Data report: early to middle Eocene radiolarian biostratigraphy, IODP Expedition 320 Site U1331, eastern equatorial Pacific, Table T1. Abundance of radiolarian species, species diversity, evenness, and radiolarian mass accumulation rate (MAR), Site U1331.

Hole, core, section, interval (cm)	Depth (mbsf)	Age (Ma)	*Actinomma* spp.	*Albatrossidium* spp.	*Albatrossidium minzok*	*Amphicraspedum murrayanum*	*Amphicraspedum prolixum*	*Amphymenium splendiarmatum*	*Anthocyrtis mespilus*	*Anthocyrtoma* spp. var. A	*Anthocyrtoma* spp. var. B	*Aphetocyrtis gnomabax*
320-												
U1331B-5H-CC	53.59	38.2	74		2				16			
U1331A-6H-4, 104–106	55.91	38.6	43		3				15			3
U1331A-6H-CC	59.65	38.9	59		12						3	
U1331A-7H-2, 104–106	64.97	39.5	47		3				23		5	
U1331B-6H-CC	65.27	39.5	39		3				17		2	
U1331A-7H-4, 104–106	67.97	39.6	55		11				32			
U1331A-7H-CC	72.30	40.0	42		17				14			
U1331B-7H-CC	75.49	40.2	39		18				16			
U1331A-8H-2, 104–106	75.82	40.2	36		13				17			
U1331A-8H-4, 104–106	78.52	40.4	29		23				41			
U1331C-6H-CC	79.94	40.5	24		9				25			
U1331A-8H-CC	82.77	40.6	26						14			
U1331A-9H-2, 105–107	85.62	40.8	51						14			
U1331B-8H-CC	87.97	41.0	41		2				16			
U1331A-9H-4, 105–107	88.62	41.0	56		8				17			
U1331A-9H-CC	92.83	41.2	67		3				20			
U1331A-10H-2, 95–97	94.54	41.3	40		4				7			
U1331A-10H-4, 95–97	97.54	41.5	55		13				18			
U1331B-9H-CC	99.13	41.5	62		6				25			
U1331A-10H-CC	100.92	41.7	63		7				21			
U1331A-11H-3, 106–108	106.57	42.1	34	8					7			4
U1331B-10H-CC	109.28	42.3	31	2					5			4
U1331A-11H-5, 106–108	110.17	42.3	42	3					12			11
U1331A-11H-CC	112.54	42.5	50	4					15			
U1331C-8H-CC	116.16	42.7	31	2	2				12			
U1331A-12H-2, 106–108	118.85	42.8	48		3				8			
U1331B-11H-CC	120.71	42.9	36	2	9				9			2
U1331A-12H-4, 106–108	121.90	43.0	18	5	18				13			3
U1331C-10H-CC	126.00	43.2	31	5	7			2	5			5
U1331A-12H-CC	126.44	43.2	11	14				4	8			11
U1331A-13H-2, 104–106	130.22	43.4	62		11				24			32
U1331B-12H-CC	131.52	43.5	48	4	4				9			13
U1331A-13H-4, 104–106	133.22	43.6	46	9	7				5			7
U1331A-13H-CC	137.35	43.8	77		14				7			11
U1331A-14H-2, 104–106	140.81	44.1	32	11					3			
U1331B-13H-CC	142.11	44.1	25	5	2				7			
U1331A-14H-4, 104–106	143.81	44.3	24	3	7				21			
U1331A-14H-CC	147.62	44.5	43		7				7			
U1331A-15H-2, 95–97	151.73	44.8	26									
U1331B-14H-CC	153.58	44.9	18									
U1331A-15H-4, 94–96	155.03	45.0	16						2			
U1331C-12H-CC	158.46	45.3	21									
U1331A-15H-CC	158.52	45.3	33						5			
U1331A-16X-1, 50–52	159.08	45.3	17						3	3		
U1331A-16X-CC	159.43	45.3	19		4							
U1331B-15H-CC	163.88	45.6	13						2			
U1331C-13H-CC	169.07	46.0	33		21				8			
U1331A-17X-2, 104–106	170.55	46.1	27		31							
U1331A-17X-4, 104–106	173.55	46.3	123		4				15			
U1331B-16H-CC	175.33	46.6	24		58				6			
U1331C-14H-CC	178.10	47.1	39						8			
U1331A-19X-1, 72–74	181.62	47.7	57									
U1331B-17X-CC	181.79	47.7	62						9			
U1331A-19X-2, 25–27	182.64	47.9	44		1				22			
U1331A-19X-CC	182.76	47.9	47		2			3	33			1
U1331A-20X-CC	187.42	48.7	14		1				11	3		1
U1331C-16X-2, 52–59	200.27	51.0	14		1	3	55		17			1
U1331C-16X-4, 96–103	203.71	51.3	14		5	2	35	9	14			1
U1331C-16X-5, 113–120	205.38	51.5	18		7	1	25	25	8			2
U1331C-16X-CC	206.27	51.5	40		16	9	44		29			17
U1331C-17H-1, 125–132	208.00	51.7	29		9	9	37		18			17
U1331C-17H-1, 141–148	208.16	51.7	42		1	2	4		8	13		33
U1331C-17H-2, 8–15	208.33	51.7	68		2	1	5		15	5		13
U1331C-17H-2, 49–56	208.74	51.7	24		5	1	4		12			2

Hole, core, section, interval (cm)	*Artophormis barbadensis*	*Axoprunum pierinae*	*Bathropyramis woodringi* group	*Buryella clinata*	*Calocyclas hispida*	*Calocyclas trichopa*	*Calocyclas turris*	*Calocycloma ampulla*	*Calocycloma castum*	*Carpocanium* spp.
U1331B-5H-CC	4				43		1	26		
U1331A-6H-4, 104–106	2				37		2	21		
U1331A-6H-CC	5				35		1	14		
U1331A-7H-2, 104–106	1				29			4		
U1331B-6H-CC	3				29			3		
U1331A-7H-4, 104–106	4				46			3		
U1331A-7H-CC	15				33			9		6
U1331B-7H-CC	8				28			23		3
U1331A-8H-2, 104–106	3				27			34		
U1331A-8H-4, 104–106	1				11			14		
U1331C-6H-CC	1				14			11		
U1331A-8H-CC	1				34			17		
U1331A-9H-2, 105–107	1	3			16			8		3
U1331B-8H-CC	2				7			12		2
U1331A-9H-4, 105–107	4				3			8		
U1331A-9H-CC	1							11		
U1331A-10H-2, 95–97	1							23		
U1331A-10H-4, 95–97	2				13			3		8
U1331B-9H-CC	1				5			14		5
U1331A-10H-CC	1							28		4
U1331A-11H-3, 106–108		3			16			5		
U1331B-10H-CC		3			9			3		
U1331A-11H-5, 106–108					11			1		
U1331A-11H-CC					16			1		
U1331C-8H-CC					5					
U1331A-12H-2, 106–108										
U1331B-11H-CC					3					
U1331A-12H-4, 106–108					16					
U1331C-10H-CC					7					
U1331A-12H-CC										
U1331A-13H-2, 104–106					13					
U1331B-12H-CC		2			2					
U1331A-13H-4, 104–106		6								
U1331A-13H-CC					4	4				
U1331A-14H-2, 104–106			5		4					
U1331B-13H-CC			2		2					
U1331A-14H-4, 104–106		4			10			1		
U1331A-14H-CC		4						1		
U1331A-15H-2, 95–97								2		
U1331B-14H-CC					8			3		
U1331A-15H-4, 94–96					4			7		
U1331C-12H-CC								2		
U1331A-15H-CC								3		
U1331A-16X-1, 50–52								2		
U1331A-16X-CC								1		
U1331B-15H-CC								1		
U1331C-13H-CC					3					
U1331A-17X-2, 104–106					8				4	23
U1331A-17X-4, 104–106					7				3	
U1331B-16H-CC					4				3	
U1331C-14H-CC					4				2	
U1331A-19X-1, 72–74									3	
U1331B-17X-CC									9	
U1331A-19X-2, 25–27				8	4				5	
U1331A-19X-CC		5		21					7	
U1331A-20X-CC		5		125	17				93	
U1331C-16X-2, 52–59		9		76	8				14	
U1331C-16X-4, 96–103		9		65	4				9	
U1331C-16X-5, 113–120				76	4				4	
U1331C-16X-CC		8		73	5				23	
U1331C-17H-1, 125–132		11		100	11				14	
U1331C-17H-1, 141–148				88					29	
U1331C-17H-2, 8–15				99	11				24	
U1331C-17H-2, 49–56				77	21				9	

