Expedition 322 Site C0011, Table T8. Distribution of calcareous nannofossils, Hole C0011B. (See table notes.)

Age	Epoch	Zone	Core, section, interval (cm)	Sample code	Depth CSF (m)	Abundance	Preservation	*Amaurolithus* spp.	*Braarudosphaera bigelowii*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Catinaster calyculus*	*Catinaster coalitus*	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Cyclicargolithus floridanus*	*Discoaster asymmetricus*	*Discoaster bollii*	*Discoaster bergenii*	*Discoaster berggreni*	*Discoaster brouweri*	*Discoaster calcaris*	*Discoaster challengeri*	*Discoaster deflandrei*	*Discoaster exilis*	*Discoaster hamatus*	*Discoaster kugleri*	*Discoaster neohamatus*	*Discoaster pansus*	*Discoaster pentaradiatus*	*Discoaster prepentaradiatus*	*Discoaster pseudovariabilis*	*Discoaster quinqueramus*	*Discoaster tamalis*	*Discoaster triradiatus*	*Discoaster variabilis*	*Discoaster* spp.	*Discolithina japonica*	*Discolithina multipora*	*Discolithina* spp.	*Helicosphaera carteri*	*Helicosphaera intermedia*	*Reticulofenestra pseudoumbilicus*	*Reticulofenestra* spp. (small)	*Rhabdosphaera clavigera*	*Rhabdosphaera stylifera*	*Sphenolithus abies*	*Sphenolithus heteromorphus*	*Sphenolithus moriformis*	*Syracosphaera pulchra*	*Umbilicosphaera rotula*	*Umbilicosphaera sibogae*
			322-C0011B-																																																	
?			1R-CC, 35.5–40.5	PAL	342.38	R	M								+					+	+													+			+	+						+				+					
?			2R-CC, 0–5	PAL	354.30	R	M			+					+					R	R													+	+		R	R					r?	R			R					
			3R-CC, 12–17	PAL	364.98	R	M			+					+					+	R													+			R	R						R			R					
			4R-CC, 0–5	PAL	368.61	R	M	+		+					+					R	R													+			+	R				+		R			R					
		NN11a	5R-CC, 11–16	PAL	378.17	A	M			R					R					R	C													+		+	C	A			R			A			A				+	
7.07–8.5			6R-CC, 7.5–12.5	PAL	393.40	A	M			R					R		R			C	C									+				+		+	C	A			R			A			A				+	
			7R-CC, 11.5–16.5	PAL	400.83	C	M			R					R					R	C									+			+	R			C	A			+	R			A			A				+	
			8R-CC, 0–5	PAL	411.17	C	M			+	+				R					R	R									+				+			C	A				R			A			C		+		+	
			9R-CC, 16–21	PAL	417.69	A	M			R					C				+	R	C																R	C		+	+	R			A			C				+	
			10R-CC, 0–3.3	PAL	425.13	C	M			+	+				R						C									R							C	A		+	+	R		R	A			C		R		+	
			11R-CC, 0–3	PAL	440.69	C	M			R	+				C						R									R	R						C	A				R		R	A			C		R		+	
			12R-CC, 0–5	PAL	448.42	C	M			+	R				C						C									R	+	+					A	A				C	+	R	A			C		R		+	
			13R-2, 96–96.5	PALW	452.87	A	M			R	C				R						C									R	R						C	A				R		C	A			C				+	
			13R-5, 31–31.5	PALW	455.40	C	M			R	R				R						R									+							R	A				R		R	A			R		R		+	
8.78–9.56		NN10	13R-6, 19–19.5	PALW	456.69	R	P								+																					+							+									
			13R-CC, 0–5	PAL	458.76	R	P								+																												+									
			14R-CC, 0–5	PAL	465.90	A	M		+	R	R				R						R									+	R					R	A		+		C	R	C	A			C		R		R	
			15R-6, 40–42	322SC	475.65	C	R			+	+				+						+		+				+		R	R						R	C				R	R	C	R			C		+		+	
			15R-CC, 0–2	PAL	476.79	R	P																														+						+	+								
			16R-CC, 0–5	PAL	478.83	R	P																														+															
			19R-5, 109	Sediment smear	495.38	C	M										+	R			+	+	+						+								R	A				R	C	C			R					
			21R-CC, 11–16	PAL	510.39	C	M				+	R			+			C			+	R	R			R											+	A				+	C	A			R		+		+	
9.56–10.54		NN9	23R-CC, 0–5	PAL	529.32	C	M						R		R			R			+	R	R			R											+	C				R	R	C	R			R				R	
			24R-2, 60–60.5	PALW	531.07	P	P					+	R					R			+	+	R			+			+								+	R				+		R	R			+					
			24R-CC, 23–28	PAL	535.20	F	P			+	+		R		+			+			+	R	R			+			+								+	C				R		C	R			R					
10.54–10.88		NN8	25R-5, 8–10	322SC	543.39	C	M			+	+		+		+			+			+		R						+								+	C				+		R	R			+					
			26R-7, 103	Sediment smear	557.54	C	M			+	+				R			R			+		R						+								+	C				R		A	R			+					
