Table T4. Radiolarian abundance and preservation, Hole U1356A. (See table notes.) (Continued on next two pages.)

Core, section, interval (cm)	Abundance	Preservation	*Acrosphaera australis*	*Acrosphaera murrayana*	*Acrosphaera? labrata*	*Actinomma golownini*	*Amphymenium challengerae*	*Antarctissa cylindrica*	*Antarctissa deflandrei*	*Antarctissa denticulara*	*Antarctissa robusta* (= *A. antedenticula*)	*Antarctissa strelkovi*	*Cycladophora antiqua*	*Cycladophora davisiana*	*Cycladophora golli regipileus*	*Cycladophora humerus*	*Cycladophora longithorax*	*Cycladophora pliocenica*	*Cycladophora spongothorax*	*Dendrospyris megalocephalis*	*Desmospyris rhodospyroides* (= *D. haysi*)	*Desmospyris spongiosa*	*Eucyrtidium calvertense* G	*Eucyrtidium cienkowskii* G	*Eucyrtidium pseudoinflatum*	*Eucyrtidium punctatum*	*Helotholus vema*	*Lampromitra coronata*	*Lithomelissa stigi*	*Lychnocanium grande*	*Prunopyle hayesi*	*Prunopyle titan*	*Pterocanium charybdeum trilobum*	*Saturnalis circularis*	*Siphonosphaera vesvios*	*Spongotrochus glacialis*	*Stichocorys peregrina*	*Stylosphaera radiosa*	*Stylatractus universus*	*Tricerospyris antarctica*	*Tricerospyris coronata*	Comments
318-U1356A-																																										
1R-1, 3–5	F	G							R		R	R											R		R							F				F				R		
1R-2, 2–4	C	G						R		R	R	C									R		R		R					R		R					cf.					
1R-CC	A	G	R					R	C		F	cf.						+	F	aff.	F		R	R	R							R			R							
2R-CC	R	G																					R																			
3R-CC	C	G		R					F											R	R		R	R							R	F										
4R-CC, 9–11	C	G		R					R										R		R			R						R	R	F										
4R-CC	F	G		R					R										R				R	R						R	R	F										
5R-CC	R	M		+		R			R										R				R	R						R	F	F										
6R-CC	C	M		R		F			R							R			R				F	R							R	R										
7R-CC	A	G		R					F							R							R	R							R	R										
8R-CC	F	G		R					R							R							R	F							R	F										
9R-CC, 9–11	F	G																					R	R							R	R										
9R-CC	F	G							R														R	R							R	R										
10R-CC	F	G							R							F			R				F	R							R	R										
11R-CC	R	M	R?													F				R			F	F							R	F										
12R-CC	A	G				R										R				F			R	F																		
13R-CC	C	G				R										F				R			R	R								F										
14R-CC	A	G				R										F				cf.			F	F–C							F	C										
15R-CC	C	G														F				cf.			R	F							F	F										
16R-CC	F	M														R				cf.			R	R						C	R	F										
17R-CC	C	G														F				cf.			R	R								F										
18R-CC	F	G														R																F										
19R-CC	F	M																					R									F										
20R-CC	A	G														F				cf.			R	R							R	R										
21R-CC	F	G														+							R	R							F	F										
22R-CC	C	G																		cf.			R	R							R	R										
23R-CC	C	G																		cf.			R	R							R	R										
24R-CC	F	G																					R	R							R	R										
25R-CC	R	M																						R								F										
26R-CC	C	M																					R	F		R					R	F										
27R-CC	C	M																					F–R	F–C		R					R	F										
28R-CC	C	M																					F–R	F–C		R					R	F										
29R-CC	R	M																					R	R							R	C										
30R-CC	F	G																					R	F		R					R	F										
31R-CC	F	M																					R	F		R					R	C										
32R*																																										
33R-CC	F	M													R									R		+						C										
34R-CC	C	G													F								R	F		R					R	F										

Table T4 (continued). (Continued on next page.)

