Table T3. Stratigraphic distribution of selected nannofossil species, Site 1172. (**See table notes.** Continued on next five pages.)

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	*Ahmuellerella octoradiata*	*Amaurolithus amplificus*	*Amaurolithus delicatus*	*Amaurolithus ninae*	*Amaurolithus primus*	*Amaurolithus tricorniculatus*	*Arkhangelskiella cymbiformis*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus premacintyrei*	*Chiasmolithus altus*	*Chiasmolithus expansus*	*Chiasmolithus oamaruensis*	*Chiasmolithus solitus*	*Chiasmolithus* spp.	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Cribrosphaerella daniae*	*Cyclicargolithus abisectus*	*Cyclicargolithus floridanus*	*Dictyococcites bisectus*	*Dictyococcites callidus*	*Discoaster bellus*	*Discoaster brouweri*	*Discoaster calcaris*	*Discoaster challengeri*	*Discoaster intercalaris*	*Discoaster lodoensis*	*Discoaster loeblichii*	*Discoaster pentaradiatus*
189-1172A-																																	
1H-CC, 10-15	6.24	G	A																														
2H-CC, 9-14	16.15	G	A																														
3H-CC, 15-20	25.54	G	A									A															R						
4H-CC, 12-17	35.11	G	A									C															R						R
5H-CC, 0-5	44.50	G	A									C																					R
6H-CC, 11-16	53.97	G	A																														
7H-CC, 27-32	63.79	G	A																														
8H-CC, 15-20	73.22	M	A					R			F	F								A							F	R					R
9H-CC, 0-7	82.52	M	A								F	F								C							R			R			
10H-CC, 15-20	92.10	M	A								A	A								A												R	
11H-CC, 7-12	101.34	M	A			F	R	R			A									C							R			F			
12H-CC, 10-15	110.05	M	A								F	F								A										R			
13H-CC, 26-31	120.76	M	A								F																			C		R	
14H-CC, 10-16	129.24	M	A								C	C								A							R		R			F	
15H-CC, 22-27	139.79	M	A								F	F																	C			C	
16H-CC, 22-27	149.22	M	A								F	C								A									F				
17H-CC, 19-24	158.27	M	A									C																					
18H-CC, 0-6	167.85	M	A									C															R						R
19H-CC, 28-34	177.76	M	A									C															R						R
20H-CC, 5-11	186.44	M	A									C																					
21H-CC, 33-38	196.81	M	A									C																					
22H-CC, 21-26	206.18	M	A									C																					
23H-CC, 12-17	215.27	M	A									C																					
24H-CC, 15-20	225.15	M	A									C																					
25X-CC, 14-19	228.01	M	A									C																					
26X-CC, 29-34	235.84	M	A									C							C														
27X-CC, 25-30	246.86	M	A									C											C										
28X-CC, 16-21	255.65	M	A									C											C										
29X-CC, 22-27	266.27	M	A								C	F	F							C			F			R							
30X-CC, 10-15	276.45	M	A										C						F	A			C										
31X-CC, 21-26	285.90	M	A								C		C							C			A										
32X-CC, 31-36	295.79	M	A								C	F	F						F	C			C										
33X-CC, 19-24	306.37	M	A								F		C						F	C			C										
34X-CC, 23-28	316.34	M	A								F	F	F							C			A										
35X-CC, 24-29	324.92	M	A																	A		F	C										
36X-CC, 21-26	335.08	M	A																F	C		C	C										
37X-CC, 38-43	345.10	M	A																	C		C	C	C									
38X-CC, 24-29	353.76	M	A											A						C		F	A	C									
39X-CC, 27-33	364.34	M	A													A																	
40X-CC, 26-31	374.00	M	A												C									R									
41X-CC, 31-36	383.60	M	A												C	R																	
42X-CC, 51-56	393.18	M	A																														
43X-CC, 33-38	402.83	M	A														C																
44X-CC, 32-37	412.47	P	C														R																
45X-CC, 41-46	422.11	P	C																														
46X-CC, 36-41	431.66	P	R																														
47X-CC, 36-41	441.29		B																														
48X-CC, 36-41	450.85	P	R																														
49X-CC, 43-48	460.45		B																														
50X-CC, 0-8	460.20		B																														
51X-CC, 43-48	476.19		B																														
52X-CC, 39-44	488.65		B																														
53X-CC, 34-39	498.80	P	C												F		F																
54X-CC, 12-17	504.44	M	A														C																
55X-CC, 26-31	509.07	P	F															F															
56X-CC, 23-33	518.23	P	C																														
189-1172B-																																	
1H-CC, 8-13	2.79	G	A																														

Table T3 (continued).

