Chapter 7, Table T1. Distribution of Miocene to Pliocene calcareous nannofossils, Site 1088.

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Amaurolithus amplificus*	*Amaurolithus* cf. *A. atlanticus*	*Amaurolithus delicatus*	*Amaurolithus primus*	*Amaurolithus primus-delicatus*	*Amaurolithus* sp.	*Amaurolithus tricorniculatus*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus premacintyrei*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Ceratolithus* spp.	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Coronocyclus nitescens*	*Cryptococcolithus mediaperforatus*	*Cyclicargolithus floridanus*	*Discoaster asymmetricus*	*Discoaster bellus*	*Discoaster berggrenii*	*Discoaster brouweri*	*Discoaster* cf. *D. pansus*	*Discoaster hamatus*	*Discoaster intercalaris*	*Discoaster loeblichii*	*Discoaster neoerectus*	*Discoaster neohamatus*	*Discoaster pentaradiatus*	*Discoaster prepentaradiatus*	*Discoaster quinqueramus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster tamalis*	*Discoaster variabilis* gr.	*Gephyrocapsa* medium (4–5.5 µm)	*Gephyrocapsa* small	*Hayaster perplexus*	*Hayella aperta*	*Helicosphaera carteri*	*Helicosphaera granulata*	*Helicosphaera sellii*	*Mynilitha convallis*	*Pontosphaera* spp.	*Pseudoemiliania lacunosa*	*Pyrocyclus* spp.	*Reticulofenestra* <3 µm	*Reticulofenestra* >7 µm	*Reticulofenestra* 3–5 µm	*Reticulofenestra* 4–5 µm circular	*Reticulofenestra* 5–7 µm	*Reticulofenestra rotaria*	*Rhabdosphaera* spp.	*Scapholithus fossilis*	*Scyphosphaera* spp.	*Sphenolithus abies*	*Sphenolithus moriformis*	*Syracosphaera* spp.	*Triquetrorhabdulus* sp.
Pleistocene	NN19	177	1088	B	3	H	4	70	70	20.2	20.2	A	M									C	R						A																					R	C			F		F		R	C		A		C					R				R	
Pliocene		177	1088	B	3	H	4	105	106	20.55	20.55	A	M	R								C	F				1		A							3															R			F				R	C		A		C				F						
	NN18	177	1088	B	3	H	4	140	140	20.9	20.9	A	M									C	F						A							7															R			F		R		R	C		VA		A				F					F	
		177	1088	B	3	H	5	30	31	21.3	21.3	A	M	R								C	R				1		C							6															F			F		F			F		A		C				R	R				R	
		177	1088	B	3	H	5	70	70	21.7	21.7	A	M	R								F	R						A							15															R			R		R			C		A		A				R					R	
		177	1088	B	3	H	5	105	106	22.05	22.05	A	M									F	F						A							5																		F		C			F		C		A				R					F	
		177	1088	B	3	H	5	140	140	22.4	22.4	A	M									C	R						A							12																		F		F			C		A		VA	F			R					R	
	NN17	177	1088	B	3	H	6	30	31	22.8	22.8	A	M									F	R						A							7							3											F		F			C		A		A				R					F	
		177	1088	B	3	H	6	70	70	23.2	23.2	A	M									C	F				1		A							13							5								R			C		F			A		VA		A				F					F	
	NN16	177	1088	B	3	H	6	105	106	23.55	23.55	A	M									C	R				1		A							24							13				2							C		R			C		A		F				R					F	
		177	1088	B	3	H	CC	14	19	23.97	23.97	A	M									C	F						A							R							F				F							C		F			A		VA		A									F	
		177	1088	B	4	H	1	70	70	25.2	25.2	A	G									C	F						A				1			4							10				2							R		R			C		VA		F									F	
		177	1088	B	4	H	1	140	140	25.9	25.9	A	G									F	R						A				2			4							15				1	3						R		F			F	R	VA		A									R	
		177	1088	B	4	H	2	140	140	27.4	27.4	A	M							R		F	R						C				1			2							5					3						R		R			C		A		A									R	
		177	1088	B	4	H	3	140	140	28.9	28.9	A	M									F	R						C														1					2						R		R			F	R	VA			F			R					R	
		177	1088	B	4	H	4	70	70	29.7	29.7	A	G									C	R						C				1			7			1				20				4	1						F		F		F	C		VA		F				R						
		177	1088	B	4	H	4	140	140	30.4	30.4	A	G									C	R				R		A				3			19							31				10	3	2		2			F		F		F	F		VA		R				F		R			R	
		177	1088	B	4	H	5	70	70	31.2	31.2	A	M									C	R						C				2			7							16				4	2	1		4			F		F			F		VA						R	R	R			R	
		177	1088	B	4	H	5	140	140	31.9	31.9	A	M									C	R						C				8			10			1				11					2			4	R		F		F		F	C		VA						F	R	R			F	
		177	1088	B	4	H	6	70	70	32.7	32.7	A	G									C	F						A				4			6							6				4	1			27			C		R		C	C		VA		F				F	R	R	R		F	
		177	1088	B	4	H	6	140	140	33.4	33.4	A	M									C	R						A				15			21			1				26				12	2	1		32	R		F		R		F	F		VA		F		RR			R	R	F		F	
	NN14-15	177	1088	B	4	H	7	40	40	33.9	33.9	A	M									C	R						C				8			15			1				13				5	6			35			F				F	F		VA	F	F					R		R		R	
		177	1088	B	5	H	1	70	70	34.7	34.7	A	G									C	R						C				8			3			1				3				1				15			F				F	R		VA	F	F		RR		F		R	R		R	
		177	1088	B	5	H	2	70	70	36.2	36.2	A	M									C	R						C				3			2			1				7				4	1			12			F		R		R	F		VA	R	F					R		F		R	
		177	1088	B	5	H	2	139	139	36.89	36.89	A	M							R		C	R						C				2			5			1				8				3				3			C		F		R	R		VA	R	F		R		F			R		R	
		177	1088	B	5	H	3	70	70	37.7	37.7	A	M				3					C	R						C				1			8			1				12				8		1					F		R			R		VA	R	F		R		R			F		R	
		177	1088	B	5	H	3	139	139	38.39	38.39	A	G									F	R						A				1cf.			12							26				7		1					C		R			R		VA	C	R		F		R			F			
		177	1088	B	5	H	4	70	70	39.2	39.2	A	M				cf.					C	R						C				1			6							12				4		4					F		R		F	R		VA	F	R		R		F			C	R		
		177	1088	B	5	H	4	140	140	39.9	39.9	A	G									C	R										1			16			2				20				7		3					F		R					VA	C	RR		RR		F	R		F		R	
	NN12-13	177	1088	B	5	H	5	68	68	40.68	40.68	A	M	R							1cf.	C	R						C							13							9				9		6					F				R			VA	RR	R		R		R			F	R	R	
		177	1088	B	5	H	6	70	70	42.2	42.2	A	M									C	R						A							1							1											F							VA	RR	C		C		R			F	R		
		177	1088	B	6	H	2	70	70	45.7	45.7	A	M				1					C	R						A							5			2				14				3		2			R		F							A	RR	A	R	VA		F					R	
		177	1088	B	6	H	2	139	139	46.39	46.39	A	M									C	F						A							13			1				8		1		8		1					F						R	VA	RR	A		A		R	R		F	F	F	
		177	1088	B	6	H	3	139	139	47.89	47.89	A	M								1	F	R						C							1							11		1		1							C							VA		VA	R	A		R			F	F	R	
		177	1088	B	6	H	5	70	70	50.2	50.2	A	M				2					C	R						C														4				1		1					F		cf.					A		A	C	R			R		F		R	
Miocene	NN11b	177	1088	B	6	H	7	12	12	52.62	52.62	A	M									F	R						C						2	2							5		7		1							F							A	C	VA	R	R		R			C	F		
		177	1088	B	7	H	1	140	140	54.4	54.4	A	M									C							C					1									4		7				2					F						F	VA	A	A		R		R		R	F	F	R	
		177	1088	B	7	H	2	140	140	55.9	55.9	A	M	R			1		1		1	A	F						C					2	1	1							6		13		1		7					F						F	VA	A	A		C		R			F	F	F	
		177	1088	B	7	H	3	140	140	57.4	57.4	A	M		1		3	1				A	R						C						3				3				8		16				15					R						F	A	A	A		C		R			F	F	R	
		177	1088	B	7	H	4	137	137	58.87	58.87	A	M				1					C	R						C														4		12		2		8					R						F	VA	A	C		F		R			F	F		
		177	1088	B	7	H	5	70	70	59.7	59.7	A	M			1	3					F							C					cf.	3	2			1				14	1	20		2		31					F						R	VA	C	C		C					F	F		
		177	1088	B	7	H	6	70	70	61.2	61.2	A	M				1				1	F	R						C														7		7		1		6					R						F	VA	C	C		C		R		1			R	
		177	1088	B	8	H	1	70	70	63.2	63.2	A	M	R	1		1	2	4		1												1	1	3								6	2	26		1		24					R	RR					R	VA	C	C		C					F	F	.	
		177	1088	B	8	H	1	140	140	63.9	63.9	A	M		1			2				F	F											1					2				1	1	5	F	1		12					R						R	VA	C	A		A					F	F	.	
		177	1088	B	8	H	3	140	140	66.9	66.9	A	M									F							A						1	1							2		2	R			3					R	R					R	A		A		A	1				R	F		
		177	1088	B	8	H	4	70	70	67.7	67.7	A	M	R	1							C	R						C							7			2				7		10		2		6					R	RR						A		VA		A	RR					F		
		177	1088	B	8	H	5	140	140	69.9	69.9	A	M									C	R						A							2			5				9		9	F	7		3					R						R	VA		A		A	RR				F	F		
		177	1088	B	8	H	6	130	130	71.2	71.2	A	M					1	2		cf.	F	R						C						1	2							10		6				2					R	R					F	A		A		VA	RR				R	R		
	NN11a	177	1088	B	8	H	CC	10	15	71.37	71.37	A	M									C							A																										R					R	VA		A		C	RR					F		
		177	1088	B	9	H	1	140	140	73.4	73.4	A	M	R			2					F							A						2	5							7	1	24	F	3		7					R	R						VA		VA		RR					F	F		R
		177	1088	B	9	H	3	70	70	75.63	75.63	A	M									F							C							4			5				8		18	F	2		6					R	F						VA		VA		C					F	F		R
		177	1088	B	9	H	4	70	70	77.13	77.13	A	M									C	R	1					A						1				14				4		12	F	5		15					F	R						A	R	VA		R								R
		177	1088	B	9	H	4	140	140	77.9	77.9	A	M	F								C	F						A					3	1	9			1				8		19				14					F	C					R	A	C	C		VA					R	F		R
		177	1088	B	9	H	6	120	120	80.7	80.7	A	M	R								A							A					3	1	9							3		17				5					R	R					R	C	A	VA		A					R	R		R
