

Ms 189SR-106, Table T3. A selection of palynological results, Hole 1172D, Maastrichtian–Eocene.

[illegible]

Notes: *N* = number. Offshore dinocysts are marked with (o). Magnetochrons are derived from [Stickley et al.](#) (this volume)

Table T3. A selection of palynological results, Hole 1172D, Maastrichtian–Eocene.

Core, section, interval (cm)	Median Depth (mbsf)	Magnetochron	N (palyomorphs)	N (dinocysts)	N (dinocysts indet.)	N (sporomorphs)	N (acritarchs)	N (Pediastrum)	N (foram linings)	%Terrestrial	%Offshore dinocysts	Reworked Upper Cretaceous	<i>Achilleodinium</i> spp. (o)	<i>Adnatosphaeridium multispinosum</i>	<i>Alora fenestrata</i>	<i>Alisocysta circumtabulata</i>	<i>Alisocysta margarita</i>
189-1172D-																	
3R-1, 40–42	363.2	C16	233	172	20	13	28			5.58	15.10						
3R-4, 40–42	367.7	C17	221	141	16	24	40			10.86	21.66						
5R-1, 40–42	507.4	C21	213	161	13	8	31			3.76	28.16						
5R-2, 38–40	508.88	C21	205	153	15	13	24			6.34	25.60						
6R-2, 38–40	518.48	C21	217	129	15	33	36		4	15.21	13.89						
6R-4, 38–40	521.48	C21	252	220	12	5	15			1.98	11.21						
7R-3, 40–42	529.6	C22	178	116	20	1	41			0.56	11.03						
7R-5, 40–42	532.6	C22	173	132	22	1	18			0.58	7.79						
8R-4, 40–42	540.7	C22	198	167	10	5	16			2.53	4.52						
8R-6, 40–42	543.7	C22	204	141	20	6	37			2.94	22.36						
9R-2, 40–42	547.3	C22	171	113	10	2	46			1.17	8.94						
9R-7, 40–42	554.8	C22	205	162	12	8	23			3.90	26.44						
9R-CC, 15–22	555.295	C22	195	145	15	22	13			11.28	15.00						
10R-1, 40–42	555.5	C22	188	123	15	15	35			7.98	20.29						
10R-3, 40–42	558.5	C22	168	144	8	4	12			2.38	13.16						
11R-5, 40–42	571.1	C23	178	129	15	24	10			13.48	23.61						
11R-6, 40–42	572.6	C23	231	124	5	46	50	1	5	19.91	32.56						
12R-1, 40–42	574.71	C23	188	158	5	10	15			5.32	19.02						
12R-2, 40–42	576.21	C23	241	208	4	3	26			1.24	45.75		1				
12R-3, 40–42	577.71	C23	245	203	12	5	25			2.04	29.77						
12R-4, 40–42	579.21	C23	106	84	7	4	11			3.77	45.05						
12R-5, 40–42	580.71	C23	198	168	8	8	14			4.04	42.86		2	1		1	
12R-6, 40–42	582.21	C24	81	42	14	6	19			7.41	46.43			2			
12R-7, 40–42	583.71	C24	216	176	12	1	27			0.46	28.72						
12R-CC, 23–28	584.27	C24	168	116	1	27	12		12	16.07	30.77						
13R-1, 40–42	584.31	C24	110	79	15	5	11			4.55	38.30						
13R-2, 40–42	585.81	C24	238	215	9	5	9			2.10	36.16						
13R-3, 40–42	587.31	C24	133	97	6	15	15			11.28	29.13						
13R-4, 40–42	588.81	C24	107	85	7	1	14			0.93	34.78						
13R-5, 40–42	589.81	C24	126	108	2	1	15			0.79	32.73						
13R-6, 40–42	591.81	C24	118	102	1	3	12			2.54	38.83						
13R-7, 40–42	593.31	C24	214	181	13	10	10			4.67	30.41						
13R-CC, 0–5	593.655	C24	290	177	10	65	38			22.41	33.69						
14R-1, 40–42	593.91	C24	215	193	4	4	14			1.86	67.01				1		
14R-2, 40–42	595.41	C24	204	159	6	15	24			7.35	32.73						
14R-3, 40–42	596.91	C24	231	180	6	18	27			7.79	71.51						
14R-4, 40–42	598.41	C24	80	63	3	5	9			6.25	16.67						
14R-5, 40–42	599.91	C24	106	87	4	3	12			2.83	38.46						
14R-6, 40–42	601.41	C24	230	186	4	17	23			7.39	37.37						
15R-1, 40–42	603.51	C24	229	204	7	1	17			0.44	5.69						
15R-2, 40–42	605.01	C24	127	106	3	7	11			5.51	13.76						
15R-3, 40–42	606.51	C24	229	177	9	15	28			6.55	23.12			12			
15R-4, 40–42	608.01	C24	233	187	1	1	44			0.43	10.11					1	
15R-5, 40–42	609.51	C24	116	101		10	5			8.62	12.87						
15R-6, 40–42	611.01	C24	228	196	11	10	11			4.39	18.84				2		
15R-7, 40–42	612.51	C24	170	104	63	3	0			1.76	5.99				2		
16R-1, 40–42	613.11	C24	220	190	4	20	6			9.09	63.40						1
16R-2, 40–42	614.61	C24	136	97	24	10	5			7.35	42.98				1		
16R-3, 40–42	616.11	C24	130	94	19	9	8			6.92	30.97				1		
16R-4, 40–42	617.61	C24	115	76	4	25	10			21.74	45.00						
16R-CC, 0–6	619.05	C24	71	65	1	5				7.04	25.76					1	
17R-1, 40–42	622.71	C25	126	54	59	7	6			5.56	6.19	2					1
17R-2, 40–42	624.21	C25	32	27	1	3	1			9.38	14.29						
17R-3, 40–42	625.71	C25	92	67	9	9	7			9.78	32.89						

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Alisocysta reticulata</i> group	<i>Alterbidinium/Diconodinium</i> spp. (pars.)	<i>Alterbidinium acutulum</i>	<i>Apectodinium homomorphum</i>	<i>Arachnodinium antarcticum</i> (o)	<i>Batiacasphaera</i> spp. (o)	<i>Caligodinium amiculum</i>	<i>Cannosphaeropsis</i> spp.	<i>Cerebrocysta/Corrudinium/Pyxidinopsis</i> spp. (o)	<i>Cerodinium</i> spp. (pars.)	<i>Cerodinium</i> sp. A	<i>Charlesdowniea coleothrypta</i>	<i>Charlesdowniea edwardsii</i> group	<i>Circulodinium compactum</i>	<i>Cleistosphaeridium</i> spp. (o)
189-1172D-																
3R-1, 40-42	363.2		1			1	1			5						
3R-4, 40-42	367.7		1				1			3						
5R-1, 40-42	507.4		5				2			5						
5R-2, 38-40	508.88		1				12			8						
6R-2, 38-40	518.48		5							3						5
6R-4, 38-40	521.48		6							1						17
7R-3, 40-42	529.6		3							3						
7R-5, 40-42	532.6		1			1				1						
8R-4, 40-42	540.7		6													1
8R-6, 40-42	543.7		1							2						18
9R-2, 40-42	547.3		5											1		3
9R-7, 40-42	554.8		1			1				3				1		2
9R-CC, 15-22	555.295		2											1		8
10R-1, 40-42	555.5		2			1	2			4				1		7
10R-3, 40-42	558.5		1		1	1	3			5				1		3
11R-5, 40-42	571.1		4				1		1	8			1	6		1
11R-6, 40-42	572.6		2				3			2						
12R-1, 40-42	574.71		1							3						
12R-2, 40-42	576.21		2							15						
12R-3, 40-42	577.71		1							11						
12R-4, 40-42	579.21		2							12						
12R-5, 40-42	580.71		1							8						
12R-6, 40-42	582.21		3							1						
12R-7, 40-42	583.71		2							27						10
12R-CC, 23-28	584.27		4							6						3
13R-1, 40-42	584.31		1		1					2						3
13R-2, 40-42	585.81		4							2	1		8			47
13R-3, 40-42	587.31		2							4						
13R-4, 40-42	588.81		14		3					11	1					3
13R-5, 40-42	589.81		2		1		4			6	1					14
13R-6, 40-42	591.81		1		3		1			6	3					5
13R-7, 40-42	593.31		2		1					8	4					1
13R-CC, 0-5	593.655		7							4						5
14R-1, 40-42	593.91		3							26						49
14R-2, 40-42	595.41		2		1					4						21
14R-3, 40-42	596.91		2		2					2	2					1
14R-4, 40-42	598.41		1							4						
14R-5, 40-42	599.91	1	1							6	1					1
14R-6, 40-42	601.41		1							5	2					2
15R-1, 40-42	603.51		4								3					
15R-2, 40-42	605.01		1		1					1	7					
15R-3, 40-42	606.51		3		3					2	22					8
15R-4, 40-42	608.01		4		1					4	3					
15R-5, 40-42	609.51		2		2					5	8					
15R-6, 40-42	611.01		41							16	11					1
15R-7, 40-42	612.51		69								3					
16R-1, 40-42	613.11		2							13	8					65
16R-2, 40-42	614.61		9							15	2					2
16R-3, 40-42	616.11		14							8	5					
16R-4, 40-42	617.61	1	1							11	1					
16R-CC, 0-6	619.05		7		3					3	4					
17R-1, 40-42	622.71	3	7		1						8					
17R-2, 40-42	624.21		13							1	2					
17R-3, 40-42	625.71	1	12				5			3	3					1