Hole, core, section, interval (cm)	*Cenosphaera* sp. A	*Cenosphaera* sp. B	*Cenosphaera* sp. C	*Cenosphaera* spp.	*Centrobotrys* spp.	*Ceratocyrtis* sp. A	*Ceratocyrtis* spp.	*Clathrocyclas universa*	*Collosphaera* spp.	*Cornutella profunda*
U1331B-5H-CC	25	5		35			1			
U1331A-6H-4, 104–106	26	6		29			1			
U1331A-6H-CC							2			
U1331A-7H-2, 104–106				4			1			
U1331B-6H-CC		7		11	3		4			
U1331A-7H-4, 104–106		17			3		4			
U1331A-7H-CC				13			3			
U1331B-7H-CC				6			4			
U1331A-8H-2, 104–106							2			
U1331A-8H-4, 104–106		6					2			
U1331C-6H-CC		2					2			
U1331A-8H-CC		3		10			3			
U1331A-9H-2, 105–107		3		14			1			
U1331B-8H-CC		5		14			2			
U1331A-9H-4, 105–107		3		22			3			
U1331A-9H-CC		24	9	17			1	3		
U1331A-10H-2, 95–97		2					1			
U1331A-10H-4, 95–97				11			1			
U1331B-9H-CC		4		8			2			
U1331A-10H-CC		6		11			4			
U1331A-11H-3, 106–108		15		14			1		4	
U1331B-10H-CC		5		4			2		2	
U1331A-11H-5, 106–108		3		8			3			
U1331A-11H-CC				8			1			
U1331C-8H-CC	2		3	5			3		2	
U1331A-12H-2, 106–108	3		3	8			11		3	
U1331B-11H-CC	2	2	4	4			6	2	2	
U1331A-12H-4, 106–108		3	8	8			8	3		
U1331C-10H-CC		2	3	13			5	2		2
U1331A-12H-CC				18			4			4
U1331A-13H-2, 104–106				9			11			
U1331B-12H-CC		2		7			9			
U1331A-13H-4, 104–106		6		3		5	10			
U1331A-13H-CC							7			
U1331A-14H-2, 104–106		3		4		2	8			
U1331B-13H-CC		2		3	2	2	4			
U1331A-14H-4, 104–106					4					
U1331A-14H-CC				7			10			
U1331A-15H-2, 95–97				3						
U1331B-14H-CC							1			
U1331A-15H-4, 94–96				13			2			
U1331C-12H-CC				13			2			
U1331A-15H-CC							6			
U1331A-16X-1, 50–52		6					6			
U1331A-16X-CC		3		24			17			
U1331B-15H-CC				5			3			
U1331C-13H-CC				8			2			
U1331A-17X-2, 104–106							2			
U1331A-17X-4, 104–106	7	4	4	11			4	4		
U1331B-16H-CC		3		9						
U1331C-14H-CC				18						
U1331A-19X-1, 72–74	17		1	3						
U1331B-17X-CC		4	3	41						
U1331A-19X-2, 25–27			17	25		3		4		
U1331A-19X-CC			2	35						
U1331A-20X-CC			5	13						
U1331C-16X-2, 52–59			2	17						
U1331C-16X-4, 96–103		5	2	11				3		
U1331C-16X-5, 113–120		4	2	15				9		
U1331C-16X-CC		5	1	28				11		
U1331C-17H-1, 125–132		4	1	24				10		
U1331C-17H-1, 141–148		8	2	25				4		
U1331C-17H-2, 8–15		5	4	28				14		
U1331C-17H-2, 49–56			5	20				16		

Hole, core, section, interval (cm)	*Cryptocarpium ornatum*	*Cryptocarpium* spp.	*Cycladophora* sp. B	*Cycladophora* spp.	*Dendrospyris acuta*	*Dendrospyris* aff. *golli*	*Dendrospyris didiceros*	*Dendrospyris* sp. A	*Dendrospyris* sp. A of Funakawa 2006	*Dendrospyris* sp. C
U1331B-5H-CC	5						53			
U1331A-6H-4, 104–106	2						41			
U1331A-6H-CC	16						55			
U1331A-7H-2, 104–106	20	5					43			
U1331B-6H-CC	9	2					24			
U1331A-7H-4, 104–106	4	3					19			
U1331A-7H-CC	51						19			
U1331B-7H-CC	21						27			
U1331A-8H-2, 104–106	3						21			
U1331A-8H-4, 104–106	2						79			
U1331C-6H-CC	1						73			
U1331A-8H-CC	1						70			
U1331A-9H-2, 105–107	2						68			
U1331B-8H-CC	5						81			
U1331A-9H-4, 105–107	11						81			
U1331A-9H-CC	3					2	89			10
U1331A-10H-2, 95–97	2						70			
U1331A-10H-4, 95–97	1						61			
U1331B-9H-CC	4						68			
U1331A-10H-CC	7						86		4	
U1331A-11H-3, 106–108						13	116	67	11	
U1331B-10H-CC						5	141	37	4	
U1331A-11H-5, 106–108							111	45	6	
U1331A-11H-CC							153	46	15	
U1331C-8H-CC							121	25	12	
U1331A-12H-2, 106–108							132	21	8	
U1331B-11H-CC							87	25	6	
U1331A-12H-4, 106–108							90	47	10	
U1331C-10H-CC							79	55	10	
U1331A-12H-CC							123	88	18	
U1331A-13H-2, 104–106							97	52	31	
U1331B-12H-CC							62	27	9	
U1331A-13H-4, 104–106							76	10	7	
U1331A-13H-CC							112	11	21	
U1331A-14H-2, 104–106							170	8		
U1331B-13H-CC							163	12	14	
U1331A-14H-4, 104–106							181	37	25	
U1331A-14H-CC							343	12		
U1331A-15H-2, 95–97							339			
U1331B-14H-CC							320			
U1331A-15H-4, 94–96						6	288			
U1331C-12H-CC							221			
U1331A-15H-CC							418			
U1331A-16X-1, 50–52							304		3	
U1331A-16X-CC						24	384		10	
U1331B-15H-CC							167			
U1331C-13H-CC						26	203	15		
U1331A-17X-2, 104–106						49	502		4	
U1331A-17X-4, 104–106			4			78	334	7	7	
U1331B-16H-CC						76	291	9		
U1331C-14H-CC						32	326			
U1331A-19X-1, 72–74							496	5	16	
U1331B-17X-CC						33	402	128		
U1331A-19X-2, 25–27							46	8		
U1331A-19X-CC			1				36			
U1331A-20X-CC			2				133	29		
U1331C-16X-2, 52–59			14			5	9	76		
U1331C-16X-4, 96–103			9		9	14	17	43		
U1331C-16X-5, 113–120			2		4		30	17		
U1331C-16X-CC			9	4	3		4	26		
U1331C-17H-1, 125–132			9	9	9		37	54		
U1331C-17H-1, 141–148			2		21		50	65		
U1331C-17H-2, 8–15			3		14		63	41		
U1331C-17H-2, 49–56			4		4		65	4		