		177	1088	B	10	H	1	140	140	82.9	82.9	A	M																A					1	1	8							2	2	6	F	1		48						R					R	C	A	C		A					R	F		
		177	1088	B	10	H	3	70	70	85.2	85.2	A	M									C	R						A						1	5						1	2		7				8												C	A	A		A								
		177	1088	B	10	H	6	70	70	89.7	89.7	A	M	R								C	R						VA					1		11							4	3	8	F			19						R						C	F	A		C					F	F		
		177	1088	B	11	H	2	70	70	93.2	93.2	A	M									C	F						A					1		11			1	2		1	7	1	4	F	1													R	R	A	R		A					F	R		
		177	1088	B	11	H	3	70	70	94.7	94.7	A	M	R								C	R						VA							2			1				6		2										R		RR				A	R	F		C					C	R		
		177	1088	B	11	H	4	70	70	96.2	96.2	A	M									C	R						A					2		29	5	1		1cf.		4	8	4	1										C		RR				A	A	C		A				R	F	F		
		177	1088	B	11	H	4	130	130	96.8	96.8	A	M									C	F						A					1		3	1		1	1cf.			2	2	1									R	C						VA	C	F		A								
	NN10	177	1088	B	11	H	5	70	70	97.7	97.7	A	M									C	F						A							10			2				7	2		F									cf.		RR				VA	C	C		A					F	R		R
		177	1088	B	11	H	6	50	50	99	99	A	M									C	F						A							14			1				6	1		F								R	R		RR				VA	C	A		A					R	F		R
		177	1088	B	12	H	1	70	70	101.2	101.2	A	M									C	F						C					1		30	4					cf.	4											F	F						A	C	A		A					F	F		
		177	1088	B	12	H	2	70	70	102.7	102.7	A	M									C	R						C					cf.		4	5					1	1			F								R	F						C	A	A		C					F	C		
		177	1088	B	12	H	3	70	70	104.2	104.2	A	M									C	R						A					3		cf.	4			1			7	2										F	F					R	VA	A	F		C					R	F		
		177	1088	B	12	H	4	70	70	105.7	105.7	A	M									C							A					4		cf.	4				1	9	1	35										R	R							A	A		A					F	R		
		177	1088	B	12	H	7	10	10	109.6	109.6	A	M									C	R		R				A					4							1	2		2											R					F	F	A	C		A					R	F		
		177	1088	B	13	H	1	70	70	110.7	110.7	A	M									C	R						C		R			5				1			1	14		7		R								R	F					R	C	A	C		VA						F		
	NN9	177	1088	B	13	H	3	70	70	113.7	113.7	A	M									C	R						A					2				2				8		3											R						F	C	A		A					F	F		
		177	1088	B	13	H	4	130	130	115.8	115.8	A	M									C							VA		F			5				2				15				F									R					F		A	A		VA					F	C		RR
		177	1088	B	13	H	5	70	70	116.7	116.7	A	M									C	R						C									2				2																		F	F	A	A		A					R	F		
		177	1088	B	13	H	5	140	140	117.4	117.4	A	M									C			F				A		R			cf.				11				7												R	F					F	R	A	VA		A					F	F		
		177	1088	B	13	H	6	140	140	118.9	118.9	A	M									C	F		F				A		R							15				1				R								R	F					F	R	A	VA		C					F	F		
		177	1088	C	2	H	1	40	40	124.7	122.84	A	M									C	R						A		R							12				4													R					F		C	VA		VA					F	F		
		177	1088	C	2	H	2	70	70	126.5	124.64	A	M									C	R						C		R							1				1													R					F		C	A		A						R		
		177	1088	C	2	H	3	70	70	128	126.14	A	M									C	F						C		R							7				1												R						F		A	A		VA					R	F		
		177	1088	C	2	H	5	70	70	131	129.14	A	M									C				R			C									8																	R					F		A	F		VA					R	R		
		177	1088	C	2	H	6	15	15	131.95	130.09	A	M									C	R			R			A		R							19				1				R									R					F		A	C		VA					F			R
		177	1088	C	3	H	2	70	70	136	134.14	A	M									C	F						C									5																R						R		A	A		VA					R	R		
		177	1088	C	3	H	4	140	140	139.7	137.84	A	M									C	R						A									5								R									R							A	A		A						R		1
		177	1088	C	3	H	6	140	140	142.7	140.84	A	M									C	F						A		R																							R	R					F	C	A	A		VA						F		
		177	1088	C	4	H	1	70	70	144	142.14	A	M									F	R		R				C									2																	R					R	F	A	C		VA						F		
	NN8	177	1088	C	4	H	1	140	140	144.7	142.84	A	M									C	F						C																										1					R	F	VA	F		A						R		1
		177	1088	C	4	H	2	70	70	145.5	143.64	A	M									C	F		1				C																	RR														F		VA	C		A								
		177	1088	C	4	H	3	70	70	147	145.14	A	M									C	F						A																															R		VA	F		A						R		
		177	1088	C	4	H	5	70	70	150	148.14	A	M									F	R			R			C																																	A	F		VA					R	R		
		177	1088	C	4	H	6	140	140	152.2	150.34	A	M									C	F			R			A																															F		VA	F		VA								
		177	1088	C	5	H	2	140	140	155.7	153.84	A	M									C	F			R			C																										R					F		A	F		A					R	R		
		177	1088	C	5	H	3	140	140	157.2	155.34	A	M									C	F			R			A																										R					F		VA	F		VA						R		R
		177	1088	C	6	X	1	70	70	164	161.14	A	M									F	R			R			A																															R		A	C		VA						R		
		177	1088	C	6	X	3	10	10	165.4	163.54	A	M									F	R			R			A																															F		VA	A		VA								
		177	1088	C	7	X	2	70	70	167.87	166.01	A	M									C	C			R			A																																	VA	C		A					R	R		
		177	1088	C	7	X	3	70	70	169.37	167.51	A	M									C	R			R			A																															F		A	C		C						R		
		177	1088	C	7	X	3	140	140	170.07	168.21	A	M									C	R					R																																R		A	C		VA					R			
		177	1088	C	7	X	4	70	70	170.87	169.01	A	M									C	R						A																															F		A	C		A					R	R		
		177	1088	C	7	X	4	140	140	171.57	169.71	A	M									F	R			R			C																										R					R		A	A		VA					R	R		
	NN7	177	1088	C	7	X	CC	16	21	171.83	169.97	A	M									C	F					F	A																										F							C									R		
		177	1088	C	8	X	1	70	70	176.3	174.44	A	M									C	F			R		F	C																										R					F		A	C		A					F	F		RR
		177	1088	C	8	X	1	140	140	177	175.14	A	M									C	R			R			C																										R					F		A	A		A					R			
		177	1088	C	8	X	2	70	70	177.8	175.94	A	M									C	F					R	C																															R		VA	C		C						R		
		177	1088	C	8	X	2	140	140	178.5	176.64	A	M									C	F					C	A																															F		VA	F		A								
		177	1088	C	8	X	3	70	70	179.3	177.44	A	M									C	F					F	C		R																								R					F		A	F		A								
		177	1088	C	8	X	6	140	140	184.5	182.64	A	M									F	R					F	F																															R		A	F		C								
		177	1088	C	9	X	2	140	140	188.1	186.24	A	M									C	R			F		C	C																										R					F		A	F		C					R	F		
		177	1088	C	9	X	5	140	140	192.6	190.74	A	P									F	R			R		R	C																	R									R					R		A			F					R	R		1
		177	1088	C	10	X	1	70	70	195.5	193.64	A	M									C	R						C																									R	F						VA	A	C		C					R	F		
		177	1088	C	10	X	2	140	140	197.7	195.84	A	M									F	R						C																										R					R		A	F		C						R		
		177	1088	C	10	X	4	70	70	200	198.14	A	M									F	R					R	C																															F		A	C		A						R		
		177	1088	C	10	X	5	140	140	202.2	200.34	A	M									C	R					R	A																										R					R		VA	C		A								
		177	1088	C	11	X	1	140	140	205.8	203.94	A	M									F	R	1		R			A																															R		VA	F		A					R			
		177	1088	C	11	X	2	60	60	206.5	204.64	A	M									F	R	1cf.				F	F	1		1																							R					R		VA	R		C								R
		177	1088	C	11	X	3	70	70	207.57	205.49	A	M									C	R	1cf.		R		R	C	3	cf.																						1cf.	R					R		VA	F		C					R			R
		177	1088	C	11	X	3	140	140	208.27	206.19	A	M									C	F					F	C																										R					R		VA			C								
		177	1088	C	11	X	4	20	21	208.57	206.49	A	M									C	F	3		R		R	C																										R					R		A	RR		C								
	NN6	177	1088	C	11	X	CC	72	77	209.37	207.29	A	G									C		F				R	A	F																														F		A			A								
		177	1088	C	12	X	1	20	20	214.3	212.44	A	M									F		R				R	A	1		RR																							F					R		A	R		A								
		177	1088	C	12	X	CC	89	94	215.37	213.51	A	G									C		C		C		R	A	C		C																							F							F											
		177	1088	C	13	X	1	70	70	224.4	222.54	A	M									F		F		R		F	C	R		R																							F					R	R	VA	F		C					F	R		cf.
		177	1088	C	13	X	2	70	70	225.9	224.04	A	M									F		C		R		R	C	F		F																					R		F						R	A	C		VA					R	F		
		177	1088	C	13	X	4	70	70	228.9	227.04	A	M									F		C		F		R	A	F		F																					R		F					R		R	A		VA					R	R		
		177	1088	C	13	X	5	70	70	230.4	228.54	A	M									C		C		R			A	C		F														R							R		F					R	R	R	A		VA						F		
		177	1088	C	13	X	6	70	70	231.9	230.04	A	M									C		C				C	A	C	R	C														C							R							R	R		A		VA						R		
		177	1088	C	13	X	7	20	20	232.9	231.04	A	M									R		F				F	A	F		C																					F		F								A		VA						F		
		177	1088	C	13	X	CC	17	22	233.27	231.41	A	M									C		C				R	A	A		A																							F										C						R		

