Table T10. Distribution of organic walled dinoflagellate cysts (dinocysts; number of specimens counted) and percentages of the major other palynomorph groups in selected samples, Holes 1172A and 1172D. (Continued on next page.)

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	*N* (palynomorphs)	*N* (dinocysts)	*N* (sporomorphs)	*N* (foraminifer linings)	*N* (acritarchs)	Sporomorphs (%)	Foraminifer linings (%)	Acritarchs (%)	*Acanthaulax wilsonii*	*Xenicodinium*? sp.	*Achomosphaera alcicornu*	*Aireiana verrucosa*	*Alisocysta circumtabulata*	*Alisocysta reticulata*	*Alterbidinium distinctum*	*Alterbidinium* spp.	*Areoligera senonensis*	*Areosphaeridium diktyoplokum*	*Batiacasphaera compta*	*Brigantedinium* spp.	*Brigantedinium*? sp.	*Cassidium fragile*	*Cerebrocysta bartonensis*	*Cerodinium boloniensis*	*Cerodinium* spp.	*Cordosphaeridium fibrospinosum*	*Corrudinium* sp. (G&F '83)	*Corrudinium* sp. A	*Cribroperidinium* spp.	*Deflandrea phosphoritica* group	*Dinopterygium cladoides*	*Elytrocysta* spp.	*Enneadocysta partridgei*	*Enneadocysta pectiniformis*	*Eocladopyxis* sp.	*Exochosphaeridium bifidum*	*Florentinia mantellii*	*Gelatia inflata*
189-1172A-																																									
1H-CC, 10-15	6.24	G	F	x	x																		5																		
4H-CC, 12-17	35.11	G	T	x	x																																				
8H-CC, 15-20	73.22		B	x	x																																				
12H-CC, 10-15	110.05		B	x	x																																				
37X-CC, 38-43	345.10		B	x	x																																				
38X-CC, 24-29	353.76		B	x	x																																				
39X-2, 18-20	356.28		B	x	x																																				
39X-2, 135-137	357.45		B	x	x																																				
39X-3, 122-124	358.82	M	C	160	157	6	3	0	3.8	1.9	0.0													125									11		2	1					
39X-5, 22-24	360.82	G	A	250	244	5	1	0	2.0	0.4	0.0			1	1			2	4											1	1		200			1					1
39X-6, 64-66	362.74	G	A	233	228	7	5	2	3.0	2.1	0.9							1	7		1												60		1	2	1				
39X-CC, 27-33	364.34	G	A	221	207	8	6	1	3.6	2.7	0.5							1	2											1			130		3	6	3				
40X-CC, 26-31	374.00	G	A	231	217	7	11	3	3.0	4.8	1.3								10														150		3	10					
50X-CC, 0-8	460.20	G	A	250	248	1	3	1	0.4	1.2	0.4								1			1				6							30			205					
51X-CC, 43-48	476.19	G	A	146	251	2	6	10	1.4	4.1	6.8															1							180			31					
53X-CC, 34-39	498.80	G	A	100	229	5	3	6	5.0	3.0	6.0															3							175			20					
56X-CC, 23-33	518.23	G	C	106	232	6	6	4	5.7	5.7	3.8															2							185			23					
189-1172D-																																									
12R-CC, 23-28	584.27	G	A	181	116	27	12	12	14.9	6.6	6.6								4										1			2	40	1				13			
13R-CC, 0-5	593.63	M	F	x	x																								1				1								
19R-CC, 23-28	645.91	M	R	x	x																							1					1		1						
20R-CC, 7-12	660.85	G	A	129	101	20	5	4	15.5	3.9	3.1								6								1	9	2						1						
21R-CC, 5-11	667.20	M	C	45	27	20	3	2	44.4	6.7	4.4					1			1								1	1							1						
22R-CC, 17-23	673.03	G	A	208	206	1	1	0	0.5	0.5	0.0								1								1	1													
23R-CC, 28-33	682.06	M	F	108	86	40	8	4	37.0	7.4	3.7						4		30								2	10							1						
24R-5, 12-14	698.93	M	A	159	130	21	1	7	13.2	0.6	4.4		1	1					30	1								1				1							1	1	
24R-5, 30-32	696.11	M	A	189	140	41	0	8	21.7	0.0	4.2								25									3											5	1	
24R-5, 44-46	696.25	M	A	246	149	77	4	16	31.3	1.6	6.5						2		26						4			4											1		
24R-5, 77-79	696.58	M	A	183	103	68	1	12	37.2	0.5	6.6						1		25						3			4											1		
24R-5, 115-117	696.96	M	A	270	155	75	5	35	27.8	1.9	13.0						2		38						1			4											1		
24R-CC, 0-6	699.02	M	F	121	42	75	4	1	62.0	3.3	0.8								5						1			7													
25R-CC, 14-20	709.17	M	F	x	27																																				
31R-CC, 17-22	766.14	G	F	105	84	20	4	1	19.0	3.8	1.0	1																							1						

Notes: Preservation: G = good, M = moderate, P = poor. Indications of group abundance refer to abundance of dinocysts: A = abundant, C = common, F = few, R = rare, T = trace, B = barren. x = no representative count possible. G&F '83 = Goodman and Ford, 1983; B&B '93 = Brinkhuis and Biffi, 1993; C&H '96 = Crouch and Hollis, 1996.