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Cordosphaeridium fibrospinosum</i> group	<i>Cordosphaeridium minimum</i>	<i>Cribreridinium</i> sp. A	<i>Cribreridinium</i> spp. (pars.)	<i>Dapsilidinium</i> spp.	<i>Deflandrea antarctica</i> group	<i>Deflandrea convexa</i> group	<i>Deflandrea phosphoritica</i> group	<i>Dinogymnium</i> spp.	<i>Dinopterygium</i> sp. A	<i>Dinopterygium</i> spp. (pars.)	<i>Diphyes colligerum</i> (o)	<i>Diphyes ficusoides</i> (o)	<i>Dracodinium waipawaense</i>	<i>Elytrocysta/Microdinium</i> spp. (o)
189-1172D-																
3R-1, 40-42	363.2						82		1							
3R-4, 40-42	367.7						89		2							
5R-1, 40-42	507.4	1					85	12	1							
5R-2, 38-40	508.88	1					78	13	3							
6R-2, 38-40	518.48						79	7	2							
6R-4, 38-40	521.48						171	2	1							
7R-3, 40-42	529.6						66	1	3							
7R-5, 40-42	532.6	1					64	7	1				1			
8R-4, 40-42	540.7	4					67	1	1							
8R-6, 40-42	543.7	1					43	1	2							
9R-2, 40-42	547.3						42	1	3							
9R-7, 40-42	554.8	1	1	1			75		3							
9R-CC, 15-22	555.295			2			90		3							
10R-1, 40-42	555.5	1		7			35	1	5							
10R-3, 40-42	558.5	1		2			81	1	9							
11R-5, 40-42	571.1	1		3			25	1	5			20				
11R-6, 40-42	572.6	1	1	1			3		15							
12R-1, 40-42	574.71	4		5			17		92							
12R-2, 40-42	576.21		3	2		1	22		55			1		1		
12R-3, 40-42	577.71		5	2			26		9							
12R-4, 40-42	579.21					1	13		4							
12R-5, 40-42	580.71	4				1	8	3	18						6	
12R-6, 40-42	582.21															
12R-7, 40-42	583.71	3	2				13		18						37	
12R-CC, 23-28	584.27	1		2			30		10			1				
13R-1, 40-42	584.31			2		1	2		3				3			
13R-2, 40-42	585.81	1					1		3							4
13R-3, 40-42	587.31			2			9		1							
13R-4, 40-42	588.81		3	1			8		2				4			
13R-5, 40-42	589.81	3	1	1		1	35	11	2				2		1	
13R-6, 40-42	591.81	2	1				8		4							
13R-7, 40-42	593.31	2				1	13	1	18				2			
13R-CC, 0-5	593.655	1					50		6				3			
14R-1, 40-42	593.91	2	3			1	4		2				5			
14R-2, 40-42	595.41	2					20	53					3			
14R-3, 40-42	596.91						3	5								
14R-4, 40-42	598.41						1	34	6							
14R-5, 40-42	599.91	1	1				2	18	1							
14R-6, 40-42	601.41		2				27	23	11							
15R-1, 40-42	603.51	1				2	100	41	1							
15R-2, 40-42	605.01		2				20	9	19							
15R-3, 40-42	606.51	4					4	8	18							
15R-4, 40-42	608.01						9	1	6							
15R-5, 40-42	609.51	35	1				11									
15R-6, 40-42	611.01	7	5			2	7		3				3			
15R-7, 40-42	612.51		3				4		3				4			
16R-1, 40-42	613.11	3	17			6	4		2				16			
16R-2, 40-42	614.61	1	9			1	4						3			
16R-3, 40-42	616.11	1	13				2									
16R-4, 40-42	617.61	3	15			1										
16R-CC, 0-6	619.05	1														
17R-1, 40-42	622.71	2	4				10		1							
17R-2, 40-42	624.21						2									
17R-3, 40-42	625.71	3	3				1		1							

Core, section, interval (cm)	Median Depth (mbsf)	<i>Enneadocysta</i> sp. A (o) <i>Enneadocysta partridgei</i> (o) <i>Eocladopysis</i> spp. <i>Exochosphaeridium bifidum</i> <i>Fibrocysta axialis</i>	<i>Florentinia mantellii</i> <i>Glaphyrocysta</i> spp. <i>Hafniasphaera septata</i> (o) <i>Heteraulacocysta</i> spp. <i>Histiocysta</i> spp.(o)	<i>Homotryblum</i> spp. <i>Hystrichokolpoma bullatum</i> (o) <i>Hystrichokolpoma eisenackii</i> (o) <i>Hystrichokolpoma rigaudiae</i> (o) <i>Hystrichokolpoma spinosum</i> (o)
189-1172D-				
3R-1, 40–42	363.2	16		
3R-4, 40–42	367.7	17		
5R-1, 40–42	507.4	28		
5R-2, 38–40	508.88	6		
6R-2, 38–40	518.48	5		
6R-4, 38–40	521.48	5		
7R-3, 40–42	529.6			
7R-5, 40–42	532.6			
8R-4, 40–42	540.7			
8R-6, 40–42	543.7			
9R-2, 40–42	547.3			
9R-7, 40–42	554.8			
9R-CC, 15–22	555.295			
10R-1, 40–42	555.5	1		
10R-3, 40–42	558.5			
11R-5, 40–42	571.1			
11R-6, 40–42	572.6	20		
12R-1, 40–42	574.71			
12R-2, 40–42	576.21			
12R-3, 40–42	577.71			
12R-4, 40–42	579.21			
12R-5, 40–42	580.71			
12R-6, 40–42	582.21			
12R-7, 40–42	583.71			
12R-CC, 23–28	584.27	13		
13R-1, 40–42	584.31			
13R-2, 40–42	585.81			
13R-3, 40–42	587.31			
13R-4, 40–42	588.81			
13R-5, 40–42	589.81			
13R-6, 40–42	591.81			
13R-7, 40–42	593.31			
13R-CC, 0–5	593.655			
14R-1, 40–42	593.91			
14R-2, 40–42	595.41			
14R-3, 40–42	596.91			
14R-4, 40–42	598.41			
14R-5, 40–42	599.91			
14R-6, 40–42	601.41			
15R-1, 40–42	603.51			
15R-2, 40–42	605.01			
15R-3, 40–42	606.51			
15R-4, 40–42	608.01			
15R-5, 40–42	609.51			
15R-6, 40–42	611.01			
15R-7, 40–42	612.51			
16R-1, 40–42	613.11			
16R-2, 40–42	614.61			
16R-3, 40–42	616.11	2		
16R-4, 40–42	617.61			
16R-CC, 0–6	619.05			
17R-1, 40–42	622.71			
17R-2, 40–42	624.21			
17R-3, 40–42	625.71			