Hole, core, section, interval (cm)	*Dendrospyris* sp. E	*Dendrospyris* sp. F	*Dendrospyris* spp.	*Dendrospyris stylophora*	*Dictyophimus craticula*	*Dictyophimus* sp. A	*Dictyophimus* sp. B	*Dictyophimus* sp. C	*Dictyophimus* sp. D	*Dictyophimus* sp. E
U1331B-5H-CC			37	5						
U1331A-6H-4, 104–106			37	8	7					
U1331A-6H-CC			49	3						
U1331A-7H-2, 104–106			61							
U1331B-6H-CC		3	11	2						
U1331A-7H-4, 104–106		4	23	3						
U1331A-7H-CC		13	35							
U1331B-7H-CC		8	43							
U1331A-8H-2, 104–106			32							
U1331A-8H-4, 104–106			48							
U1331C-6H-CC			43							
U1331A-8H-CC			53							
U1331A-9H-2, 105–107			13	3	3					
U1331B-8H-CC			20							
U1331A-9H-4, 105–107			21							
U1331A-9H-CC			67							
U1331A-10H-2, 95–97			31	20						
U1331A-10H-4, 95–97			39							
U1331B-9H-CC			54	3						
U1331A-10H-CC			74	4						
U1331A-11H-3, 106–108			55	25	4					
U1331B-10H-CC			26	12						
U1331A-11H-5, 106–108			36	14						
U1331A-11H-CC		4	87	31						
U1331C-8H-CC		2	32	14						
U1331A-12H-2, 106–108			43	23						
U1331B-11H-CC			29	11						
U1331A-12H-4, 106–108			47	8						
U1331C-10H-CC			55	5						
U1331A-12H-CC			67	7						
U1331A-13H-2, 104–106			69	3	3					9
U1331B-12H-CC			46	7	2					3
U1331A-13H-4, 104–106			39	16	4					3
U1331A-13H-CC			109	7	14					7
U1331A-14H-2, 104–106		3	65	14	1					
U1331B-13H-CC		3	58	14	2					
U1331A-14H-4, 104–106			62	16	10					
U1331A-14H-CC			155	4	1					
U1331A-15H-2, 95–97			50	3	1					
U1331B-14H-CC			73		3					
U1331A-15H-4, 94–96			63	9	6					
U1331C-12H-CC			45	8	1					
U1331A-15H-CC			106	29	4					
U1331A-16X-1, 50–52	2		65	38	10			4		
U1331A-16X-CC		7	85		1					
U1331B-15H-CC			34	7	11					
U1331C-13H-CC		3	48	11	3					
U1331A-17X-2, 104–106		4	99		1					
U1331A-17X-4, 104–106			75		7					
U1331B-16H-CC			99	3	1			6		
U1331C-14H-CC			95	18	9					
U1331A-19X-1, 72–74		4	93		1			21		
U1331B-17X-CC		5	136		1					
U1331A-19X-2, 25–27	3		38		5					
U1331A-19X-CC	2	8	37		1			22	4	
U1331A-20X-CC	1	9	7		2				29	
U1331C-16X-2, 52–59	4	13	35				3		5	
U1331C-16X-4, 96–103	4	5	22				6		4	
U1331C-16X-5, 113–120	1		34				2		2	
U1331C-16X-CC	2		8				1		2	
U1331C-17H-1, 125–132	1	4	27			5	2		5	
U1331C-17H-1, 141–148	1	21	37			4	2		17	
U1331C-17H-2, 8–15	1	18	36			5	1		3	
U1331C-17H-2, 49–56	2	11	21				1		4	

Hole, core, section, interval (cm)	*Dictyophimus* spp.	*Dictyoprora* cf. *armadillo*	*Dictyoprora* cf. *ovata*	*Dictyoprora mongolfieri*	*Dictyoprora* spp.	*Dictyospyris melissium*	*Dictyospyris* spp.	*Didymocyrtis* sp. A	*Dorcadospyris anastasis*	*Dorcadospyris argisca*
U1331B-5H-CC		5		64					3	7
U1331A-6H-4, 104–106	6	5		43					3	8
U1331A-6H-CC		17		123					2	7
U1331A-7H-2, 104–106				142					3	
U1331B-6H-CC		3		96					1	
U1331A-7H-4, 104–106				97					1	
U1331A-7H-CC		36		23						19
U1331B-7H-CC		17		37						14
U1331A-8H-2, 104–106				45						3
U1331A-8H-4, 104–106				73						
U1331C-6H-CC				45						
U1331A-8H-CC				76						
U1331A-9H-2, 105–107				63						
U1331B-8H-CC				44						
U1331A-9H-4, 105–107				48						3
U1331A-9H-CC		17		67						26
U1331A-10H-2, 95–97				20						13
U1331A-10H-4, 95–97				63						10
U1331B-9H-CC		5	5	111						14
U1331A-10H-CC		21	4	158						29
U1331A-11H-3, 106–108		13		55	55					39
U1331B-10H-CC		9		53	23					18
U1331A-11H-5, 106–108		3		51	14					26
U1331A-11H-CC		15	4	96	34					61
U1331C-8H-CC		7	2	55	16					26
U1331A-12H-2, 106–108		5		51	15					8
U1331B-11H-CC		11	2	61	14					9
U1331A-12H-4, 106–108		23	3	101	29					21
U1331C-10H-CC		10	2	93	31					14
U1331A-12H-CC				170	60					32
U1331A-13H-2, 104–106		7	16	34	42					32
U1331B-12H-CC		9	2	42	26					23
U1331A-13H-4, 104–106		43		82	43					19
U1331A-13H-CC		21	4	55	28					21
U1331A-14H-2, 104–106		55	16	41	52					19
U1331B-13H-CC		41	9	34	44					9
U1331A-14H-4, 104–106		32	11	54	49					11
U1331A-14H-CC				46	46					43
U1331A-15H-2, 95–97				29	62					15
U1331B-14H-CC			3	45	42					44
U1331A-15H-4, 94–96		16	4	19	50					31
U1331C-12H-CC		3	11	51	20					11
U1331A-15H-CC				26	42					26
U1331A-16X-1, 50–52				58	19		3			25
U1331A-16X-CC				113	17					17
U1331B-15H-CC				43	33					5
U1331C-13H-CC			10	33	20					5
U1331A-17X-2, 104–106				167	5		8			42
U1331A-17X-4, 104–106		8		104	30					38
U1331B-16H-CC		4	3	84	41					18
U1331C-14H-CC				73	49					51
U1331A-19X-1, 72–74				77	32					69
U1331B-17X-CC			8	62	132					37
U1331A-19X-2, 25–27			42	76	44			8		25
U1331A-19X-CC			22	13	124					
U1331A-20X-CC			61		36					65
U1331C-16X-2, 52–59			72		16					43
U1331C-16X-4, 96–103			48		17					22
U1331C-16X-5, 113–120			34		21					8
U1331C-16X-CC			41		4	14				32
U1331C-17H-1, 125–132			55		9	3				41
U1331C-17H-1, 141–148			80		8					25
U1331C-17H-2, 8–15			68		3			6		23
U1331C-17H-2, 49–56			57		4			5		25

