

Table T4. Nannofossil range chart, Hole 1150B. (See table notes. Continued on next two pages.)

Nannofossil zone/subzone	Age	Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	<i>Amaurolithus amplifolius</i>	<i>Amaurolithus delicatus</i>	<i>Calcidiscus leptoporus</i>	<i>Calcidiscus macintyreii</i>	<i>Catinaster coaditus</i>	<i>Ceratolithus telesmus</i>	<i>Coccolithus pelagicus</i>	<i>Discoaster bellus</i>	<i>Discoaster berggrenii</i>	<i>Discoaster brouweri</i>	<i>Discoaster challengeri</i>	<i>Discoaster exilis</i>	<i>Discoaster pentaradiatus</i>	<i>Discoaster quinqueramus</i>	<i>Discoaster tamalis</i>	<i>Discoaster variabilis</i>	<i>Discoaster</i> spp.	<i>Helicosphaera carteri</i>	<i>Reticulofenestra gelida</i>	<i>Reticulofenestra pseudumbilicus</i>	<i>Reticulofenestra</i> spp. (small)	<i>Sphenolithus</i>		
CN10a	Miocene	186-1150B-																											
		1R-1, 10-11	703.40	P	R																								
		1R-3, 10-11	706.23		B																								
		2R-1, 9-10	709.79		B																								
		2R-CC	711.93		B																								
		3R-1, 10-11	719.40	P	F		F																		R	F			
		3R-CC	720.11	P	F		R	R				F													F	F	R		
		4R-1, 10-11	729.10		B																								
		4R-3, 10-11	731.80	P	C		F					F													F	C	C		
		4R-CC	732.49		B																								
		5R-1, 10-11	738.70	P	C		F					F						F				F		C	C	C	F		
		5R-CC	740.07	P	R																					R			
		6R-1, 10-11	748.40	P	F		F															F			F	F			
		6R-3, 10-11	751.40	P	C		F															F		C	F	C			
		6R-5, 7-9	753.60	M	A		C	C				C		F				F				F	F	C	F	C	A	C	
		6R-CC	756.54	M	C		F	C				C		F				F				F		F	C	F	F		
		7R-1, 10-11	758.00	M	V		R	C	C			C						F				F	F	C	F	F	V	F	
		7R-1, 143-145	759.33	M	F			R	F			F										F			F	F		R	
		8R-1, 10-11	767.70	M	C			F	F			R				R						F						F	
		8R-CC	770.05	M	C			F	F			C										R		F	C	F		C	
		9R-1, 10-11	777.30		B																								
		9R-2, 8-9	778.80		B																								
		9R-2, 80-81	779.50		B																								
		9R-3, 8-9	780.28	P	C		F					F						R				F			F	F	C		
		9R-3, 98-99	781.18	P	F		R																					F	
		9R-CC	781.47	P	R																					F	R		
CN9		10R-1, 10-11	787.00	M	V							A								R		F		C	V	C		F	
		10R-1, 75-76	787.65		B																								
		10R-2, 10-11	788.50		B																								
		10R-2, 75-76	789.20	M	A							C										R			C	C	C	C	
		10R-3, 10-11	789.96		B																								
		10R-CC	791.04	P	R			R	R													R			R	R			
		11R-1, 10-11	796.60	M	V			C	F			A										C		C	A	C	A	C	
		11R-3, 10-11	799.48	P	C			F	R			F										R			R	C	C		
		11R-5, 10-11	802.13	P	F			F														R			F	F	F	F	
		11R-CC	802.82	P	B																								
		12R-1, 10-11	806.20	G	C			F														F			F	C	C	R	
		12R-3, 10-11	808.98	P	A							F								R	F	F					A		
		12R-CC	811.91	P	B																								
		13R-1, 10-11	815.80	M	C			F								R					R		F		F	C	C		
		13R-3, 10-11	817.90		B																								
		13R-CC	819.78	P	R																	R					R		
		14R-1, 10-11	825.50		B																								
		14R-3, 10-11	828.42		B																								
		14R-CC	830.48	M	C			F	F				R		R					F	R		F			F	C	F	R
		15R-1, 8-9	835.08		B																								
		15R-CC	837.15	M	C			R	F				F		R						F		R		R	C	R	F	F
		16R-1, 9-10	844.69	M	C			F					F											R		F	F	F	C
		16R-3, 8-9	847.68	M	A			F	F				F								F		C			C	F	A	F
		16R-5, 8-9	850.68		B																								
	16R-CC	852.22	P	F			R					F		R								R		R	R	R		R	
	17R-1, 10-11	854.30	P	F			R					R													F	F	F		
	17R-3, 10-11	857.30		B																									
	17R-CC	859.53	P	C			F					F		F							F		F		C	F	F		
	18R-1, 10-11	863.90	M	C			F					F		F	F						F		F		C	F	C		
	18R-3, 14-15	866.94	M	A			F	F				F													F	F	C	D	C
	18R-CC	868.08	M	A			C	F				C		C								C		F	F	C	A		
	19R-1, 8-9	873.58	M	A											F							C			F	F	A		
	19R-3, 14-15	876.64	M	C			F									F				F		F			F	F	C		
	19R-CC	877.53	M	C			F	F				R		F						F		C		F	F	F	R	F	

Table T4 (continued).