			27R-3, 38	Sediment smear	560.30	C	M			+	R				R			R			+		R						R								+	C	+	+	+	R		A	C			R					
			27R-4, 138	Sediment smear	562.67	C	M							+				+			+		R				+		R									R	+	+	+			A	C			R		+			
			27R-CC, 0–5	PAL	565.26	R	P																														+						+	+								
10.88–11.86		NN7	28R-CC, 25–30	PAL	572.02	R	P																																				+	+								
			31R-CC, 0–5	PAL	591.05	R	P																														+						+	+								
			32R-2, 107	sediment smear	598.50	C	M			+	R			R	R										R		+		+								C						A	C			R		+			
			33R-CC, 0–7	PAL	612.76	R	P																																													
			34R-CC, 0–5	PAL	615.17	R	P																																													
			37R-CC, 10.5–15.5	PAL	652.98	F	P				R			R	R										R		R		+								C						C	R			+					
			38R-3, 127	PALW	655.05	C	M				R			R	R										R				+								C				+	R	C	C			+		+		+	
11.86–12.037			38R-5, 23	PALW	657.99	C	M			+	+			R	R										R				+								C				+	R	C	C			+		+		+	
			38R-6, 19	PALW	659.35	F	P				+			+	+										+				+								C				+	R	C	C			+		+		+	
			38R-CC, 9.5–14.5	PAL	662.22	F	P				R			R	R						+				R				+								C				+	R	A	C			R		+			
			39R-5, 43–43.5	PALW	667.75	C	M			+	+			+	R	+									+				+								A					R	C	C			R		+			
			39R-7, 65–65.5	PALW	670.80	A	G			+	R			R	C	R								R	R												A				+	R	C	C			R		+			
			39R-CC, 0–1	PAL	671.03	F	P				+			R	R									R	+												A					R	C	C			+		+			
			40R-CC, 0–5	PAL	676.83	F	P				+			+	+									R	+												C				+	+	C	C			+		+			
			41R-CC, 15.5–20.5	PAL	678.73	F	P				+			+	R									+													R						R	R			R		+			
	middle Miocene		42R-1, 60–60.5	PALW	681.10	A	M				R			R	R	R								R	+												C				+	R	A	A			C		R			
			42R-1, 73–73.5	PALW	681.23	R	P				+			R	+									R	+												R						R	R			+					
		NN6	42R-CC, 0–2	PAL	683.13	A	M				+			+	+	+								R												R						R	R			+					
			43R-CC, 8–13	PAL	689.02	A	M				R			R	+	+								R													C					R	A	A			C		+		+	
12.037–13.654			44R-5, 72–72.5	PALW	693.82	A	M				R			R	R	+								R	+												A					R	A	A	+		R		R		+	
			45R-7, 136–141	PALW	706.47	R	P				+					+																					+						+	+								
			46R-1, 87–92	PALW	708.89	R	P				+				+	+																					+						+	+								
			49R-7, 100	PALW	735.92	R	M				+				+	R								+													R					R	R	R			R		R			
			49R-CC, 3.5–8.5	PAL	736.48	C	M			+	+				R	R								R	+												R					R	R	C			+		+			
			50R-CC, 35–40	PAL	741.44	R	P									+																					+						+									
			52R-2, 24–24.5	PALW	749.04	R	P				+			+	+	R																					R						+	+								
			52R-3, 36–36.5	PALW	759.97	F	P							+	+	R								+													R						R	R			+					
			53R-CC, 0–5	PAL	770.12	R	M			+					+	R																					R					R	R	C			+		+			
			56R-CC, 4–9	PAL	846.00	R	P								+	+																					R						R	R			+					
13.654–14.914		NN5	57R-2, 23	PALW	847.73	F	M							R	R	C								R													C					+	R	R			R	R	+		+	
			57R-CC, 16–20	PAL	855.00	R	P								+	+																					+						+	R	R								

Notes: PAL = paleontologic sample, PALW = additional paleontologic sample, 322SC = personal sample. Abundance: A = very abundant, C = common, F = few, R = rare, + = present. Preservation: G = good, M = moderate, P = poor. A = abundant, C = common, R = rare. Barren: 322-C0011B-13R-7, 69–69.5 cm; 17R-CC, 0–5 cm; 19R-CC, 7.5–12.5 cm; 20R-CC, 22–27 cm; 22R-CC, 15–20 cm; 19R-1, 38–38.5 cm; 19R-4, 27–27.5 cm; 19R-5, 114–114.5 cm; 19R-6, 34.5–35 cm; 19R-6, 87.5–88 cm; 19R-7, 56–56.5 cm; 24R-3, 60–60.5 cm; 24R-4, 60–60.5 cm; 26R-CC, 7–12 cm; 29R-CC, 0–5 cm; 44R-CC, 0–5 cm; 47R-CC, 3–8 cm; 50R-2, 47–50 cm; 54R-CC, 35.5–40.5 cm; 55R-CC, 12.5–17.5 cm; 57R-5, 19 cm; 58R-CC, 0–5 cm; 59R-CC, 4–9 cm; 60R-CC, 7–12 cm; 61R-CC, 0–5 cm.