Table T1. Calcareous nannofossil distribution chart in Hole 1256B.

Age	Zonation*	Core, section, interval (cm)	Depth (mbsf)	Total Abundance	Preservation
Quaternary	NN21	1H-1, 40-42	0.40	A	M
		1H-1, 115-117	1.15	B	
		1H-2, 40-42	1.90	A	P
	Barren	1H-2, 115–117	2.65	B	
	NN20	1H-3, 40–42	3.40	A	M
		1H-3, 115–117	4.15	V	M
		1H-4, 40–42	4.90	A	M
	NN19b	1H-4, 115–117	5.65	V	M
		1H-CC	6.09	C	M
		2H-1, 40–42	6.50	A	M
		2H-1, 115–117	7.25	A	M
		2H-2, 40–42	7.97	A	M
		2H-2, 115–117	8.72	V	M
		2H-3, 40–42	9.47	A	M
		2H-3, 115–117	10.22	A	M
		2H-4, 40–42	10.97	C	M
		2H-4, 115–117	11.72	A	M
		2H-5, 40–42	12.47	C	MP
		2H-5, 115–117	13.22	C	MP
		2H-6, 40–42	13.97	A	MP
		2H-6, 115–117	14.72	A	MP
		2H-7, 40–42	15.47	C	MP
		2H-CC	15.91	C	M
		3H-1, 40–42	16.00	F	MP
	NN19a	3H-1, 115–117	16.75	A	MP
late Pliocene	Barren	3H-2, 40–42	17.50	B	
		3H-2, 115–117	18.25	B	
		3H-3, 40–42	19.00	B	
	NN18	3H-3, 115–117	19.75	C	MP
		3H-4, 40–42	20.50	A	MP
		3H-4, 115–117	21.25	A	MP
		3H-5, 40–42	22.00	A	MP
		3H-5, 115–117	22.75	A	MP
	Barren	3H-6, 40–42	23.50	B	
		3H-6, 115–117	24.25	B	
	NN17	3H-7, 40–42	25.00	A	MP
		3H-CC	25.43	C	M
		4H-1, 40–42	25.50	F	MP
		4H-1, 115–117	26.25	C	MP
	NN16	4H-2, 40–42	27.00	A	MP
		4H-2, 115–117	27.75	A	MP
		4H-3, 40–42	28.50	F	P
		4H-3, 115–117	29.25	B	
		4H-4, 40–42	30.00	A	M
early Pliocene	NN15	4H-4, 115–117	30.75	C	MP
		4H-5, 40–42	31.50	B	
		4H-5, 115–117	32.25	V	M
		4H-6, 40–42	33.00	A	MP
		4H-6, 115–117	33.75	A	MP
		4H-7, 40–42	34.50	A	MP
		4H-CC	35.23	C	G
		5H-1, 40–42	35.00	V	G
		5H-1, 115–117	35.75	V	G
	NN14/13	5H-2, 40–42	36.50	A	M
		5H-2, 115–117	37.25	V	M
		5H-3, 40–42	38.00	V	M
		5H-3, 115–117	38.75	V	M
	NN12	5H-4, 40–42	39.50	A	M
		5H-4, 115–117	40.25	V	M
late Miocene		5H-5, 40–42	41.00	A	M
		5H-5, 115–117	41.75	V	M
	NN11d	5H-6, 40–42	42.50	A	M
		5H-6, 115–117	43.25	A	M
		5H-7, 40–42	44.00	V	G
		5H-CC	44.47	A	G
	NN11d	6H-1, 40–42	44.50	V	G
		6H-1, 115–117	45.25	V	G
		6H-2, 40–42	46.00	A	M
		6H-2, 115–117	46.75	V	G
	NN11c	6H-3, 40–42	47.50	V	G
		6H-3, 115–117	48.25	V	G
		6H-4, 40–42	49.00	V	G
		6H-4, 115–117	49.75	V	G
		6H-5, 40–42	50.50	V	G
		6H-5, 115–117	51.25	V	G
		6H-6, 40–42	52.00	A	MG
		6H-6, 115–117	52.75	V	G
		6H-7, 40–42	53.50	V	G
		6H-CC	54.06	A	G
		7H-1, 40–42	54.00	A	MG
		7H-1, 115–117	54.75	V	MG
		7H-2, 40–42	55.50	V	G
		7H-2, 115–117	56.25	V	G
		7H-3, 40–42	57.00	V	MG
	NN11b	7H-3, 115–117	57.75	V	M
		7H-4, 40–42	58.50	V	MG
		7H-4, 115–117	59.25	V	MG
		7H-5, 40–42	60.00	V	MG
