



Table T4. Planktonic foraminifer occurrences and zonation. (See table note.) (Continued on next two pages.)

Core, section, interval (cm)	Depth (mbsf)	Planktonic foraminifer zone	Stage	Planktonic foraminifer abundance	<i>Catapsydrax parvulus</i>	<i>Dentoglobigerina altispira altispira</i>	<i>Fohsella peripheroronda</i>	<i>Globigerina connecta</i>	<i>Globigerina praebulloides praebulloides</i>	<i>Globigerina woodi</i>	<i>Globigerinita glutinata</i>	<i>Globigerinoides mitra</i>	<i>Globigerinoides obliquus</i>	<i>Globigerinoides quadrilobatus</i>	<i>Globigerinoides sacculifer</i>	<i>Globigerinoides subquadratus</i>	<i>Globigerinoides triloba</i>	<i>Globoquadrina baromoenensis</i>	<i>Globoquadrina dehiscens</i>	<i>Globoquadrina langhiana</i>	<i>Globoquadrina venezuelana</i>	<i>Globorotalia archeomenardii</i>	<i>Globorotalia continuosa</i>	<i>Globorotalia obesa</i>	<i>Globorotalia praescitula</i>	<i>Globorotaloides suteri</i>	<i>Paragloborotalia mayeri</i>	<i>Præorbulina sicana</i>	<i>Sphaeroidinellopsis disjuncta</i>	Comments						
313-M0029A-																																				
21R-CC, 0-3	85.61	Unzoned	Unzoned	B																																
22R-CC, 0-4	94.76			B																																
23R-CC, 0-2	116.13			B																																
24R-CC, 8-10	118.54			B																																
25R-CC, 0-2	146.01			B																																
26R-CC, 13-15	149.98			B																																
27R-CC, 0-3	152.01			B																																
28R-CC, 14-17	156.18			B																																
29R-CC, 13-15	158.51			B																																
30R-CC, 0-2	160.81			B																																
33R-CC, 0-2	188.72			B																																
35R-CC, 8-10	195.12			B																																
36R-CC, 0-2	219.28			B																																
37R-CC, 13-15	224.23			B																																
40R-CC, 12-14	231.99			B																																
44R-CC, 0-1	262.37			B																																
46R-CC, 0-1	268.12			B																																
48R-CC, 0-1	274.24			B																																
50R-CC, 0-1	282.81			B																																
52R-CC, 16-18	286.65			B																																
53R-CC, 11-14	292.27			B																																
56R-CC, 15-17	295.49			B																																
58R-CC, 7-8	303.16			B																																
60R-CC, 0-3	310.49			B														X																		
62R-CC, 0-3	315.61	B																																		
63R-CC, 0-2	318.25	B																																		
64R-CC, 0-2	322.20	B																																		
67R-CC, 0-2	331.84	N14 (M11) or older				X		X	X	X																										
68R-1, 145-150	333.41	M10-M11/N13-N14								X				X	X												X							LO <i>Paragloborotalia mayeri</i> (11.4 Ma)		
70R-CC, 0-2	341.04	N14 (M11) or older Unzoned	Serravallian	B																																
74R-2, 84-86	352.59			B																																
75R-CC, 21-23	354.37			B																																
77R-CC, 18-20	358.72			B																																
78R-1, 148-153	360.89			B																																
78R-CC, 0-3	362.49			B																																
81R-CC, 0-2	371.83	M7/N10				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
82R-CC, 13-15	374.31		B				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
84R-CC, 19-20	380.91		B																																	
86R-CC, 17-19	386.82		B																																	



Table T4 (continued). (Continued on next page.)