Notes: Abundance: VA = very abundant, A = abundant, C = common, F = few, R = rare, RR = very rare, B = barren. Preservation: G = good, M = moderate, P = poor. r = reworked. Zonation is by Martini (1971). This table is also available in **ASCII format.**

Table T1. Distribution of Miocene to Pliocene calcareous nannofossils, Site 1088. (Continued on next 11 pages.)

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Amaurolithus amplificus*	*Amaurolithus* cf. *A. atlanticus*	*Amaurolithus delicatus*	*Amaurolithus primus*	*Amaurolithus primus-delicatus*	*Amaurolithus* sp.	*Amaurolithus tricorniculatus*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus premacintyrei*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Ceratolithus* spp.	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Coronocyclus nitescens*	*Cryptococcolithus mediaperforatus*	*Cyclicargolithus floridanus*	*Discoaster asymmetricus*	*Discoaster bellus*	*Discoaster berggrenii*	*Discoaster brouweri*	*Discoaster* cf. *D. pansus*	*Discoaster hamatus*	*Discoaster intercalaris*
Pleistocene	NN19	177	1088	B	3	H	4	70	70	20.2	20.2	A	M									C	R					A									
		177	1088	B	3	H	4	105	106	20.55	20.55	A	M	R								C	F				1	A					3				
	NN18	177	1088	B	3	H	4	140	140	20.9	20.9	A	M									C	F					A					7				
		177	1088	B	3	H	5	30	31	21.3	21.3	A	M	R								C	R				1	C					6				
		177	1088	B	3	H	5	70	70	21.7	21.7	A	M	R								F	R					A					15				
		177	1088	B	3	H	5	105	106	22.05	22.05	A	M									F	F					A					5				
		177	1088	B	3	H	5	140	140	22.4	22.4	A	M									C	R					A					12				
	NN17	177	1088	B	3	H	6	30	31	22.8	22.8	A	M									F	R					A					7				
		177	1088	B	3	H	6	70	70	23.2	23.2	A	M									C	F				1	A					13				
	NN16	177	1088	B	3	H	6	105	106	23.55	23.55	A	M									C	R				1	A					24				
		177	1088	B	3	H	CC	14	19	23.97	23.97	A	M									C	F					A					R				
		177	1088	B	4	H	1	70	70	25.2	25.2	A	G									C	F					A				1	4				
		177	1088	B	4	H	1	140	140	25.9	25.9	A	G									F	R					A				2	4				
		177	1088	B	4	H	2	140	140	27.4	27.4	A	M								R	F	R					C				1	2				
		177	1088	B	4	H	3	140	140	28.9	28.9	A	M									F	R					C									
		177	1088	B	4	H	4	70	70	29.7	29.7	A	G									C	R					C				1	7				1
		177	1088	B	4	H	4	140	140	30.4	30.4	A	G									C	R				R	A				3	19				
Pliocene		177	1088	B	4	H	5	70	70	31.2	31.2	A	M									C	R					C				2	7				
		177	1088	B	4	H	5	140	140	31.9	31.9	A	M									C	R					C				8	10				1
		177	1088	B	4	H	6	70	70	32.7	32.7	A	G									C	F					A				4	6				
		177	1088	B	4	H	6	140	140	33.4	33.4	A	M									C	R					A				15	21				1
	NN14-15	177	1088	B	4	H	7	40	40	33.9	33.9	A	M									C	R					C				8	15				1
		177	1088	B	5	H	1	70	70	34.7	34.7	A	G									C	R					C				8	3				1
		177	1088	B	5	H	2	70	70	36.2	36.2	A	M									C	R					C				3	2				1
		177	1088	B	5	H	2	139	139	36.89	36.89	A	M								R	C	R					C				2	5				1
		177	1088	B	5	H	3	70	70	37.7	37.7	A	M				3					C	R					C				1	8				1
		177	1088	B	5	H	3	139	139	38.39	38.39	A	G									F	R					A				1cf.	12				
		177	1088	B	5	H	4	70	70	39.2	39.2	A	M				cf.					C	R					C				1	6				
		177	1088	B	5	H	4	140	140	39.9	39.9	A	G									C	R									1	16				2
		177	1088	B	5	H	5	68	68	40.68	40.68	A	M	R							1cf.	C	R						C				13				
		177	1088	B	5	H	6	70	70	42.2	42.2	A	M									C	R					A					1				
	NN12-13	177	1088	B	6	H	2	70	70	45.7	45.7	A	M				1					C	R					A					5				2
		177	1088	B	6	H	2	139	139	46.39	46.39	A	M									C	F					A					13				1
		177	1088	B	6	H	3	139	139	47.89	47.89	A	M								1	F	R					C					1				
		177	1088	B	6	H	5	70	70	50.2	50.2	A	M				2					C	R					C									
		177	1088	B	6	H	7	12	12	52.62	52.62	A	M									F	R					C					2	2			
Miocene	NN11b	177	1088	B	7	H	1	140	140	54.4	54.4	A	M									C						C				1					
		177	1088	B	7	H	2	140	140	55.9	55.9	A	M	R			1		1		1	A	F					C				2	1	1			
		177	1088	B	7	H	3	140	140	57.4	57.4	A	M		1		3	1				A	R					C					3				3

Table T1 (continued).