Nannofossil zone/subzone	Age	Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	<i>Anaerolithus amplifucus</i>	<i>Anaerolithus delicatus</i>	<i>Calcidiscus leptoporus</i>	<i>Calcidiscus macintyreii</i>	<i>Catinaster coarctatus</i>	<i>Ceratolithus telesmus</i>	<i>Coccolithus pelagicus</i>	<i>Discoaster bellus</i>	<i>Discoaster berggrenii</i>	<i>Discoaster brouweri</i>	<i>Discoaster challengerii</i>	<i>Discoaster exilis</i>	<i>Discoaster pentaradiatus</i>	<i>Discoaster quinqueramus</i>	<i>Discoaster tamalis</i>	<i>Discoaster variabilis</i>	<i>Discoaster</i> spp.	<i>Helicosphaera carteri</i>	<i>Reticulofenestra gelida</i>	<i>Reticulofenestra pseudoumbilicus</i>	<i>Reticulofenestra</i> spp. (small)	<i>Sphenolithus</i>		
CN9	Miocene	20R-1, 10–11	883.30	M	V		F	F				C	C						F		F	F	F	R	V	C			
		20R-3, 10–11	886.18	M	C									F	F	F			C		C			F	R	F	C		
		20R-5, 10–11	889.18	M	V			F					F	C	R				F		C				V	F			
		20R-7, 10–11	892.18	M	V			C					C	C	F				C		C				A	C	V		
		20R-CC	893.02	M	C			F	F				F	C	R				F		F		F		A	C	A	F	
		21R-1, 10–11	893.00	M	V			C	F				C	F	F				F		C		C			A	C	V	F
		21R-3, 10–11	895.84	M	V			C					F		F							C				A	C	V	F
		21R-CC	898.32	P	F			F	F				R		R							F		R	R	F		V	F
		22R-1, 22–23	902.32	M	A			C							C	F				C		C				C	C	A	
		22R-3, 10–11	904.54		B																	C							
		22R-5, 10–11	907.04	P	F										F											F	R	F	
		22R-7, 10–11	910.02	P	C				F	F			C	R	R											C	C	C	R
		22R-CC	910.67	M	C				F	F			C	F						R		F		R	A	C	C	C	F
		23R-1, 12–13	911.92	M	A				F	F					C	F				F		C		F	C	C	A	A	F
		23R-3, 8–9	914.88		B																								
		23R-5, 1–2	917.81	M	A				F				F	F											F	C	F	A	
		23R-CC	919.73	M	C				F	F			C	R						R		F		F		A	C	A	F
		24R-1, 15–16	921.65	M	V				F				F			F						F		F		C	C	V	F
		24R-CC	923.46	M					C	F			F	F	R							F		F	F	A	F	A	F
		25R-1, 9–10	931.19	M	C				R				F							R					F	A	F	C	F
		25R-3, 11–12	934.13	M	V				F				C	F							R				F	A	C	V	
		25R-5, 12–13	937.01	M	C					F			F	F								F						C	
		25R-CC	939.07			B																							
		26R-1, 10–11	940.80			B																							
		26R-3, 10–11	943.68			B																							
		26R-5, 10–11	946.64			B																							
		26R-5, 146–147	948.00	P	R						R															R	R		R
		27R-1, 10–11	950.40	P	A				F	F												F				C	C	R	
		27R-3, 10–11	953.41	P	F				R	R				R								R				R	R	R	F
		27R-5, 10–11	956.12	P	R																		R						R
		27R-CC	957.41	P	F					F				R								F				R	F		F
		28R-1, 8–9	959.98	P	F				F					F		F													F
		28R-3, 10–11	962.95			B																							F
		28R-5, 9–10	965.77	P	F											R													R
		28R-CC	968.83	P	R										R														F
		29R-1, 10–11	969.60	P	R					R					R								R						R
		29R-3, 12–13	972.25	P	R					R																			R
		29R-5, 29–30	975.42	P	C					R				R															R
		29R-CC	978.02	P	R											R													R
		30R-1, 7–8	979.17	P	F											R													F
		30R-3, 3–4	982.13			B																							
		30R-5, 10–11	984.82			B																							
		30R-CC	987.85	P	B																								
		31R-1, 15–16	988.85			B																							
		31R-3, 4–5	991.56			B																							
		32R-1, 13–14	998.43	P	F																								F
		32R-3, 12–13	1001.21			B																							
		32R-5, 10–11	1004.15			B																							
		32R-7, 5–6	1007.10			B																							
		32R-CC	1007.82			B																							
33R-1, 10–11	1008.00			B																									
33R-CC	1009.47	P	R											R							R			F	R	R	R		
34R-1, 10–11	1017.60			B																									
34R-CC	1019.99	P	F					R		R		F												F	R	F	R		
35R-1, 10–11	1027.20			B																									
35R-3, 10–11	1030.20			B																									
35R-CC	1031.50	B	B																					F	F	F			
36R-1, 10–11	1036.80	M	F																										
36R-3, 10–11	1039.80	M	A					F				F												C	F	A			
36R-5, 10–11	1042.80	P	R																					R	R	R			

Table T4 (continued).

