Table 7. Calcareous nannofossils in Hole 979A.

Series	6/e.	Zone	HOZE 979A Core - Section, Interval (cm)	Abundance Preservation	Braarudosphaera bigelowii	Calcidiscus macintyrei	Ceratolithus cristatus Coccolithus pelagicus	Dictyococcites perplexus Dictyococcites productus	Discoaster asymmetricus	decorus	Discoaster intercalaris Discoaster pansus	Discoaster pentaradiatus	Discoaster surculus Discoaster tamalis	Discoaster triradiatus	Geminilithella rotula	ומו	Helicosphaera carteri Helicosphaera intermedia	1 1	Lithostromation perdurum	Pontosphaera indooceanica Pontosphaera japonica	Fseudoemiliania lacunosa - C Pseudoemiliania lacunosa - E	osus a gelida	Reticulofenestra minuta Reticulofenestra minutula s.l.	Rhabdosphaera claviger	α ↓	scapholithus lossills Scyphosphaera spp.	Sphenolithus abies Sphenolithus neoabies	Syracosphaera? fragilis	Syracosphaera histrica Thoracosphaera heimi	1	Umbilicosphaera jafari Umbilicosphaera marabilis	sibogae	Reworked Cretaceous spp.	Reworked Paleogene spp. Reworked Neogene spp.
Pleist.		NN19B	38X-3, 20-21 38X-cc 39X-3, 18-19 39X-cc 40X-3, 20-21 40X-cc 41X-3, 20-21 41X-cc 42X-3, 19-20 42X-cc 43X-3, 20-21 43X-cc 44X-3, 20-21 44X-cc 44X-3, 20-21 44X-cc	A G A MG C G A	5 R E			F C C C C A	R S S							A (C C C C F F F F F F		F C C F F F F C C C C		F R	FFFCCFCCFFCCFFCCFFCCFFCCFFCCFFCCFFCCFF		C C A C C C A C C A C A C A C A C A C A	R F R R	R				F F R			R		R R R
Pliocene	Upper	WN 18	49X-3,20-21 49 X-CC 50 X-3, 20-21 50 X-CC 51 X-3,21-23 51 X-CC 52 X-2,21-22	A w C A W C	R S 1	C F C R R C F F F F F F F F F	C C C C C C C C C C C C C C C C C C C	F	P	5			5			C 1 C 1 C 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1	1	F F C C C C F		R F F F R R	FC FC CC CC RF	V F F C	C	R F F R R	R	R R R R R R R R R R R R R R R R R R R			R F			R	F R R F F F R R	R
	m:dd/e	NN 16B	52X-3, 15-16 52X-CC 53X-7, 22-23 53X-3, 23-24 53X-0C 54X-3, 22-24 54X-CC 55X-3, 22-23 55X-CC 56X-CC 57X-3, 21-22 57X-CC 58X-3, 19-20 58X-CC 59X-3, 20-21	A 100 C G A 100 C A 10	5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		C C C F R C	F R R C	R F F F F F F F F F F F F F F F F F F F	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	R R R R	R	2 F R	R 8		C	R	F F C	R	R F F	CCC			7		F	S R	V	R F I	3	F.		F F F F F R R	R R R
		NN/6A	59X-CC 60X-3,19-20 60X-CC 61X-3,19-20 61X-CC 62X-3,19-20	A G A G A G A G			С С С	R C	R R R	, R		R F	FR			7		FFUFUC		<i>f</i>	FC RC RF C RF C		A		R R R	F R		Y	R R F R	R	R C		R F R	F R