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Discoaster loeblichii*	*Discoaster neoerectus*	*Discoaster neohamatus*	*Discoaster pentaradiatus*	*Discoaster prepentaradiatus*	*Discoaster quinqueramus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster tamalis*	*Discoaster variabilis* gr.	*Gephyrocapsa* medium (4–5.5 µm)	*Gephyrocapsa* small	*Hayaster perplexus*	*Hayella aperta*	*Helicosphaera carteri*	*Helicosphaera granulata*	*Helicosphaera sellii*	*Mynilitha convallis*	*Pontosphaera* spp.	*Pseudoemiliania lacunosa*	*Pyrocyclus* spp.	*Reticulofenestra* <3 µm	*Reticulofenestra* >7 µm	*Reticulofenestra* 3–5 µm	*Reticulofenestra* 4–5 µm circular
Pleistocene	NN19	177	1088	B	3	H	4	70	70	20.2	20.2	A	M												R	C			F		F		R	C		A		C	
		177	1088	B	3	H	4	105	106	20.55	20.55	A	M	R												R				F				R	C		A		C	
	NN18	177	1088	B	3	H	4	140	140	20.9	20.9	A	M													R				F		R		R	C		VA		A	
		177	1088	B	3	H	5	30	31	21.3	21.3	A	M	R												F				F		F			C		A		C	
		177	1088	B	3	H	5	70	70	21.7	21.7	A	M	R												R				R		R			C		A		A	
		177	1088	B	3	H	5	105	106	22.05	22.05	A	M																	F		C			F		C		A	
		177	1088	B	3	H	5	140	140	22.4	22.4	A	M																	F		F			C		A		VA	F
	NN17	177	1088	B	3	H	6	30	31	22.8	22.8	A	M					3												F		F			C		A		A	
		177	1088	B	3	H	6	70	70	23.2	23.2	A	M					5								R				C		F			A		VA		A	
	NN16	177	1088	B	3	H	6	105	106	23.55	23.55	A	M					13			2									C		R			C		A		F	
		177	1088	B	3	H	CC	14	19	23.97	23.97	A	M					F			F									C		F			A		VA		A	
		177	1088	B	4	H	1	70	70	25.2	25.2	A	G					10			2									R		R			C		VA		F	
		177	1088	B	4	H	1	140	140	25.9	25.9	A	G					15			1	3								R		F			F	R	VA		A	
		177	1088	B	4	H	2	140	140	27.4	27.4	A	M					5				3								R		R			C		A		A	
		177	1088	B	4	H	3	140	140	28.9	28.9	A	M					1				2								R		R			F	R	VA			F
		177	1088	B	4	H	4	70	70	29.7	29.7	A	G					20			4	1								F		F		F	C		VA		F	
		177	1088	B	4	H	4	140	140	30.4	30.4	A	G					31			10	3	2			2				F		F		F	F		VA		R	
Pliocene		177	1088	B	4	H	5	70	70	31.2	31.2	A	M					16			4	2	1			4				F		F			F		VA			
		177	1088	B	4	H	5	140	140	31.9	31.9	A	M					11				2				4	R			F		F		F	C		VA			
		177	1088	B	4	H	6	70	70	32.7	32.7	A	G					6			4	1				27				C		R		C	C		VA		F	
		177	1088	B	4	H	6	140	140	33.4	33.4	A	M					26			12	2	1			32	R			F		R		F	F		VA		F	
	NN14-15	177	1088	B	4	H	7	40	40	33.9	33.9	A	M					13			5	6				35				F				F	F		VA	F	F	
		177	1088	B	5	H	1	70	70	34.7	34.7	A	G					3			1					15				F				F	R		VA	F	F	
		177	1088	B	5	H	2	70	70	36.2	36.2	A	M					7			4	1				12				F		R		R	F		VA	R	F	
		177	1088	B	5	H	2	139	139	36.89	36.89	A	M					8			3					3				C		F		R	R		VA	R	F	
		177	1088	B	5	H	3	70	70	37.7	37.7	A	M					12			8		1							F		R			R		VA	R	F	
		177	1088	B	5	H	3	139	139	38.39	38.39	A	G					26			7		1							C		R			R		VA	C	R	
		177	1088	B	5	H	4	70	70	39.2	39.2	A	M					12			4		4							F		R		F	R		VA	F	R	
		177	1088	B	5	H	4	140	140	39.9	39.9	A	G					20			7		3							F		R					VA	C	RR	
	NN12-13	177	1088	B	5	H	5	68	68	40.68	40.68	A	M	R				9			9		6							F				R			VA	RR	R	
		177	1088	B	5	H	6	70	70	42.2	42.2	A	M					1												F							VA	RR	C	
		177	1088	B	6	H	2	70	70	45.7	45.7	A	M					14			3		2				R			F							A	RR	A	R
		177	1088	B	6	H	2	139	139	46.39	46.39	A	M					8	1		8		1							F						R	VA	RR	A	
		177	1088	B	6	H	3	139	139	47.89	47.89	A	M					11	1		1									C							VA		VA	R
		177	1088	B	6	H	5	70	70	50.2	50.2	A	M					4			1		1							F		cf.					A		A	C
		177	1088	B	6	H	7	12	12	52.62	52.62	A	M					5	7		1									F							A	C	VA	R
Miocene	NN11b	177	1088	B	7	H	1	140	140	54.4	54.4	A	M					4	7				2							F						F	VA	A	A	
		177	1088	B	7	H	2	140	140	55.9	55.9	A	M	R				6	13		1		7							F						F	VA	A	A	
		177	1088	B	7	H	3	140	140	57.4	57.4	A	M					8	16				15							R						F	A	A	A	

Table T1 (continued).

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Reticulofenestra* 5–7 µm	*Reticulofenestra rotaria*	*Rhabdosphaera* spp.	*Scapholithus fossilis*	*Scyphosphaera* spp.	*Sphenolithus abies*	*Sphenolithus moriformis*	*Syracosphaera* spp.	*Triquetrorhabdulus* sp.
Pleistocene	NN19	177	1088	B	3	H	4	70	70	20.2	20.2	A	M					R				R	
		177	1088	B	3	H	4	105	106	20.55	20.55	A	M	R			F						
	NN18	177	1088	B	3	H	4	140	140	20.9	20.9	A	M				F					F	
		177	1088	B	3	H	5	30	31	21.3	21.3	A	M	R			R	R				R	
		177	1088	B	3	H	5	70	70	21.7	21.7	A	M	R			R					R	
		177	1088	B	3	H	5	105	106	22.05	22.05	A	M				R					F	
		177	1088	B	3	H	5	140	140	22.4	22.4	A	M				R					R	
	NN17	177	1088	B	3	H	6	30	31	22.8	22.8	A	M				R					F	
		177	1088	B	3	H	6	70	70	23.2	23.2	A	M				F					F	
	NN16	177	1088	B	3	H	6	105	106	23.55	23.55	A	M				R					F	
		177	1088	B	3	H	CC	14	19	23.97	23.97	A	M									F	
		177	1088	B	4	H	1	70	70	25.2	25.2	A	G									F	
		177	1088	B	4	H	1	140	140	25.9	25.9	A	G									R	
		177	1088	B	4	H	2	140	140	27.4	27.4	A	M									R	
		177	1088	B	4	H	3	140	140	28.9	28.9	A	M				R					R	
		177	1088	B	4	H	4	70	70	29.7	29.7	A	G				R						
		177	1088	B	4	H	4	140	140	30.4	30.4	A	G				F		R			R	
		177	1088	B	4	H	5	70	70	31.2	31.2	A	M				R	R	R			R	
Pliocene		177	1088	B	4	H	5	140	140	31.9	31.9	A	M				F	R	R			F	
		177	1088	B	4	H	6	70	70	32.7	32.7	A	G				F	R	R	R		F	
		177	1088	B	4	H	6	140	140	33.4	33.4	A	M		RR			R	R	F		F	
	NN14-15	177	1088	B	4	H	7	40	40	33.9	33.9	A	M					R		R		R	
		177	1088	B	5	H	1	70	70	34.7	34.7	A	G		RR		F		R	R		R	
		177	1088	B	5	H	2	70	70	36.2	36.2	A	M					R		F		R	
		177	1088	B	5	H	2	139	139	36.89	36.89	A	M		R		F			R		R	
		177	1088	B	5	H	3	70	70	37.7	37.7	A	M		R		R			F		R	
		177	1088	B	5	H	3	139	139	38.39	38.39	A	G		F		R			F			
		177	1088	B	5	H	4	70	70	39.2	39.2	A	M		R		F			C	R		
		177	1088	B	5	H	4	140	140	39.9	39.9	A	G		RR		F	R		F		R	
	NN12-13	177	1088	B	5	H	5	68	68	40.68	40.68	A	M	R	R		R			F	R	R	
		177	1088	B	5	H	6	70	70	42.2	42.2	A	M		C		R			F	R		
		177	1088	B	6	H	2	70	70	45.7	45.7	A	M		VA		F					R	
		177	1088	B	6	H	2	139	139	46.39	46.39	A	M		A		R	R		F	F	F	
		177	1088	B	6	H	3	139	139	47.89	47.89	A	M		A		R			F	F	R	
		177	1088	B	6	H	5	70	70	50.2	50.2	A	M		R			R		F		R	
		177	1088	B	6	H	7	12	12	52.62	52.62	A	M		R		R			C	F		
Miocene	NN11b	177	1088	B	7	H	1	140	140	54.4	54.4	A	M		R		R		R	F	F	R	
		177	1088	B	7	H	2	140	140	55.9	55.9	A	M	R	C		R			F	F	F	
		177	1088	B	7	H	3	140	140	57.4	57.4	A	M		C		R			F	F	R	

