IODP *Proceedings*, Volume 342 Site U1411, Table T5. Calcareous nannofossil distribution and abundance, Site U1411.

Core, section, interval (cm)	Тор	Depth (mbs Bottom) Midpoint	Zone	Nannofossil event	Age	Preservation	Abundance	Calcidiscus macintyrei	Chiasmolithus altus	Chiasmolithus granais Chiasmolithus oamaruensis	Chiasmolithus solitus	Clausicoccus subdistichus	Coccontrius Torritosus Cyclicargolithus abisectus (>11 µm)	Cyclicargolithus floridanus	Dictyococcites bisectus (>10 µm) Disconter harhodiansis	Discoaster deflandrei	Discoaster druggii	Discoaster saipanensis	Gephyrocapsa (>4 µm)	Gephyrocapsa (>5.5 µm) Helicosphaera euphratis	Helicosphaera sellii	Isthmolithus recurvus	Pseudoemiliania lacunosa	keticulofenestra reticulata Reticulofenestra umbilicus (>14 μm)	Sphenolithus akropodus	Sphenolithus ciperoensis Snhenolithus distentus	Sphenolithus predistentus	Triquetrorhabdulus carinatus
342-U1411B-																													
1H-CC	0.85	0.93	0.89	NN19	T P. lacunosa	Pleistocene	M	F	R											R		р		R					
2H-CC 3H-3, 73	10.80	10.88	10.84	NN19 NN19		Pleistocene	M	R	R R													R		R					
3H-3, 143	14.83	14.83	14.83					B																					
3H-5, 80	17.20	17.20	17.20					В																					
3H-6, 90	18.80	18.80	18.80	NN2	T T. carinatus	early Miocene	М	C							F		F	?1			F								F
3H-CC 4H-CC	20.22	20.30	20.26	NINZ NIP24_NIP25			P	K VR						R	F	R	F R				2								
5H-3, 150	33.90	33.90	33.90	NP24–NP25		late Oligocene	P	VR						R		R	R												
5H-CC	48.80	48.88	48.84	NP24–NP25		late Oligocene	Р	VR						R		R	R												
6H-CC	48.91	48.98	48.95	NP24–NP25		late Oligocene	Р	R		?1				F		F	R										2		
7H-CC	58.38	58.46	58.42	NP24	T S. distentus	early/late Oligocene	P-M	F		1				F		F	R										2 2	23	
8H-CC	67.94 77.09	68.02 77.17	67.98 77.13	NP24 NP24		early/late Oligocene	P-IVI D							F D			K D										К F 1 1	· К	
10H-2, 55	78.95	78.95	78.95	NP24	B.S. ciperoensis	early/late Oligocene	M–G	A						K		F	R										2 F	: R	
10H-4, 55	81.95	81.95	81.95	NP23		early Oligocene	M–G	A								F	R										F	: 1	
10H-CC	86.54	86.63	86.59	NP23		early Oligocene	M–G	А								F	R										1? F	R	
11H-4, 50	91.20	91.20	91.20	NP23	B S. distentus	early Oligocene	M–G	A		R						F											2	<u> </u>	
11H-6, 50	94.20	94.20	94.20	Unzoned		early Oligocene	P-M	С *									D											1	
12H-2, 30	97.70	97.70	97.70	Unzoned		early Oligocene	P	F								c	n											1	
12H-5, 30	102.12	102.12	102.12	NP22	T R. umbilicus	early Oligocene	M	A								C									F			F	
12H-CC	105.32	105.40	105.36	NP22	T I. recurvus	early Oligocene	P-M	Α								С	R						1		1			1	
13H-CC	115.31	115.38	115.35	NP22		early Oligocene	P-M	С		?R				1		F							R		R			F	
14H-CC	124.40	124.45	124.43	NP22		early Oligocene	M	C		?R	?1		F	2		F	R						F		F			F	
15H-CC 16H-1 150	135.55	135.00	135.30	NP22 NP22		early Oligocene	M_C	A		F			F	5 1			R						c		c c	к		F	