Core, section, interval (cm)	Abundance	Preservation	*Acrosphaera australis*	*Acrosphaera murrayana*	*Acrosphaera? labrata*	*Actinomma golownini*	*Amphymenium challengerae*	*Antarctissa cylindrica*	*Antarctissa deflandrei*	*Antarctissa denticulara*	*Antarctissa robusta (= A. antedenticula)*	*Antarctissa strelkovi*	*Cycladophora antiqua*	*Cycladophora davisiana*	*Cycladophora golli regipileus*	*Cycladophora humerus*	*Cycladophora longithorax*	*Cycladophora pliocenica*	*Cycladophora spongothorax*	*Dendrospyris megalocephalis*	*Desmospyris rhodospyroides (= D. hayesi)*	*Desmospyris spongiosa*	*Eucyrtidium calvertense* G	*Eucyrtidium cienkowskii* G	*Eucyrtidium pseudoinflatum*	*Eucyrtidium punctatum*	*Helotholus vema*	*Lampromitra coronata*	*Lithomelissa stigi*	*Lychnocanium grande*	*Prunopyle hayesi*	*Prunopyle titan*	*Pterocanium charybdeum trilobum*	*Saturnalis circularis*	*Siphonosphaera vesvios*	*Spongotrochus glacialis*	*Stichocorys peregrina*	*Stylosphaera radiosa*	*Stylatractus universus*	*Tricerospyris antarctica*	*Tricerospyris coronata*	Comments
35R-CC	F	G													F								F	R		R					R	R										
36R*																																										
37R-CC	A	M													R									F		R					R	R										
38R*																																										
39R-CC	A	M													R									R		R																
40R-CC	R	P																																								Indeterminable
41R-CC	A	M													R									R		R																
42R-CC	R	P																																								Indeterminable
43R-CC	R	P																																								Indeterminable
44R-CC	B																																									
45R-CC	R	P																																								Indeterminable
46R-CC	R	P																																								Indeterminable
47R-CC	B																																									
48R-CC	R	P																																								Indeterminable
49R-CC	R	P																																								Indeterminable
50R-CC	R	P																																								Indeterminable
51R-CC	R	P																																								Indeterminable
52R-CC	R	P																																								Indeterminable
53R-CC	R	P																																								Indeterminable
54R-CC	R	P																																								Indeterminable
55R-CC	B																																									
56R-CC	R	P																																								Indeterminable
57R-CC	B																																									
58R-CC	B																																									
59R-CC	R	P																																								Indeterminable
60R-CC	B																																									
61R-CC	R	P																																								Indeterminable
62R-CC	R	P																																								Indeterminable
63R-CC	B																																									
64R-CC	B																																									Silicified siltstone
65R-CC	B																																									Silicified siltstone
66R-CC	B																																									
67R-CC	R	P																																								Mudstone
68R-CC	B																																									Silicified siltstone
69R-CC	B																																									Silicified siltstone
70R-CC	B																																									
71R-CC	B																																									
72R-CC	B																																									
73R-CC	R	P																																								

Table T4 (continued).

Core, section, interval (cm)	Abundance	Preservation	*Acrosphaera australis*	*Acrosphaera murrayana*	*Acrosphaera? labrata*	*Actinomma golownini*	*Amphymenium challengerae*	*Antarctissa cylindrica*	*Antarctissa deflandrei*	*Antarctissa denticulara*	*Antarctissa robusta (= A. antedenticula)*	*Antarctissa strelkovi*	*Cycladophora antiqua*	*Cycladophora davisiana*	*Cycladophora golli regipileus*	*Cycladophora humerus*	*Cycladophora longithorax*	*Cycladophora pliocenica*	*Cycladophora spongothorax*	*Dendrospyris megalocephalis*	*Desmospyris rhodospyroides (= D. haysi)*	*Desmospyris spongiosa*	*Eucyrtidium calvertense* G	*Eucyrtidium cienkowskii* G	*Eucyrtidium pseudoinflatum*	*Eucyrtidium punctatum*	*Helotholus vema*	*Lampromitra coronata*	*Lithomelissa stigi*	*Lychnocanium grande*	*Prunopyle hayesi*	*Prunopyle titan*	*Pterocanium charybdeum trilobum*	*Saturnalis circularis*	*Siphonosphaera vesvios*	*Spongotrochus glacialis*	*Stichocorys peregrina*	*Stylosphaera radiosa*	*Stylatractus universus*	*Tricerospyris antarctica*	*Tricerospyris coronata*	Comments
74R*																																										
75R-CC	B																																									
76R-CC	R	P																																								
77R-CC	B																																									
78R-CC	B																																									
79R-5, 136–136	B																																									
79R-CC	B																																									
80R-CC	B																																									
81R*																																										
82R-CC	B																																									
83R-CC	B																																									
84R-CC	R	P																																								
85R-CC	B																																									
86R-CC	B																																									
87R-CC	B																																									
88R-CC	B																																									
89R-CC	B																																									
90R-CC	B																																									
91R-CC	B																																									
92R-CC	B																																									
93R-CC	B																																									
94R-CC	B																																									
95R-CC	B																																									
96R-CC	B																																									
97R-CC	B																																									
98R-CC	B																																									
99R-CC	B																																									
100R-CC	B																																									
101R-CC	B																																									
102R-CC	B																																									Fish teeth, pyritized
103R-CC	B																																									
104R-CC	B																																									
105R-CC	B																																									
106R-CC	B																																									

Notes: Abundance: A = abundant, C = common, F = few, R = rare, B = barren. Preservation: G = good, M = medium, P = poor. + = present, ? = uncertainty, cf. = confer, aff. = affinis. * = no radiolarians present. See **"Biostratigraphy"** in the "Methods" chapter for abundance and preservation definitions.