		7H-5, 115–117	60.75	V	G
		7H-6, 40–42	61.50	V	G
		7H-6, 115–117	62.25	V	MG
		7H-7, 40–42	63.00	V	MG
	NN11a	7H-CC	63.39	A	G
		8H-1, 40–42	63.50	A	M
		8H-1, 115–117	64.25	A	MG
		8H-2, 40–42	65.00	A	M
		8H-2, 115–117	65.75	C	MP
		8H-3, 40–42	66.50	V	MG
		8H-3, 115–117	67.25	A	MG
		8H-4, 40–42	68.00	A	M
		8H-4, 115–117	68.75	V	G
		8H-5, 40–42	69.50	V	VG
		8H-5, 115–117	70.25	V	VG
		8H-6, 40–42	71.00	V	VG
		8H-6,115–117	71.75	V	VG
		8H-7, 40–42	72.50	V	VG
		8H-CC	73.04	V	G
		9H-1, 40–42	73.00	V	VG
		9H-1, 115–117	73.75	A	G
		9H-2, 40–42	74.50	V	VG
		9H-2, 115–117	75.25	V	G
		9H-3, 40–42	76.00	V	G
		9H-3, 115–117	76.75	A	M–P
		9H-4, 40–42	77.50	V	M–G
		9H-4, 115–117	78.25	V	M–G
		9H-5, 40–42	79.00	V	G
		9H-5, 115–117	79.75	A	G–M
		9H-6, 40–42	80.50	A	M–P
	NN10	9H-6, 115–117	81.25	A	M
		9H-7, 40–42	82.00	V	M–G
		9H-CC	82.40	V	G
		10H-1, 40–42	82.50	A	MP
		10H-1, 115–117	83.25	A	M
		10H-2, 40–42	84.00	V	M–G
	NN9	10H-2, 115–117	84.75	V	M–G
		10H-3, 40–42	85.50	V	M–G
		10H-3, 115–117	86.25	A	M–G
		10H-4, 40–42	87.00	A	M
		10H-4, 115–117	87.75	A	M
		10H-5, 40–42	88.50	C	P
		10H-5, 115–117	89.25	B	
		10H-6, 40–42	90.00	F	P
		10H-7, 40–42	91.00	V	M
		10H-CC	91.61	V	G
		11H-1, 40–42	92.00	A	M
		11H-1, 115–117	92.75	V	G
		11H-2, 40–42	93.50	V	G
		11H-2, 115–117	94.25	V	G
		11H-3, 40–42	95.00	V	MG
		11H-3, 115–117	95.75	V	G
		11H-4, 40–42	96.50	V	MG
		11H-4, 115–117	97.25	V	G
		11H-5, 40–42	98.00	V	G
		11H-5, 115–117	98.75	V	G
		11H-6, 40–42	99.50	V	G
		11H-6, 115–117	100.25	A	M
		11H-7, 40–42	101.00	V	G
		11H-CC	101.51	V	G
middle Miocene		12H-1, 40–42	101.50	V	G
		12H-1, 115–117	102.25	V	G
		12H-2, 40–42	103.00	A	G
		12H-2, 115–117	103.75	V	G
	NN8	12H-3, 40–42	104.50	V	G
		12H-3, 115–117	105.25	V	G
		12H-4, 40–42	106.00	V	G
	NN7	12H-4, 115–117	106.75	V	G
		12H-5, 40–42	107.50	V	G
		12H-5, 115–117	108.25	V	G
		12H-6, 40–42	109.00	V	G
		12H-6, 115–117	109.75	V	G
		12H-7, 40–42	110.50	V	G
		12H-CC	111.02	V	G
		13H-1, 40–42	111.00	V	G
		13H-2, 40–42	111.80	V	MG
		13H-2, 115–117	112.55	V	MG
		13H-3, 40–42	113.30	V	MG
		13H-3, 115–117	114.05	A	MG
		13H-4, 40–42	114.80	V	G
		13H-4, 115–117	115.55	V	MG
		13H-5, 40–42	116.30	V	MG
		13H-5, 91–92	116.81	V	MG
		13H-6, 40–42	117.30	V	MG
		13H-6, 88–89	117.78	V	MG
		13H-CC	118.02	V	G
		14H-1, 40–42	120.50	V	MG
		14H-1, 115–117	121.25	V	MG
		14H-2, 40–42	122.00	V	M
		14H-2, 115–117	122.75	V	M
		14H-3, 40–42	123.50	V	M
		14H-3, 115–117	124.25	V	M
		14H-4, 40–42	125.00	V	M