Hole, core, section, interval (cm)	*Dorcadospyris ombros*	*Ellipsoxiphus* ? cf. *atractus*	*Entapium* aff. *chaenapium*	*Entapium regulare*	*Entapium* sp. A	*Entapium* sp. B	*Eucoronis hertwigii*	*Eucoronis* aff. *hertwigii*	*Eucyrtidium ?hillaby*	*Eucyrtidium* aff. *montiparum*
U1331B-5H-CC									2	5
U1331A-6H-4, 104–106									4	3
U1331A-6H-CC									10	15
U1331A-7H-2, 104–106		2					6		10	10
U1331B-6H-CC		2					4		4	5
U1331A-7H-4, 104–106					1	3	11		3	7
U1331A-7H-CC					3		4		1	3
U1331B-7H-CC	1				2		6		3	3
U1331A-8H-2, 104–106	2				3				5	2
U1331A-8H-4, 104–106	1				3				5	3
U1331C-6H-CC	1			2	1				3	4
U1331A-8H-CC	1			3	1				6	11
U1331A-9H-2, 105–107	1				16		3		1	6
U1331B-8H-CC	2			2	12		2		2	2
U1331A-9H-4, 105–107	1			6	11		6		3	1
U1331A-9H-CC	1		7		2				3	7
U1331A-10H-2, 95–97	1				3				1	7
U1331A-10H-4, 95–97	2		5	3	1				5	11
U1331B-9H-CC	2		5						4	14
U1331A-10H-CC	1		4						1	11
U1331A-11H-3, 106–108	3	7				6			12	5
U1331B-10H-CC	1	2				2			13	2
U1331A-11H-5, 106–108	2					3			29	1
U1331A-11H-CC									35	1
U1331C-8H-CC			2						30	3
U1331A-12H-2, 106–108			5						31	3
U1331B-11H-CC			3						23	4
U1331A-12H-4, 106–108			5						18	1
U1331C-10H-CC			2						19	2
U1331A-12H-CC									43	4
U1331A-13H-2, 104–106		7						3	22	16
U1331B-12H-CC		2	5					2	6	5
U1331A-13H-4, 104–106			3						1	4
U1331A-13H-CC			28			4			1	14
U1331A-14H-2, 104–106						8			3	8
U1331B-13H-CC		2				5			2	2
U1331A-14H-4, 104–106		4							6	
U1331A-14H-CC									23	
U1331A-15H-2, 95–97						6			1	
U1331B-14H-CC		3							8	
U1331A-15H-4, 94–96				3					1	
U1331C-12H-CC									11	
U1331A-15H-CC									61	
U1331A-16X-1, 50–52									16	
U1331A-16X-CC									3	
U1331B-15H-CC				4					31	
U1331C-13H-CC									6	
U1331A-17X-2, 104–106									23	
U1331A-17X-4, 104–106		4		4						
U1331B-16H-CC			3	5						
U1331C-14H-CC										
U1331A-19X-1, 72–74										
U1331B-17X-CC										
U1331A-19X-2, 25–27			26							
U1331A-19X-CC			9			11				
U1331A-20X-CC										
U1331C-16X-2, 52–59										
U1331C-16X-4, 96–103										
U1331C-16X-5, 113–120										
U1331C-16X-CC						23				
U1331C-17H-1, 125–132						5				
U1331C-17H-1, 141–148										
U1331C-17H-2, 8–15										
U1331C-17H-2, 49–56										

