Site U1404, Table T4. Nannofossil distribution, Site U1404.

Core, section, interval (cm)	Depth (mbsf)	Zone	Nannofossil event	Age	Preservation	Abundance	*Catinaster calyculus*	*Ceratolithus rugosus*	*Chiasmolithus grandis*	*Chiasmolithus oamaruensis*	*Chiasmolithus solitus*	*Coccolithus formosus*	*Coronocyclus nitescens*	*Cyclicargolithus floridanus*	*Dictyococcites bisectus* (>10 µm)	*Discoaster barbadiensis*	*Discoaster brouweri*	*Discoaster deflandrei*	*Discoaster hamatus*	*Discoaster pentaradiatus*	*Discoaster saipanensis*	*Discoaster surculus*	*Discoaster tamalis*	*Discoaster triradiatus*	*Gephyrocapsa* (>4 µm)	*Gephyrocapsa* (>5.5 µm)	*Isthmolithus recurvus*	*Nannotetrina* spp.	*Pseudoemiliania lacunosa*	*Reticulofenestra asanoi*	*Reticulofenestra pseudoumbilicus*	*Reticulofenestra reticulata*	*Reticulofenestra umbilicus* (>14 µm)	*Sphenolithus ciperoensis*	*Sphenolithus disbelemnos*	*Sphenolithus distentus*	*Sphenolithus predistentus*	*Sphenolithus* spp.	*Triquetrorhabdulus carinatus*
342-U1404B-																																							
1H-1, 40	0.41	NN21–NN20	B *Gephyrocapsa* (>5.5 µm)		M	A																			C	C													
1H-1, 135	1.36	NN16–NN15	?T *D. tamalis*		M	A		R									R			R		R	R						F										
1H-2, 45	1.96	NN16			M	A											F		R	F		R	R	R					?R	?R									
1H-CC	2.46	NN15	T *R. pseudoumbilicus*; T *Sphenolithus*	early Pliocene	G	A	VR	R									F		F	F		R	R								F							F	
342-U1404A-																																							
1H-1, 85	0.85	—		—		B																																	
1H-4, 28	4.00	—		—		B																																	
1H-CC	4.70	—		—		B																																	
2H-4, 79	9.44	—		—		B																																	
2H-CC	14.21	—		—		B																																	
3H-CC	22.36	—		—		B																																	
4H-CC		—		—																																			
5H-CC	40.59	—		—		B								F																									
6H-CC	49.36	NN3	?Ta *D. deflandrei*	early Miocene–Oligocene	P–M	R								F																									
7H-3, 106	56.27	NN3		early Miocene–Oligocene	P–M	R								F				F																					
7H-CC	59.11	NN3		early Miocene–Oligocene	P–M	R								F				F																					
8H-3, 115	65.86	NN2	T *T. carinatus*	early Miocene	M	R								F				R																					R
8H-CC	71.30	NN2		early Miocene	M	F								C				F																	R				F
9H-CC	81.06	NN2		early Miocene–late Oligocene	P	R								R				R																					R
10H-5, 115	87.86	NN2		early Miocene	M	F							VR	C				F																	R				R
10H-CC	90.57	NN2		early Miocene	M	C								A				C																	VR				C
11H-3, 100	94.07	NN2		early Miocene	P	F								C				F																					F
11H-CC	96.24	NN2		early Miocene	P	C								A				C																	?				F
12H-3, 100	100.11	NN2		early Miocene	P	F–C								C				C																					C
12H-CC	106.06	NN2	B *S. disbelemnos*?	early Miocene	P	R								C				C																	VR				F
13H-2, 100	107.23	NN2		early Miocene	P	R								C				C																					F
13H-CC	115.07	NN2		early Miocene	M–P	C								C				C																					F
14H-1, 43	115.63	NN2		early Miocene	M–P	F								C				C																					F
14H-CC	124.87	—		—	P	VR								R																									
15H-5, 100	131.56	—		—		B																																	
15H-6, 100	133.03	NN2	B *D. druggii*	—	P	R								F				C																					R
15H-CC	134.71	—		—	P	R								R				R																					R
16H-4, 67	139.37	—		—		B																																	
16H-CC	144.00	—		—		B																																	
17H-2, 55	145.76	NN1	T *D. bisectus*	—		C								C				C																					
17H-CC	153.72	NP25	T *S. ciperoensis*	late Oligocene		R								F				F																VR					VR
18H-4, 63	158.38	NP25	T *C. abisectus*	late Oligocene	M–P	F–C												F																VR					VR
18H-CC	163.20	—		—		B																																	
19H-CC	172.77	?NP25		—	M–P	R								R				R																					R
20H-4, 62	177.33	?NP25		—	P	R								R																									
20H-CC	181.99			—	P	VR								VR																									
21H-3, 93	185.64	NP25	B *S. ciperoensis*	—	G	C									F																			R					R
21H-CC	191.71	—		—		B																																	