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	*Discoaster quinqueramus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster triradiatus*	*Discoaster variabilis*	*Eiffellithus turriseiffelii*	*Ericsonia formosa*	*Gephyrocapsa* >4.5 µm	*Gephyrocapsa* spp. (small)	*Helicosphaera kamptneri*	*Helicosphaera* spp.	*Micula decussata*	*Neococcolithes dubius*	*Nephrolithus corystus*	*Nephrolithus frequens*	*Pontosphaera* spp.	*Prediscosphaera cretacea*	*Pseudoemiliania lacunosa*	*Reticulofenestra dictyoda*	*Reticulofenestra gelida*	*Reticulofenestra perplexa*	*Reticulofenestra psuedoumbilica*	*Reticulofenestra reticulata*	*Reticulofenestra samodurovii*	*Reticulofenestra* spp.	*Reticulofenestra umbilica*	*Sphenolithus heteromorphus*	*Sphenolithus moriformis*	*Triquetrorhabdulus rugosus*	*Zygrhablithus bijugatus*
189-1172A-																																	
1H-CC, 10-15	6.24	G	A								A																						
2H-CC, 9-14	16.15	G	A								A										C												
3H-CC, 15-20	25.54	G	A																		C												
4H-CC, 12-17	35.11	G	A																														
5H-CC, 0-5	44.50	G	A			R																											
6H-CC, 11-16	53.97	G	A			R																	C		F								
7H-CC, 27-32	63.79	G	A																				C		C								
8H-CC, 15-20	73.22	M	A			F	R						F										C		C								
9H-CC, 0-7	82.52	M	A	R		F		F																									
10H-CC, 15-20	92.10	M	A										F										D										
11H-CC, 7-12	101.34	M	A			R																	D		C								
12H-CC, 10-15	110.05	M	A			F		R															A		F								
13H-CC, 26-31	120.76	M	A	R		R		R															C		F							R	
14H-CC, 10-16	129.24	M	A					C																	F								
15H-CC, 22-27	139.79	M	A					C															A		C								
16H-CC, 22-27	149.22	M	A					C															C	R									
17H-CC, 19-24	158.27	M	A					C															C										
18H-CC, 0-6	167.85	M	A																				C										
19H-CC, 28-34	177.76	M	A																				C										
20H-CC, 5-11	186.44	M	A																				C										
21H-CC, 33-38	196.81	M	A																				C										
22H-CC, 21-26	206.18	M	A																				C										
23H-CC, 12-17	215.27	M	A																				C										
24H-CC, 15-20	225.15	M	A																				C										
25X-CC, 14-19	228.01	M	A																				C										
26X-CC, 29-34	235.84	M	A																				C										
27X-CC, 25-30	246.86	M	A																				C										
28X-CC, 16-21	255.65	M	A																				C										
29X-CC, 22-27	266.27	M	A																				A	C	R								
30X-CC, 10-15	276.45	M	A					R						F									F										
31X-CC, 21-26	285.90	M	A		A																				F						F		
32X-CC, 31-36	295.79	M	A		C																										F		
33X-CC, 19-24	306.37	M	A		A																				A					C	C		
34X-CC, 23-28	316.34	M	A		C																				C								
35X-CC, 24-29	324.92	M	A		C																				A						C		
36X-CC, 21-26	335.08	M	A		A																										C		
37X-CC, 38-43	345.10	M	A		A																										C		
38X-CC, 24-29	353.76	M	A																												C		
39X-CC, 27-33	364.34	M	A																							C			A				
40X-CC, 26-31	374.00	M	A																							F	C		A				R
41X-CC, 31-36	383.60	M	A																							C			C				
42X-CC, 51-56	393.18	M	A																							C			C				
43X-CC, 33-38	402.83	M	A																							C			C				
44X-CC, 32-37	412.47	P	C																										R				
45X-CC, 41-46	422.11	P	C																										C				
46X-CC, 36-41	431.66	P	R																														
47X-CC, 36-41	441.29		B																														
48X-CC, 36-41	450.85	P	R																														
49X-CC, 43-48	460.45		B																														
50X-CC, 0-8	460.20		B																														
51X-CC, 43-48	476.19		B																														
52X-CC, 39-44	488.65		B																														
53X-CC, 34-39	498.80	P	C																			C											
54X-CC, 12-17	504.44	M	A																									A					R
55X-CC, 26-31	509.07	P	F							R																	R	F					
56X-CC, 23-33	518.23	P	C																														
189-1172B-																																	
1H-CC, 8-13	2.79	G	A								A	A																					