Hole, core, section, interval (cm)	*Eucyrtidium argus*	*Eucyrtidium scolopax*	*Eucyrtidium* sp. A	*Eucyrtidium* spp.	*Eucyrtidium ventriosum*	*Eurystomoskevos petrushevskayae*	*Eusyringium fistuligerum*	*Eusyringium lagena*	*Excentrodiscus* sp. A	*Excentrodiscus* sp. B
U1331B-5H-CC	7			14	3		26		20	
U1331A-6H-4, 104–106					3		26		21	
U1331A-6H-CC	3						27		10	
U1331A-7H-2, 104–106				19			33		17	
U1331B-6H-CC	2			10			23		14	
U1331A-7H-4, 104–106	6			12			35		37	
U1331A-7H-CC				19	35		21		2	
U1331B-7H-CC	3		4	15	17		17		2	
U1331A-8H-2, 104–106	3		2				9		3	
U1331A-8H-4, 104–106			2	3			10		8	
U1331C-6H-CC	2	2	3	2			11		11	
U1331A-8H-CC	11	7					24		17	
U1331A-9H-2, 105–107	5						4		27	
U1331B-8H-CC	11	2					5		10	
U1331A-9H-4, 105–107	11	3					14		3	
U1331A-9H-CC	3				10		17		23	
U1331A-10H-2, 95–97	2	3			4		11		7	
U1331A-10H-4, 95–97							18		13	
U1331B-9H-CC				4			22		22	5
U1331A-10H-CC				5			21		26	7
U1331A-11H-3, 106–108					3		24		28	
U1331B-10H-CC	4	15		2	2		29		17	
U1331A-11H-5, 106–108	3	34		3	6		42		6	
U1331A-11H-CC		11			8		20	8	42	
U1331C-8H-CC		10		3	5	4	9	2	16	
U1331A-12H-2, 106–108		18		3	8	3	15	3	13	
U1331B-11H-CC	3	9	2	2	7	3	15	2	7	
U1331A-12H-4, 106–108	8	5	3	5	10		2	5	3	
U1331C-10H-CC	5	5	2	2	5		2	5	2	
U1331A-12H-CC	7	29			3		7	14	11	
U1331A-13H-2, 104–106	19			7	10	3	4	28	9	
U1331B-12H-CC	7			3	5	3	2	11	2	
U1331A-13H-4, 104–106	10			6	13		1	17	10	
U1331A-13H-CC	11			4	7	3	4	42	14	
U1331A-14H-2, 104–106	3			5	16		1	24	3	
U1331B-13H-CC	2			2	21		1	16	6	
U1331A-14H-4, 104–106	7				24			16	13	
U1331A-14H-CC		18			26			17	10	
U1331A-15H-2, 95–97			4		25			14	22	
U1331B-14H-CC			8	5	5			13	26	
U1331A-15H-4, 94–96			9		3			7	26	
U1331C-12H-CC				5	23			10	4	8
U1331A-15H-CC					19			6	10	
U1331A-16X-1, 50–52					22			19	3	
U1331A-16X-CC				10	20			7	17	
U1331B-15H-CC					12			9	11	
U1331C-13H-CC					15			3	13	5
U1331A-17X-2, 104–106									30	
U1331A-17X-4, 104–106				4	4				7	
U1331B-16H-CC					10				4	
U1331C-14H-CC					6				5	
U1331A-19X-1, 72–74			4		11				24	
U1331B-17X-CC									41	
U1331A-19X-2, 25–27				4					38	
U1331A-19X-CC					5				12	
U1331A-20X-CC									32	
U1331C-16X-2, 52–59				17						
U1331C-16X-4, 96–103				11	4				23	
U1331C-16X-5, 113–120				4	9				34	
U1331C-16X-CC				5						19
U1331C-17H-1, 125–132				5					5	14
U1331C-17H-1, 141–148				4					9	
U1331C-17H-2, 8–15			5	3					12	
U1331C-17H-2, 49–56			5	8					21	

Hole, core, section, interval (cm)	*Excentrodiscus* sp. C	*Flustrella concentrica*	*Giraffospyris lata*	*Haliomma* aff. *echinatum*	*Haliomma echinatum*	*Heliodiscus pentasteriscus*	*Heliodiscus saturnalis*	*Hexacontium palaeocenicum*	*Hexacontium* sp. A	*Hexacontium* sp. B
U1331B-5H-CC		1			11		4			4
U1331A-6H-4, 104–106		3					12			11
U1331A-6H-CC		8			13		3			
U1331A-7H-2, 104–106		22			3					
U1331B-6H-CC	2	9			2					
U1331A-7H-4, 104–106	4	3								
U1331A-7H-CC		67			26					
U1331B-7H-CC	9	35			13					3
U1331A-8H-2, 104–106	18	11			3					3
U1331A-8H-4, 104–106	13	5			53		8			
U1331C-6H-CC	4	9			57		5			
U1331A-8H-CC		17			149		7			
U1331A-9H-2, 105–107	8	4			8		14		5	
U1331B-8H-CC	3	3			3		7		28	2
U1331A-9H-4, 105–107		2					14		73	8
U1331A-9H-CC		36			10		17		132	3
U1331A-10H-2, 95–97		13			7		9		106	26
U1331A-10H-4, 95–97	3	8					21		2	
U1331B-9H-CC	3	12		14	3		16		8	5
U1331A-10H-CC		22			4		18		60	14
U1331A-11H-3, 106–108		9			2		26			125
U1331B-10H-CC		12			2		12			37
U1331A-11H-5, 106–108		20					6			106
U1331A-11H-CC		11					4			92
U1331C-8H-CC		9			5		14			78
U1331A-12H-2, 106–108		13			11		21			28
U1331B-11H-CC		11			4		11		2	43
U1331A-12H-4, 106–108		16			3		8		5	81
U1331C-10H-CC		7			5		26		2	80
U1331A-12H-CC		18			4		43			181
U1331A-13H-2, 104–106							24		9	15
U1331B-12H-CC		3			3	2	20		3	29
U1331A-13H-4, 104–106		5			5	4	43			78
U1331A-13H-CC		11				4	77			40
U1331A-14H-2, 104–106		28					8			14
U1331B-13H-CC		28					12		5	6
U1331A-14H-4, 104–106		37					16		19	
U1331A-14H-CC		34							36	
U1331A-15H-2, 95–97		25					11		40	
U1331B-14H-CC		10							23	
U1331A-15H-4, 94–96		23					5		65	
U1331C-12H-CC	5	43					15		93	12
U1331A-15H-CC		42					3		63	
U1331A-16X-1, 50–52		38					4		83	10
U1331A-16X-CC		31					24		78	7
U1331B-15H-CC		21							112	
U1331C-13H-CC		41					14		162	
U1331A-17X-2, 104–106		31				9	8		177	
U1331A-17X-4, 104–106		41			11				15	
U1331B-16H-CC		6		9			3		89	
U1331C-14H-CC	4	3							57	4
U1331A-19X-1, 72–74		15					17	4	14	26
U1331B-17X-CC		5			25				82	
U1331A-19X-2, 25–27		21				12	6			
U1331A-19X-CC		7								
U1331A-20X-CC					3		4			
U1331C-16X-2, 52–59		30					13			
U1331C-16X-4, 96–103		18				5	9			
U1331C-16X-5, 113–120		8				4	8			
U1331C-16X-CC			6				4			
U1331C-17H-1, 125–132			5				5			
U1331C-17H-1, 141–148			2							
U1331C-17H-2, 8–15			3				5			
U1331C-17H-2, 49–56			4				4			

