Table T8. Diatom range chart, Hole U1341A. (See table notes.)

Core, section	Abundance	Preservation	*Actinocyclus curvatulus*	*Actinocyclus ochotensis*	*Actinocyclus oculatus*	*Actinocyclus senarius*	*Asteromphalus brookei*	*Asteromphalus darwinii* in Koizumii (1968)	*Asteromphalus hyalinus*	*Asteromphalus robustus*	*Azpeitia nodulifera*	*Bacterosira fragilis*	*Chaetoceros* spp. spores	*Cocconeis californica* cf. *kerguelensis*	*Cocconeis costata*	*Cocconeis placentula*	*Cocconeis pribilofensis*	*Cocconeis scutellum*	*Cocconeis vitrea*	*Coscinodiscus marginatus*	*Coscinodiscus oculus-iridis*
323-U1341A-																					
1H-CC	C	M	C										F					R		R	R
2H-CC	C	M	C	R						R		R									F
3H-CC	A	G	C																		
4H-CC	A	M-G	C										F		C						
5H-CC	A	G	C									F			R				R		
6H-CC	C	M-G	A				R								R	R					
7H-CC	F	M-G	C		F													R	R	F	
8H-CC	A	C	C												R				R	F	
9H-CC	C	M-G	C		F						R									C	
10H-CC	A	G	C				R														
11H-CC	A	G	A																R	R	
12H-CC	A	G	R		R																F
13H-CC	C	M-G																			
14H-CC	A	G	F							R			R				R			C	R
15H-CC	A	G	R		F					R					R						
16H-CC	F	M	C	R	C										R					R	
17H-CC	A	G	C		F		R				R									R	
18H-CC	A	G	C	F	F													R		C	
19H-CC	A	G	R						R				C							R	R
20H-CC	A	G	C	R	R					R					R					R	C
21H-CC	A	G	C				R														
22H-CC	A	G	C		C			R		R					R					R	R
23H-CC	A	M-G	C	R																	R
24H-CC	A	G	C	R	F										R					R	
25H-CC	C	G	A	F	F		R			R			R								
26H-CC	A	G	A	R	R	R														F	
27H-CC	A	M-G	A	R					R												R
28H-CC	A	G	C	F				R						R	R						
29H-CC	A	M-G	A	F	C					R											
30H-CC	A	G	C	F						R					F						R
31H-CC	A	G	C	R	R		R														R
32H-CC	A	M-G	A	R	R										R						
33H-CC	A	G	R			R							R							R	F
34H-CC	C	M-G	F							R										C	
35H-CC	A	G	C	F	F															R	
36H-CC	A	G	C		R																
37H-CC	A	G	A		C																
38H-CC	A	G	A	F	C															F	
39H-CC	A	G	C		C																
40H-CC	A	G	A	C	C																
41H-CC	A	G	A	F	C																

Core, section	*Delphineis* cf. *angustata*	*Delphineis kippae*	*Delphineis surirella*	*Detonula confervacea*	*Fragilariopsis cylindrus*	*Fragilariopsis oceanica*	*Grammatophora* spp.	*Neodenticula kamtschatica*	*Neodenticula koizumii*	*Neodenticula seminae*	*Nitzschia* spp.	*Odontella aurita*	*Paralia sol*	*Paralia sulcata*	*Pinnularia* spp.	*Porosira glacialis*	*Proboscia barboi*	*Proboscia curvirostris*	*Rhabdonema* spp.	*Rhizosolenia hebetata* f. *hebetata*	*Rhizosolenia hebetata* f. *hiemalis*	*Rhizosolenia hebetata* f. *semispina*	*Rhizosolenia styliformis*	*Rhizosolenia* spp.	*Stauroneis* spp.	*Stellarima microtrias*
323-U1341A-																										
1H-CC			R					A		C		R		R						R						
2H-CC								A	R	C		R		R						R						
3H-CC										A		R		F						F	F					
4H-CC								R		A		R							F	R		C				
5H-CC				R	R					A		F					R	R		R	C		R			
6H-CC					R					C				R						R	R					
7H-CC										A	R						F	F			F					
8H-CC					R	R				C		R		F			R	C		F	R				R	
9H-CC										A	R					R					R			R		
10H-CC									R	A						F	R			R		F				
11H-CC					F					A				R		F		F		F	F					
12H-CC										A							R	R		R		F				
13H-CC									R	D								R								
14H-CC			R							A				R		F	C					R				
15H-CC										D						R										
16H-CC										A								R		R						
17H-CC										A						R		C		R						R
18H-CC									F	A				R		R	R			F	F	R	F			
19H-CC					F			C		A					R	R				R		F	R			
20H-CC						R		R		A						R	F					R				
21H-CC							R		R	A		R				C	R									
22H-CC		R							R	A			R			R	R					F				
23H-CC									A	A						F						R				
24H-CC									C	C																
25H-CC									A	R				R		R	F									
26H-CC	R								A	C																
27H-CC									A	F																
28H-CC									A							C	R									
29H-CC									C	C						F							R			
30H-CC									A								R					R				
31H-CC									C																	
32H-CC									A	C						R						R				
33H-CC									D	C																
34H-CC									A					R			R			R						
35H-CC									D								F									
36H-CC									A	C		R														
37H-CC									A	F																
38H-CC									A	R				R												
39H-CC									A	F				R			R									
40H-CC									A	C																
41H-CC									A			R		R						R						