Nannofossil zone/subzone	Age	Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	<i>Amaurolithus amplificus</i>	<i>Amaurolithus delicatus</i>	<i>Calcidiscus leptoporus</i>	<i>Calcidiscus macintyreii</i>	<i>Catinaster coaditus</i>	<i>Ceratolithus telesmus</i>	<i>Coccolithus pelagicus</i>	<i>Discoaster bellus</i>	<i>Discoaster berggrenii</i>	<i>Discoaster brouweri</i>	<i>Discoaster challengerii</i>	<i>Discoaster exilis</i>	<i>Discoaster pentaradiatus</i>	<i>Discoaster quinqueramus</i>	<i>Discoaster tamalis</i>	<i>Discoaster variabilis</i>	<i>Discoaster</i> spp.	<i>Helicosphaera carteri</i>	<i>Reticulofenestra gelida</i>	<i>Reticulofenestra pseudoumbilicus</i>	<i>Reticulofenestra</i> spp. (small)	<i>Sphenolithus</i>
CN9	Miocene	36R-CC	1044.73	M	C						C	F									F	F	C	F	C	F	
		37R-1, 10–11	1046.60	P	R								R								R	F	R	R	R	R	
		37R-3, 10–11	1049.54	M	C		F					F												C	F	C	
		37R-CC	1050.51	M	C			F				C	C								C	F	C	F	C	F	
		38R-1, 10–11	1056.40	M	A		C	F				C		F							F		C	F	A	C	
		38R-1, 76–77	1057.10		B																						
		38R-2, 10–11	1057.90	M	R																				R		
		38R-CC	1058.56	P	R									R							R						
		39R-1, 10–11	1066.10	P	C							F			R									F	R	C	
		39R-1, 72–73	1066.70		B																						
39R-2, 9–10		1067.60		B																							
39R-2, 73–74		1068.30		B																							
39R-3, 7–8		1068.51	P	R																						R	R
39R-CC		1070.80	P	R		F	R				R									R			R		R	R	
40R-1, 10–11		1075.80	P	C							F		R											F	R	C	
40R-3, 8–9		1078.54	P	F							R										R			R		F	
40R-CC		1079.21	P	B																							
41R-1, 10–11		1085.40	M	A		F					F		F								F		F	R	A	F	
41R-3, 14–15		1088.33	M	A		C						F		F							F		F	C	A		
41R-5, 8–9		1091.27	M	A		F															F		C	C	A		
41R-CC		1094.47	P	R								R									R		F		R		
42R-1, 9–10		1094.99		B																							
42R-3, 13–15		1098.04	M	A		F						F		F							F		F	C	F	A	
42R-5, 11–12		1101.02	P	R		R																					
42R-CC		1103.87	P	C			F					F					R				C		F	C	F	F	R
43R-1, 14–15		1104.74	P	C		F						F									F		F	F	R	C	
43R-3, 4–5		1107.59	P	C		F																		F	R	C	
43R-5, 12–13		1110.67	P	R																				R		R	
43R-CC		1111.28	P	R																	R						
44R-1, 5–6		1114.25	P	A		F		F					F		F		R				F		C	F	A		
44R-CC		1115.76	P	R				R			R										R		F	F		R	
45R-1, 76–77		1124.66	P	R																				R		R	
45R-1, 76–77		1124.66	P	R																							
45R-1, 76–77		1124.66	P	R								R									R			R			
45R-1, 76–77		1124.66	P	R								F									R			C	F	C	
45R-1, 76–77		1124.66	P	R								C		F			F				F		F	F	A		
45R-1, 76–77		1124.66	P	R																							
45R-1, 76–77		1124.66	P	R																							
45R-1, 76–77		1124.66	P	R								F			R			R			R			R	R		
45R-1, 76–77		1124.66	P	R								R									R			R	R	F	
45R-1, 76–77		1124.66	P	R								R						F			R					C	
45R-1, 76–77		1124.66	P	R								C	R				F	R						F	C	C	R
45R-1, 76–77		1124.66	P	R								C					R							A	C	A	
45R-1, 76–77		1124.66	P	R								F		F							C			F	C	A	
45R-1, 76–77		1124.66	P	R								F		F			F							C	F	A	
45R-1, 76–77		1124.66	P	R								F									F			F	F	C	F
45R-1, 76–77		1124.66	P	R								C		F							F			C	F	C	
45R-1, 76–77		1124.66	P	R																					F	F	
45R-1, 76–77		1124.66	P	R																	R				F	F	R
45R-1, 76–77	1124.66	P	R								F					F				F			F	C	F		

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