Table T1 (continued).

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Amaurolithus amplificus*	*Amaurolithus* cf. *A. atlanticus*	*Amaurolithus delicatus*	*Amaurolithus primus*	*Amaurolithus primus-delicatus*	*Amaurolithus* sp.	*Amaurolithus tricorniculatus*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus premacintyrei*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Ceratolithus* spp.	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Coronocyclus nitescens*	*Cryptococcolithus mediaperforatus*	*Cyclicargolithus floridanus*	*Discoaster asymmetricus*	*Discoaster bellus*	*Discoaster berggrenii*	*Discoaster brouweri*	*Discoaster* cf. *D. pansus*	*Discoaster hamatus*	*Discoaster intercalaris*
Miocene	NN11b	177	1088	B	7	H	4	137	137	58.87	58.87	A	M				1					C	R					C										
		177	1088	B	7	H	5	70	70	59.7	59.7	A	M			1	3					F						C					cf.	3	2		1
		177	1088	B	7	H	6	70	70	61.2	61.2	A	M				1				1	F	R					C										
		177	1088	B	8	H	1	70	70	63.2	63.2	A	M	R	1		1	2	4		1											1	1	3				
		177	1088	B	8	H	1	140	140	63.9	63.9	A	M		1			2				F	F										1					2
		177	1088	B	8	H	3	140	140	66.9	66.9	A	M									F							A					1	1			
		177	1088	B	8	H	4	70	70	67.7	67.7	A	M	R	1							C	R						C							7		2
		177	1088	B	8	H	5	140	140	69.9	69.9	A	M									C	R						A							2		5
		177	1088	B	8	H	6	130	130	71.2	71.2	A	M					1	2		cf.	F	R						C					1	2			
		177	1088	B	8	H	CC	10	15	71.37	71.37	A	M									C							A									
		177	1088	B	9	H	1	140	140	73.4	73.4	A	M	R			2					F							A					2	5			
		177	1088	B	9	H	3	70	70	75.63	75.63	A	M									F							C							4		5
		177	1088	B	9	H	4	70	70	77.13	77.13	A	M									C	R						A					1				14
		177	1088	B	9	H	4	140	140	77.9	77.9	A	M	F								C	F						A					1	9			1
		177	1088	B	9	H	6	120	120	80.7	80.7	A	M	R								A							A					3	1	9			
	NN11a	177	1088	B	10	H	1	140	140	82.9	82.9	A	M																A					1	1	8			
		177	1088	B	10	H	3	70	70	85.2	85.2	A	M									C	R						A						1	5			
		177	1088	B	10	H	6	70	70	89.7	89.7	A	M	R								C	R						VA					1		11			
		177	1088	B	11	H	2	70	70	93.2	93.2	A	M									C	F						A					1		11			1
		177	1088	B	11	H	3	70	70	94.7	94.7	A	M	R								C	R						VA							2			1
		177	1088	B	11	H	4	70	70	96.2	96.2	A	M									C	R						A					2		29	5	1	
		177	1088	B	11	H	4	130	130	96.8	96.8	A	M									C	F						A					1		3	1		1
	NN10	177	1088	B	11	H	5	70	70	97.7	97.7	A	M									C	F						A							10			2
		177	1088	B	11	H	6	50	50	99	99	A	M									C	F						A							14			1
		177	1088	B	12	H	1	70	70	101.2	101.2	A	M									C	F						C					1		30	4		
		177	1088	B	12	H	2	70	70	102.7	102.7	A	M									C	R						C					cf.		4	5		
		177	1088	B	12	H	3	70	70	104.2	104.2	A	M									C	R						A					3		cf.	4		
		177	1088	B	12	H	4	70	70	105.7	105.7	A	M									C							A					4		cf.	4		
		177	1088	B	12	H	7	10	10	109.6	109.6	A	M									C	R			R			A					4					
		177	1088	B	13	H	1	70	70	110.7	110.7	A	M									C	R						C		R			5				1	
	NN9	177	1088	B	13	H	3	70	70	113.7	113.7	A	M									C	R						A					2				2	
		177	1088	B	13	H	4	130	130	115.8	115.8	A	M									C							VA		F			5				2	
		177	1088	B	13	H	5	70	70	116.7	116.7	A	M									C	R						C									2	
		177	1088	B	13	H	5	140	140	117.4	117.4	A	M									C				F			A		R			cf.				11	
		177	1088	B	13	H	6	140	140	118.9	118.9	A	M									C	F			F			A		R							15	
		177	1088	C	2	H	1	40	40	124.7	122.84	A	M									C	R						A		R							12	
		177	1088	C	2	H	2	70	70	126.5	124.64	A	M									C	R						C		R							1	
		177	1088	C	2	H	3	70	70	128	126.14	A	M									C	F						C		R							7	
		177	1088	C	2	H	5	70	70	131	129.14	A	M									C					R		C									8	

Table T1 (continued).

