Table T12. Radiolarian range chart, Holes U1340A, U1340B, U1340C, and U1340D. (See table notes.) (Continued on next page.)

Core, section	Depth (mbsf) Top	Depth (mbsf) Bottom	Abundance	Preservation	*Actinomma boreale*	*Actinomma medianum*	*Amphimelissa setosa*	*Axoprunum acquilonium*	*Botryostrobus aquilonaris*	*Ceratospyris borealis*	*Collosphaera pyloma*	*Cycladophora cornutoides*	*Cycladophora cosma*	*Cycladophora davisiana*	*Cycladophora sakaii*	*Cyrtocapsella japonica*	*Dendrospyris sakaii*	*Dictyophimus bullatus*	*Dictyophimus hirundo*	*Eucyrtidium asanoi*	*Eucyrtidium inflatum*	*Eucyrtidium matuyamai*	*Lamprocyrtis heteroporos*	*Larcopyle butschlii*	*Lipmanella redondoensis*	*Lithelius barbatus*	*Lychnocanoma magnacornuta*	*Lychnocanoma nipponica sakaii*	*Lychnocanoma parallelipes*	*Phormostichoartus fistula*	*Porodiscus circularis*	*Sphaeropyle langii-robusta* group	*Spongodiscus* sp. (Ling, 1973)	*Spongopyle osculosa*	*Spongotrochus glacialis*	*Spongurus pylomaticus*	*Stichocorys delmontensis*	*Stichocorys peregrina*	*Stylatractus universus*	*Stylochlamydium venustum*	*Stylodictya validispina*	*Thecosphaera akitaensis*
323-U1340A-																																										
1H-CC	3.69	3.90	C	G	F				F	C				C																					F					F	F	
2H-CC	13.65	13.92	A	G	C		F		C	A				A										C				A							F					C	C	
3H-CC	23.12	23.49	A	G	C		F	F		C				C										C				C					F		F	F				C	C	
4H-CC	32.56	32.85	F	G			F			F																		F					F								F	
5H-CC	42.13	42.45	C	G	F					F				C														F												F	F	
6H-CC	51.68	52.02	C	M	F			F	F	F				F																			A								C	
7H-CC	61.20	61.51	C	G	F					C				A					F					F				F					C									
8H-CC	70.69	71.08	C	M	F			F		C				A					C														C								F	
9H-CC	80.11	80.45	F	G	F					F									F														F									
10H-CC	89.63	89.93	C	G						C				A																			F									
11H-CC	99.17	99.52	F	G										F																												
12H-CC	108.61	108.88	F	M						C				F																			F		F					F	F	
13H-CC	118.06	118.63	C	G						C				C					F														C	F	F					F	F	
14H-CC	127.71	127.99	F	G						F				F					F														F		F							
15H-CC	137.00	137.22	C	G						C				A					F														F		F							
16H-CC	146.79	147.04	C	G						C				A					F																					F		
17H-CC	156.21	156.58	F	M						F				A					F														F		F							
18H-CC	165.78	165.99	C	M	F			F		C				F					F			F		F							F	F	F		F							
19H-CC	175.28	175.55	F	M	F					F				F					F			F													F							
20H-CC	184.65	184.82	F	G						F				F																				F	F							
21H-CC	185.52	185.71	F	M										F																												
23H-CC	196.25	196.44	F	M	F			F		F		F										F												F					F			
24H-CC	205.97	206.20	C	M	C			F	F	C				F								F													F							
25H-CC	215.53	215.70	F	M						F				F																												
26H-CC	225.04	225.25	F	P																																						
27H-CC	234.52	234.72	F	M										F																				F								
28H-CC	243.81	243.88	F	M						F																							F							F	F	
29H-CC	253.43	244.08	F	M										F																												
30H-CC	262.96	263.16	F	M				F		F																																
31H-CC	272.38	272.67	C	M				F																									F		F						F	F
32H-CC	281.96	282.17	F	M										F																												
33H-CC	291.44	291.76	F	M																																						
34H-CC	300.36	300.46	F	M						F				F																					F							
35H-CC	310.39	310.68	F	M				F		F				F																				F	F						F	F
36H-CC	318.09	318.30	F	M			F																							F												F
37H-CC	327.17	327.36	F	M										F																					F						F	
38H-CC	333.36	333.55	F	M						F		F		C																											F	
39H-CC	343.39	343.65	F	M						F				F																					F							
40H-CC	351.33	351.43	F	M										F																				F	F	F						F
41H-CC	354.50	354.73	F	M						F				F	F																											
42H-CC	358.58	358.70	F	M																															F							
43H-CC	358.70	358.77	F	M						F				F																												

Table T12 (continued).

