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Expedition 367/368 Site U1499, Table T4. Distribution of calcareous nannofossils, Hole U1499A. Preservation: VG = very good, G = good, M = moderate, P = poor. Abundance: A = abundant, C = common, F = few, R = rare, B = barren.

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Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Preservation	Group abundance	*Emiliania huxleyi*	*Gephyrocapsa* sp. (<4 µm)	*Gephyrocapsa* sp. (4–5.5 µm)	*Gephyrocapsa* sp. (>5.5 µm)	*Pseudoemiliania lacunosa*	*Reticulofenestra pseudoumbilicus*	*Reticulofenestra asanoi*	*Reticulofenestra* sp. (5–7 µm)	*Reticulofenestra* spp. small	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Coccolithus pelagicus*	*Coronocyclus nitescens*	*Discoaster asymmetricus*	*Discoaster bellus*	*Discoaster berggrenii*	*Discoaster brouweri*	*Discoaster deflandrei*	*Discoaster hamatus*	*Discoaster loeblichii*	*Discoaster pentaradiatus*	*Discoaster prepentaradiatus*	*Discoaster quinqueramus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster tamalis*	*Discoaster triradiatus*	*Discoaster variabilis*	*Amaurolithus delicatus*	*Amaurolithus tricorniculatus*	*Florisphaera profunda*	*Helicosphaera carteri*	*Helicosphaera euphratis*	*Helicosphaera sellii*	*Pontosphaera millepuncta*	*Pontosphaera multipora*	*Pontosphaera* spp.	*Rhabdosphaera* spp.	*Scyphosphaera* spp.	*Sphenolithus abies*	*Sphenolithus heteromorphus*	*Sphenolithus moriformis*	*Sphenolithus* spp.	*Syracosphaera* spp.	*Umbilicosphaera rotula*	*Umbilicosphaera sibogae*	Comments
367-U1499A-																																																					
1H-CC	7.45	7.50	M	C	C	C	C							F		F																			C	F												F		F	
2H-3, 56–57	11.06	11.07	M	F	F	C								R																					C	R												R		F	
2H-5, 64–64	14.14	14.14	G	C	F	A	C							F		F																			C	F						R						C		C	
2H-CC	17.33	17.38	M	C	F	A	C							F		F																			C	F												F		F	
3H-CC	26.84	26.89	G	C		C	C					C	C	C																					F	C						F		R						C	
4H-3, 38–39	29.88	29.89	G	C		A	C					R	C	C																					C	C												C		C	
4H-5, 39–40	32.89	32.90	VG	C		A	C			R			C	C														R							C	F					F							C		C	
4H-CC	36.36	36.41	G	C		C	C	F						C														F							F	C					F	C						F		F	
5H-CC	45.68	45.73	G	C		C			C		R		C																												F	F	R	R				F		F	
6H-3, 120–121	49.70	49.71	VG	A		A	C		A		R	F	A	C							C				F			F				F			C	C					F	C	R	F				C	C	C	Slumping
6H-5, 90–91	52.40	52.41	VG	A		A	F		A			C	A	C																			R		C	C					C	C	R	R				C		C	Slumping
6H-CC	55.59	55.64	VG	A		F			C					C	F																				C	C					C	C	F	R				C			Slumping
7H-5, 96–96	61.92	61.92	VG	A		A			D			C	C	C	F						R														A	C						C								C	Slumping
7H-CC	65.10	65.15	VG	A						F								F			C				C					F	F				C						F	F		C				C		C	Slumping
8H-CC	74.44	74.49	VG	A					C			F	C	C	F	F		C			C				C				F	F					C	C					C	C						C		C	Slumping
9H-CC	83.47	83.52	VG	A					C					C	F										C					F					A	C					C	C		F				C		C	Slumping
10H-CC	93.38	93.43	VG	A		C			A					C							F				F								R		D	C								C						F	Slumping
11H-CC	103.09	103.14	M	C		C			A			C	C	C		F											R								D	F								R					F	F	Pleistocene
12H-CC	112.56	112.61	G	F		F	C		F					R		R																			F	F								R						F	Pleistocene
13H-CC	121.28	121.33	M	F		F	F		C			R	C	R														R							C	F															Pleistocene
14H-CC	131.19	131.24	G	C		A	F		C		R	F	C	R																					F	F												R		F	Pleistocene
15H-CC	138.80	138.85	G	F					C			C	C								R														C	R														R	Pleistocene
16H-CC	148.28	148.33	M	F		C	R		C			F	C	F	R										F								R		A	F		R												F	Pleistocene
17H-CC	156.53	156.58	G	A				F	A	R		F	C	F																		R	R		A	F					F	C	R					F		F	Pleistocene
18H-CC	162.32	162.37		B																																															
19X-CC	170.93	170.98	G	C		A	C	F	A			F	A	C		F					R											R			C	C		R			C	C		R				F		F	
20X-CC	181.70	181.75	G	F		C	F	F	C			F	C	R		R					R														R	F					R							R		R	
21X-CC	190.11	190.16	G	C		C	F		C	R			C	F							R														F	F		R			F	F		R					F		F	*R. pseudoumbilica*
22X-CC	201.06	201.11		B																																																
23X-CC	210.94	210.99	M	F		F			C			R	C	F	F	F					R															R		R		R	R						R		R	
24X-CC	220.72	220.77	M	F					C				C	F	R	F					F																														*D. brouweri* broken
25X-CC	220.60	220.62	M	F		R			C				C	F	F	F					R														F	F					F	F		R					F		F	*R. asanoi* ?