Core, section, interval (cm)	Depth (mbsf)	Planktonic foraminifer zone	Stage	Planktonic foraminifer abundance	<i>Catapsydrax parvulus</i>	<i>Dentoglobigerina altispira altispira</i>	<i>Fohsella peripheroronda</i>	<i>Globigerina connecta</i>	<i>Globigerina praebulloides praebulloides</i>	<i>Globigerina woodi</i>	<i>Globigerinita glutinata</i>	<i>Globigerinoides mitra</i>	<i>Globigerinoides obliquus</i>	<i>Globigerinoides quadrilobatus</i>	<i>Globigerinoides sacculifer</i>	<i>Globigerinoides subquadratus</i>	<i>Globigerinoides triloba</i>	<i>Globoquadrina barroemouensis</i>	<i>Globoquadrina dehiscens</i>	<i>Globoquadrina langhiana</i>	<i>Globoquadrina venezuelana</i>	<i>Globorotalia archeomenardii</i>	<i>Globorotalia continuosa</i>	<i>Globorotalia obesa</i>	<i>Globorotalia praescitula</i>	<i>Globorotaloides suteri</i>	<i>Paragloborotalia mayeri</i>	<i>Praeorbulina sicana</i>	<i>Sphaeroidinellopsis disjuncta</i>	Comments									
88R-CC, 12-14	392.56	M7/N10	Serravallian	B																																			
90R-CC, 7-9	399.00			B																																			
92R-CC, 0-2	404.92					B			X	X	X																	X											
94R-2, 149-151	411.20					B																																	
97R-3, 13-15	420.49					B		X																															
100R-CC, 32-34	429.83					B	X	X			X		X																										
102R-3, 13-15	435.62					B																																	
104R-CC, 0-4	439.83					B																																	
107R-3, 64-66	447.64					B																																	
108R-CC, 0-5	451.22					B												X	X					X			X	X											
109R-CC, 0-3	453.73					B																																	
110R-CC, 0-2	455.99					B																																	
111R-CC, 14-17	460.49					B																																	
112R-CC, 0-3	463.27					B																																	
114R-CC, 0-5	469.11					B																							X										
116R-CC, 0-5	474.99					B																																	
119R-CC, 10-12	479.85					B						X	X																										
120R-CC, 13-15	484.42					LO			X		X						X		X	X									X								<i>LO Fohsella peripheroronda</i> (13.8 Ma)		
122R-CC, 0-2	490.52					B																																	
124R-2, 133-135	496.45					B																																	
126R-CC, 17-19	502.61					B			X		X								X																				
128R-CC, 10-12	509.09					B																																	
130R-CC, 0-2	514.88					B												X																					
132R-CC, 0-4	521.17					B					X	X		X			X		X									X											
135R-CC, 0-2	528.20					B					X																												
137R-CC, 14-16	533.70					B					X	X		X			X	X	X	X								X	X	X									<i>LO Praeorbulina sicana</i> (14.8 Ma)
139R-CC, 0-2	539.07					B					X																	X											
141R-CC, 0-5	545.36					B																																	
143R-CC, 8-10	551.55			B	X						X				X	X	X	X	X							X		X	X										
144R-1, 64-65	552.20			B	X				X	X					X		X	X								X													
145R, 0-4	556.35			B	X						X																												
146R-CC, 7-9	557.73			B																																			
148R-CC, 0-4	563.84	M5-M6/N8-N9	Langhian	B																																			
150R-2, 149-151	569.80			B		X	X			X		X				X	X	X	X	X							X												
152R-CC, 0-2	576.02			B																																			
154R-CC, 14-16	582.19			B		X				X		X				X	X	X	X	X								X		X	X								
156R-CC, 0-3	588.19			B		X				X				X		X	X	X	X	X		X						X	X	X									
158R-CC, 20-22	592.78			B																																			
161R-2, 150-152	603.38			B																																			
164R-CC, 0-5	612.47			B																																			



Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Planktonic foraminifer zone	Stage	Planktonic foraminifer abundance	<i>Catapsydrax parvulus</i>	<i>Dentoglobigerina altispira altispira</i>	<i>Fohsella peripheroronda</i>	<i>Globigerina connecta</i>	<i>Globigerina praebulloides praebulloides</i>	<i>Globigerina woodi</i>	<i>Globigerinita glutinata</i>	<i>Globigerinoides mitra</i>	<i>Globigerinoides obliquus</i>	<i>Globigerinoides quadrilobatus</i>	<i>Globigerinoides sacculifer</i>	<i>Globigerinoides subquadratus</i>	<i>Globigerinoides triloba</i>	<i>Globoquadrina barroemoenensis</i>	<i>Globoquadrina dehiscens</i>	<i>Globoquadrina langhiana</i>	<i>Globoquadrina venezuelana</i>	<i>Globorotalia archeomenardii</i>	<i>Globorotalia continuosa</i>	<i>Globorotalia obesa</i>	<i>Globorotalia praescitula</i>	<i>Globorotaloides suteri</i>	<i>Paragloborotalia mayeri</i>	<i>Præorbulina sicana</i>	<i>Sphaeroidinellopsis disjuncta</i>	Comments									
166R-CC, 0–4	618.81	M5–6/N8–9	Langhian	B																																			
167R-2, 151–153	621.68			B	X													X	X						X									FO <i>Præorbulina sicana</i> (16.4 Ma)					
169R-CC, 9–11	626.54			B																																			
170R-2, 150–152	630.82	M3–4/N6–7		B																																			
173R-1, 153–156	636.76			B																																			
176R-CC, 30–32	644.26			B																						X										<i>Globorotalia praescitula</i>			
178R-CC, 0–3	652.52	Unzoned	Burdigalian	B																																			
179R-CC, 0–4	652.14			B																																			
181R-2, 88–89	657.64									X	X																												
183R-CC, 0–2	664.27																																						
189R-CC, 16–18	675.22																																						
192R-CC, 15–17	686.21																																						
195R-CC, 10–12	695.29						X	X					X									X	X		X	X													
198R-CC, 0–4	703.76																																						
201R-CC, 0–4	711.48																																						
203R-2, 79–81	715.32																																						
205R-CC, 13–15	722.80																																						
208R-3, 14–16	730.65																																						
209R-1, 0–4	731.51																																						
210R-3, 25–27	737.81																																						
214R-1, 51–53	747.73																																						
217R-1, 0–4	752.86																																						
217R-CC, 11–13	756.33																																						

Note: LO = last occurrence, FO = first occurrence.

Table T5. Dinocyst occurrences and zonation. This table is available in an [oversized format](#).