



Table T6. Diatom range chart, Holes U1342A, U1342B, U1342C, and U1342D. (See table notes.)

Core, section	Depth (mbsf)		Abundance	Preservation	Actinocyclus curvatulus Actinocyclus ingens Actinocyclus ingens nodus Actinocyclus ochotensis Actinocyclus oculatus Actinopychus senarius Arachnoidiscus spp. Asteromphalus brookei Asteromphalus robustus Bacteriosira fragilis	Chaetoceros resting spore Chaetoceros vegetative spore Cocconeis costata Coscinodiscus marginatus Coscinodiscus oculus-iridis Cyclotella spp. Delphineis surirella Denticulopsis spp. Detonula confervacea Eunotia spp.	Fragilaropsis cylindrus Mediaria splendida Navicula spp. Neodenticula kamtschatica Neodenticula koizumii Neodenticula seminiae Nitzschia spp. Odontella aurita Opephora marina Paralia sol	Paralia sulcata Porosira glacialis Proboscia barboi Proboscia curvirostris Rhabdonema spp. Rhizosolenia hebetata f. hebetata Rhizosolenia hebetata f. hiemalis Rhizosolenia hebetata f. semispina Rhizosolenia spp. Stellarima microtrias Stephanopyxis horridus Stephanopyxis turris Stephanopyxis zabelinae Tabellaria spp. Thalassionema bacillarlis Thalassionema nitzschiioides Thalassiosira antarctica spore Thalassiosira antiqua Thalassiosira cf. leptopus Thalassiosira jouseae Thalassiosira latimarginata s.l. Thalassiosira oestrupii Thalassiothrix longissima	Diatom zone (NPD) in Yanagisawa and Akiba (1998)																
	Top	Bottom																							
323-U1342A-																									
1H-CC	1.55	1.75	F	P																		C	Neodenticula seminiae (NPD12)		
2H-CC	11.19	11.41	A	M-G	C																	C	Proboscia curvirostris (NPD11)		
3H-CC	20.80	21.01	F	P-M	A																	C	Neodenticula koizumii (NPD9) ?		
4H-CC	30.48	30.75	A	G	C																	C	Undefined		
5H-CC	40.00	40.22	C	M-G	C																	R	Neodenticula seminiae (NPD12)		
6H-CC	48.25	48.35	R	P-M	A																	C	Proboscia curvirostris (NPD11)		
7H-CC	55.64	55.74	F	P-M	F	C	F															C	Neodenticula koizumii (NPD9) ?		
323-U1342B-																									
1H-CC	5.14	5.33	R-F	P	F																			C	Neodenticula seminiae (NPD12)
2H-CC	14.81	15.08	F	P	C																			C	Proboscia curvirostris (NPD11)
3H-CC	24.46	24.81	F	M	C																			C	Neodenticula koizumii (NPD9) ?
4H-CC	33.80	34.07	C	M	F																			C	Undefined
5H-CC	43.50	43.74	C	M	A																			C	Neodenticula seminiae (NPD12)
7H-CC	55.64	55.64	R	P	C																			C	Proboscia curvirostris (NPD11)
323-U1342C-																									
1H-CC	7.09	7.22	A	M-G	C																			C	Neodenticula seminiae (NPD12)
2H-CC	16.85	17.04	R	P	C																			C	Proboscia curvirostris (NPD11)
3H-CC	26.37	26.70	20.80	21.01	C																			C	Undefined
4H-CC	35.75	36.00	30.48	30.48	C																			C	Neodenticula seminiae (NPD12)
5H-CC	45.20	45.42	B																					C	Proboscia curvirostris (NPD11)
6H-CC	45.32	45.68	F	P	C																			C	Undefined
323-U1342D-																									
1H-CC	5.95	6.11	C	P-M	C																			C	Neodenticula seminiae (NPD12)
2H-CC	15.69	15.83	F	P-M	A																			C	Proboscia curvirostris (NPD11)
3H-CC	24.94	25.12	C	P	A																			C	Undefined
4H-CC	34.62	34.83	A	M-G	C																			C	Neodenticula koizumii (NPD9) ?
5H-CC	44.18	44.40	F	P-M	A																			C	Neodenticula koizumii (NPD9) ?

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