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Hystrichokolpoma truncatum</i> (o)	<i>Hystrichokolpoma</i> spp. (pars.) (o)	<i>Hystrichostrogylon</i> spp. (o)	<i>Hystrichosphaeridium tubiferum</i>	<i>Hystrichosphaeridium truswelliae</i>	<i>Hystrichosphaeropsis</i> spp. (o)	<i>Impagidinium</i> spp. (o)	<i>Isabelidinium</i> spp.	<i>Kallosphaeridium</i> spp.	<i>Lejeunecysta</i> spp.	<i>Lingulodinium machaerophorum</i>	<i>Manumiella</i> spp.	<i>Membranophoridium perforatum</i>	<i>Melissosphaeridium pseudorecurvatum</i>	<i>Nematopshaeropsis</i> spp. (o)
189-1172D-																
3R-1, 40-42	363.2					1		3			1					
3R-4, 40-42	367.7					2		2			1					
5R-1, 40-42	507.4	1				1		6			1					1
5R-2, 38-40	508.88	1				1		4			1					
6R-2, 38-40	518.48	1				1										1
6R-4, 38-40	521.48					2										
7R-3, 40-42	529.6					5		1			1			1		
7R-5, 40-42	532.6					1		4						1		
8R-4, 40-42	540.7					1		1						2		
8R-6, 40-42	543.7					4		2						1		
9R-2, 40-42	547.3	1				1					1			1		
9R-7, 40-42	554.8			1		1		4			1			1		
9R-CC, 15-22	555.295					12		1								
10R-1, 40-42	555.5	1				2		2								
10R-3, 40-42	558.5	1				1										
11R-5, 40-42	571.1	1				1		5							1	
11R-6, 40-42	572.6					2		5			1				1	
12R-1, 40-42	574.71	2			2			1						1	1	
12R-2, 40-42	576.21	1		2	11			1						4		1
12R-3, 40-42	577.71	2		2	9			2								1
12R-4, 40-42	579.21	3			1	1								5	1	
12R-5, 40-42	580.71	1	2		4			7						14	1	1
12R-6, 40-42	582.21															
12R-7, 40-42	583.71	4			2			2						4	1	
12R-CC, 23-28	584.27				1			6			1					
13R-1, 40-42	584.31				2			3			1			9		
13R-2, 40-42	585.81		2		36			3							1	
13R-3, 40-42	587.31				5			3								
13R-4, 40-42	588.81				8			2	3		1					
13R-5, 40-42	589.81				1			1								
13R-6, 40-42	591.81				14			4								
13R-7, 40-42	593.31				27			10								
13R-CC, 0-5	593.655					17		1	5		1					
14R-1, 40-42	593.91				19	1		8	2		1					
14R-2, 40-42	595.41				2			2				1				
14R-3, 40-42	596.91				5			4			1					
14R-4, 40-42	598.41			1	5	1		3			1					
14R-5, 40-42	599.91				7			10							1	
14R-6, 40-42	601.41				5	1		14		13	1					
15R-1, 40-42	603.51				1	5		2		3	1	4			1	
15R-2, 40-42	605.01					3		2		1		1				
15R-3, 40-42	606.51			1	14	8		4							7	
15R-4, 40-42	608.01				2	94		3		21						
15R-5, 40-42	609.51				3	5		2		1						
15R-6, 40-42	611.01				3	12		7		2						
15R-7, 40-42	612.51				1	2		2								
16R-1, 40-42	613.11					9	2	5								
16R-2, 40-42	614.61					3	2	2		1						
16R-3, 40-42	616.11					5		3			2					
16R-4, 40-42	617.61			1		5		5			1					
16R-CC, 0-6	619.05					1		4								
17R-1, 40-42	622.71					2		3			2					
17R-2, 40-42	624.21					4										
17R-3, 40-42	625.71					12		8								

Core, section, interval (cm)	Median Depth (mbsf)	<i>Octodinium askiniae</i>	<i>Odontochitina operculata</i>	<i>Oligosphaeridium</i> spp.	<i>Operculodinium?</i> sp. A	<i>Operculodinium</i> spp.	<i>Palaeocystodinium</i> spp.	<i>Palaeoperidinium pyrophorum</i>	<i>Pentadinium laticinctum</i>	<i>Phelodinium kozlowskii</i>	<i>Phthanoperidinium echinatum</i> group	<i>Phthanoperidinium</i> spp. (pars.)	<i>Polysphaeridium</i> spp.	<i>Rotnestia borussica</i>	<i>Samlandia delicata</i> group	<i>Schematophora obscura</i>
189-1172D-																
3R-1, 40-42	363.2					1					7					
3R-4, 40-42	367.7					2										
5R-1, 40-42	507.4	1				1										
5R-2, 38-40	508.88					4										
6R-2, 38-40	518.48					1					2	7				
6R-4, 38-40	521.48					1					3	1				
7R-3, 40-42	529.6					2					2	6				
7R-5, 40-42	532.6					2					1	2				
8R-4, 40-42	540.7					2					2	3				
8R-6, 40-42	543.7	2				1					6	15				
9R-2, 40-42	547.3	1				1					1	1				
9R-7, 40-42	554.8	1				7					4	2				
9R-CC, 15-22	555.295					4					3					
10R-1, 40-42	555.5					1					27					
10R-3, 40-42	558.5					5					13					
11R-5, 40-42	571.1					1			1		5	1				
11R-6, 40-42	572.6	1				23					1			1	1	
12R-1, 40-42	574.71					2										
12R-2, 40-42	576.21					4										
12R-3, 40-42	577.71					2					4	8	67			
12R-4, 40-42	579.21					9					1					
12R-5, 40-42	580.71					27					1	1				
12R-6, 40-42	582.21												11			
12R-7, 40-42	583.71					13							26			
12R-CC, 23-28	584.27	1				13	1									
13R-1, 40-42	584.31					2										
13R-2, 40-42	585.81					5										
13R-3, 40-42	587.31					2	42									4
13R-4, 40-42	588.81					5	1									3
13R-5, 40-42	589.81					8	4									
13R-6, 40-42	591.81					14	8									4
13R-7, 40-42	593.31					40	2									
13R-CC, 0-5	593.655					18	5								1	1
14R-1, 40-42	593.91					20										1
14R-2, 40-42	595.41					16										
14R-3, 40-42	596.91	1				23	3									
14R-4, 40-42	598.41					2	1									
14R-5, 40-42	599.91					14	3									