		14H-4, 115–117	125.75	V	M
		14H-5, 40–42	126.50	V	M
		14H-5, 115–117	127.25	V	M
		14H-6, 40–42	128.00	V	M
		14H-6, 115–117	128.75	V	M
		14H-7, 40–42	129.50	V	M
		14H-CC	130.05	V	M
		15H-1, 40–42	130.00	V	M
		15H-1, 115–117	130.75	V	M
		15H-2, 40–42	131.50	V	M
		15H-2, 115–117	132.25	V	M
		15H-3, 40–42	133.00	V	M
		15H-3, 115–117	133.75	V	M
		15H-4, 40–42	134.50	V	M
		15H-4, 115–117	135.25	V	M
		15H-5, 40–42	136.00	V	M
		15H-5, 115–117	136.75	V	M
		15H-6, 40–42	137.50	V	M
		15H-7, 40–42	138.50	V	M
		15H-CC	139.23	V	M
		16H-1, 40–42	139.50	V	M
		16H-1, 115–117	140.25	V	M
		16H-2, 40–42	141.00	V	M
		16H-2, 115–117	141.75	V	M
		16H-3, 40–42	142.50	V	MP
		16H-3, 115–117	143.25	V	MP
		16H-4, 40–42	144.00	V	M
		16H-4, 115–117	144.75	V	M
		16H-5, 40–42	145.50	V	M
		16H-5, 115–117	146.25	V	M
		16H-6, 40–42	147.00	V	M
		16H-6, 115–117	147.75	V	M
		16H-7, 40–42	148.50	V	M
		16H-CC	148.78	V	M
		17H-1, 40–42	149.00	V	M
	NN6	17H-1, 115–117	149.75	V	M
		17H-2, 40–42	150.50	V	M
		17H-2, 115–117	151.25	V	M
		17H-3, 40–42	152.00	V	M
		17H-3, 115–117	152.75	V	M
		17H-4, 40–42	153.50	V	M
		17H-4, 115–117	154.25	V	M
		17H-5, 40–42	155.00	V	M
		17H-5, 115–117	155.75	V	M
		17H-6, 40–42	156.50	V	M
		17H-6, 115–117	157.25	V	M
		17H-7, 40–42	158.00	V	M
		17H-CC	158.58	V	M
		18H-1, 40–42	158.50	V	M
		18H-2, 40–42	159.50	V	M
		18H-CC	160.11	V	M
		19X-1, 40–42	160.50	V	MP
		19X-1, 115–117	161.25	V	MP
		19X-2, 40–42	162.00	V	M
		19X-2, 115–117	162.75	V	M
		19X-3, 40–42	163.50	V	M
		19X-CC	164.10	V	M
		20X-1, 40–42	165.60	V	MP
		20X-1, 115–117	166.35	V	MP
		20X-2, 40–42	167.10	V	MP
		20X-2, 115–117	167.85	V	MP
		20X-3, 40–42	168.60	V	MP
		20X-3, 115–117	169.35	V	MP
		20X-4, 40–42	170.10	V	MP
		20X-4, 115–117	170.85	V	MP
		20X-5, 40–42	171.60	V	MP
		20X-5, 115–117	172.35	V	MP
		20X-6, 40–42	173.10	V	M
		20X-CC	173.81	V	M
		21X-1, 40–42	175.20	V	MP
		21X-1, 115–117	175.95	V	MP
		21X-2, 40–42	176.70	V	MP
		21X-2, 115–117	177.45	V	MP
		21X-3, 40–42	178.20	V	MP
		21X-3, 115–117	178.95	V	MP
		21X-4, 40–42	179.70	V	MP
		21X-4, 115–117	180.45	V	MP
		21X-5, 40–42	181.20	V	MP
		21X-5, 115–117	181.95	V	MP
		21X-CC	182.49	V	M
		22X-1, 40–42	184.40	V	MP
		22X-1, 115–117	185.15	V	MP
		22X-2, 40–42	185.90	V	MP
		22X-2, 115–117	186.65	V	MP
		22X-3, 40–42	187.40	V	MP
		22X-3, 115–117	188.15	V	MP
		22X-4, 40–42	188.90	V	MP
		22X-4, 115–117	189.65	V	MP
		22X-5, 40–42	190.40	V	MP
		22X-5, 115–117	191.15	V	MP
		22X-6, 40–42	191.90	V	MP
		22X-6, 115–117	192.65	V	MP