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Discoaster loeblichii*	*Discoaster neoerectus*	*Discoaster neohamatus*	*Discoaster pentaradiatus*	*Discoaster prepentaradiatus*	*Discoaster quinqueramus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster tamalis*	*Discoaster variabilis* gr.	*Gephyrocapsa* medium (4–5.5 µm)	*Gephyrocapsa* small	*Hayaster perplexus*	*Hayella aperta*	*Helicosphaera carteri*	*Helicosphaera granulata*	*Helicosphaera sellii*	*Mynilitha convallis*	*Pontosphaera* spp.	*Pseudoemiliania lacunosa*	*Pyrocyclus* spp.	*Reticulofenestra* <3 µm	*Reticulofenestra* >7 µm	*Reticulofenestra* 3–5 µm	*Reticulofenestra* 4–5 µm circular
Miocene	NN11b	177	1088	B	7	H	4	137	137	58.87	58.87	A	M					4		12		2	8					R						F	VA	A	C	
		177	1088	B	7	H	5	70	70	59.7	59.7	A	M					14	1	20		2	31					F						R	VA	C	C	
		177	1088	B	7	H	6	70	70	61.2	61.2	A	M					7		7		1	6					R						F	VA	C	C	
		177	1088	B	8	H	1	70	70	63.2	63.2	A	M	R				6	2	26		1	24					R	RR					R	VA	C	C	
		177	1088	B	8	H	1	140	140	63.9	63.9	A	M					1	1	5	F	1	12					R						R	VA	C	A	
		177	1088	B	8	H	3	140	140	66.9	66.9	A	M					2		2	R		3					R	R					R	A		A	
		177	1088	B	8	H	4	70	70	67.7	67.7	A	M	R				7		10		2	6					R	RR						A		VA	
		177	1088	B	8	H	5	140	140	69.9	69.9	A	M					9		9	F	7	3					R						R	VA		A	
		177	1088	B	8	H	6	130	130	71.2	71.2	A	M					10		6			2					R	R					F	A		A	
		177	1088	B	8	H	CC	10	15	71.37	71.37	A	M																R					R	VA		A	
	NN11a	177	1088	B	9	H	1	140	140	73.4	73.4	A	M	R				7	1	24	F	3	7					R	R						VA		VA	
		177	1088	B	9	H	3	70	70	75.63	75.63	A	M					8		18	F	2	6					R	F						VA		VA	
		177	1088	B	9	H	4	70	70	77.13	77.13	A	M					4		12	F	5	15					F	R						A	R	VA	
		177	1088	B	9	H	4	140	140	77.9	77.9	A	M	F				8		19			14					F	C					R	A	C	C	
		177	1088	B	9	H	6	120	120	80.7	80.7	A	M	R				3		17			5					R	R					R	C	A	VA	
		177	1088	B	10	H	1	140	140	82.9	82.9	A	M					2	2	6	F	1	48						R					R	C	A	C	
		177	1088	B	10	H	3	70	70	85.2	85.2	A	M				1	2		7			8												C	A	A	
		177	1088	B	10	H	6	70	70	89.7	89.7	A	M	R				4	3	8	F		19						R						C	F	A	
		177	1088	B	11	H	2	70	70	93.2	93.2	A	M		2		1	7	1	4	F	1												R	R	A	R	
		177	1088	B	11	H	3	70	70	94.7	94.7	A	M	R				6		2									R		RR				A	R	F	
		177	1088	B	11	H	4	70	70	96.2	96.2	A	M		1	cf.	4	8	4	1									C		RR				A	A	C	
		177	1088	B	11	H	4	130	130	96.8	96.8	A	M		1	cf.		2	2	1								R	C						VA	C	F	
	NN10	177	1088	B	11	H	5	70	70	97.7	97.7	A	M					7	2		F								cf.		RR				VA	C	C	
		177	1088	B	11	H	6	50	50	99	99	A	M					6	1		F							R	R		RR				VA	C	A	
		177	1088	B	12	H	1	70	70	101.2	101.2	A	M				cf.	4										F	F						A	C	A	
		177	1088	B	12	H	2	70	70	102.7	102.7	A	M				1	1			F							R	F						C	A	A	
		177	1088	B	12	H	3	70	70	104.2	104.2	A	M		1		7		2									F	F					R	VA	A	F	
		177	1088	B	12	H	4	70	70	105.7	105.7	A	M			1	9	1	35									R	R							A	A	
		177	1088	B	12	H	7	10	10	109.6	109.6	A	M			1	2		2										R					F	F	A	C	
		177	1088	B	13	H	1	70	70	110.7	110.7	A	M			1	14		7		R							R	F					R	C	A	C	
	NN9	177	1088	B	13	H	3	70	70	113.7	113.7	A	M				8		3										R						F	C	A	
		177	1088	B	13	H	4	130	130	115.8	115.8	A	M				15				F								R					F		A	A	
		177	1088	B	13	H	5	70	70	116.7	116.7	A	M				2																	F	F	A	A	
		177	1088	B	13	H	5	140	140	117.4	117.4	A	M				7											R	F					F	R	A	VA	
		177	1088	B	13	H	6	140	140	118.9	118.9	A	M				1				R							R	F					F	R	A	VA	
		177	1088	C	2	H	1	40	40	124.7	122.84	A	M				4												R					F		C	VA	
		177	1088	C	2	H	2	70	70	126.5	124.64	A	M				1												R					F		C	A	
		177	1088	C	2	H	3	70	70	128	126.14	A	M				1											R						F		A	A	
		177	1088	C	2	H	5	70	70	131	129.14	A	M																R					F		A	F	

Table T1 (continued).

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Reticulofenestra* 5–7 µm	*Reticulofenestra rotaria*	*Rhabdosphaera* spp.	*Scapholithus fossilis*	*Scyphosphaera* spp.	*Sphenolithus abies*	*Sphenolithus moriformis*	*Syracosphaera* spp.	*Triquetrorhabdulus* sp.
Miocene	NN11b	177	1088	B	7	H	4	137	137	58.87	58.87	A	M		F		R			F	F		
		177	1088	B	7	H	5	70	70	59.7	59.7	A	M		C					F	F		
		177	1088	B	7	H	6	70	70	61.2	61.2	A	M		C		R		1			R	
		177	1088	B	8	H	1	70	70	63.2	63.2	A	M	R	C					F	F	.	
		177	1088	B	8	H	1	140	140	63.9	63.9	A	M		A					F	F	.	
		177	1088	B	8	H	3	140	140	66.9	66.9	A	M		A	1				R	F		
		177	1088	B	8	H	4	70	70	67.7	67.7	A	M	R	A	RR					F		
		177	1088	B	8	H	5	140	140	69.9	69.9	A	M		A	RR				F	F		
		177	1088	B	8	H	6	130	130	71.2	71.2	A	M		VA	RR				R	R		
		177	1088	B	8	H	CC	10	15	71.37	71.37	A	M		C	RR					F		
	NN11a	177	1088	B	9	H	1	140	140	73.4	73.4	A	M	R	RR					F	F		R
		177	1088	B	9	H	3	70	70	75.63	75.63	A	M		C					F	F		R
		177	1088	B	9	H	4	70	70	77.13	77.13	A	M		R								R
		177	1088	B	9	H	4	140	140	77.9	77.9	A	M	F	VA					R	F		R
		177	1088	B	9	H	6	120	120	80.7	80.7	A	M	R	A					R	R		R
		177	1088	B	10	H	1	140	140	82.9	82.9	A	M		A					R	F		
		177	1088	B	10	H	3	70	70	85.2	85.2	A	M		A								
		177	1088	B	10	H	6	70	70	89.7	89.7	A	M	R	C					F	F		
		177	1088	B	11	H	2	70	70	93.2	93.2	A	M		A					F	R		
		177	1088	B	11	H	3	70	70	94.7	94.7	A	M	R	C					C	R		
		177	1088	B	11	H	4	70	70	96.2	96.2	A	M		A				R	F	F		
		177	1088	B	11	H	4	130	130	96.8	96.8	A	M		A								
	NN10	177	1088	B	11	H	5	70	70	97.7	97.7	A	M		A					F	R		R
		177	1088	B	11	H	6	50	50	99	99	A	M		A					R	F		R
		177	1088	B	12	H	1	70	70	101.2	101.2	A	M		A					F	F		
		177	1088	B	12	H	2	70	70	102.7	102.7	A	M		C					F	C		
		177	1088	B	12	H	3	70	70	104.2	104.2	A	M		C					R	F		
		177	1088	B	12	H	4	70	70	105.7	105.7	A	M		A					F	R		
		177	1088	B	12	H	7	10	10	109.6	109.6	A	M		A					R	F		
		177	1088	B	13	H	1	70	70	110.7	110.7	A	M		VA						F		
	NN9	177	1088	B	13	H	3	70	70	113.7	113.7	A	M		A					F	F		
		177	1088	B	13	H	4	130	130	115.8	115.8	A	M		VA					F	C		RR
		177	1088	B	13	H	5	70	70	116.7	116.7	A	M		A					R	F		
		177	1088	B	13	H	5	140	140	117.4	117.4	A	M		A					F	F		
		177	1088	B	13	H	6	140	140	118.9	118.9	A	M		C					F	F		
		177	1088	C	2	H	1	40	40	124.7	122.84	A	M		VA					F	F		
		177	1088	C	2	H	2	70	70	126.5	124.64	A	M		A						R		
		177	1088	C	2	H	3	70	70	128	126.14	A	M		VA					R	F		
		177	1088	C	2	H	5	70	70	131	129.14	A	M		VA					R	R		

Table T1 (continued).