Table T3 (continued).

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	*Ahmuellerella octoradiata*	*Amaurolithus amplificus*	*Amaurolithus delicatus*	*Amaurolithus ninae*	*Amaurolithus primus*	*Amaurolithus tricorniculatus*	*Arkhangelskiella cymbiformis*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus premacintyrei*	*Chiasmolithus altus*	*Chiasmolithus expansus*	*Chiasmolithus oamaruensis*	*Chiasmolithus solitus*	*Chiasmolithus* spp.	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Cribrosphaerella daniae*	*Cyclicargolithus abisectus*	*Cyclicargolithus floridanus*	*Dictyococcites bisectus*	*Dictyococcites callidus*	*Discoaster bellus*	*Discoaster brouweri*	*Discoaster calcaris*	*Discoaster challengeri*	*Discoaster intercalaris*	*Discoaster lodoensis*	*Discoaster loeblichii*	*Discoaster pentaradiatus*
2H-CC, 14-19	12.73	G	A																														
3H-CC, 12-17	22.10	G	A																														
4H-CC, 11-16	31.77	G	A																								R						R
5H-CC, 15-20	41.31	G	A																														
6H-CC, 3-10	50.52	G	A																														
7H-CC, 13-18	60.33	G	A			R																											
8H-CC, 21-26	69.78	M	A																														
9H-CC, 23-28	79.20	M	A																														
10H-CC, 45-50	89.05	M	A																														
11H-CC, 0-5	98.06	M	A		R				R																								
12H-CC, 33-38	107.95	M	A																														
13H-CC, 69-74	116.52	M	A																														
14H-CC, 9-14	126.46	M	A																											R			
15H-CC, 16-21	136.11	M	A																													R	
16H-CC, 30-35	145.82	M	A																								F			R		R	
17H-CC, 0-7	154.30	M	A									C																				F	
18H-CC, 14-19	164.12	M	A								A	A																					
19H-CC, 16-21	174.03	M	A								C	C							F														
20H-CC, 8-16	183.10	M	A								A	A																					
21H-CC, 14-19	192.64	M	A								C	C							C														
22H-CC, 30-35	202.74	M	A								C	F								C													
189-1172C-																																	
1H-CC, 7-15	9.47	G	A																														
2H-CC, 9-14	19.06	G	A																														
3H-CC, 12-17	28.40	G	A									C															R						
4H-CC, 22-27	37.89	G	A																								R						R
5H-CC, 10-15	47.36	G	A																														
6H-CC, 18-23	56.94	G	A																														
7H-CC, 8-14	66.14	G	A			R																											
8H-CC, 15-20	76.22	G	A			R																											
9H-CC, 27-32	85.81	M	A																														
10H-CC, 0-6	94.45	M	A																														
11H-CC, 21-26	104.90	M	A		R																												
12H-CC, 29-34	114.49	M	A																														
13H-CC, 11-16	123.82	M	A																														
14H-CC, 12-17	133.12	M	A																														
15H-CC, 0-8	141.93	M	A									F															R		R			C	R
16H-CC, 14-20	152.29	M	A									C																				F	
17H-CC, 0-10	161.34	M	A								C	C															R					R	
18H-CC, 23-31	171.34	M	A								A	A								A													
189-1172D-																																	
2R-CC, 8-13	362.97	M	A													C								F									
3R-CC, 12-17	372.64	M	A													C								F									
4R-CC, 13-18	505.38	P	R														R						R										
5R-CC, 12-17	512.97	P	F														F																
6R-CC, 8-13	522.66	P	F														F																
7R-CC, 15-20	535.25	P	F														F																
8R-CC, 7-12	543.99	M	F												F		F			F					C								
9R-CC, 15-22	555.26	M	C														F														R		
10R-CC, 0-7	564.30		B																														
11R-CC, 0-7	573.54		B																														
12R-CC, 23-28	584.27		B																														
13R-CC, 0-5	593.63		B																														
14R-CC, 0-6	601.86		B																														
15R-CC, 22-27	612.95		B																														
16R-CC, 0-6	619.02		B																														
17R-CC, 17-22	632.21		B																														
18R-CC, 0-5	639.53		B																														
19R-CC, 23-28	645.91		B																														

