</i> <i>Calcidiscus macintyreii</i> <i>Catinaster coarctatus</i> <i>Ceratolithus acutus</i> <i>Ceratolithus cristatus</i> <i>Ceratolithus rugosus</i> <i>Ceratolithus simplex</i> <i>Coccolithus pelagicus</i> <i>Discoaster cf. adamanteus</i> <i>Discoaster asymmetricus</i> <i>Discoaster berggrenii</i> <i>Discoaster brouweri</i> <i>Discoaster dellandrei</i> <i>Discoaster exilis</i> <i>Discoaster intercalaris</i> <i>Discoaster pentaradiatus</i> <i>Discoaster quinqueramus</i> <i>Discoaster surculus</i> <i>Discoaster tamalis</i> <i>Discoaster variabilis</i> <i>Discoaster</i> spp. <i>Gephyrocapsa caribbeanica</i> <i>Gephyrocapsa oceanica</i> <i>Gephyrocapsa parallela</i> <i>Gephyrocapsa</i> spp. (small) <i>Helicosphaera carteri</i> <i>Helicosphaera wallichii</i> <i>Helicosphaera sellii</i> <i>Minylitha convallis</i> <i>Pontosphaera</i> <i>Pseudoemiliania lacunosa</i> <i>Reticulofenestra gelida</i> <i>Reticulofenestra pseudoumbilicus</i> <i>Reticulofenestra</i> spp. (small) <i>Rhabdosphaera clavigera</i> <i>Sphenolithus</i> <i>Umbilicosphaera sibogae</i> <i>Syracosphaera pulchra</i> Reworked?
		104R-3, 75–76	1059.35		B	
		104R-CC	1061.21		B	
		105R-1, 75–76	1066.05		B	
		105R-3, 75–76	1069.05		B	
		105R-5, 75–76	1072.06		B	
		105R-CC	1074.44		B	
		106R-1, 75–76	1075.75		B	
		106R-3, 75–76	1078.75		B	
		106R-5, 75–76	1081.75		B	
		106R-CC	1083.11		B	
		107R-1, 125–126	1085.85		B	
		107R-3, 70–71	1088.18		B	
		107R-5, 82–83	1090.86		B	
?		107R-CC	1093.97	p	C	C
		108R-1, 72–73	1095.02		B	
		108R-3, 66–67	1097.96		B	
		108R-5, 66–67	1100.79		B	
		108R-7, 9–10	1102.92		B	
?		108R-CC	1104.08	P	C	C
		109R-1, 69–70	1104.59		B	
		109R-3, 72–73	1107.52		B	
		109R-5, 78–79	1110.26		B	
		109R-7, 74–75	1113.22		B	
		109R-CC, 10–13	1113.46		B	