26X-2, 22–23	232.02	232.03	P	R					F												R														F																	Almost barren
26X-3, 140–140	234.70	234.70	P	R					F				R															R							R																	Almost barren
26X-CC	240.14	240.19	M	F					F												F																															Broken discoaster
27X-2, 75–75	242.25	242.25	M	F					F				F								F				R				F		R																					
27X-5, 69–70	246.69	246.70	M	R					R				R								F				R				R																							
27X-CC	249.77	249.82		B																																															Broken discoaster
28X-2, 73–73	251.93	251.93	M	F					R				F								F				F				F						R			R													
28X-5, 75–75	256.45	256.45	M	C								F	F								C			R	F		R		F	F																					Discoaster abundant, some reworked
28X-CC	259.23	259.28	G	R								F	R								R							R																							R	Broken discoaster
29X-CC	269.10	269.15	M	R									F			R					F							F							F	R								R								*D. variabilis* group
30X-2, 72–72	271.32	271.32	M	F									F					R			F				F				R			F											R								
30X-5, 72–72	275.82	275.82	M	F						R		R	F					R			F				F				F			F			F									R								
30X-CC	278.91	278.96	M	F						C				F		F					C				C			C				C	R			F																*Amaurolithus delicatus*
31X-2, 52–52	280.82	280.82	G	C						C		F	C								C				C				F			C	F										F					F		R	
31X-5, 52–52	285.32	285.32	M	F						F		F	F								C				F				R			F	R										R								
31X-CC	288.54	288.59	M	C						F		C	F	F		F		F			C				C			C				C		F	F	R							F					F		R	
32X-2, 99–99	290.99	290.99	M	F						R		F	F								F				F			R				F			F																
32X-5, 56–56	295.06	295.06	M	C						F		C	R	F		F					C				C							C	F		F	R								R				R		R	
32X-CC	298.30	298.35	G	A						F		C	D	F	R	F		C		R	C				F							C	F	F	C	C					R	R		C		F		F		F	
33X-1, 74–74	298.94	298.94	M	F									F								C				C							C		F										F							
33X-4, 73–73	303.43	303.43	M	C								F	F	F							F				C			F	C															F						R	
33X-CC	306.84	306.89	G	A								C	C	F		F		C			C				C							A		F	F									F		R					
34X-2, 115–115	310.55	310.55	M	C								C	F			F				C	C		R		C				C															C							
34X-5, 59–59	314.49	314.49	G	A										C	F	F				F	C				C		C		C			C	R										C				C		F	
34X-CC	317.38	317.43	M	C						F		R	F	R		R		R			F				F				R			A			C								F							
35X-2, 40–40	319.50	319.50	M	R																									R			R											R							
35X-5, 70–70	324.30	324.30	M	F						R			F												C		C					C	R										R							
35X-CC	327.34	327.39	M	R						R			R					R							F							C																			
36X-1, 34–34	327.64	327.64	G	C						C		C	C	C		F				F	F				F		C	F				C				F							C						C		
36X-4, 69–69	332.49	332.49	M	C						C		F	C	F		F		F									C	F				C	R										C			F		F		
36X-CC	333.70	333.75	P	R									R							R																							R								Sand
37X-CC	337.00	337.05	M	C						F			R	R		C									C			F	F			A											C		F						
38X-CC	346.70	346.75	M	C						C			C	F		F		C														C				F							C								
39X-CC	357.35	357.40	M	C						F			F	F		C		C				R			F				R			C				F					F		C	R							
43X-CC	395.20	395.27	G	C								F	F	F	F			C				R					C					C					R						F	R	F	F			F	