Table T3 (continued).

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	*Discoaster quinqueramus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster triradiatus*	*Discoaster variabilis*	*Eiffellithus turriseiffelii*	*Ericsonia formosa*	*Gephyrocapsa* >4.5 µm	*Gephyrocapsa* spp. (small)	*Helicosphaera kamptneri*	*Helicosphaera* spp.	*Micula decussata*	*Neococcolithes dubius*	*Nephrolithus corystus*	*Nephrolithus frequens*	*Pontosphaera* spp.	*Prediscosphaera cretacea*	*Pseudoemiliania lacunosa*	*Reticulofenestra dictyoda*	*Reticulofenestra gelida*	*Reticulofenestra perplexa*	*Reticulofenestra psuedoumbilica*	*Reticulofenestra reticulata*	*Reticulofenestra samodurovii*	*Reticulofenestra* spp.	*Reticulofenestra umbilica*	*Sphenolithus heteromorphus*	*Sphenolithus moriformis*	*Triquetrorhabdulus rugosus*	*Zygrhablithus bijugatus*
2H-CC, 14-19	12.73	G	A								A										C												
3H-CC, 12-17	22.10	G	A																		C												
4H-CC, 11-16	31.77	G	A			R															C												
5H-CC, 15-20	41.31	G	A																		C		F										
6H-CC, 3-10	50.52	G	A																				F										
7H-CC, 13-18	60.33	G	A			R																	C										
8H-CC, 21-26	69.78	M	A			R																	C										
9H-CC, 23-28	79.20	M	A			R																	C										
10H-CC, 45-50	89.05	M	A	R																			C										
11H-CC, 0-5	98.06	M	A	R																													
12H-CC, 33-38	107.95	M	A																														
13H-CC, 69-74	116.52	M	A			R																											
14H-CC, 9-14	126.46	M	A					R																								R	
15H-CC, 16-21	136.11	M	A					F															A										
16H-CC, 30-35	145.82	M	A	R		R		F						C																			
17H-CC, 0-7	154.30	M	A					C						F																			
18H-CC, 14-19	164.12	M	A					F															A		A								
19H-CC, 16-21	174.03	M	A																														
20H-CC, 8-16	183.10	M	A																									A			F		
21H-CC, 14-19	192.64	M	A																									A					
22H-CC, 30-35	202.74	M	A																									A					
189-1172C-																																	
1H-CC, 7-15	9.47	G	A								C										F												
2H-CC, 9-14	19.06	G	A																		F												
3H-CC, 12-17	28.40	G	A																		F												
4H-CC, 22-27	37.89	G	A			R															F												
5H-CC, 10-15	47.36	G	A																				C										
6H-CC, 18-23	56.94	G	A																				C										
7H-CC, 8-14	66.14	G	A																				C										
8H-CC, 15-20	76.22	G	A																				C										
9H-CC, 27-32	85.81	M	A	R																			C										
10H-CC, 0-6	94.45	M	A	R																													
11H-CC, 21-26	104.90	M	A	R																													
12H-CC, 29-34	114.49	M	A	R																													
13H-CC, 11-16	123.82	M	A	R																												R	
14H-CC, 12-17	133.12	M	A	R																												R	
15H-CC, 0-8	141.93	M	A											F																			
16H-CC, 14-20	152.29	M	A																				A										
17H-CC, 0-10	161.34	M	A					C																	R								
18H-CC, 23-31	171.34	M	A																				A										
189-1172D-																																	
2R-CC, 8-13	362.97	M	A							R																C			A				
3R-CC, 12-17	372.64	M	A							R																C			A				
4R-CC, 13-18	505.38	P	R																									R					
5R-CC, 12-17	512.97	P	F																									F					
6R-CC, 8-13	522.66	P	F																								R	F					
7R-CC, 15-20	535.25	P	F																								R	F					
8R-CC, 7-12	543.99	M	F													R			R			R						F					
9R-CC, 15-22	555.26	M	C		F					R																		C					
10R-CC, 0-7	564.30		B																														
11R-CC, 0-7	573.54		B																														
12R-CC, 23-28	584.27		B																														
13R-CC, 0-5	593.63		B																														
14R-CC, 0-6	601.86		B																														
15R-CC, 22-27	612.95		B																														
16R-CC, 0-6	619.02		B																														
17R-CC, 17-22	632.21		B																														
18R-CC, 0-5	639.53		B																														
19R-CC, 23-28	645.91		B																														