16H-2, 50	135.60	135.60	135.60	NP22		early Oligocene	M–G	A		F			A			c	Ň						R		c	R		ċ	
16H-3, 150	138.10	138.10	138.10	NP21	T C. formosus	early Oligocene	M–G	Α		F			С	F		C							R		C	1		C	
16H-CC	141.11	141.38	141.25	NP21		Eocene–Oligocene transition	M–G	А		F	1		А	F		С	F						С		С			F	
17H-3, 150	147.60	147.60	147.60	NP21		Eocene–Oligocene transition	M–G	A		F			C	F		C							C		C			F	
1/H-CC 18H-3_60	153.28	153.35	153.32	NP21 NP21		Eocene–Oligocene transition	M-G	A		F	D		C	F C									C F		C			F	
18H-CC	162.41	162.48	162.45	NP21		Eocene–Oligocene transition	M–G	Â			1		С	F			1						Ċ		c			F	
19H-1, 150	163.60	163.60	163.60	NP21		Eocene–Oligocene transition	G	A					C	F		C							C		C			C	
19H-3, 150	166.60	166.60	166.60	NP19/NP20		Eocene–Oligocene transition	G	Α					F (С		С			1				С		С			F	
19H-CC	172.34	172.41	172.38	NP19/NP20	T D. saipanensis	late Eocene	M–G	A			1		?R (Ç		C	2		F				C		C				
20H-CC	1//.3/	179.00	172.05	NP19/NP20	T.D. barbadiancia	late Eocene	M	A		D	F			F r			D		F				C r		RC			р	
27X-CC	187.30	187.39	178.05	NP19/NP20	TD. Durbadiensis	late Eocene	M–G	A		R	1		R	F		FF	R		F				F		RC			R	
23X-CC	205.20	205.30	205.25	NP19/NP20		late Eocene	M–G	A		R	F		R	F		FF	R		F				R		F C			F	
24X-4, 33	211.03	211.03	211.03	NP19/NP20		late Eocene	M–G	С				1	F	F		FI	F		F				R		C F			R	
24X-CC	212.50	212.58	212.54	NP19/NP20		late Eocene	M–G	А					R	F		CI	F		F				6		C C			F	
25X-CC	222.69	222.77	222.73	NP19/NP20		late Eocene	M-G	A		1				F			F		F				5		FC			R	
26X-CC 27X-1 52	235.10	235.20	235.15	NP19/NP20 NP19/NP20		late Eocene	G-M	A		F	D			F E			K E		F				2						
27X-3, 63	237.34	237.34	237.34	11112/1120	Slump	late Eocene	G	Â			F	F					F		'				2		c c				
27X-4, 70	238.82	238.82	238.82	NP19/NP20	· • •	late Eocene	G–M	A	1	F	F	·	F	F		c i	F		F				2		с с				
27X-5, 72	240.33	240.33	240.33	NP19/NP20	Ta C. erbae	late Eocene	M–G	А	1	F	R			F		FI	F		F				2		с с				
27X-CC	243.33	243.41	243.37	NP19/NP20		late Eocene	G–M	А		F	R		R	F		CI	F		F				F		F C			R	
28X-2, 87	246.97	246.97	246.97	NP19/NP20	Dr. L. rocurs	late Eocene	G-M	A		F	2		R	F r			F r		F				1		C C				
20λ-4, δδ 28X-5, 64	249.98	249.98	249.98	NP19/NP20	Dr I. recurvus	late Eocene	M-G	A		F	∠ F 2 2		к	F			r c		F				I	+					
28X-6, 67	252.77	252.77	252.77	NP18		late Eocene	M–G	Ā	1	F	1		R	F			F		F						FC				
28X-7, 22	253.53	253.53	253.53	NP18	Ba C. erbae; T C. grandis	late Eocene	M–G	А			R 1			F		c i	F		F						FC				
28X-CC	254.42	254.50	254.46	NP18	B C. oamaruensis	late Eocene	M–G	А	1	R	R 1		R	F		C I	F		F						c c				

Preservation: G = good, M = moderate, P = poor. Abundance: A = abundant, C = common, F = few, R = rare, VR = very rare, * = almost barren. B = base, Ba = base of acme, Br = base of rare, T = top, Ta = top of acme. See "Biostratigraphy" in the "Methods" chapter (Expedition 342 Scientists, 2014a) for preservation and abundance definitions.