44X-2, 71–71	407.11	407.11	M	F								C	F	F		F				F	F						C	F				C	R										F							
44X-5, 111–111	412.01	412.01	M	C								C	F	F		F				F	F						C	F				C	R										F			F				
44X-CC	414.05	414.10	M	R																							F	R				R																			
45X-CC	424.45	424.50	G	C						F		F	F	R		R				C	R						F	R				C										F			F				
46X-CC	434.08	434.13	G	C						R		C	A	F		F				F							F					R				F						F			F				
47X-4, 67–67	439.17	439.17	G	C								C	C	F	F	F	F			F	F						C	F	F			C															C		
47X-CC	443.81	443.86	G	C								F	A	R		F				F							F	R				F										C							
48X-4, 79–79	448.99	448.99	M	R									R							R											R																			
48X-5, 46–46	450.16	450.16	G	C									F	F		F				C	F				F			F				F				F	R				F	F		A		C			F		Forams sand
48X-CC	453.61	453.66	M	F									C							F	F						F					C											F			F				
49X-5, 43–43	459.83	459.83	M	A						R		F	C	F	F	C		F		C	C				F		R	F				C	R																		Selected nannos syndepositional layer
49X-CC	463.38	463.43	M	C						R			C	R		F				C	F						C					C				F							C			C			R	
50X-CC	469.32	469.37	P	F									C	R														R								R						R		F			R			R	
54X-CC	501.94	502.00	M	A						C		F	C	F		F	F			C	F	F					C	F				C				C					C		C			C	C			
56X-CC	521.68	521.73	M	A						R			C	F	R	F				F	F				C		F	C								C							F			F	C			
57X-CC	532.10	532.15	P	R									R								R																										R				
58X-CC	540.78	540.83	M	F								F	F	R	R	F					C				F		F					F				R					R			F			F			
59X-CC	550.50	550.55	P	R									R																																		R				
60X-CC	561.25	561.30	M	C								R	F	R	R	F			F	R	C						F					F				R							F			F			
61X-CC	570.05	570.10	M	C						R		F	C	F	F	R			F	R	F					R	R					F				F					R			F			F		R	
62X-CC	579.58	579.63	M	F									C	F		F										R																		F		C	F			
64X-CC	600.71	600.76	M	C						C		F	C	C	F		C									F										F						R		F		C	C		F	F	Discoaster overgrowth
65X-CC	608.94	608.99	M	C						C		F	F	F		F					F				C				C			C				F	R			R	F			C	R	C			F		Sand
66X-2, 124–124	621.04	621.04	M	C								C	F	F				F			C				C		F	C	F													F		F						
66X-4, 64–64	623.44	623.44	M	C								C		R		C		F			C				C		C	C	F			C										F		R						
66X-CC	628.09	628.09	M	F								R																								R							R								
67X-3, 58–58	631.58	631.58	G	A						C		C		F		F									C		C	C								C	R		R	R		F		C		C		C		Abundant *R. pseudoumbilicus*
67X-5, 50–50	634.00	634.00	G	A						C		C		F		F					F				C		C	C				C				C	R				F	F	R	C		C	F		F	Abundant *R. pseudoumbilicus*
67X-CC	634.32	634.37	M	F						F		F	F	F		F			R																	R				R	F			F		F	F		F	*P. Multipora*
69X-1, 19–19	647.59	647.59	M	C						F		C	F	R		F					C				F		F	C				F				F					F			F					R	Overgrowthed
69X-CC	648.51	648.56	P	R						F		R	R															R								R										R				This core catcher has three small layers. From bottom to top, it's greenish sand, gray silts and white dark mud. Only the gray silts layer has few nannofossils. The other two are barren.
70X-CC	650.53	650.58	M	F						C		C	R			F					C				F		R	C				F				R							F		F			R	Discoaster overgrowthed
71X-CC	651.39	651.44	M	R						F		F	F						R									F				F				R								R			F			