

Table T1. Palynological results from samples of Hole 1170D. (Continued on next page.)

Core, section, interval (cm)	Median depth (mbsf)	N (palynomorphs)	N (dinocysts)	N (sporomorphs)	N (foram linings)	N (acritarchs)	Cysts per gram	Unit	Association	Alterbidinium <i>distinctum</i>	Alterbidinium/ <i>Senegalinium</i> spp.	<i>Batiacasphaera</i> spp.	<i>Brigantedinium?</i> sp.	<i>Cerebrocysta</i> / <i>Pxydinopsis</i> spp.	<i>Cleistosphaeridium</i> spp.	<i>Cooksonidium capricornum</i>	<i>Cordosphaeridium minimum</i>	<i>Corruidium</i> spp.	<i>Deflandrea antarctica</i> group	<i>Deflandrea convexa</i> group	<i>Deflandrea phosphoritica</i> group	<i>Deflandrea</i> sp. A	<i>Deflandrea</i> indet.	<i>Diphyes colligerum</i>	<i>Echinidinium</i> spp.	<i>Elytrocysta</i> spp.	<i>Enneadocysta partidgei</i>	<i>Enneadocysta</i> sp. A	<i>Hemiplacophora semilunifera</i>	
189-1170D- 6R-1, 34–36	472.24	0	0	0	0	0	0	Pel	B																					
6R-CC,16–19	472.80	352	230	43	4	75	4,000	Tra	2	7		2	11	1	1.5		1									1	2	2	1	
7R-1, 0–2	476.62	358	300	22	0	36	6,000	Tra	2	65		1	2	1						2	4	8.5	9.5				3			
7R-1, 25–27	476.87	225	144	50	2	29	2,000	Tra	2	13			5	2	1						8	6	1.5		3		5	1		
7R-1, 50–52	477.12	387	247	81	3	56	4,000	Tra	2	21			10	2				3	5		1	8	7				5			
7R-1, 75–77	477.37	319	201	72	2	44	3,000	Tra	2	21.5		1	7		2		3	4			3	8	8		2	1	3	2		
7R-1, 85–87	477.47	320	167	53	6	94	4,000	Tra	2	9.5	1	2	10	4	1		2	2			3	5.5	4.5				2.5			
7R-2, 85–87	478.97	280	177	65	15	23	8,000	Tra	2	6			6	5			3	2			1	10	3				3	1		
8R-1, 85–87	482.37	903	770	103	13	17	37,000	Tra	1	4		1	8	2	1	1	7	1	3		5	6	10				4			
8R-2, 85–87	483.87	348	255	46	7	40	12,000	Tra	1	5			5				3	1	2		2	1	8.5				2			
8R-3, 85–87	485.37	482	342	68	11	61	16,000	Tra	1	8		2	2	2			4		1		10	1	6.5				6	2		
8R-4, 85–87	486.87	413	322	37	6	48	15,000	Tra	1	3				1			1				5	4		1			4			
8R-5, 82–84	488.34	413	325	45	5	38	22,000	Tra	1	2							6				19	3	4.25				12			
9R-1, 85–87	491.97	399	329	16	2	52	23,000	Spd	1		1						4				40	1					2	2		
9R-2, 85–87	493.47	499	315	33	15	136	15,000	Spd	1	1.5				1			10				1						5	1	1	
9R-3, 85–87	494.97	325	201	39	13	72	10,000	Spd	1	1							2		2		1						6			
9R-4, 85–87	496.47	293	183	31	5	74	9,000	Spd	1	1							5	2			1		0.5				6	1		

Notes: N = number. Pel = pelagic, Tra = transitional, Spd = siliciclastic pro-deltaic. B = barren.

Table 1 (continued).

Core, section, interval (cm)	Median depth (mbsf)	<i>Hystriosphæridium rigaudiae</i>	<i>Hystriosphæridium truswelliae</i>	<i>Impagidinium</i> spp.	<i>Lejeunecysta</i> spp.	<i>Nematosphaeropsis labyrinthus</i>	<i>Octodinium askinae</i>	<i>Operculodinium</i> spp.	<i>Paucisphaeridium</i> spp.	<i>Phthanoperidinium echinatum</i> group	<i>Samlandia chlamydotheca</i>	<i>Selenopemphix</i> spp.	<i>Spinidinium colemanii</i>	<i>Spinidinium luciae</i>	<i>Spinidinium macmurdoense</i>	<i>Spiniferites</i> spp.	<i>Stoveracysta kakanuiensis</i>	<i>Stoveracysta ornata</i>	<i>Tectatodinium</i> spp.	<i>Turbiosphaera filosa</i>	<i>Vozzhennikovia</i> spp.	Dinocysts indet.		
189-1170D- 6R-1, 34–36	472.24	1															4							
6R-CC,16–19	472.80		3	1	1	16	2	12	28	20.5	2	8	3								1	59	26	
7R-1, 0–2	476.62		2	2	1	24	3		48	6	1	10	2							1	6	86	14	
7R-1, 25–27	476.87		3	6	1	17	7	1	18	6	1	1	1							1	3.5	19	11	
7R-1, 50–52	477.12		5	8		11	11	3	61	12		9	6							1	0.5	34	23	
7R-1, 75–77	477.37		4	3		12	11		31	6	1	11	2							2	4	33	14	
7R-1, 85–87	477.47		5	7		10	6	5	27	10	2	8	1								1	1	18	19
7R-2, 85–87	478.97			2		1	3		20	5	17	1	3	3								78.5	3	
8R-1, 85–87	482.37		2	1	1	5	18		386	6	118	3	22	11							19	117	8	
8R-2, 85–87	483.87		5.5			4	9	1	68.5	1	9		23	4							9	86	5	
8R-3, 85–87	485.37	1.5	1		15.5	8	4	95	9	5	1	61							3.5	89.5	3			
8R-4, 85–87	486.87	1	0.5		4	3		166	1		11	1							15	100				
8R-5, 82–84	488.34	1	3	2	5	11		90	2	9		43.5	5.5						18	87	2			
9R-1, 85–87	491.97		1	1	14	5		171	4		1	20	5						5	46	2			
9R-2, 85–87	493.47	1	3	3	6		2	28	3		50	2							5	185	6			
9R-3, 85–87	494.97		1.5	3	5			38	10		40.5	3							3	82.5	2			
9R-4, 85–87	496.47	2.5	0.5	3	12	5		21	12		16	4							1	83	6			