Core, section	*Stephanopyxis horridus*	*Stephanopyxis pustulata*	*Stephanopyxis turris*	*Thalassionema nitzschioides*	*Thalassiosira antarctica* spore	*Thalassiosira antiqua*	*Thalassiosira decipiens*	*Thalassiosira eccentrica*	*Thalassiosira gravida*	*Thalassiosira hyalina*	*Thalassiosira jouseae*	*Thalassiosira latimarginata* s.l.	*Thalassiosira* cf. *leptopus*	*Thalassiosira lineata*	*Thalassiosira nordenskioeldii*	*Thalassiosira oestrupii*	*Thalassiosira poroseriata*	*Thalassiosira* spp.	*Thalassiothrix longissima*	*Trachyneis aspera*	Diatom zone (NPD) in Yanagisawa and Akiba (1998)
323-U1341A-																					
1H-CC					F						R		C			F			R		
2H-CC					C	R							A			R			R		*Neodenticula seminae* (NPD12)
3H-CC				R	C						R		C	R					F		
4H-CC			R				R						C		R	C			F		
5H-CC					C		R			C	F	F	C				R		R		
6H-CC	R		R		C				R				C				R		F		
7H-CC	F		F	R	F							R	C		R				C		
8H-CC			R		C						R	C	C						F	R	
9H-CC			R		C	R		R	F			R	C			R			C		*Proboscia curvirostris* (NPD11)
10H-CC			C		F							F	F			R					
11H-CC			F	R	C					R		F	F		R				F		
12H-CC					R								A			R			F		
13H-CC					R				R				R								
14H-CC			F		R		R						F			C					
15H-CC													F			C					
16H-CC												R	C						F		
17H-CC			R		R		R						C			C			R		
18H-CC					F							F	C						C		
19H-CC					R	R					R	C	C		F	F					*Actinocyclus oculatus* (NPD10)
20H-CC			R		F	R	R					R	F	R		R			F		
21H-CC					R								C			C		R			
22H-CC					F	R							C			C					
23H-CC	R	R							R				F			R			R		
24H-CC	F		C					R	C				F			F			A		
25H-CC			R										F			C			R		
26H-CC						R			R				F			F			R		
27H-CC			R			C							C			F					
28H-CC	R		R	R		F						R	C			C			F		
29H-CC	R						R		C				C				F				
30H-CC			F										C			C			F		
31H-CC			C			F						R	A			A			R		
32H-CC			R										C			R			F		*Neodenticula koizumii* (NPD9)
33H-CC													F			R			F		
34H-CC	C		F						R				F					F	C		
35H-CC	R				R		R		R									R			
36H-CC	R	F	A		R	C							F			R					
37H-CC					F	C	F						C								
38H-CC	F		F		F	C							F						F		
39H-CC	C		C		F		F		F				F			F			F		
40H-CC			R										F						F		
41H-CC	R					F		R	F				F			F			F		

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