Expedition 317 Site U1352, Table T16. Diatom abundance, preservation, and distribution, Site U1352. (See table notes.)

Core, section	Top depth CSF-A (m)	Group abundance	Preservation	**Marine**	*Actinocyclus actinochilus*	*Actinocyclus karstenii*	*Actinoptychus bipunctatus*	*Actinoptychus senarius*	*Coscinodiscus radiatus*	*Delphineis* spp.	*Diploneis splendida*	*Fragilariopsis cylindrica*	*Fragilariopsis fossilis*	*Fragilariopsis kerguelensis*	*Fragilariopsis obliquecostata*	*Grammatophora* sp.	*Hemidiscus karstenii*	*Hemidiscus* sp. 1 of Zielinski & Gersonde (2002)	*Hyalodiscus* sp.	*Rhizosolenia hebetata*	*Rhizosolenia hebetata* f. *hiemalis*	*Stephanopyxis turris*	*Stephanopyxis* spp.	*Thalassiosira eccentrica*	*Thalassiosira fasciculata*	*Thalassiosira gracilis*	*Thalassiosira lentiginosa*	*Thalassiosira oestrupii*	*Thalassiosira* spp.	*Thalassiothrix longissima*	**Coastal upwelling**	Resting spores of *Chaetoceros*	**Coastal**	*Paralia sulcata*	*Thalassionema nitzschioides*	**Fresh or brackish water**	*Aulacoseira granulata*	*Cocconeis fasciolata*	*Cyclotella* spp.	*Navicula* spp.	*Nitzschia*? sp. 1	*Pinularia* sp.	*Pleurosigma directum*	Comments
317-U1352A-																																											
1H-CC	4.21	B	—																																								
2H-CC	13.67	B	—																																								
3H-CC	23.10	B	—																																								
4H-CC	33.43	B	—																																								
5H-CC	43.06	B	—																																								
317-U1352B-																																											
1H-CC	7.93	R	P						R			X															X						X									
2H-CC	17.48	B	—																								X															
3H-CC	27.12	X	P																																	X							
4H-CC	36.96	X	P																															X									
5H-CC	46.38	B	—																																							
6H-CC	55.46	R	P						X						X					X							X						R	X								
7H-CC	64.45	B	—																																								
8H-CC	74.56	X	P																																								
9H-CC	83.87	B	—																																								
10H-CC	93.61	B	—																																								
11H-CC	103.14	X	P																																								
12H-CC	112.82	R	M												R											X							R	X								
13H-CC	121.10	F	M							X	F		X		X					X					X		X						X	X			X					
14H-CC	130.26	R	M										R													X						X						X				
15H-CC	141.14	X	P																																							
16H-CC	150.74	F	M								F		F													R	X						R	X	R		R	R		F	X		
17H-CC	155.99	R	M		X								X													X						X		R						X		
18H-CC	164.18	X	P				X																										X									
19H-CC	173.71	R	M					X		X			X	X	X											X						X									
20H-CC	180.38	X	P										X		X							X				X						X	X								
21H-CC	189.06	F	M							R	X		R													X						X					X	F		X	
22H-CC	198.87	F	M				X			X	X		X													R						X					F	F			
23H-CC	208.46	F	M									X	X	X	X							X				X						X	X					F			HO *Fragilariopsis fossilis* (>0.67–0.72 Ma)
24H-CC	217.96	F	M										X							X	X					X						F	X					X			
25H-CC	227.00	R	M							X			X																	X		X	X								
26H-CC	235.48	F	M							X	X	X	X							X						X						X	X					X	R		
27H-CC	246.08	F	M					X					X							X	X					X						X	X						X		
28H-CC	250.70	B	—																																							
29H-CC	257.09	X	P											X																											X	
30H-CC	266.92	X	P								X		X									X								X											
31H-CC	272.44	X	P																																X							
32H-CC	280.84	X	P																													X		X								
33H-CC	288.17	X	P																																							
34H-CC	292.54	X	P								X		R																			R		R			X				
35H-CC	295.24	R	M										X													X						X	X	R			X				
36H-CC	297.01	B	—																																							
37X-CC	299.55	X	P																																X							
38X-CC	310.85	R	M								X											X	X										R		X	X				X	X	
39X-CC	321.55	X	P									X																							X						X	
40X-CC	330.54	B	—																																							
41X-CC	340.91	X	P									X																							X						X	X	
42X-CC	348.59	X	P							X												X													X	X	R				X		
43X-CC	360.08	B	—																																							
44X-CC	369.84	X	P																																	X						
45X-CC	378.55	X	P																																X							
46X-CC	388.95	B	—																																							
47X-CC	398.56	X	P																																	X						
48X-CC	408.18	X	P																																	X	X					
49X-CC	412.30	B	—																																							
50X-CC	427.34	X	P																																							