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Senegalinium bicavatum</i>	<i>Senegalinium dilwynense</i>	<i>Senoniasphaera inornata</i>	<i>Spinidinium macmurdoense</i>	<i>Spinidinium</i> spp. (pars.)	<i>Spiniferella cornuta</i>	<i>Spiniferites</i> sp. A	<i>Spiniferites</i> sp. B	<i>Spiniferites</i> spp. (pars.) (o)	<i>Tanyosphaeridium</i> spp.	<i>Thalassiphora delicata</i> (o)	<i>Thalassiphora pelagica</i> (o)	<i>Trithyrodinium evittii</i>	<i>Turbiosphaera filosa</i>	<i>Vozzhennikovia</i> spp.
189-1172D-																
3R-1, 40-42	363.2				1				1	3						46
3R-4, 40-42	367.7									11						7
5R-1, 40-42	507.4									6						3
5R-2, 38-40	508.88									12					2	4
6R-2, 38-40	518.48				2	1				5						1
6R-4, 38-40	521.48					1				2						5
7R-3, 40-42	529.6									11						11
7R-5, 40-42	532.6									4						37
8R-4, 40-42	540.7									4						70
8R-6, 40-42	543.7				1	2				14						24
9R-2, 40-42	547.3				1	7				7						35
9R-7, 40-42	554.8								1	20						13
9R-CC, 15-22	555.295									14			1			4
10R-1, 40-42	555.5								4	6			1			4
10R-3, 40-42	558.5				1				4	6						
11R-5, 40-42	571.1								1	17						7
11R-6, 40-42	572.6				2				1	26		2				2
12R-1, 40-42	574.71						1			23						1
12R-2, 40-42	576.21								1	72			1			1
12R-3, 40-42	577.71							1	1	46						
12R-4, 40-42	579.21									25						
12R-5, 40-42	580.71									53						1
12R-6, 40-42	582.21									25						
12R-7, 40-42	583.71									6			1			
12R-CC, 23-28	584.27									19						
13R-1, 40-42	584.31									25						
13R-2, 40-42	585.81									26						
13R-3, 40-42	587.31									23						
13R-4, 40-42	588.81									12						
13R-5, 40-42	589.81									8			1			
13R-6, 40-42	591.81									24						
13R-7, 40-42	593.31					6			4	38						1
13R-CC, 0-5	593.655								1	50						1
14R-1, 40-42	593.91								1	38			6			
14R-2, 40-42	595.41					5			1	24						2
14R-3, 40-42	596.91									126						
14R-4, 40-42	598.41									3						
14R-5, 40-42	599.91					1				18						
14R-6, 40-42	601.41								9	50						
15R-1, 40-42	603.51								5	10						1
15R-2, 40-42	605.01									12					1	
15R-3, 40-42	606.51								2	27			1		1	1
15R-4, 40-42	608.01									12						
15R-5, 40-42	609.51									6						
15R-6, 40-42	611.01					1			2	12						1
15R-7, 40-42	612.51									4						
16R-1, 40-42	613.11								1	18	1	2				
16R-2, 40-42	614.61								1	28						2
16R-3, 40-42	616.11									22	1					
16R-4, 40-42	617.61									17		1				
16R-CC, 0-6	619.05				2	1				10						
17R-1, 40-42	622.71					1				3	1					1
17R-2, 40-42	624.21									3						
17R-3, 40-42	625.71				1					8						

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Wetzelia articulata</i>	<i>Wetzelia</i> spp. (pars.)	<i>Wilsonidium echinosuturatum</i>	<i>Wilsonidium ornatum</i>	<i>Wilsonidium tabulatum</i>
189-1172D-						
3R-1, 40–42	363.2					
3R-4, 40–42	367.7					
5R-1, 40–42	507.4			1		
5R-2, 38–40	508.88					
6R-2, 38–40	518.48					
6R-4, 38–40	521.48					
7R-3, 40–42	529.6					
7R-5, 40–42	532.6					
8R-4, 40–42	540.7					
8R-6, 40–42	543.7					
9R-2, 40–42	547.3					
9R-7, 40–42	554.8					
9R-CC, 15–22	555.295					
10R-1, 40–42	555.5					
10R-3, 40–42	558.5					
11R-5, 40–42	571.1	1				
11R-6, 40–42	572.6					
12R-1, 40–42	574.71					
12R-2, 40–42	576.21					
12R-3, 40–42	577.71					
12R-4, 40–42	579.21					
12R-5, 40–42	580.71					1
12R-6, 40–42	582.21					
12R-7, 40–42	583.71					
12R-CC, 23–28	584.27				1	
13R-1, 40–42	584.31		2			
13R-2, 40–42	585.81	5				
13R-3, 40–42	587.31					
13R-4, 40–42	588.81					
13R-5, 40–42	589.81					
13R-6, 40–42	591.81					
13R-7, 40–42	593.31					
13R-CC, 0–5	593.655					
14R-1, 40–42	593.91					
14R-2, 40–42	595.41					
14R-3, 40–42	596.91					
14R-4, 40–42	598.41					
14R-5, 40–42	599.91					
14R-6, 40–42	601.41					
15R-1, 40–42	603.51					
15R-2, 40–42	605.01					
15R-3, 40–42	606.51					
15R-4, 40–42	608.01					
15R-5, 40–42	609.51					
15R-6, 40–42	611.01					
15R-7, 40–42	612.51					
16R-1, 40–42	613.11					
16R-2, 40–42	614.61					
16R-3, 40–42	616.11					
16R-4, 40–42	617.61					
16R-CC, 0–6	619.05					
17R-1, 40–42	622.71					
17R-2, 40–42	624.21					
17R-3, 40–42	625.71					

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	Magnetochron	N (palynomorphs)	N (dinocysts)	N (dinocysts indet.)	N (sporomorphs)	N (acritarchs)	N (Pediastrum)	N (foram linings)	Terrestrial (%)	Offshore dinocysts (%)	Reworked Upper Cretaceous	<i>Achilleodinium</i> spp. (o)	<i>Adnatosphaeridium multispinosum</i>	<i>Aiora fenestrata</i>	<i>Alisocysta circumtabulata</i>	<i>Alisocysta margarita</i>
17R-4, 40-42	627.21	C25	58	44	9	4	1			6.90	41.51						
17R-5, 40-42	628.71	C25	211	177	5	13	16			6.16	28.57						
17R-6, 40-42	630.21	C25	131	103	7	11	9		1	8.40	17.27						
17R-7, 40-42	631.71	C25	49	28	7	7	7			14.29	20.00						
18R-1, 40-42	632.31	C25	80	51	4	22	3			27.50	32.73				1		1
18R-2, 40-42	633.78	C25	90	42	2	35	9		2	38.89	43.18	2					1
18R-4, 40-42	636.8	C25	233	184	19	18	12			7.73	41.87						15
18R-5, 40-42	638.35	C25	103	81	1	13	8			12.62	39.02						
18R-6, 40-42	639.3	C25	121	96	6	15	4			12.40	24.51						
19R-1, 40-42	641.91	C25	243	197	9	30	7			12.35	18.45						
19R-3, 40-42	644.9	C25	157	96	5	37	19			23.57	34.65						
20R-1, 40-42	651.51	C25	132	90	4	33	5			25.00	23.40					1	
20R-2, 40-42	653	C25	122	89	3	28	2			22.95	31.52					1	
20R-3, 40-42	654.71	C25	106	78	3	22	3			20.75	23.46					2	
20R-4, 40-42	656	C25	199	167	9	19	4			9.55	23.30				1	3	
20R-5, 40-42	657.51	C25	222	183	4	29	6			13.06	17.11					9	
20R-6, 40-42	659.01	C25	102	81	3	15	3			14.71	21.43					2	1
20R-7, 40-42	660.51	C25	124	87	9	26	2			20.97	19.79				1	3	
20R-CC, 7-12	660.875	C25	277	168	40	63	6			22.74	8.17					2	
21R-1, 40-42	661.11	C25	243	178	14	29	22			11.93	25.52					4	
21R-2, 40-42	662.6	C25	128	92	11	9	16			7.03	14.56					2	
21R-3, 40-42	664.11	C25	128	85	9	16	18			12.50	18.09				1	13	
21R-4, 15-18	665.355	C25	232	176	7	36	13			15.52	40.98				1	12	
21R-4, 40-42	665.6	C25	132	84	7	26	15			19.70	21.98				2	4	
21R-5, 40-42	667.1	C25	259	197	34	17	11			6.56	17.83					2	
21R-CC, 5-11	667.2	C25	70	43	2	20	2		3	28.57	4.44					1	
22R-1, 38-40	670.69	C25	238	195	16	16	11			6.72	3.79					3	
22R-2, 46-48	672.27	C25	228	202	7	6	13			2.63	3.92						2
22R-CC, 17-23	673.03	C25	223	216	5	1			1	0.45	0.47						
23R-1, 41-43	680.42	C25	253	216	24	4	9			1.58	11.16					13	
23R-1, 58-60	680.59	C25	266	223	20	20	1		2	7.52	9.05					3	2
23R-2, 4-8	681.56	C25	263	135	65	37	25		1	14.07	2.00					1	1
23R-CC, 28-33	682.06	C25	142	85	5	40	4		8	28.17	4.44						
24R-1, 60-64	690.3	C29	267	172	40	49	5		1	18.35	3.77					1	1
24R-2, 60-64	691.8	C29	281	123	50	103	5			36.65	8.09					1	
24R-3, 60-64	693.3	C29	197	127	20	43	7			21.83	4.76						
24R-4, 59-63	694.79	C29	178	120	17	36	5			20.22	5.11						
24R-5, 12-14	695.93	C29	179	140	10	21	7		1	11.73	2.82						
24R-5, 30-32	696.11	C29	270	145	25	80	20			29.63	5.39						
24R-5, 36-38	696.17	C29	227	174	10	42	1			18.50	3.26						
24R-5, 40-42	696.21	C29	308	113	20	135	40			43.83	5.26						
24R-5, 44-46	696.25	C30	412	146	20	200	45		1	48.54	3.61					1	
24R-5, 47-48	696.275	C30	429	154	15	220	40			51.28	2.96						
24R-5, 71-73	696.52	C30	455	100	30	245	80			53.85	1.54						
24R-5, 140-142	697.22	C30	212	112	10	70	20			33.02	4.10						
24R-6, 60-64	697.8	C30	584	141	75	315	45		8	53.94	0.00						
24R-CC, 0-6	699.02	C30	187	131	20	32	4			17.11	5.96						
25R-1, 60-64	699.9	C30	223	49	30	129	15			57.85	2.53						
25R-4, 60-64	704.4	C30	163	80	15	48	20			29.45	5.26						
25R-CC, 14-20	709.17	C30	219	122	15	42	40			19.18	12.41					1	
26R-2, 40-42	710.78	C30	279	189	25	25	40			8.96	6.07						
26R-6, 40-42	716.53	C31	272	187	20	30	35			11.03	5.31					1	
27R-6, 40-42	726.06	C31	277	187	25	25	40			9.03	6.60					2	
27R-7, 40-42	727.4	C31	250	160	20	25	45			10.00	6.11					2	