22H-CC	194.96	—		—		B																																	
23H-4, 120	200.60	—		—		B																																	
23H-4, 123	200.63	NP21	T *C. formosus*; *R. umbilicus*	early Oligocene	M–G	A						R			C												C						C				C		
23H-5, 30	201.20	NP21		early Oligocene	M–G	A						F			C												F						C				F		
23H-5, 60	201.50	NP21	Ta *C. subdistichus*	early Oligocene	M–G	A						C			C												C						C				C		
23H-6, 50	202.90	NP21		early Oligocene–late Eocene	M–G	A						R			C												C						C						
23H-7, 50	203.90	NP21		early Oligocene–late Eocene	M–G	A						F			C												C						C				F		
23H-CC	204.32	NP21		early Oligocene–late Eocene	M–G	A						R			C												F						C				F		
24H-1, 23	204.53	NP21		early Oligocene–late Eocene	M	A						R			C												R						C						
24H-1, 120	205.51	—		—	VP	R									F	1																	F				VR		
24H-2, 60	206.40	—		—		B																																	
24H-2, 90	206.71	—		—		B																																	
24H-3, 30	207.61	NP19/NP20		—	P	F									C	C					C												C				C		
24H-3, 149	208.79	NP19/NP20	T *D. barbadiensis*	late Eocene	P	C						R			F	F					F						F						C				F		
24H-4, 46	209.26	NP19/NP20		late Eocene	M–G	A				F		F			C	F					F						R						C				C		
24H-5, 30	210.61	NP19/NP20		late Eocene	M–P	C						C			C	C					C											F	C				F		
24H-6, 96 (CC)	212.76	NP19/NP20	B *I. recurvus*	late Eocene	P–M	C						F			F	C					C						F					R	C				F		
25H-1, 100	213.80	NP18		late Eocene	P	F						R			F	F					F						VR					F	F				F		
25H-5, 100	219.80	NP18		late Eocene	P	F									F	F																	F						
25H-CC	220.56	NP17–upper NP16	T *C. grandis*	middle Eocene	P	F			VR						F	F					F						VR						F						
26H-1, 72	221.22	NP17–upper NP16	?B *I. recurvus*	middle Eocene	P	F			VR			F			C	F					F						VR						F						
26H-1, 78	221.28	NP17–upper NP16		middle Eocene	P	F			VR			R			F	F					F											?R	F						
26H-1, 102	221.52	NP17–upper NP16		middle Eocene	VP	R						F			F	R					R												F						
26H-1, 123	221.73	NP17–upper NP16		middle Eocene	P	C			R			F			C	C					C												C						
26H-3, 50	224.00	NP17–upper NP16		middle Eocene	P–M	C			R			R			C	C					F												F						
26H-CC	228.69	—		—		B																																	
27H-CC	236.48	—		—		B																																	
28H-3, 15	239.66	NP17–upper NP16		middle Eocene	P	F			R						F	F					F											R	F						
28H-5, 46	242.96	NP17–upper NP16		middle Eocene	P–M	A			R			F			C	F					F												C						
28H-CC	244.03	NP17–upper NP16	B *D. bisectus*	middle Eocene	P–M	C–A			R			F			C	F					F												C						
29H-1, 64	245.01	—		—		B																																	
29H-3, 59	247.70	—		—		B																																	
29H-5, 36	251.07	—		—		B																																	
29H-CC	253.05	—		—		B																																	
30H-1, 64	253.65	—		—		B																																	
30H-4, 102	257.67	—		—		B																																	
30H-CC	259.72	—		—		B																																	
31H-4, 18	264.39	NP16	No *D. bisectus*	middle Eocene	P–M	A			F							F																	C						
31H-CC	265.27	NP16		middle Eocene	P–M	A			R			F				R					R												A						
32H-CC	270.64	NP16		middle Eocene	P–M	A			F			F				F					R											R	C						
33X-1, 120	272.21	—		—	P–M	A			F							F																	C						
33X-3, 14	274.15	—		—	P–M	B																																	
33X-CC	279.56	?NP16	T *C. solitus*	middle Eocene	P	R					R	F									R												R						
34X-1, 56	281.27	NP16 base?	T *Nannotetrina* spp.	middle Eocene	M	F			F		R	F				R					R							VR				R	R			?!			
34X-7, 60 (CC)	289.83	—		—		B																																	
35X-1, 76	290.17	—		—		B																																	
35X-CC	293.98	—		—		B																																	
36X-1, 67 (CC)	299.80	—		—		B																																	

Preservation: G = good, M = moderate, P = poor. Abundance: A = abundant, C = common, F = few, R = rare, VR = very rare, RR = really rare, B = barren, VB = very barren. T = top, Ta = top of acme, B = bottom. — = not assigned. See **"Biostratigraphy"** in the "Methods" chapter (Norris et al., 2014b) for preservation and abundance definitions.