51X-CC	436.82	B	—																																							
52X-CC	446.38	B	—																																							
53X-CC	455.49	X	P																																X		X					
54X-CC	463.67	X	P																		X														X	X						
55X-CC	469.84	F	M			X						X	X					X		X		X											R		R							HO? *Actinocyclus karstenii* (>1.59–1.87 Ma)
56X-CC	484.83	X	P																																	X						
57X-CC	491.74	B	—																																							
58X-CC	504.14	B	—																																							
59X-CC	507.09	B	—																																							
60X-CC	514.61	B	—																																							
61X-CC	525.34	B	—																																							
62X-CC	542.58	R	M											R							R														X								
63X-CC	552.15	X	P																																	X							
64X-CC	557.28	B	—																																							
65X-CC	562.35	X	P																																							
66X-CC	572.40	X	P																																	X						
67X-CC	573.33	B	—																																							
68X-CC	583.56	B	—																																							
69X-CC	590.70	B	—																																							
70X-CC	601.19	B	—																																							
71X-CC	614.56	B	—																																							
72X-CC	626.26	B	—																																							
73X-CC	637.97	B	—																																							
74X-CC	648.16	B	—																																							
75X-CC	657.75	B	—																																							
76X-CC	667.33	B	—																																							
77X-CC	669.80	B	—																																							
78X-CC	679.51	B	—																																							
79X-CC	687.46	B	—																																							
80X-CC	703.25	B	—																																							
81X-CC	710.42	X	P																																			X				
82X-CC	710.65	X	P																																			X				
83X-CC	715.70	B	—																																							
84X-CC	725.30	X	P																					X						X			R					X				
85X-CC	739.85	B	—																																							
86X-CC	744.85	B	—																																							
87X-CC	756.10	B	—																																							
88X-CC	765.72	B	—																																							
89X-CC	773.20	B	—																																							
90X-CC	783.61	B	—																																							
91X-CC	793.02	B	—																																							
92X-CC	802.78	B	—																																							
93X-CC	811.70	B	—																																							
94X-CC	821.74	B	—																																							
317-U1352C																																											
2R-CC	576.47	B	—																																							
3R-CC	588.04	B	—																																							
4R-CC	601.23	B	—																																							
6R-CC	661.16	B	—																																							
7R-CC	671.20	X	P																																			X				
8R-CC	680.24	X	P																																			X				
9R-CC	690.03	X	P																																			X				
10R-CC	701.00	C	M			X						X		X			X			X							X								C	X	X				
11R-CC	709.73	X	P																																	X						
12R-CC	719.46	X	P																																	X						
13R-CC	728.93	B	—																																							All samples barren from 13R-CC through 148R-CC
*	*		—																																						
148R-CC	1917.90	B	—																																							
317-U1352D																																											
1H-CC	3.55	B	—																																							
2H-CC	13.32	B	—																																							
3H-CC	22.33	B	—																																							
4H-CC	32.60	B	—																																							
5H-CC	41.98	X	P																																X							
6H-CC	51.26	X	P																																X							
7H-CC	60.32	F	M									X							X			X				X						R	X				X	X			
8H-CC	70.00	B	—								X																															
9H-CC	79.80	B	—																																							
10H-CC	88.92	F	M						X		X		X		X								X	X	X							X		R					X			
11H-CC	98.23	X	P																																X							
12H-CC	108.06	X	P											X							X?			X	X						X		R	X				X				HO *Hemidiscus karstenii* (0.28–0.33 Ma)
13H-CC	117.72	B	—																																							
14H-CC	127.61	X	P								X		X		X							X				X															

Notes: Samples 317-U1352C-13R-CC through 148R-CC were barren. Abundance: C = common, F = few, R = rare, B = barren, X = present. Preservation: M = moderate, P = poor, — = no data. HO = highest occurrence.
This table is also available in ASCII.