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Alisocysta reticulata</i> group	<i>Alterbidinium/Diconodinium</i> spp. (pars.)	<i>Alterbidinium acutulum</i>	<i>Apectodinium homomorphum</i>	<i>Arachnodinium antarcticum</i> (o)	<i>Batiacasphaera</i> spp. (o)	<i>Caligodinium amiculum</i>	<i>Cannosphaeropsis</i> spp.	<i>Cerebrocysta/Corrudinium/Pyxidinospis</i> spp. (o)	<i>Cerodinium</i> spp. (pars.)	<i>Cerodinium</i> sp. A	<i>Charlesdowniea coleothrypta</i>	<i>Charlesdowniea edwardsii</i> group	<i>Circulodinium compactum</i>	<i>Cleistosphaeridium</i> spp. (o)
17R-4, 40-42	627.21		2							8	1					
17R-5, 40-42	628.71		19							8	3					
17R-6, 40-42	630.21		5							3	5					
17R-7, 40-42	631.71		8							2	2					
18R-1, 40-42	632.31		7								4					
18R-2, 40-42	633.78		11							1	1					
18R-4, 40-42	636.8	4	15							37	6					
18R-5, 40-42	638.35	1	9							5	5					
18R-6, 40-42	639.3	13	15							4	4					
19R-1, 40-42	641.91	45	13							5	6					
19R-3, 40-42	644.9	2	1							9	5					
20R-1, 40-42	651.51	8	4							1	26					
20R-2, 40-42	653	2	4							3	16					
20R-3, 40-42	654.71	8	8				1				21					
20R-4, 40-42	656	13	1								9					
20R-5, 40-42	657.51	1	40							1	20					
20R-6, 40-42	659.01	4	4								12					
20R-7, 40-42	660.51	7	16							1	8					
20R-CC, 7-12	660.875	11	12							1	28					2
21R-1, 40-42	661.11	18	13							1	44					
21R-2, 40-42	662.6	6	1			1				1	54					
21R-3, 40-42	664.11	2	6							4	19	1				2
21R-4, 15-18	665.355	5	17							12	22					
21R-4, 40-42	665.6	2	3							4	17					
21R-5, 40-42	667.1	1	9							1	9					
21R-CC, 5-11	667.2		1								3					
22R-1, 38-40	670.69	3	7								4					
22R-2, 46-48	672.27	12	2								10					
22R-CC, 17-23	673.03		1								2					
23R-1, 41-43	680.42	2	21								11					
23R-1, 58-60	680.59	1	30								1					
23R-2, 4-8	681.56	2	20								3					
23R-CC, 28-33	682.06	4	30								12					
24R-1, 60-64	690.3	8	13	1							4					
24R-2, 60-64	691.8		10					1			1					
24R-3, 60-64	693.3	1	23								5					
24R-4, 59-63	694.79		25								2					
24R-5, 12-14	695.93		30	2							1	1				
24R-5, 30-32	696.11		25	2							3					
24R-5, 36-38	696.17	1	10	2							4		1			
24R-5, 40-42	696.21	4	12	4							1		8			
24R-5, 44-46	696.25	6	20	6							1		6			
24R-5, 47-48	696.275	1	20	18							2	12				
24R-5, 71-73	696.52		25	24							1		4			
24R-5, 140-142	697.22	1	15	36									1			
24R-6, 60-64	697.8	1	36	6									9			
24R-CC, 0-6	699.02		3	3							5		1			
25R-1, 60-64	699.9	2	4	3									2			
25R-4, 60-64	704.4	3	10	2									1			
25R-CC, 14-20	709.17	1	4	30									1			
26R-2, 40-42	710.78	1	15	25							1		7			
26R-6, 40-42	716.53	2	19	21									8			
27R-6, 40-42	726.06	1	23	14								11				
27R-7, 40-42	727.4	1	17	15								6				