		22X-7, 40–42	193.20	V	MP
		22X-CC	193.48	V	M
		23X-1, 40–42	194.10	V	MP
		23X-1, 115–117	194.85	V	MP
		23X-2, 40–42	195.60	V	MP
		23X-2, 115–117	196.35	V	MP
		23X-3, 40–42	197.10	V	MP
		23X-3, 115–117	197.85	V	MP
		23X-4, 40–42	198.60	V	MP
		23X-4, 115–117	199.35	V	MP
		23X-5, 40–42	200.10	V	MP
		23X-5, 115–117	200.85	V	MP
		23X-6, 40–42	201.60	V	MP
		23X-6, 115–117	202.35	V	MP
		23X-CC	202.77	V	M
		24X-1, 40–42	203.80	V	MP
		24X-1, 115–117	204.55	V	MP
		24X-2, 40–42	205.30	V	MP
		24X-2, 115–117	206.05	V	MP
		24X-3, 40–42	206.80	V	MP
		24X-3, 115–117	207.55	V	MP
		24X-4, 40–42	208.30	V	MP
		24X-4, 115–117	209.05	V	MP
		24X-5, 40–42	209.80	V	MP
		24X-CC	210.19	V	M
		25X-1, 40–42	213.40	V	MP
	NN5	25X-1, 115–117	214.15	V	MP
		25X-2, 40–42	214.90	V	MP
		25X-2, 115–117	215.65	V	MP
		25X-3, 40–42	216.40	V	MP
		25X-3, 115–117	217.15	V	MP
		25X-4, 40–42	217.90	V	MP
		25X-CC	218.78	V	M
		26X-1, 40–42	223.10	V	MP
		26X-1, 115–117	223.85	V	MP
		26X-2, 40–42	224.60	V	MP
		26X-2, 115–117	225.35	V	MP
		26X-3, 40–42	226.10	V	MP
		26X-CC	226.71	V	M
		27X-CC	232.27	V	M
		28X-1, 40–42	242.00	V	MP
		28X-1, 115–117	242.75	V	MP
		28X-2, 40–42	243.50	V	MP
		28X-2, 115–117	244.25	V	MP
		28X-3, 40–42	245.00	V	MP
		28X-CC	245.83	V	M

Core, section, interval (cm)	Calcidiscus leptoporus	Ceratolithus cristatus	Ceratolithus telesmus	Coronocyclus nitescens	Discoaster variabilis	Emiliania huxleyi	Gephyrocapsa caribbeanica	Gephyrocapsa oceanica	Gephyrocapsa spp. (small)	Helicosphaera carteri	Helicosphaera kamptneri	Helicosphaera wallichii	Pontosphaera japonica	Pseudoemiliania lacunosa	Reticulofenestra haqii	Reticulofenestra minuta	Reticulofenestra minutula	Reticulofenestra producta	Rhabdosphaera clavigera/procera	Scapholithus fossilis	Scyphosphaera spp.	Sphenolithus moriformis	Syracosphaera pulchra	Umbellosphaera irregularis	Umbilicosphaera jafari	Umbilicosphaera sibogae
1H-1, 40-42	C					C	R	A	R	R	F					C	R	F					R	F	F	F
1H-1, 115-117																										
1H-2, 40-42	C			R		F	F	A	R	R	R	R				C	R	F					R	R	F	F
1H-2, 115–117																										
1H-3, 40–42	C	R					F	A	A	R	R	R				A	F	A				r	R	R	C	C
1H-3, 115–117	A	R	R		r		F	A	V	R	F	R				A	C	A		R		r	F	R	C	C
1H-4, 40–42	C	R					C	A	A	R	F					A	C	A	R	R			F	R	R	R
1H-4, 115–117	A	R	R				A	A	V	R	R			C	R	V	C	V	F	R			C	R	C	C
1H-CC	A		R				C	A	C		C	R	R			C	C	A	R				F		F	R
2H-1, 40–42	C						C	A	A		F			C	R	C	F	A					F		C	R
2H-1, 115–117	C						A	A	C		F			C	F	A	C	A					R	R	F	R