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Amaurolithus amplificus*	*Amaurolithus* cf. *A. atlanticus*	*Amaurolithus delicatus*	*Amaurolithus primus*	*Amaurolithus primus-delicatus*	*Amaurolithus* sp.	*Amaurolithus tricorniculatus*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus premacintyrei*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Ceratolithus* spp.	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Coronocyclus nitescens*	*Cryptococcolithus mediaperforatus*	*Cyclicargolithus floridanus*	*Discoaster asymmetricus*	*Discoaster bellus*	*Discoaster berggrenii*	*Discoaster brouweri*	*Discoaster* cf. *D. pansus*	*Discoaster hamatus*	*Discoaster intercalaris*
		177	1088	C	2	H	6	15	15	131.95	130.09	A	M									C	R			R			A		R						19	
		177	1088	C	3	H	2	70	70	136	134.14	A	M									C	F						C								5	
	NN9	177	1088	C	3	H	4	140	140	139.7	137.84	A	M									C	R						A								5	
		177	1088	C	3	H	6	140	140	142.7	140.84	A	M									C	F						A		R							
		177	1088	C	4	H	1	70	70	144	142.14	A	M									F	R		R				C								2	
		177	1088	C	4	H	1	140	140	144.7	142.84	A	M									C	F						C									
		177	1088	C	4	H	2	70	70	145.5	143.64	A	M									C	F		1				C									
		177	1088	C	4	H	3	70	70	147	145.14	A	M									C	F						A									
		177	1088	C	4	H	5	70	70	150	148.14	A	M									F	R			R			C									
		177	1088	C	4	H	6	140	140	152.2	150.34	A	M									C	F			R			A									
		177	1088	C	5	H	2	140	140	155.7	153.84	A	M									C	F			R			C									
	NN8	177	1088	C	5	H	3	140	140	157.2	155.34	A	M									C	F			R			A									
		177	1088	C	6	X	1	70	70	164	161.14	A	M									F	R			R			A									
		177	1088	C	6	X	3	10	10	165.4	163.54	A	M									F	R			R			A									
		177	1088	C	7	X	2	70	70	167.87	166.01	A	M									C	C			R			A									
		177	1088	C	7	X	3	70	70	169.37	167.51	A	M									C	R			R			A									
		177	1088	C	7	X	3	140	140	170.07	168.21	A	M									C	R					R										
		177	1088	C	7	X	4	70	70	170.87	169.01	A	M									C	R						A									
		177	1088	C	7	X	4	140	140	171.57	169.71	A	M									F	R			R			C									
Miocene		177	1088	C	7	X	CC	16	21	171.83	169.97	A	M									C	F					F	A									
		177	1088	C	8	X	1	70	70	176.3	174.44	A	M									C	F			R		F	C									
		177	1088	C	8	X	1	140	140	177	175.14	A	M									C	R			R			C									
		177	1088	C	8	X	2	70	70	177.8	175.94	A	M									C	F					R	C									
		177	1088	C	8	X	2	140	140	178.5	176.64	A	M									C	F					C	A									
		177	1088	C	8	X	3	70	70	179.3	177.44	A	M									C	F					F	C			R						
		177	1088	C	8	X	6	140	140	184.5	182.64	A	M									F	R					F	F									
		177	1088	C	9	X	2	140	140	188.1	186.24	A	M									C	R			F		C	C									
	NN7	177	1088	C	9	X	5	140	140	192.6	190.74	A	P									F	R			R		R	C									
		177	1088	C	10	X	1	70	70	195.5	193.64	A	M									C	R						C									
		177	1088	C	10	X	2	140	140	197.7	195.84	A	M									F	R						C									
		177	1088	C	10	X	4	70	70	200	198.14	A	M									F	R					R	C									
		177	1088	C	10	X	5	140	140	202.2	200.34	A	M									C	R					R	A									
		177	1088	C	11	X	1	140	140	205.8	203.94	A	M									F	R	1		R			A									
		177	1088	C	11	X	2	60	60	206.5	204.64	A	M									F	R	1	cf.			F	F	1		1						
		177	1088	C	11	X	3	70	70	207.57	205.49	A	M									C	R	1	cf.	R		R	C	3	cf.							
		177	1088	C	11	X	3	140	140	208.27	206.19	A	M									C	F					F	C									
		177	1088	C	11	X	4	20	21	208.57	206.49	A	M									C	F	3		R		R	C									
	NN6	177	1088	C	11	X	CC	72	77	209.37	207.29	A	G									C		F				R	A	F								
		177	1088	C	12	X	1	20	20	214.3	212.44	A	M									F		R				R	A	1		RR						

Table T1 (continued).

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Discoaster loeblichii*	*Discoaster neoerectus*	*Discoaster neohamatus*	*Discoaster pentaradiatus*	*Discoaster prepentaradiatus*	*Discoaster quinqueramus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster tamalis*	*Discoaster variabilis* gr.	*Gephyrocapsa* medium (4–5.5 µm)	*Gephyrocapsa* small	*Hayaster perplexus*	*Hayella aperta*	*Helicosphaera carteri*	*Helicosphaera granulata*	*Helicosphaera sellii*	*Mynilitha convallis*	*Pontosphaera* spp.	*Pseudoemiliania lacunosa*	*Pyrocyclus* spp.	*Reticulofenestra* <3 µm	*Reticulofenestra* >7 µm	*Reticulofenestra* 3–5 µm	*Reticulofenestra* 4–5 µm circular
		177	1088	C	2	H	6	15	15	131.95	130.09	A	M				1				R								R					F		A	C	
		177	1088	C	3	H	2	70	70	136	134.14	A	M															R					R		A	A	
	NN9	177	1088	C	3	H	4	140	140	139.7	137.84	A	M								R								R							A	A	
		177	1088	C	3	H	6	140	140	142.7	140.84	A	M															R	R					F	C	A	A	
		177	1088	C	4	H	1	70	70	144	142.14	A	M																R					R	F	A	C	
		177	1088	C	4	H	1	140	140	144.7	142.84	A	M								R								1					R	F	VA	F	
		177	1088	C	4	H	2	70	70	145.5	143.64	A	M								RR													F		VA	C	
		177	1088	C	4	H	3	70	70	147	145.14	A	M																					R		VA	F	
		177	1088	C	4	H	5	70	70	150	148.14	A	M																							A	F	
		177	1088	C	4	H	6	140	140	152.2	150.34	A	M																					F		VA	F	
		177	1088	C	5	H	2	140	140	155.7	153.84	A	M																R					F		A	F	
	NN8	177	1088	C	5	H	3	140	140	157.2	155.34	A	M																R					F		VA	F	
		177	1088	C	6	X	1	70	70	164	161.14	A	M																					R		A	C	
		177	1088	C	6	X	3	10	10	165.4	163.54	A	M																					F		VA	A	
		177	1088	C	7	X	2	70	70	167.87	166.01	A	M																							VA	C	
		177	1088	C	7	X	3	70	70	169.37	167.51	A	M																					F		A	C	
		177	1088	C	7	X	3	140	140	170.07	168.21	A	M																					R		A	C	
		177	1088	C	7	X	4	70	70	170.87	169.01	A	M																					F		A	C	
		177	1088	C	7	X	4	140	140	171.57	169.71	A	M																R					R		A	A	
Miocene		177	1088	C	7	X	CC	16	21	171.83	169.97	A	M																F							C		
		177	1088	C	8	X	1	70	70	176.3	174.44	A	M																R					F		A	C	
		177	1088	C	8	X	1	140	140	177	175.14	A	M																R					F		A	A	
		177	1088	C	8	X	2	70	70	177.8	175.94	A	M																					R		VA	C	
		177	1088	C	8	X	2	140	140	178.5	176.64	A	M																					F		VA	F	
		177	1088	C	8	X	3	70	70	179.3	177.44	A	M																R					F		A	F	
		177	1088	C	8	X	6	140	140	184.5	182.64	A	M																					R		A	F	
		177	1088	C	9	X	2	140	140	188.1	186.24	A	M																R					F		A	F	
	NN7	177	1088	C	9	X	5	140	140	192.6	190.74	A	P								R								R					R		A		
		177	1088	C	10	X	1	70	70	195.5	193.64	A	M																R					F	VA	A	C	
		177	1088	C	10	X	2	140	140	197.7	195.84	A	M																R					R		A	F	
		177	1088	C	10	X	4	70	70	200	198.14	A	M																					F		A	C	
		177	1088	C	10	X	5	140	140	202.2	200.34	A	M																R					R		VA	C	
		177	1088	C	11	X	1	140	140	205.8	203.94	A	M																					R		VA	F	
		177	1088	C	11	X	2	60	60	206.5	204.64	A	M																R					R		VA	R	
		177	1088	C	11	X	3	70	70	207.57	205.49	A	M																1cf.					R		VA	F	
		177	1088	C	11	X	3	140	140	208.27	206.19	A	M																R					R		VA		
		177	1088	C	11	X	4	20	21	208.57	206.49	A	M																R					R		A	RR	
	NN6	177	1088	C	11	X	CC	72	77	209.37	207.29	A	G																					F		A		
		177	1088	C	12	X	1	20	20	214.3	212.44	A	M																F					R		A	R	

Table T1 (continued).