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Cordosphaeridium fibrospinosum</i> group	<i>Cordosphaeridium minimum</i>	<i>Cribrerodinium</i> sp. A	<i>Cribrerodinium</i> spp. (pars.)	<i>Dapsilidinium</i> spp.	<i>Deflandrea antarctica</i> group	<i>Deflandrea convexa</i> group	<i>Deflandrea phosphorica</i> group	<i>Dinogymnium</i> spp.	<i>Dinopterygium</i> sp. A	<i>Dinopterygium</i> spp. (pars.)	<i>Diphyes colligerum</i> (o)	<i>Diphyes ficusoides</i> (o)	<i>Dracodinium waipawaense</i>	<i>Elytrocysta/Microdinium</i> spp. (o)
17R-4, 40-42	627.21		8				1									
17R-5, 40-42	628.71		9				1									
17R-6, 40-42	630.21		9				3		1							
17R-7, 40-42	631.71		1	1			1									
18R-1, 40-42	632.31		1	4												
18R-2, 40-42	633.78			1												
18R-4, 40-42	636.8	2	10													
18R-5, 40-42	638.35	1														
18R-6, 40-42	639.3	5	1			1										
19R-1, 40-42	641.91	6	5													
19R-3, 40-42	644.9	2	12													
20R-1, 40-42	651.51												3			
20R-2, 40-42	653															
20R-3, 40-42	654.71												5			
20R-4, 40-42	656		1			2							4			
20R-5, 40-42	657.51		5													
20R-6, 40-42	659.01															
20R-7, 40-42	660.51															
20R-CC, 7-12	660.875	2														
21R-1, 40-42	661.11		6													
21R-2, 40-42	662.6															
21R-3, 40-42	664.11															
21R-4, 15-18	665.355															
21R-4, 40-42	665.6															
21R-5, 40-42	667.1															
21R-CC, 5-11	667.2															
22R-1, 38-40	670.69															
22R-2, 46-48	672.27															
22R-CC, 17-23	673.03															
23R-1, 41-43	680.42					2										
23R-1, 58-60	680.59															15
23R-2, 4-8	681.56															2
23R-CC, 28-33	682.06															
24R-1, 60-64	690.3				1											6
24R-2, 60-64	691.8				4											10
24R-3, 60-64	693.3															1
24R-4, 59-63	694.79					1										
24R-5, 12-14	695.93				1											
24R-5, 30-32	696.11															
24R-5, 36-38	696.17															
24R-5, 40-42	696.21	1			1											
24R-5, 44-46	696.25															
24R-5, 47-48	696.275										1					
24R-5, 71-73	696.52										1					
24R-5, 140-142	697.22															
24R-6, 60-64	697.8															
24R-CC, 0-6	699.02															
25R-1, 60-64	699.9															
25R-4, 60-64	704.4											3				
25R-CC, 14-20	709.17											3				
26R-2, 40-42	710.78											7				
26R-6, 40-42	716.53											9				
27R-6, 40-42	726.06											7				
27R-7, 40-42	727.4											8				

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Enneadocysta</i> sp. A (o) <i>Enneadocysta partridgei</i> (o) <i>Eocladyxis</i> spp. <i>Exochosphaeridium bifidum</i> <i>Fibrocysta axialis</i>	<i>Florentinia mantelli</i> <i>Glaphyrocysta</i> spp. <i>Hafniasphaera septata</i> (o) <i>Heteraulacocysta</i> spp. <i>Histiocysta</i> spp.(o)	<i>Homotryblum</i> spp. <i>Hystriehokolpoma bullatum</i> (o) <i>Hystriehokolpoma eisenackii</i> (o) <i>Hystriehokolpoma rigaudiae</i> (o) <i>Hystriehokolpoma spinosum</i> (o)
17R-4, 40–42	627.21		1	
17R-5, 40–42	628.71			
17R-6, 40–42	630.21			2
17R-7, 40–42	631.71			
18R-1, 40–42	632.31		1	
18R-2, 40–42	633.78			
18R-4, 40–42	636.8		1	
18R-5, 40–42	638.35	2	1	
18R-6, 40–42	639.3	1		
19R-1, 40–42	641.91			1
19R-3, 40–42	644.9		2	1
20R-1, 40–42	651.51		1	1
20R-2, 40–42	653		2	
20R-3, 40–42	654.71		1	1
20R-4, 40–42	656			
20R-5, 40–42	657.51		4	
20R-6, 40–42	659.01		9	2
20R-7, 40–42	660.51		3	
20R-CC, 7–12	660.875		76	
21R-1, 40–42	661.11		7	
21R-2, 40–42	662.6		5	
21R-3, 40–42	664.11		3	
21R-4, 15–18	665.355		13	
21R-4, 40–42	665.6		13	
21R-5, 40–42	667.1		96	
21R-CC, 5–11	667.2		33	
22R-1, 38–40	670.69		156	
22R-2, 46–48	672.27		148	
22R-CC, 17–23	673.03		200	
23R-1, 41–43	680.42		75	1
23R-1, 58–60	680.59		90	
23R-2, 4–8	681.56		9	
23R-CC, 28–33	682.06		30	
24R-1, 60–64	690.3			
24R-2, 60–64	691.8			
24R-3, 60–64	693.3			
24R-4, 59–63	694.79	1		
24R-5, 12–14	695.93	1	1	
24R-5, 30–32	696.11	5	1	
24R-5, 36–38	696.17			
24R-5, 40–42	696.21			
24R-5, 44–46	696.25	1		
24R-5, 47–48	696.275			
24R-5, 71–73	696.52			
24R-5, 140–142	697.22			
24R-6, 60–64	697.8			
24R-CC, 0–6	699.02			
25R-1, 60–64	699.9			
25R-4, 60–64	704.4			
25R-CC, 14–20	709.17			
26R-2, 40–42	710.78			
26R-6, 40–42	716.53			
27R-6, 40–42	726.06			
27R-7, 40–42	727.4			

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Hystrichokolpoma truncatum</i> (o)	<i>Hystrichokolpoma</i> spp. (pars.) (o)	<i>Hystrichostrogylon</i> spp. (o)	<i>Hystrichosphaeridium tubiferum</i>	<i>Hystrichosphaeridium truswelliae</i>	<i>Hystrichosphaeropsis</i> spp. (o)	<i>Impagidinium</i> spp. (o)	<i>Isabelidinium</i> spp.	<i>Kallosphaeridium</i> spp.	<i>Lejeunecysta</i> spp.	<i>Lingulodinium machaerophorum</i>	<i>Manumiella</i> spp.	<i>Membranophoridium perforatum</i>	<i>Melissosphaeridium pseudorecurvatum</i>	<i>Nematopshaeropsis</i> spp. (o)
17R-4, 40-42	627.21					2		4			1					
17R-5, 40-42	628.71	1				28		17								
17R-6, 40-42	630.21					52		5								
17R-7, 40-42	631.71							1		1						
18R-1, 40-42	632.31					5		4		1						
18R-2, 40-42	633.78					3		8								
18R-4, 40-42	636.8					19		40		2						
18R-5, 40-42	638.35					13		19								
18R-6, 40-42	639.3					15		7		4						
19R-1, 40-42	641.91					24		15								
19R-3, 40-42	644.9				1	6		12		1	1					
20R-1, 40-42	651.51					7		8		1	1					
20R-2, 40-42	653					15		5								
20R-3, 40-42	654.71					6		5								
20R-4, 40-42	656					32		12		2						
20R-5, 40-42	657.51					40		9		2						
20R-6, 40-42	659.01					18		4		2						
20R-7, 40-42	660.51					1		4		3						
20R-CC, 7-12	660.875				2	1		6	3		1	1				
21R-1, 40-42	661.11	1				4		19				1				
21R-2, 40-42	662.6	1						1		1						
21R-3, 40-42	664.11					3		7								
21R-4, 15-18	665.355	9						29			1					
21R-4, 40-42	665.6				1	3		8								
21R-5, 40-42	667.1				1	3		22			1					
21R-CC, 5-11	667.2				1			1			1					
22R-1, 38-40	670.69					1		4								
22R-2, 46-48	672.27				6			3	2							
22R-CC, 17-23	673.03				1											
23R-1, 41-43	680.42					23		3							1	
23R-1, 58-60	680.59					4		1	13		15					
23R-2, 4-8	681.56					1			2		1					
23R-CC, 28-33	682.06				3			1								
24R-1, 60-64	690.3				1			1			6					
24R-2, 60-64	691.8				2			1			1		1			
24R-3, 60-64	693.3				1						1					
24R-4, 59-63	694.79				1											
24R-5, 12-14	695.93										1					
24R-5, 30-32	696.11				1											
24R-5, 36-38	696.17							2					1			
24R-5, 40-42	696.21				1			3					10			
24R-5, 44-46	696.25				1								62			
24R-5, 47-48	696.275							1					68			
24R-5, 71-73	696.52							1					20			
24R-5, 140-142	697.22												27			
24R-6, 60-64	697.8				1								75			
24R-CC, 0-6	699.02				1			1			2		100			
25R-1, 60-64	699.9												24			
25R-4, 60-64	704.4							1					50			
25R-CC, 14-20	709.17												50			1
26R-2, 40-42	710.78				1			2					100			
26R-6, 40-42	716.53							2					100			
27R-6, 40-42	726.06				1			1					100			
27R-7, 40-42	727.4							2					86			