2H-2, 40–42	C		R				A	A	A		R				R	A	C	A	R				R	F	C	F
2H-2, 115–117	A	R					A	A	V	C	C			F	C	V	A	V	C				F	R	A	C
2H-3, 40–42	C						A	A	A	F	C		R	C	R	A	A	A	C				C	R	C	C
2H-3, 115–117	A						C	C	C	R	F		R	C		A	A	A	F				C	R	C	F
2H-4, 40–42	C						C	C	C	R	F		R			A	A	A							F	R
2H-4, 115–117	C						C	R	C	R	F			C	R	A	A	A			R		F	F	F	F
2H-5, 40–42	C	R			r									C		C	C	F							R	R
2H-5, 115–117	C										R			C		A	C	F							F	R

Other species in the chart's column headings: Amaurolithus amplificus, Amaurolithus ninae, Amaurolithus primus, Amaurolithus tricorniculatus, Calcidiscus macintyrei, Calcidiscus premacintyrei, Catinaster coalitus, Catinaster mexicanus, Ceratolithus acutus, Ceratolithus armatus, Ceratolithus rugosus, Coccolithus miopelagicus, Coccolithus pelagicus, Cyclicargolithus abisectus, Cyclicargolithus floridanus, Discoaster adamanteus, Discoaster asymmetricus, Discoaster aulakos, Discoaster bellus, Discoaster berggrenii, Discoaster blackstockae, Discoaster bollii, Discoaster braarudii, Discoaster brouweri, Discoaster calcaris, Discoaster challengeri, Discoaster decorus, Discoaster deflandrei, Discoaster exilis, Discoaster hamatus, Discoaster icarus, Discoaster intercalaris, Discoaster kugleri, Discoaster loeblichii, Discoaster mendomobensis, Discoaster micros, Discoaster moorei, Discoaster neohamatus, Discoaster neorectus, Discoaster pansus, Discoaster pentaradiatus, Discoaster perclarus, Discoaster prepentaradiatus, Discoaster pseudovariabilis, Discoaster quinqueramus, Discoaster sanmiguelensis, Discoaster sp. A, Discoaster surculus, Discoaster tristellifer, Hayaster perplexus, Helicosphaera burkei, Helicosphaera euphratis, Helicosphaera granulata, Helicosphaera inversa, Helicosphaera sellii, Helicosphaera walbersdorfensis, Pontosphaera multipora, Pontosphaera versa, Reticulofenestra gelida, Reticulofenestra perplexa, Reticulofenestra pseudoumbilica, Reticulofenestra rotaria, Sphenolithus abies, Sphenolithus compactus, Sphenolithus heteromorphus, Sphenolithus neoabies, Sphenolithus verensis, Syracosphaera pulchra, Triquetrorhabdulus rugosus, Umbilicosphaera rotula.

Notes: * = (Martini, 1971; Martini and Müller, 1986; Okada and Bukry, 1980). Preservation: VG = very good, G = good, M = moderate, P = poor. Abundance: V = very abundant, A = abundant, C = common, F = few, R = rare, B = barren; abundance shown in lower case indicates reworking (see "Materials and Methods," p. 3, for explanations).