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Reticulofenestra* 5–7 µm	*Reticulofenestra rotaria*	*Rhabdosphaera* spp.	*Scapholithus fossilis*	*Scyphosphaera* spp.	*Sphenolithus abies*	*Sphenolithus moriformis*	*Syracosphaera* spp.	*Triquetrorhabdulus* sp.
		177	1088	C	2	H	6	15	15	131.95	130.09	A	M		VA					F			R
		177	1088	C	3	H	2	70	70	136	134.14	A	M		VA					R	R		
	NN9	177	1088	C	3	H	4	140	140	139.7	137.84	A	M		A						R		1
		177	1088	C	3	H	6	140	140	142.7	140.84	A	M		VA						F		
		177	1088	C	4	H	1	70	70	144	142.14	A	M		VA						F		
		177	1088	C	4	H	1	140	140	144.7	142.84	A	M		A						R		1
		177	1088	C	4	H	2	70	70	145.5	143.64	A	M		A								
		177	1088	C	4	H	3	70	70	147	145.14	A	M		A						R		
		177	1088	C	4	H	5	70	70	150	148.14	A	M		VA					R	R		
		177	1088	C	4	H	6	140	140	152.2	150.34	A	M		VA								
		177	1088	C	5	H	2	140	140	155.7	153.84	A	M		A					R	R		
	NN8	177	1088	C	5	H	3	140	140	157.2	155.34	A	M		VA						R		R
		177	1088	C	6	X	1	70	70	164	161.14	A	M		VA						R		
		177	1088	C	6	X	3	10	10	165.4	163.54	A	M		VA								
		177	1088	C	7	X	2	70	70	167.87	166.01	A	M		A					R	R		
		177	1088	C	7	X	3	70	70	169.37	167.51	A	M		C						R		
		177	1088	C	7	X	3	140	140	170.07	168.21	A	M		VA					R			
		177	1088	C	7	X	4	70	70	170.87	169.01	A	M		A					R	R		
		177	1088	C	7	X	4	140	140	171.57	169.71	A	M		VA					R	R		
Miocene		177	1088	C	7	X	CC	16	21	171.83	169.97	A	M								R		
		177	1088	C	8	X	1	70	70	176.3	174.44	A	M		A					F	F		RR
		177	1088	C	8	X	1	140	140	177	175.14	A	M		A					R			
		177	1088	C	8	X	2	70	70	177.8	175.94	A	M		C						R		
		177	1088	C	8	X	2	140	140	178.5	176.64	A	M		A								
		177	1088	C	8	X	3	70	70	179.3	177.44	A	M		A								
		177	1088	C	8	X	6	140	140	184.5	182.64	A	M		C								
		177	1088	C	9	X	2	140	140	188.1	186.24	A	M		C					R	F		
	NN7	177	1088	C	9	X	5	140	140	192.6	190.74	A	P		F					R	R		1
		177	1088	C	10	X	1	70	70	195.5	193.64	A	M		C					R	F		
		177	1088	C	10	X	2	140	140	197.7	195.84	A	M		C						R		
		177	1088	C	10	X	4	70	70	200	198.14	A	M		A						R		
		177	1088	C	10	X	5	140	140	202.2	200.34	A	M		A								
		177	1088	C	11	X	1	140	140	205.8	203.94	A	M		A					R			
		177	1088	C	11	X	2	60	60	206.5	204.64	A	M		C								R
		177	1088	C	11	X	3	70	70	207.57	205.49	A	M		C					R			R
		177	1088	C	11	X	3	140	140	208.27	206.19	A	M		C								
		177	1088	C	11	X	4	20	21	208.57	206.49	A	M		C								
	NN6	177	1088	C	11	X	CC	72	77	209.37	207.29	A	G		A								
		177	1088	C	12	X	1	20	20	214.3	212.44	A	M		A								

Table T1 (continued).

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Amaurolithus amplificus*	*Amaurolithus* cf. *A. atlanticus*	*Amaurolithus delicatus*	*Amaurolithus primus*	*Amaurolithus primus-delicatus*	*Amaurolithus* sp.	*Amaurolithus tricorniculatus*	*Calcidiscus leptoporus*	*Calcidiscus macintyrei*	*Calcidiscus premacintyrei*	*Calcidiscus radiatus*	*Calcidiscus tropicus*	*Ceratolithus* spp.	*Coccolithus miopelagicus*	*Coccolithus pelagicus*	*Coronocyclus nitescens*	*Cryptococcolithus mediaperforatus*	*Cyclicargolithus floridanus*	*Discoaster asymmetricus*	*Discoaster bellus*	*Discoaster berggrenii*	*Discoaster brouweri*	*Discoaster* cf. *D. pansus*	*Discoaster hamatus*	*Discoaster intercalaris*
Miocene	NN6	177	1088	C	12	X	CC	89	94	215.37	213.51	A	G									C	C		C		R	A	C		C							
		177	1088	C	13	X	1	70	70	224.4	222.54	A	M									F	F		R		F	C	R		R							
		177	1088	C	13	X	2	70	70	225.9	224.04	A	M									F	C		R		R	C	F		F							
		177	1088	C	13	X	4	70	70	228.9	227.04	A	M									F	C		F		R	A	F		F							
		177	1088	C	13	X	5	70	70	230.4	228.54	A	M									C	C		R			A	C		F							
		177	1088	C	13	X	6	70	70	231.9	230.04	A	M									C	C				C	A	C	R	C							
		177	1088	C	13	X	7	20	20	232.9	231.04	A	M									R	F				F	A	F		C							
		177	1088	C	13	X	CC	17	22	233.27	231.41	A	M									C	C				R	A	A		A							

Notes: Abundance: VA = very abundant, A = abundant, C = common, F = few, R = rare, RR = very rare, B = barren. Preservation: G = good, M = moderate, P = poor. r = reworked. Zonation is by Martini (1971). This table is also available in **ASCII format.**

Table T1 (continued).

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Discoaster loeblichii*	*Discoaster neoerectus*	*Discoaster neohamatus*	*Discoaster pentaradiatus*	*Discoaster prepentaradiatus*	*Discoaster quinqueramus*	*Discoaster* spp.	*Discoaster surculus*	*Discoaster tamalis*	*Discoaster variabilis* gr.	*Gephyrocapsa* medium (4–5.5 µm)	*Gephyrocapsa* small	*Hayaster perplexus*	*Hayella aperta*	*Helicosphaera carteri*	*Helicosphaera granulata*	*Helicosphaera sellii*	*Mynilitha convallis*	*Pontosphaera* spp.	*Pseudoemiliania lacunosa*	*Pyrocyclus* spp.	*Reticulofenestra* <3 µm	*Reticulofenestra* >7 µm	*Reticulofenestra* 3–5 µm	*Reticulofenestra* 4–5 µm circular
Miocene	NN6	177	1088	C	12	X	CC	89	94	215.37	213.51	A	G																F							F		
		177	1088	C	13	X	1	70	70	224.4	222.54	A	M																F					R	R	VA	F
		177	1088	C	13	X	2	70	70	225.9	224.04	A	M														R		F						R	A	C
		177	1088	C	13	X	4	70	70	228.9	227.04	A	M														R		F					R		R	A
		177	1088	C	13	X	5	70	70	230.4	228.54	A	M								R						R		F					R	R	R	A
		177	1088	C	13	X	6	70	70	231.9	230.04	A	M								C						R							R	R		A
		177	1088	C	13	X	7	20	20	232.9	231.04	A	M														F		F								A
		177	1088	C	13	X	CC	17	22	233.27	231.41	A	M																F								

Table T1 (continued).

Age	Zone	Leg	Site	Hole	Core	Type	Section	Sample top (cm)	Sample bottom (cm)	Depth (mbsf)	Depth (mcd)	Abundance	Preservation	Reworking	*Reticulofenestra* 5–7 µm	*Reticulofenestra rotaria*	*Rhabdosphaera* spp.	*Scapholithus fossilis*	*Scyphosphaera* spp.	*Sphenolithus abies*	*Sphenolithus moriformis*	*Syracosphaera* spp.	*Triquetrorhabdulus* sp.
Miocene	NN6	177	1088	C	12	X	CC	89	94	215.37	213.51	A	G										
		177	1088	C	13	X	1	70	70	224.4	222.54	A	M		C					F	R		cf.
		177	1088	C	13	X	2	70	70	225.9	224.04	A	M		VA					R	F		
		177	1088	C	13	X	4	70	70	228.9	227.04	A	M		VA					R	R		
		177	1088	C	13	X	5	70	70	230.4	228.54	A	M		VA						F		
		177	1088	C	13	X	6	70	70	231.9	230.04	A	M		VA						R		
		177	1088	C	13	X	7	20	20	232.9	231.04	A	M		VA						F		
		177	1088	C	13	X	CC	17	22	233.27	231.41	A	M		C						R		