Core, section, interval (cm)	Median Depth (mbsf)	<i>Octodinium askiniæ</i>	<i>Odontochitina operculata</i>	<i>Oligosphaeridium</i> spp.	<i>Operculodinium?</i> sp. A	<i>Operculodinium</i> spp.	<i>Palaeocystodinium</i> spp.	<i>Palaeoperidinium pyrophorum</i>	<i>Pentadinium laticinctum</i>	<i>Phelodinium kozlowskii</i>	<i>Phthanoperidinium echinatum</i> group	<i>Phthanoperidinium</i> spp. (pars.)	<i>Polysphaeridium</i> spp.	<i>Rotnestia borussica</i>	<i>Samlandia delicata</i> group	<i>Schematophora obscura</i>
17R-4, 40–42	627.21					3	3									
17R-5, 40–42	628.71					8	51									
17R-6, 40–42	630.21					4	2									
17R-7, 40–42	631.71					3	1									
18R-1, 40–42	632.31					1	1	1				1				
18R-2, 40–42	633.78					2	1									
18R-4, 40–42	636.8					6	17									
18R-5, 40–42	638.35					7	4									1
18R-6, 40–42	639.3					9	2									
19R-1, 40–42	641.91					47	5									6
19R-3, 40–42	644.9					22	1	1							3	
20R-1, 40–42	651.51			1		10	3				3					
20R-2, 40–42	653					4	4				2					
20R-3, 40–42	654.71					5	2									
20R-4, 40–42	656					37	1				3					
20R-5, 40–42	657.51					15	6	1			4					
20R-6, 40–42	659.01					4	3	1								
20R-7, 40–42	660.51					19	2	1								
20R-CC, 7–12	660.875					11	2									
21R-1, 40–42	661.11			1		19	6				1					
21R-2, 40–42	662.6					5	3									
21R-3, 40–42	664.11					13	5									
21R-4, 15–18	665.355					14	13									
21R-4, 40–42	665.6					8	7									
21R-5, 40–42	667.1					17	12									
21R-CC, 5–11	667.2						1									
22R-1, 38–40	670.69			1		1	10									
22R-2, 46–48	672.27					2	4									
22R-CC, 17–23	673.03						1									
23R-1, 41–43	680.42			2		10	3	1								
23R-1, 58–60	680.59			1		1	3									
23R-2, 4–8	681.56					1	4				1					
23R-CC, 28–33	682.06						1									
24R-1, 60–64	690.3					1	18	70								
24R-2, 60–64	691.8			2		9	7	17								
24R-3, 60–64	693.3			1	1	1	5	1								
24R-4, 59–63	694.79			1		2	1									
24R-5, 12–14	695.93				1	1	5	79								
24R-5, 30–32	696.11				1	2	10	74</								

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Senegalinium bicavatum</i>	<i>Senegalinium dilwynense</i>	<i>Senoniasphaera inornata</i>	<i>Spinidinium macmurdoense</i>	<i>Spinidinium</i> spp. (pars.)	<i>Spiniferella cornuta</i>	<i>Spiniferites</i> sp. A	<i>Spiniferites</i> sp. B	<i>Spiniferites</i> spp. (pars.) (o)	<i>Tanyosphaeridium</i> spp.	<i>Thalassiphora delicata</i> (o)	<i>Thalassiphora pelagica</i> (o)	<i>Trithyrodinium evittii</i>	<i>Turbiosphaera filosa</i>	<i>Vozzhennikovia</i> spp.
17R-4, 40-42	627.21				1					8		1				
17R-5, 40-42	628.71				3				1	26	1				1	
17R-6, 40-42	630.21									9	2					1
17R-7, 40-42	631.71				1				1	4	1					
18R-1, 40-42	632.31				2				2	14						
18R-2, 40-42	633.78				2				1	10						
18R-4, 40-42	636.8								1	8	1					
18R-5, 40-42	638.35						1			6		1			4	
18R-6, 40-42	639.3									6		1			1	
19R-1, 40-42	641.91									16	1	1				1
19R-3, 40-42	644.9									13	1					
20R-1, 40-42	651.51								1	9	1					
20R-2, 40-42	653								8	21	2					
20R-3, 40-42	654.71								4	7	2					
20R-4, 40-42	656				1				11	25	9					
20R-5, 40-42	657.51						1		2	22	1					
20R-6, 40-42	659.01						1		1	12	1					
20R-7, 40-42	660.51								2	14	1					
20R-CC, 7-12	660.875									8						
21R-1, 40-42	661.11						1		3	28	1					
21R-2, 40-42	662.6									11						
21R-3, 40-42	664.11								1	4	1					
21R-4, 15-18	665.355									22	3	3				
21R-4, 40-42	665.6								4	8						
21R-5, 40-42	667.1		1						3	17		1				1
21R-CC, 5-11	667.2									1						
22R-1, 38-40	670.69						1			4						
22R-2, 46-48	672.27		5							5	1					
22R-CC, 17-23	673.03		10							1						
23R-1, 41-43	680.42		25				1			17	2	3				
23R-1, 58-60	680.59		35			1				5	1	1				
23R-2, 4-8	681.56		55			30				2						
23R-CC, 28-33	682.06									3					1	
24R-1, 60-64	690.3		5			28	5			1					1	
24R-2, 60-64	691.8		2	1		45	1		1	3	2				1	
24R-3, 60-64	693.3		25	1		50	1		1	6					2	
24R-4, 59-63	694.79		50	1		25		1		7	1				1	
24R-5, 12-14	695.93	3	5	1		2				4					1	
24R-5, 30-32	696.11	2	1	2		2				9	1				4	
24R-5, 36-38	696.17						1			4					2	
24R-5, 40-42	696.21			1				1		4					1	
24R-5, 44-46	696.25					1				6	6				1	
24R-5, 47-48	696.275									4	1					
24R-5, 71-73	696.52					1			4	1						
24R-5, 140-142	697.22								4	5						
24R-6, 60-64	697.8								2							
24R-CC, 0-6	699.02									8						
25R-1, 60-64	699.9								2	2						
25R-4, 60-64	704.4								1	4						
25R-CC, 14-20	709.17									16						
26R-2, 40-42	710.78									11	1					
26R-6, 40-42	716.53							1		9	1					
27R-6, 40-42	726.06									13						
27R-7, 40-42	727.4							1		9						

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Wetzelia articulata</i>	<i>Wetzelia</i> spp. (pars.)	<i>Wilsonidium echinosuturatum</i>	<i>Wilsonidium ornatum</i>	<i>Wilsonidium tabulatum</i>
17R-4, 40-42	627.21					
17R-5, 40-42	628.71					
17R-6, 40-42	630.21					
17R-7, 40-42	631.71					
18R-1, 40-42	632.31					
18R-2, 40-42	633.78					
18R-4, 40-42	636.8					
18R-5, 40-42	638.35					
18R-6, 40-42	639.3					
19R-1, 40-42	641.91					
19R-3, 40-42	644.9					
20R-1, 40-42	651.51					
20R-2, 40-42	653					
20R-3, 40-42	654.71					
20R-4, 40-42	656					
20R-5, 40-42	657.51					
20R-6, 40-42	659.01					
20R-7, 40-42	660.51					
20R-CC, 7-12	660.875					
21R-1, 40-42	661.11					
21R-2, 40-42	662.6					
21R-3, 40-42	664.11					
21R-4, 15-18	665.355					
21R-4, 40-42	665.6					
21R-5, 40-42	667.1					
21R-CC, 5-11	667.2					
22R-1, 38-40	670.69					
22R-2, 46-48	672.27					
22R-CC, 17-23	673.03					
23R-1, 41-43	680.42					
23R-1, 58-60	680.59					
23R-2, 4-8	681.56					
23R-CC, 28-33	682.06					
24R-1, 60-64	690.3					
24R-2, 60-64	691.8					
24R-3, 60-64	693.3					
24R-4, 59-63	694.79					
24R-5, 12-14	695.93					
24R-5, 30-32	696.11					
24R-5, 36-38	696.17					
24R-5, 40-42	696.21					
24R-5, 44-46	696.25					
24R-5, 47-48	696.275					
24R-5, 71-73	696.52					
24R-5, 140-142	697.22					
24R-6, 60-64	697.8					
24R-CC, 0-6	699.02					
25R-1, 60-64	699.9					
25R-4, 60-64	704.4					
25R-CC, 14-20	709.17					
26R-2, 40-42	710.78					
26R-6, 40-42	716.53					
27R-6, 40-42	726.06					
27R-7, 40-42	727.4					