Table T3 (continued).

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	*Ahmuellerella octoradiata*	*Amaurolithus amplificus*	*Amaurolithus delicatus*	*Amaurolithus ninae*	*Amaurolithus primus*	*Amaurolithus tricorniculatus*	*Arkhangelskiella cymbiformis*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus premacintyrei*	*Chiasmolithus altus*	*Chiasmolithus expansus*	*Chiasmolithus oamaruensis*	*Chiasmolithus solitus*	*Chiasmolithus* spp.	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Cribrosphaerella daniae*	*Cyclicargolithus abisectus*	*Cyclicargolithus floridanus*	*Dictyococcites bisectus*	*Dictyococcites callidus*	*Discoaster bellus*	*Discoaster brouweri*	*Discoaster calcaris*	*Discoaster challengeri*	*Discoaster intercalaris*	*Discoaster lodoensis*	*Discoaster loeblichii*	*Discoaster pentaradiatus*
20R-CC, 7-12	660.85		B																														
21R-CC, 5-11	667.20		B																														
22R-CC, 17-23	673.03		B																														
23R-CC, 28-33	682.06		B																														
24R-CC, 0-6	699.02	G	R																														
25R-CC, 14-20	709.17	G	F							F											R												
26R-6, 100-105	717.13	M	C							F																							
27R-CC, 0-5	728.22	M	F							F											R												
28R-CC, 0-7	737.18	M	F							F											R												
29R-CC, 32-37	745.41		B																														
30R-CC, 6-11	747.36		B																														
31R-CC, 17-22	766.14	M	F	R						F											R												

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

Table T3 (continued).

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	*Discoaster quinqueramus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster triradiatus*	*Discoaster variabilis*	*Eiffellithus turriseiffelii*	*Ericsonia formosa*	*Gephyrocapsa* >4.5 µm	*Gephyrocapsa* spp. (small)	*Helicosphaera kamptneri*	*Helicosphaera* spp.	*Micula decussata*	*Neococcolithes dubius*	*Nephrolithus corystus*	*Nephrolithus frequens*	*Pontosphaera* spp.	*Prediscosphaera cretacea*	*Pseudoemiliania lacunosa*	*Reticulofenestra dictyoda*	*Reticulofenestra gelida*	*Reticulofenestra perplexa*	*Reticulofenestra psuedoumbilica*	*Reticulofenestra reticulata*	*Reticulofenestra samodurovii*	*Reticulofenestra* spp.	*Reticulofenestra umbilica*	*Sphenolithus heteromorphus*	*Sphenolithus moriformis*	*Triquetrorhabdulus rugosus*	*Zygrhablithus bijugatus*
20R-CC, 7-12	660.85		B																														
21R-CC, 5-11	667.20		B																														
22R-CC, 17-23	673.03		B																														
23R-CC, 28-33	682.06		B																														
24R-CC, 0-6	699.02	G	R																														
25R-CC, 14-20	709.17	G	F						R						R																		
26R-6, 100-105	717.13	M	C						R									F		F													
27R-CC, 0-5	728.22	M	F												R			R															
28R-CC, 0-7	737.18	M	F															R															
29R-CC, 32-37	745.41		B																														
30R-CC, 6-11	747.36		B																														
31R-CC, 17-22	766.14	M	F						R						R		R	R		R													