

Table T2 (continued).

Core, section	Depth (mbsf)	Diatom zone	NPD	Geologic age	Group abundance	Preservation	<i>Actinocyclus oculatus</i>	<i>Crucidentacula nicobarica</i>	<i>Denticulopsis dimorpha</i>	<i>Denticulopsis hyalina</i>	<i>Denticulopsis katayamae</i>	<i>Denticulopsis praedimorpha</i>	<i>Denticulopsis simonsenii</i>	<i>Fragilariopsis doliola</i>	<i>Hemidiscus cuneiformis</i>	<i>Koizumia tatsunokuchiensis</i>	<i>Neodenticula kamtschatica</i>	<i>Neodenticula koizumii</i>	<i>Neodenticula seminae</i>	<i>Nitzschia fossilis</i>	<i>Nitzschia marina</i>	<i>Nitzschia reinholdii</i>	<i>Nitzschia rolandii</i>	<i>Proboscia barboi</i>	<i>Proboscia curvirostris</i>	<i>Rouxia californica</i>	<i>Thalassionema schraderi</i>
43X-CC	405.28	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											A										
44X-CC	414.48	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M									R		C					R					
45X-CC	424.33	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											A										
46X-CC	428.83	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	M											R										
47X-CC	443.68	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G									R		C						R				
48X-CC	453.35	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	M											C										
49X-CC	463.14	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	M									R	R	R										
50X-CC	462.99	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	R	M										T	R										
51X-CC	480.58	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	R	M										T											
52X-CC	482.50	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											R	F		R							
53X-CC	492.25	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M											T	F		R		R					
54X-CC	511.46	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											T	C					R	R			
55X-CC	520.80	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											A										
56X-CC	527.49	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	G											C										
57X-CC	531.67	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G										T	C		R			R					
58X-CC	540.50	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M											F						R				
60X-CC	563.74	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M											F										
61X-CC	571.58	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	R	M											R										
62X-CC	588.49	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	M											F										
63X-CC	589.91	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	M											F										
64X-CC	601.35	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	G											R				R						
65X-CC	609.96	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M											F				R	R					
66X-CC	627.05	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M							r				F										
67X-CC	636.73	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											R										
68X-CC	645.68	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											R										
69X-CC	655.49	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M											F						R				
70X-CC	663.16	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	G										T	R										
71X-CC	674.46	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											R					R					
72X-CC	684.23	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											R										
73X-CC	686.55	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M											R										
74X-CC	702.84	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M											F			R							
75X-CC	713.12	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	G										T	C										
76X-CC	722.85	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	G												C				R					
186-1150B-																											
1R-CC	708.22	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G							r				C					R					
2R-CC	711.93	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	G											C					R				r	
3R-CC	720.11	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	M										T	C		R								
4R-CC	732.49	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											C										
5R-CC	740.07	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											C					R					
6R-CC	756.54	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G								R			F						C				
8R-CC	770.05	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	M											F						R				
9R-CC	781.47	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	G										T	R		R								

Table T2 (continued).