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	Magnetochron	N (palynomorphs)	N (dinocysts)	N (dinocysts indet.)	N (sporomorphs)	N (acritarchs)	N (Pediastrum)	N (foram linings)	Terrestrial (%)	Offshore dinocysts (%)	Reworked Upper Cretaceous	<i>Achilleodinium</i> spp. (o)	<i>Adnatosphaeridium multispinosum</i>	<i>Alora fenestrata</i>	<i>Alisocysta circumtabulata</i>	<i>Alisocysta margarita</i>
28R-6, 40–42	735.77	C31	179	109	15	20	35			11.17	3.23						
28R-7, 40–42	737.01	C31	266	151	30	40	45			15.04	6.08						
29R-1, 40–42	738.1	C31	247	147	20	45	35			18.22	4.79						
29R-5, 40–42	744.1	C31	284	154	30	60	40			21.13	2.72						
30R-CC, 15–22	747.5	C31	194	129	20	30	5		10	15.46	8.05						
31R-CC, 17–22	766.14	C31	121	86	10	20	1		4	16.53	16.67						

Notes: *N* = number. Offshore dinocysts are marked with (o). Magnetochrons are derived from [Stickley et al.](#) (this volume).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Alisocysta reticulata</i> group								
		<i>Alterbidinium/Diconodinium</i> spp. (pars.)								
		<i>Alterbidinium acutum</i>								
		<i>Apectodinium homomorphum</i>								
		<i>Arachnodinium antarcticum</i> (o)								
		<i>Batiacasphaera</i> spp. (o)								
		<i>Caligodinium amiculum</i>								
		<i>Cannosphaeropsis</i> spp.								
		<i>Cerebrocysta/Cornudinium/Pxydinopsis</i> spp. (o)								
		<i>Cerodinium</i> spp. (pars.)								
		<i>Cerodinium</i> sp. A								
		<i>Charlesdowniea coleothrypta</i>								
		<i>Charlesdowniea edwardsii</i> group								
		<i>Circulodinium compactum</i>								
		<i>Cleistosphaeridium</i> spp. (o)								
28R-6, 40–42	735.77	1	23	7						
28R-7, 40–42	737.01		22	12						
29R-1, 40–42	738.1		25	7						
29R-5, 40–42	744.1		30	5						
30R-CC, 15–22	747.5		7	1						
31R-CC, 17–22	766.14		3	1						

Core, section, interval (cm)	Median Depth (mbsf)			
28R-6, 40–42	735.77	<i>Cordosphaeridium fibrospinosum</i> group <i>Cordosphaeridium minimum</i> <i>Cribroperidinium</i> sp. A <i>Cribroperidinium</i> spp. (pars.) <i>Dapsilidinium</i> spp.	<i>Deflandrea antarctica</i> group <i>Deflandrea convexa</i> group <i>Deflandrea phosphoritica</i> group <i>Dinogymnium</i> spp. <i>Dinopterygium</i> sp. A	<i>Dinopterygium</i> spp. (pars.) <i>Diphyes colligerum</i> (o) <i>Diphyes frusoides</i> (o) <i>Dracodinium waipawaense</i> <i>Elytrocysta/Microdinium</i> spp. (o)
28R-7, 40–42	737.01			
29R-1, 40–42	738.1			
29R-5, 40–42	744.1			
30R-CC, 15–22	747.5			
31R-CC, 17–22	766.14			

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Enneadocysta</i> sp. A (o) <i>Enneadocysta partridgei</i> (o) <i>Eocladopyxis</i> spp. <i>Exochosphaeridium bifidum</i> <i>Fibrocysta axialis</i>	<i>Florentinia mantellii</i> <i>Glaphyrocysta</i> spp. <i>Hafniasphaera septata</i> (o) <i>Heteraulacocysta</i> spp. <i>Histiocysta</i> spp.(o)	<i>Homotryblum</i> spp. <i>Hystrichokolpoma bullatum</i> (o) <i>Hystrichokolpoma eisenackii</i> (o) <i>Hystrichokolpoma rigaudiae</i> (o) <i>Hystrichokolpoma spinosum</i> (o)
28R-6, 40–42	735.77			
28R-7, 40–42	737.01			
29R-1, 40–42	738.1			
29R-5, 40–42	744.1			
30R-CC, 15–22	747.5			
31R-CC, 17–22	766.14			

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Hystrichokolpoma truncatum</i> (o)	<i>Hystrichokolpoma</i> spp. (pars.) (o)	<i>Hystrichostrogylon</i> spp. (o)	<i>Hystrichosphaeridium tubiferum</i>	<i>Hystrichosphaeridium truswelliae</i>	<i>Hystrichosphaeropsis</i> spp. (o)	<i>Impagidinium</i> spp. (o)	<i>Isabelidinium</i> spp.	<i>Kallosphaeridium</i> spp.	<i>Lejeunecysta</i> spp.	<i>Lingulodinium machaerophorum</i>	<i>Manumiella</i> spp.	<i>Membranophoridium perforatum</i>	<i>Melissosphaeridium pseudorecurvatum</i>	<i>Nematopshaeropsis</i> spp. (o)
28R-6, 40-42	735.77				1			2					43			
28R-7, 40-42	737.01				1			3					78			
29R-1, 40-42	738.1				1			2					65			
29R-5, 40-42	744.1							2					45			
30R-CC, 15-22	747.5				4			5					63			
31R-CC, 17-22	766.14							15	10				50			

[illegible]

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Senegalinium bicavatum</i>	<i>Senegalinium dilwynense</i>	<i>Senoniasphaera inornata</i>	<i>Spinidinium macmurdoense</i>	<i>Spinidinium</i> spp. (pars.)	<i>Spiniferella cornuta</i>	<i>Spiniferites</i> sp. A	<i>Spiniferites</i> sp. B	<i>Spiniferites</i> spp. (pars.) (o)	<i>Tanyosphaeridium</i> spp.	<i>Thalassiphora delicata</i> (o)	<i>Thalassiphora pelagica</i> (o)	<i>Trithyrodinium evittii</i>	<i>Turbiosphaera filosa</i>	<i>Vozzhennikovia</i> spp.
28R-6, 40-42	735.77									2	1					
28R-7, 40-42	737.01							1		8						
29R-1, 40-42	738.1							1		6						
29R-5, 40-42	744.1							1		3						
30R-CC, 15-22	747.5									7						
31R-CC, 17-22	766.14									1						

Table T3 (continued).

Core, section, interval (cm)	Median Depth (mbsf)	<i>Wetzelella articulata</i>	<i>Wetzelella</i> spp. (pars.)	<i>Wilsonidinium echinosuturatum</i>	<i>Wilsonidinium ornatum</i>	<i>Wilsonidinium tabulatum</i>
28R-6, 40-42	735.77					
28R-7, 40-42	737.01					
29R-1, 40-42	738.1					
29R-5, 40-42	744.1					
30R-CC, 15-22	747.5					
31R-CC, 17-22	766.14					