

**Table T8.** Relative abundance of selected diatom taxa, sponge spicules, and silicoflagellates, Hole 1170A. (See table notes. Continued on next three pages.)

**Table T8 (continued).**

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Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	
37X-CC, 16-21	338.80	P	T	<i>Actinocyclus actinochilus</i>
38X-CC, 13-18	347.18	P	T	<i>Actinocyclus curvatus</i>
39X-CC, 19-24	356.53	P	B	<i>Actinocyclus dimorphus</i>
40X-CC, 25-30	367.03	P	R	<i>Actinocyclus ingens</i>
41X-CC, 29-34	376.53	P	A	<i>Actinocyclus ingens</i> var. <i>nodus</i>
42X-CC, 29-34	387.17	MG	A	<i>Actinocyclus ovalis</i>
43X-CC, 14-19	396.63	G	A	<i>Actinocyclus karstenii</i>
44X-CC, 31-36	405.83	G	A	<i>Actinocyclus cf. karstenii</i>
45X-CC, 30-35	410.05	G	A	<i>Actinophythus</i> spp.
46X-CC, 20-25	421.82	MG	A	<i>Asteromphalus parvulus</i>
47X-CC, 10-15	430.95	G	A	<i>Asteromphalus</i> spp.
48X-CC, 26-31	435.26	M	A	<i>Azeptita gombosi</i>
49X-CC, 10-15	450.25	G	F	<i>Azeptita necrenulata</i>
50X-CC, 22-27	456.82			<i>Azeptita nodulifer</i>
51X-CC, 33-38	459.33			<i>Azeptita cf. nodulifer</i>
52X-CC, 47-52	464.27	B		<i>Azeptita oligocenica</i>
				<i>Azeptita praenodulifera</i>
				<i>Azeptita tabularis</i> group
				<i>Cestodiscus antarcticus</i>
				<i>Cestodiscus pulchellus</i>
				<i>Chaetoceros</i> resting spores
				<i>Corethron criophillum</i>
				<i>Coscinodiscus lewisianus</i> var. <i>levis</i>
				<i>Coscinodiscus marginatus</i>
				<i>Coscinodiscus rhombicus</i>
				<i>Coscinodiscus</i> spp.
				<i>Denticulopsis dimorpha</i>
				<i>Denticulopsis hustedtii</i>
				<i>Denticulopsis maccollumii</i>
				<i>Diploneis bombus</i>
				<i>Ethmodiscus rex</i>
				<i>Eucampia antarctica</i>
				<i>Fragilariaopsis auricula</i>
				<i>Fragilariaopsis bartronii</i>
				<i>Fragilariaopsis fossilis</i>
				<i>Fragilariaopsis kerguelensis</i>
				<i>Fragilariaopsis lacrima</i>
				<i>Fragilariaopsis reinholdii</i>
				<i>Fragilariaopsis</i> spp.
				<i>Henniaulus</i> spp.
				<i>Hemidiscus cuneiformis</i>
				<i>Hemidiscus karstenii</i>
				<i>Nitzschia evansensis</i>

Notes: Preservation: G = good, M = moderate, MG = moderate-good, P = poor. Abundance: D = dominant, A = abundant, C = common, F = few, R = rare, T = trace, B = barren.

**Table T8 (continued).**

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	Nitzschia sicula	Proboscia barbtoi	Proboscia praebarbtoi	Syndra jouseana	Pseudodicticerium radiosoreticulatum	Pyxilla fragments	Rhizosolenia bergonii	Rhizosolenia spp.	Rocella gelida	Stellaria microtrias	Stephanopyxis turris	Rocella gelida var. schradieri	Rocella vigilans	Rosiella symmetrica	Sceptronais spp.	Thalassionema nitzschiooides	Thalassionema nitzschiooides var. parva	Thalassiosira complicata	Thalassiosira eccentrica	Thalassiosira fasciculata	Thalassiosira gracilis	Thalassiosira insignia	Thalassiosira inura	Thalassiosira lentiginosa	Thalassiosira leptopus	Thalassiosira oestrupii	Thalassiosira oliveriana	Thalassiosira spp.	Thalassiosira striata	Thalassiosira tetraoestrupii var. reimeri	Thalassiosira torokinai	Thalassiosira trifulta	Thalassiotrix antarctica	Silicoflagellate tests	Sponge spicules
37X-CC, 16-21	338.8	P	T	Nitzschia sicula																								T										
38X-CC, 13-18	347.18	P	T	Proboscia barbtoi																								F										
39X-CC, 19-24	356.53		B	Proboscia praebarbtoi																								C										
40X-CC, 25-30	367.03	P	T	Syndra jouseana																								A										
41X-CC, 29-34	376.53	P	R	Pseudodicticerium radiosoreticulatum																								G										
42X-CC, 29-34	387.17	MG	A																									M										
43X-CC, 14-19	396.63	G	A																									F										
44X-CC, 31-36	405.83	G	A																									G										
45X-CC, 30-35	410.05	G	A																									G										
46X-CC, 20-25	421.82	MG	A																									MG										
47X-CC, 10-15	430.95	G	A																									G										
48X-CC, 26-31	435.26	M	A																									M										
49X-CC, 10-15	450.25	G	A																									F										
50X-CC, 22-27	456.82		F																																			
51X-CC, 33-38	459.33	B																																				
52X-CC, 47-52	464.27	B																																				