Hole, core, section, interval (cm)	*Hexacontium* sp. C	*Hexacontium* sp. D	*Hexacontium* sp. E	*Hexacontium* spp.	*Lithelius polyacantha*	*Lamptonium fabaeforme chaunothorax*	*Lamptonium fabaeforme constrictum*	*Lamptonium fabaeforme fabaeforme*	*Lamptonium pennatum*	*Lamptonium sanfilippoae*
U1331B-5H-CC				41						
U1331A-6H-4, 104–106				13						
U1331A-6H-CC				9						
U1331A-7H-2, 104–106				10						
U1331B-6H-CC				2						
U1331A-7H-4, 104–106				7						
U1331A-7H-CC				39						
U1331B-7H-CC				34						
U1331A-8H-2, 104–106				19						
U1331A-8H-4, 104–106										
U1331C-6H-CC				2						
U1331A-8H-CC				7						
U1331A-9H-2, 105–107				27						
U1331B-8H-CC				35						
U1331A-9H-4, 105–107				43						
U1331A-9H-CC		7		56						
U1331A-10H-2, 95–97				4						
U1331A-10H-4, 95–97				53						
U1331B-9H-CC				30						
U1331A-10H-CC				35						
U1331A-11H-3, 106–108										
U1331B-10H-CC										
U1331A-11H-5, 106–108										
U1331A-11H-CC										
U1331C-8H-CC										
U1331A-12H-2, 106–108										
U1331B-11H-CC		2								
U1331A-12H-4, 106–108		3								
U1331C-10H-CC		2		3						
U1331A-12H-CC				7						
U1331A-13H-2, 104–106										
U1331B-12H-CC										
U1331A-13H-4, 104–106										
U1331A-13H-CC										
U1331A-14H-2, 104–106		5								
U1331B-13H-CC		2								
U1331A-14H-4, 104–106										
U1331A-14H-CC				20						
U1331A-15H-2, 95–97	3									
U1331B-14H-CC										
U1331A-15H-4, 94–96										
U1331C-12H-CC			3	8						
U1331A-15H-CC			3	6						
U1331A-16X-1, 50–52				19		2		1		
U1331A-16X-CC				10		1		1		
U1331B-15H-CC			3			1		2		
U1331C-13H-CC				10		2		1		
U1331A-17X-2, 104–106	4			34		2		1		
U1331A-17X-4, 104–106				34		1		1		
U1331B-16H-CC						1		1		
U1331C-14H-CC				32		1		4		
U1331A-19X-1, 72–74				17		5	3	2		
U1331B-17X-CC						17	1	3		
U1331A-19X-2, 25–27		13	13	14		3	1	13		
U1331A-19X-CC		21	13			4	2	2		
U1331A-20X-CC				5		2	1	3		
U1331C-16X-2, 52–59				13		1	1	1	1	
U1331C-16X-4, 96–103				9		1	2	2	2	1
U1331C-16X-5, 113–120				4		2		1	3	1
U1331C-16X-CC				9	3	1		1	1	1
U1331C-17H-1, 125–132				6	5	1		1	1	1
U1331C-17H-1, 141–148						1		1	2	2
U1331C-17H-2, 8–15				6	10	1		1	1	1
U1331C-17H-2, 49–56				5	17	1		1	1	1

Hole, core, section, interval (cm)	*Lithelius hexaxyphophorus*	*Lithelius* sp. A	*Lithelius* spp.	*Lithochytris archaea*	*Lithochytris vespertilio*	*Lithocyclia aristotelis*	*Lithocyclia ocellus*	*Lithocyclia* sp. A	*Lithomelissa lautouri*	*Lithomelissa* spp.
U1331B-5H-CC		28	49			3	77			
U1331A-6H-4, 104–106		17	23		3	2	91			
U1331A-6H-CC		52	26			1	44		8	
U1331A-7H-2, 104–106		42	33			7	73		13	
U1331B-6H-CC		35	35			2	56		5	
U1331A-7H-4, 104–106		52	54		3		59		4	
U1331A-7H-CC		61	42		2		147		6	
U1331B-7H-CC		44	31		6		146		9	
U1331A-8H-2, 104–106		24	15		12		124		11	
U1331A-8H-4, 104–106		28			5		87		12	
U1331C-6H-CC		31	7		7		62		11	
U1331A-8H-CC		43	20		20		55		3	
U1331A-9H-2, 105–107		35	32		5		130		30	
U1331B-8H-CC		24	9		7		119		16	
U1331A-9H-4, 105–107		22			6		146		11	
U1331A-9H-CC		23	20		13		94		7	
U1331A-10H-2, 95–97		45	24		18		73			
U1331A-10H-4, 95–97		16	13		3		129		10	
U1331B-9H-CC		19	11		3		118		8	
U1331A-10H-CC		7	18		2		117		11	
U1331A-11H-3, 106–108		12	19		4		40			
U1331B-10H-CC		4	16		5		52	2	11	
U1331A-11H-5, 106–108		6	22		3		86	3	17	
U1331A-11H-CC		27	42		19		38		12	
U1331C-8H-CC		12	24		16		43	2	5	2
U1331A-12H-2, 106–108		3	18		13		83	3		3
U1331B-11H-CC		4	11		5		73	2	2	2
U1331A-12H-4, 106–108		13	10		1		80			
U1331C-10H-CC		7	5		2		68		5	
U1331A-12H-CC		18	15		7		107		11	
U1331A-13H-2, 104–106		13	19		7		54		18	11
U1331B-12H-CC		5	46		2		62		9	2
U1331A-13H-4, 104–106		4	32		1		148		16	7
U1331A-13H-CC		14	29		7		98		8	7
U1331A-14H-2, 104–106		16	19		4		43	2	4	3
U1331B-13H-CC		7	18		2		28	6	1	2
U1331A-14H-4, 104–106		6	37		1		46		9	10
U1331A-14H-CC		13	34		13		53		11	13
U1331A-15H-2, 95–97	4	19	34		10		46		9	4
U1331B-14H-CC		18	31		14		16		5	
U1331A-15H-4, 94–96		10	16		17		14	2	21	5
U1331C-12H-CC		23	25		8		44		28	8
U1331A-15H-CC		61	38		1		29		5	3
U1331A-16X-1, 50–52		48	35		3		64	3	22	
U1331A-16X-CC		35	34		1		75		38	
U1331B-15H-CC		35	21		4		26	2	13	
U1331C-13H-CC		28	56		5		38	4	8	5
U1331A-17X-2, 104–106		38	27		1		23	8	15	
U1331A-17X-4, 104–106		70	41		19		34		19	
U1331B-16H-CC		49	23		1		11	4	13	
U1331C-14H-CC		19	39		7		13			
U1331A-19X-1, 72–74		29	21		22		56		21	
U1331B-17X-CC		9	17		13		4	13	9	9
U1331A-19X-2, 25–27		454	59		9		63			
U1331A-19X-CC		513	104	13	3		89			4
U1331A-20X-CC		56	21	37						9
U1331C-16X-2, 52–59		144	135	9				3		
U1331C-16X-4, 96–103		206	134	3				5		
U1331C-16X-5, 113–120		215	106	13						
U1331C-16X-CC		149	97	3				14		
U1331C-17H-1, 125–132		185	93	14				7		
U1331C-17H-1, 141–148		46	46	46						
U1331C-17H-2, 8–15		163	145	14						
U1331C-17H-2, 49–56		185	121	4						