Core, section	Depth (mbsf)	Diatom zone	NPD	Geologic age	Group abundance	Preservation	<i>Actinocyclus oculatus</i>	<i>Crucidentacula nicobarica</i>	<i>Denticulopsis dimorpha</i>	<i>Denticulopsis hyalina</i>	<i>Denticulopsis katayamae</i>	<i>Denticulopsis praedimorpha</i>	<i>Denticulopsis simonsenii</i>	<i>Fragilariopsis doliola</i>	<i>Hemidiscus cuneiformis</i>	<i>Koizumia tatsunokuchiensis</i>	<i>Neodenticula kamtschatica</i>	<i>Neodenticula koizumii</i>	<i>Neodenticula seminiae</i>	<i>Nitzschia fossilis</i>	<i>Nitzschia marina</i>	<i>Nitzschia reinholdii</i>	<i>Nitzschia rolandii</i>	<i>Proboscia barboi</i>	<i>Proboscia curvirostris</i>	<i>Rouxia californica</i>	<i>Thalassionema schraderi</i>
10R-CC	791.04	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M						r					R					R					
11R-CC	802.82	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	G											R					F					
12R-CC	811.91	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	F	M															T						
13R-CC	819.78	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M						r					R					R					
14R-CC	830.48	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G									R		R					F					
15R-CC	837.15	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	F	M											R					T	F				
16R-CC	852.22	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	A	G											R					R	R				
17R-CC	859.53	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M						r															
18R-CC	868.08	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	G						r					R			R		T					
19R-CC	877.53	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M			r								R										
20R-CC	893.02	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M			r								R					R	F				
21R-CC	898.32	<i>N. kamtschatica</i>	7B	early Pliocene–late Miocene	C	M		r									R					T	F	R		R	
22R-CC	910.67	<i>R. californica</i>	7A	late Miocene	R	M									T							F				R	
23R-CC	919.73	<i>R. californica</i>	7A	late Miocene	R	M																T	R			R	
24R-CC	923.46	<i>R. californica</i>	7A	late Miocene	R	P																T	F			T	
25R-CC	939.07	<i>R. californica</i>	7A	late Miocene	R	P																	R			R	
26R-CC	950.30	<i>R. californica</i>	7A	late Miocene	R	P											T			T							
27R-CC	957.41	<i>R. californica</i>	7A	late Miocene	C	P			r														T			R	
28R-CC	968.83	<i>R. californica</i>	7A	late Miocene	C	P											T					T				R	
29R-CC	978.02	<i>R. californica</i>	7A	late Miocene	C	P							r						T			T				R	
30R-CC	987.85	<i>R. californica</i>	7A	late Miocene	C	P						r														T	
31R-CC	992.31	<i>R. californica</i>	7A	late Miocene	F	M			r																	R	
32R-CC	1007.82	<i>R. californica</i>	7A	late Miocene	C	M																				R	
33R-CC	1009.47	<i>R. californica</i>	7A	late Miocene	A	M													R				R	F		R	
34R-CC	1019.99	<i>R. californica</i>	7A	late Miocene	C	M			r			r												F		F	
35R-CC	1031.50	<i>R. californica</i>	7A	late Miocene	C	M						r								F						R	
36R-CC	1044.73	<i>T. schraderi</i>	6B	late Miocene	C	M																				C	
37R-CC	1050.51	<i>T. schraderi</i>	6B	late Miocene	C	M					r		r													R	
38R-CC	1058.56	<i>T. schraderi</i>	6B	late Miocene	C	M																	R			C	
39R-CC	1070.80	<i>T. schraderi</i>	6B	late Miocene	F	P																				F	
40R-CC	1079.21	<i>T. schraderi</i>	6B	late Miocene	C	M																	R			R	
41R-CC	1094.47	<i>D. katayamae</i>	6A	late Miocene	C	M						r	R														
42R-CC	1103.87	<i>D. katayamae</i>	6A	late Miocene	C	M						R	F														
43R-CC	1111.28	<i>D. dimorpha</i>	5D	late Miocene	C	M		R		R		C		R												R	
44R-CC	1115.76	<i>D. dimorpha</i>	5D	late Miocene	C	G	r	F		C		C														R	
45R-CC	1129.85	<i>D. dimorpha</i>	5D	late Miocene	C	M		F		R		R															
46R-CC	1138.94	<i>D. dimorpha</i>	5D	late Miocene	C	M			R	r														R		R	
47R-CC	1147.36	<i>D. dimorpha</i>	5D	late Miocene	C	M			R				F														
48R-CC	1157.71	<i>D. dimorpha</i>	5D	late Miocene	C	M			T				F														
49R-CC	1170.57	<i>Thalassiosira yabei</i>	5C	late Miocene	C	P						r	R														
50R-CC	1180.23	<i>Thalassiosira yabei</i>	5C	late Miocene	C	P							T										T				

Notes: NPD = North Pacific Diatom zones. Abundance: A = abundant, C = common, F = few, R = rare, T = trace, r = reworked. Preservation: G = good, M = moderate, P = poor.