Pliocene	Pleist.	Ze Fies
middle upper		6/e
NN 18 NN 18 NN 16B	NNI9B	7 Zone
39x-2, 18-19 39x-2, 18-19 39x-2, 18-19 39x-2, 18-19 39x-2, 18-19 40x-3, 20-21 40x-3, 20-21 41x-cc 42x-3, 19-20 42x-cc 44x-3, 20-21 44x-cc 45x-3, 20-21 45x-2, 21-32 45x-2, 21-32 45x-3, 20-21 45x-cc 47x-3, 20-21 47x-cc 47x-3, 20-21 50x-cc 51x-3, 21-32 52x-3, 15-16 52x-cc 53x-3, 23-24 54x-3, 23-24 54x-3, 23-24 54x-3, 23-24 55x-3, 23-25 52x-3, 23-26 62x-3, 2	38x-3, 20-21	HOLE 979A Core - Section, Interval (cm)
\$\frac{1}{2}\frac{1}{2	AG	Abundance Preservation
R	M O	Braarudosphaera bigelowii Calcidiscus leptoporus
		Calcidiscus macintyrei
C C C C C C C C C C C C C C C C C C C		Ceratolithus cristatus Coccolithus pelagicus
R		Dictyococcites perplexus
C C C A A A A A A C C C C C C C C C C C		Dictyococcites productus
\$ 5 S R R R R R R R R R R R R R R R R R R	D	1 1
FFRRRRF	О	- 1
R R		decorus
ξ	ם מ	Discoaster intercalaris
SSR R RRR R R R R R R R R R R R R R R R	D	
R	D.	Discoaster surculus
S R R F F F F F F F F F F F F F F F F F	O O	Discoaster tamalis Discoaster triradiatus
\$ R R	Ö	Discoaster variabilis
, s	Ğ	Geminilithella rotula
A		Gephyrocapsa spp. (small
OCCUPE FEFF FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	H _e	- 1
S		
FFF CCC CFFF FFF FC		
\$	1	
	P	Pontosphaera indooceanica
R F F F F F F F F F F F F F F F F F F F		Pontosphaera japonica Pseudoemiliania lacunosa
Fred Color C	士	1

marabilis Reticulofenestra gelida Reticulofenestra minuta Reticulofenestra minutu yracosphaera? fragilis sibogae claviqer fossilis neoabies Pyrocyclus hermosus Cretaceous Sphenolithus abies Paleogene HOLE 979A Reticulofenestra Imbilicosphaera Imbilicosphaera Imbilicosphaera horacosphaera Phoracosphaera Rhabdosphaera Rhabdosphaera Syracosphaera Scyphosphaera Table 7 Preservation Scapholithus Sphenolithus Abundance Reworked Reworked Reworked Core - Section Series Zone Interval (cm) NNIGR Pleist. 38X-3, 20-21 AG c R FR u-G 38x-cc ı C 39x-3, 18-19 R R w. G A 39x-ce i 40x-3, 20-21 40x-cc F Ā G A F 41X-3,20-21 G L 41x-cc A NN/9 A 4-2x-3,19-20 6 RR L F 42 X-CC G C F R 43X-3,20-21 G C R G 43 X-cc Α 44X-3, 20-21 G R c R R R 44 X-5, 20-21 G 8 Α G A 44 X-CC A R F RR M-G 45 X-2, 21-22 c 45 X-3,20-21 G C R 45 X-CC G A R 46X-3, 20-21 G FR 46x-cc C F R FF 47X-3, 20-21 G A R R RRR R ø G 47X-CC Α Α R 2 RR ppe 48 x - 3, 19-20 G o U С RR R NN 18 48 X - CC F A **p.**6 0 49X-3,20-21 FRRR FR A R Ξ 49 X-CC **"**-6 F A F 4-6 F 50 X-3, 20-21 F σ A R 50 X-CC R M c 51 X-3,21-23 R F 51X-cc M c c A R R R 52 X - 2 , 21-22 C R R R F R w€ w€ 52X-3 : 15-16 c R R R F NN17 C 5 RS F 52 X-CC A c ٧ 53 X-2, 22-23 G R ٧ 53×-3,23-24 53×-00 S M c C R R F R F c C R F 54 X - 3 , 22-24 μG C v R F F F R <u>, G</u> CC 54X-CC R 5 F NN16B 55 X-3,22-23 M C C FR R ų.ų 55 K-CC C R G F 56 X-3,20-21 A RR FR y-6 56 X-cc. С ĸ G C 45 57X-3 21-22 RR middle A 57X-cc A G ĸ c N.G c C 58 K - 3, 19-20 R RR G CC 58 X -CC R F 59X-3,20-21 Α 4-6 CC R RR NN/6A 59 X-CC Α G AA F y•G 60X-3.19-20 CC R FF AA 60 X-CC R G R R F A A C C A C 61X-3.19-20 6 F R F F A R R A C A 61X-CC G R A R R C 62X-3,19-20 F AG 62x-cc

pseudoumbilicus s.1.

minutula