

	Upsilon			?	A. labrata Zone				S. vesuvius Zone		A. australis Zone								
Depth (mbsf)		102.50	104.00	105.50	113.05	113.70	115.20	117.55	118.30	121.80	123.30	124.80	125.65	132.90	133.75	141.00	143.35	144.00	150.70
Core-section, interval (cm)		12-1, 20	12-2, 22	12-3, 20	13-1, 105	13-2, 20	13-3, 20	13-4, 105	13-5, 30	14-1, 20	14-2, 20	14-3, 20	14-3, 105	15-2, 20	15-2, 105	16-1, 20	16-2, 105	16-3, 20	17-1, 20
(mg dry sed)/mm^2		0.096	0.0504	0.168	0.17	0.206	0.1693	0.1379	0.1796	0.1303	0.2169	0.1313	0.1359	0.186	0.0875	0.2155	0.1833	0.164	0.1644
Radiolarian abundance		A	A	A	F	C	A	C-A	A	C	F	F	F	C	C	F-C	F	C	F-C
Radiolarian preservation		G	G	M	M	G	M	G	G	G	M	G	G	G	G	M-G	M	G	G
Pennate diatoms		A	C-A	C	F	F	F	C	F	R	F	C	C	C	A	C	C-A	C-A	A
Centric diatoms		C	C	A	F-C	C	A	C		F-C	F	C-A	C	A	A	C	A	VA	A
Sponge spicules		R	R	C	F		R	F-C	C	F-C	F		C	R	R	F-C	F	F-C	R
Silicoflagellates		C	R-F	C	R							R	F						C
Lithics; volcanic ash		R-F	F-C	C	F	C	C	A	C	C-A	C	F	F	F	F	C	C	C	
<i>Antarctissa cylindrica</i>		X	C-A	C-A															
<i>Cycladophora pliocenica</i>		-	?	C	?									?					
<i>Helotholus vema</i>		?	R	R		?													
<i>Desmospyris spongiosa</i>		C	F-C	?R		?	?C												
<i>Lampromitra coronata</i>		F	F	F-C		R-F		?	?R-F	o	o?		o						Xsl?
<i>Stichocorys peregrina</i>				R	F-C	F	C	A	A	C	o								
<i>Amphymenium challengerai</i>				R															
<i>Acrosphaera labrata</i>			?sl	F	?	R	R-F	F	-	-									
<i>Prunopyle titan</i>			C	?R					?R	?F				o,sl		F			Rss
<i>Eucyrtidium calvertense</i>			F	C	?R	F	R	F-C	F	F	C-A	F	?	F-C	F-C	F	?	R	?
<i>Triceriaspyris antarctica</i>				F-C									C						C-Asl
<i>Triceriaspyris coronata</i>		C	R	C	F-C	C	C	C	R			F-C	F			X			F-C
<i>Lychnocanium grande</i>				A	F-C	X	R	F-C	F-Csl	R	C	F-C	R	Csl	F-C	Csl			F-C
<i>Cenosphaera sp. Keany</i>				-	X	F-C	X	X		o,sl									
<i>Eucyrtidium pseudoinflatum</i>				C	R-F	F			F-R	F		R-F	F-C	F	F-C	Css	R	R-F	F
<i>Cycladophora spongothorax</i>							?		-	-	R	F	F-C	C	C	F	Rsl	C	C
<i>Lithomelissa stigi</i>									C	?C			R				F	F	C-A
<i>Acrosphaera australis</i>										o		X				F-C	R	F-C	F
<i>Siphonosphaera vesuvius</i>										C		F-C	C	F	C	R	-	-	R
<i>Prunopyle hayesi</i>											F			?F	R	C	?R	F-C	R
<i>Actinomma golowhiwi</i>																			
<i>Eucyrtidium cienkowski</i>							?C						F						
		12-1	12-2	12-3	13-1	13-2	13-3	13-4	13-5	14-1	14-2	14-3	14-3	15-2	15-2	16-1	16-2	16-3	17-1

				C. spongothorax Zone				A. golownini Zone			
153.05	153.70	155.20	156.70	160.30	161.80	163.30	164.15	167.15	170.75	172.90	179.50
17-2, 105	17-3, 20	17-4, 20	17-5, 20	18-1, 20	18-2, 20	18-3, 20	18-3, 105	18-5, 105	19-1, 105	19-3, 20	20-1, 20
0.1848	0.1176	0.1782	0.1545	0.2789	0.3254	0.2297	0.1922	0.1976	0.1766	0.2664	0.1662
A	F-C	C	C	C-A	F-C	R	F	C	F	F-C	C
G	G	G	G	G	G	M	G	G	C	G	G
A	C-A	C	C-A	C	F-C	F	R-F	F	F	F	F
C	C	C	C	C	F	F	R-F	F-C	F	F	F
F	F	F	F	F	.	F			F	F	C
C-A	F-C	F		R-F						C-A	X
C	R-F	F	F	F		F		F-C	A	R	F
		Xsl?									
						o	o				
R-F		R	?F	Rsl	R						
C	R-F	F-R	F-C	F		F-C	C	R-F			
		Csl	Css	Csl	C	C	C	C	F		o
C-A	C	X?	C-A	R	R	R-F	?F	R	R	X	
	C	R-Fsl	R	C-A	F	-	C	C	o	C	R
F	R	?	F		-	-	-				
C	C	F	C	R	R	F	R				
F-C	R	F	F	C	C-A	F-C	F	R	R	C	F
C	R-F	C	C	Rcf	-	-	-			?C	
F-C	R	R		Fsl							
C	C	F	C-A	F-C	C	C	C	F	C	C-A	C
				C	F		C	C	F-C	X	F
					C		?	F-C	C	C	C
17-2	17-3	17-4	17-5	18-1	18-2	18-3	18-3	18-5	19-1	19-3	20-1