Hole, core, section, interval (cm)	*Lophocyrtis aspera*	*Lophocyrtis biaurita*	*Lophocyrtis nomas*	*Lophophaena* spp.	*Lychnocanoma tetrapodium*	*Lychnocanoma auxilla*	*Lychnocanoma babylonis*	*Lychnocanoma bajunensis*	*Lychnocanoma* sp. A	*Lychnocanoma* sp. B
U1331B-5H-CC	75				43		14		61	
U1331A-6H-4, 104–106	62				38		15		57	
U1331A-6H-CC	63				23		8		62	
U1331A-7H-2, 104–106	29				71		3		32	
U1331B-6H-CC	28			2	53		9		25	
U1331A-7H-4, 104–106	49			5	83		4		43	
U1331A-7H-CC	43				23		3		68	
U1331B-7H-CC	56				29		7		34	
U1331A-8H-2, 104–106	55				33		5		12	
U1331A-8H-4, 104–106	33				23		2		11	
U1331C-6H-CC	43				25		3		12	
U1331A-8H-CC	73	2			40		7		36	
U1331A-9H-2, 105–107	117	1			27		5		35	
U1331B-8H-CC	81	1			23		12		32	
U1331A-9H-4, 105–107	129	1			17		8		31	
U1331A-9H-CC	139	4		7	40		43		17	
U1331A-10H-2, 95–97	77	4			9		9		4	
U1331A-10H-4, 95–97	68	13			5		15		11	
U1331B-9H-CC	78	4		3	16		19		5	
U1331A-10H-CC	188	1		8	39		49		7	
U1331A-11H-3, 106–108	205	3		4	47		32			
U1331B-10H-CC	87	2		2	26		25			
U1331A-11H-5, 106–108	192	1			29		22			
U1331A-11H-CC	138	1		4	68		36			
U1331C-8H-CC	69	1		4	35		18			2
U1331A-12H-2, 106–108	121	1			26		13			3
U1331B-11H-CC	73	2		3	29		24			2
U1331A-12H-4, 106–108	95	3		3	32		26			5
U1331C-10H-CC	88	2		2	34		31			3
U1331A-12H-CC	102	1			43		67			
U1331A-13H-2, 104–106	81	1			96		37			
U1331B-12H-CC	59	2			53		40			
U1331A-13H-4, 104–106	88	9			55		49			
U1331A-13H-CC	122	18	4		88		60			
U1331A-14H-2, 104–106	126	1			65		19			
U1331B-13H-CC	132	2			74		16			
U1331A-14H-4, 104–106	161	3			94		14	3		
U1331A-14H-CC	124	34			46		10	3		
U1331A-15H-2, 95–97	134	7			73		19			
U1331B-14H-CC	67	1			39		49			
U1331A-15H-4, 94–96	146	5			54		45			
U1331C-12H-CC	102	6			38		32			
U1331A-15H-CC	124	6			58		22			
U1331A-16X-1, 50–52	123	10			58		13			
U1331A-16X-CC	117	3			55		24			
U1331B-15H-CC	49	7			38		15			
U1331C-13H-CC	66	1			43		36			
U1331A-17X-2, 104–106	15	1			61		35			
U1331A-17X-4, 104–106	56	7			89		34			
U1331B-16H-CC	43	7	6		55		30			
U1331C-14H-CC	53	1	4	4	123		15			
U1331A-19X-1, 72–74	69	1	13		84		83			
U1331B-17X-CC	13	1			111		16			
U1331A-19X-2, 25–27	5	1			55		13			
U1331A-19X-CC	4	1			56		17			
U1331A-20X-CC		1			113		49			
U1331C-16X-2, 52–59	4	5			40		14			
U1331C-16X-4, 96–103	5	3			81		44			
U1331C-16X-5, 113–120		2			99	3	59			
U1331C-16X-CC	5				33	1	61			
U1331C-17H-1, 125–132	8				69	1	59			
U1331C-17H-1, 141–148					65	2	76			
U1331C-17H-2, 8–15					100	1	46			
U1331C-17H-2, 49–56					125	1	20			

Hole, core, section, interval (cm)	*Lychnocanoma* sp. E	*Lychnocanoma* spp.	*Lychnocanoma turgidum*	*Periphaena decora*	*Periphaena delta*
U1331B-5H-CC		26	1	14	
U1331A-6H-4, 104–106		25	2	18	
U1331A-6H-CC		23	1	39	
U1331A-7H-2, 104–106		35	3	45	
U1331B-6H-CC		19	2	21	
U1331A-7H-4, 104–106		19	1	16	
U1331A-7H-CC		48	1		
U1331B-7H-CC		32	1	20	
U1331A-8H-2, 104–106		29	1	37	
U1331A-8H-4, 104–106		21	2	56	
U1331C-6H-CC		15	1	49	
U1331A-8H-CC		20	1	69	
U1331A-9H-2, 105–107		27	2	38	
U1331B-8H-CC		39	1	37	
U1331A-9H-4, 105–107		41	1	48	
U1331A-9H-CC		30	1	7	
U1331A-10H-2, 95–97		12	2	11	
U1331A-10H-4, 95–97		41	1	58	
U1331B-9H-CC		28	2	51	
U1331A-10H-CC		11	3	28	
U1331A-11H-3, 106–108		4	2	7	
U1331B-10H-CC		3	1	2	
U1331A-11H-5, 106–108			8		
U1331A-11H-CC			4	4	
U1331C-8H-CC			2	2	
U1331A-12H-2, 106–108					
U1331B-11H-CC		2		2	
U1331A-12H-4, 106–108		3		11	
U1331C-10H-CC		3		5	
U1331A-12H-CC				7	
U1331A-13H-2, 104–106		3		3	
U1331B-12H-CC		2		7	
U1331A-13H-4, 104–106				18	
U1331A-13H-CC				7	
U1331A-14H-2, 104–106		8		3	
U1331B-13H-CC		2		5	
U1331A-14H-4, 104–106				3	
U1331A-14H-CC				4	
U1331A-15H-2, 95–97				10	
U1331B-14H-CC		3			
U1331A-15H-4, 94–96				4	
U1331C-12H-CC		5			
U1331A-15H-CC					
U1331A-16X-1, 50–52				3	
U1331A-16X-CC					
U1331B-15H-CC				5	
U1331C-13H-CC				3	
U1331A-17X-2, 104–106					
U1331A-17X-4, 104–106				7	
U1331B-16H-CC					
U1331C-14H-CC	3				
U1331A-19X-1, 72–74				24	
U1331B-17X-CC		8			
U1331A-19X-2, 25–27		4			
U1331A-19X-CC					1
U1331A-20X-CC	17	32			3
U1331C-16X-2, 52–59	18			4	2
U1331C-16X-4, 96–103	9	9		13	1
U1331C-16X-5, 113–120		4		17	1
U1331C-16X-CC		13		13	1
U1331C-17H-1, 125–132		10		10	2
U1331C-17H-1, 141–148		8			1
U1331C-17H-2, 8–15		9		5	1
U1331C-17H-2, 49–56				21	1

Table T1 (continued).