Core, section	Depth (mbsf) Top	Depth (mbsf) Bottom	Abundance	Preservation	*Actinomma boreale*	*Actinomma medianum*	*Amphimelissa setosa*	*Axoprunum acquilonium*	*Botryostrobus aquilonaris*	*Ceratospyris borealis*	*Collosphaera pyloma*	*Cycladophora cornutoides*	*Cycladophora cosma*	*Cycladophora davisiana*	*Cycladophora sakaii*	*Cyrtocapsella japonica*	*Dendrospyris sakaii*	*Dictyophimus bullatus*	*Dictyophimus hirundo*	*Eucyrtidium asanoi*	*Eucyrtidium inflatum*	*Eucyrtidium matuyamai*	*Lamprocyrtis heteroporos*	*Larcopyle butschlii*	*Lipmanella redondoensis*	*Lithelius barbatus*	*Lychnocanoma magnacornuta*	*Lychnocanoma nipponica sakaii*	*Lychnocanoma parallelipes*	*Phormostichoartus fistula*	*Porodiscus circularis*	*Sphaeropyle langii-robusta* group	*Spongodiscus* sp. (Ling, 1973)	*Spongopyle osculosa*	*Spongotrochus glacialis*	*Spongurus pylomaticus*	*Stichocorys delmontensis*	*Stichocorys peregrina*	*Stylatractus universus*	*Stylochlamydium venustum*	*Stylodictya validispina*	*Thecosphaera akitaensis*
44X-CC	364.70	365.19	F	M						F				F																												F	
45X-CC	374.64	374.75	F	P										F																													
46X-CC	386.55	386.81	F	M				F		F				F																					F								F
47X-CC	399.05	399.51	F	P						F																																	
48X-CC	409.08	409.32	F	M						F																									F	F							F
49X-CC	417.77	418.06	F	M	F			F		F		F		F																				F	F						F	
50X-CC	424.85	425.16	F	M	F					C				F																												F	
51X-CC	435.32	435.61	F	M	F					F				F																			F		F								
52X-CC	447.48	447.78	F	G				F																									F						F		F	F
53X-CC	457.40	457.72	F	G						F																															F	
54X-CC	457.42	457.82	F	M						F																							F						F		F	F
55X-CC	476.03	476.33	F	M						F				F																												
56X-CC	486.08	486.20	F	M				F																												F						F
57X-CC	492.56	492.92	F	P																														F							F	
58X-CC	495.90	495.92	F	M						F																							F									
59X-CC	514.97	515.21	F	M														F																		F					F	F
63H-CC	546.74	546.77	F	M														F																							F	
64H-CC	555.44	555.66	F	M						F																															F	F
65H-CC	557.37	557.43	F	M						F				F				F																								F
66H-CC	562.87	562.97	F	M														F															F		F				F		F	
67H-CC	565.80	565.90	F	M														F						F											F					F		
68H-CC	575.59	575.99	F	P																				F											F				F		F	
69H-CC	584.79	585.28	F	P																				F											F							
70X-CC	594.92	595.32	F	P																															F					F		
71X-CC	604.51	604.61	F	M				F																F											F	F				F		F
323-U1340B-																																										
1H-CC	6.29	6.43	F	G						F				F														F													F	
2H-CC	16.10	16.35	C	G	F		F			F				C					F									F													F	
3H-CC	25.54	25.79	F	G			F			F				F														F												F	F	
4H-CC	35.15	35.39	C	M	F		C			C				F														F												F	C	
5H-CC	43.90	44.12	F	P																																					F	
6H-CC	54.15	54.43	F	G	F		C		C	F																							F								F	
323-U1340C-																																										
1H-CC	9.47	9.85	A	G	F					C				A					C									C					F							C	C	
2H-CC	19.31	19.57	C	G						C				F					F					F				C							F					F	F	
3H-CC	28.83	29.08	C	G	F		F			C																		F							F					F	F	
323-U1340D-																																										
1H-CC	7.03	7.29	C	G	F					F				C														C												F	C	
2H-CC	17.02	17.21	C	G	F					C				C										F				F							F					F	C	
3H-CC	26.59	26.83	C	G						F				C																					F					F	F	

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