Table T10 (continued).

Core, section, interval (cm)	Depth (mbsf)	*Glaphyrocysta ordinata*	*Glaphyrocysta retiintexta*	*Hemiplacophora semilunifera*	*Homotryblium tenuispinosum*	*Hystrichokolpoma rigaudiae*	*Hystrichokolpoma spinosum*	*Hystrichosphaeridium tubiferum*	*Hystrichostrogylon* spp.	*Impagidinium aculeatum*	*Impagidinium dispertitum*	*Impagidinium maculatum*	*Impagidinium paradoxum*	*Impagidinium patulum*	*Impagidinium* sp. (B&B '93)	*Impagidinium* sp. a (C&H '96)	*Impagidinium* spp. (pars)	*Impagidinium victorianum*	*Impagidinium waipawaensis*	*Isabelidinium* spp.	*Lejeunecysta* spp.	*Manumiella druggii*	*Multispinula quanta*	*Octodinium askiniae*	*Oligosphaeridium complex*	*Operculodinium centrocarpum*	*Operculodinium* sp. A	*Operculodinium* sp. B	*Palaeocystodinium* spp.	*Palaeoperidinium pyrophorum*	*Phthanoperidinium* spp.	*Pyxidinopsis waipawaensis*	*Pyxidinopsis* spp.	*Schematophora speciosa*	*Selenopemphix nephroides*	*Spinidinium luciae*	*Spinidinium macmurdoense*	*Spiniferites mirabilis*	*Spiniferites pseudofurcatus*	*Spiniferites ramosus*	*Spongodinium* sp.	*Stoveracysta kakanuiensis*	*Systematophora placacantha*	*Thalassiphora pelagica*	*Trithyrodinium evittii*	*Turbiosphaera filosa*	*Vozzhennikovia* spp.	*Wilsonidinium ornatum*
189-1172A-																																																	
1H-CC, 10-15	6.24									1				1									1												1			5											
4H-CC, 12-17	35.11												1																																				
8H-CC, 15-20	73.22																																																
12H-CC, 10-15	110.05																																																
37X-CC, 38-43	345.10																																																
38X-CC, 24-29	353.76																																																
39X-2, 18-20	356.28																																																
39X-2, 135-137	357.45																																																
39X-3, 122-124	358.82															1								2		1	1				5							1					2				1	4	
39X-5, 22-24	360.82			1					1	1						1		1			1			2		1					5			1	2				1	1			1					12	
39X-6, 64-66	362.74										1						1	1			1			15		1	1	1			4				3	3	105							1			17	
39X-CC, 27-33	364.34																1	1			1			1			6	1			17				1	1	19			1							11	
40X-CC, 26-31	374.00															1		1			1			5		1	1				5							1		2							1	25	
50X-CC, 0-8	460.20										1																				1									2				1					
51X-CC, 43-48	476.19										1															1	1				32									3				1					
53X-CC, 34-39	498.80																				1										25	1			1					2				1					
56X-CC, 23-33	518.23																										6				6	3								7									
189-1172D-																																																	
12R-CC, 23-28	584.27				1	1	1	1			5								1		1			1		5	8		1			6								19			3					1	
13R-CC, 0-5	593.63							1																			1					1								1									
19R-CC, 23-28	645.91							1			1	1																												1									
20R-CC, 7-12	660.85	50	17					2												3	1					1	3					1								2			2						
21R-CC, 5-11	667.20	16	1					1				1									1								1											1									
22R-CC, 17-23	673.03	180	20					1																					1											1									
23R-CC, 28-33	682.06	30						3									1												1											3						1			
24R-5, 12-14	698.93																												5	79										4						1			
24R-5, 30-32	696.11							1																		2			10	74									9	1					4			
24R-5, 44-46	696.25							1														62			1				10	12									6	5					1			
24R-5, 77-79	696.58																					38				1			4										6	13								
24R-5, 115-117	696.96																					38				7			13				28						8									
24R-CC, 0-6	699.02							1									1				2	22							1										2									
25R-CC, 14-20	709.17																					25					1												1									
31R-CC, 17-22	766.14																15			10		50					6												1									