Hole, core, section, interval (cm)	Depth (mbsf)	Age (Ma)	*Periphaena* sp. A	*Periphaena* spp.	*Periphaena tripyramis triangula*	*Petalospyris carinata*	*Petalospyris foveolata*	*Phormocyrtis* cf. *proxima*	*Phormocyrtis embolum*	*Phormocyrtis* sp. A	*Phormocyrtis striata exquisita*	*Phormocyrtis striata striata*
320-												
U1331B-5H-CC	53.59	38.2		10				8	26	13		
U1331A-6H-4, 104–106	55.91	38.6		16				18	13	5		
U1331A-6H-CC	59.65	38.9		19					29	3		
U1331A-7H-2, 104–106	64.97	39.5		66								
U1331B-6H-CC	65.27	39.5		9						2		
U1331A-7H-4, 104–106	67.97	39.6		34						3		
U1331A-7H-CC	72.30	40.0		59					9	10		
U1331B-7H-CC	75.49	40.2		68					12	6		
U1331A-8H-2, 104–106	75.82	40.2		47					13	3		
U1331A-8H-4, 104–106	78.52	40.4		7				8	18	5		
U1331C-6H-CC	79.94	40.5		8				2	17	6		
U1331A-8H-CC	82.77	40.6		28				2	30	7		
U1331A-9H-2, 105–107	85.62	40.8		31				16	22	14		
U1331B-8H-CC	87.97	41.0		27				5	9	7		
U1331A-9H-4, 105–107	88.62	41.0		30				2		3		
U1331A-9H-CC	92.83	41.2	2	2				36				
U1331A-10H-2, 95–97	94.54	41.3		9				18	2	3		
U1331A-10H-4, 95–97	97.54	41.5		28				1	3			
U1331B-9H-CC	99.13	41.5		14			2	2	6	11		
U1331A-10H-CC	100.92	41.7		6			8	2	14	39		
U1331A-11H-3, 106–108	106.57	42.1		27				33	6			
U1331B-10H-CC	109.28	42.3	5	16				14	8			
U1331A-11H-5, 106–108	110.17	42.3	4	33				17	11			
U1331A-11H-CC	112.54	42.5	4	1				38	19			
U1331C-8H-CC	116.16	42.7	3	36				35	7			
U1331A-12H-2, 106–108	118.85	42.8		63				38	5			
U1331B-11H-CC	120.71	42.9		27				38	4			
U1331A-12H-4, 106–108	121.90	43.0		29				44	3			
U1331C-10H-CC	126.00	43.2		38				26	2			
U1331A-12H-CC	126.44	43.2		24				28	7			
U1331A-13H-2, 104–106	130.22	43.4		28				76				
U1331B-12H-CC	131.52	43.5		48				53				
U1331A-13H-4, 104–106	133.22	43.6		73				54				
U1331A-13H-CC	137.35	43.8		64				32				
U1331A-14H-2, 104–106	140.81	44.1	4	23				35				
U1331B-13H-CC	142.11	44.1	2	42				35	2			
U1331A-14H-4, 104–106	143.81	44.3		63				43	4			
U1331A-14H-CC	147.62	44.5		51				34				
U1331A-15H-2, 95–97	151.73	44.8	4	56				49				
U1331B-14H-CC	153.58	44.9		21				39				
U1331A-15H-4, 94–96	155.03	45.0	2	49				55	4			
U1331C-12H-CC	158.46	45.3		38				33				
U1331A-15H-CC	158.52	45.3		22				67				
U1331A-16X-1, 50–52	159.08	45.3		22	1			35				
U1331A-16X-CC	159.43	45.3	7	62	1		3	37				
U1331B-15H-CC	163.88	45.6	3	33	1			39				
U1331C-13H-CC	169.07	46.0		35	2			28				
U1331A-17X-2, 104–106	170.55	46.1		42	1		23	15				
U1331A-17X-4, 104–106	173.55	46.3		26	4		15	134				
U1331B-16H-CC	175.33	46.6		46	1		34	5				
U1331C-14H-CC	178.10	47.1		8	2		9	207	5			
U1331A-19X-1, 72–74	181.62	47.7		23	1			85	3			
U1331B-17X-CC	181.79	47.7		9	1		9	263				
U1331A-19X-2, 25–27	182.64	47.9		34	1	4	47	4	97			
U1331A-19X-CC	182.76	47.9	5	23	2	3	42		69			11
U1331A-20X-CC	187.42	48.7			1	4	74		124		21	9
U1331C-16X-2, 52–59	200.27	51.0		38		14	18		181		3	13
U1331C-16X-4, 96–103	203.71	51.3		26		13	11		224		5	13
U1331C-16X-5, 113–120	205.38	51.5		13		18	22		198		2	21
U1331C-16X-CC	206.27	51.5		45		10	42		272		3	22
U1331C-17H-1, 125–132	208.00	51.7		23		19	77		257		5	32
U1331C-17H-1, 141–148	208.16	51.7				42	108		173		9	58
U1331C-17H-2, 8–15	208.33	51.7		12		23	59		171		10	64
U1331C-17H-2, 49–56	208.74	51.7		25		9	3		174		4	41

Hole, core, section, interval (cm)	*Phormospyris stabilis stabilis*	*Podocyrtis papalis*	*Podocyrtis phyxis*	*Podocyrtis ampla*	*Podocyrtis aphorma*	*Podocyrtis chalara*	*Podocyrtis diamesa*	*Podocyrtis fasciolata*	*Podocyrtis goetheana*	*Podocyrtis helenae*
U1331B-5H-CC	4	56				3			4	
U1331A-6H-4, 104–106	3	51				4			5	
U1331A-6H-CC	18	27			3	23			13	
U1331A-7H-2, 104–106	7	39				2			58	
U1331B-6H-CC	7	27			1	2			31	
U1331A-7H-4, 104–106	22	25			7	28			34	
U1331A-7H-CC	10	33			53	10				
U1331B-7H-CC	7	34			49	24				
U1331A-8H-2, 104–106	8	22			39	29				
U1331A-8H-4, 104–106	14	21			40	15				
U1331C-6H-CC	7	17			23	34				
U1331A-8H-CC	4	40			30	73				
U1331A-9H-2, 105–107	11	3			49	16				
U1331B-8H-CC	7	9			32	25				
U1331A-9H-4, 105–107	7	3			20	36				
U1331A-9H-CC	3	50			24	6				
U1331A-10H-2, 95–97	11	22			20	2				
U1331A-10H-4, 95–97	8	13			15	18				
U1331B-9H-CC	16	32			5	16				
U1331A-10H-CC	11	46			4	4				
U1331A-11H-3, 106–108	4	10			23	2		1		
U1331B-10H-CC	4	11		6	9			2		
U1331A-11H-5, 106–108	3	8		17	6			3		
U1331A-11H-CC		19		27	8			15		
U1331C-8H-CC	2	24		14	16			7		
U1331A-12H-2, 106–108		28		8	21			5		
U1331B-11H-CC	2	23		11	9		2	2		
U1331A-12H-4, 106–108	3	23		16	3		3	1		1
U1331C-10H-CC	2	19		37	2		2	1		1
U1331A-12H-CC	7	18		56			1	2		1
U1331A-13H-2, 104–106		21		19			1	10		3
U1331B-12H-CC	2	4		20			2	2		2
U1331A-13H-4, 104–106	7			16			4	1		
U1331A-13H-CC	7			4	18		14	1		
U1331A-14H-2, 104–106	5		3	3			4			
U1331B-13H-CC	2	6	2	2	2		5			
U1331A-14H-4, 104–106		13	4		3		10			
U1331A-14H-CC			13				26			
U1331A-15H-2, 95–97			4				22			
U1331B-14H-CC			3				57			
U1331A-15H-4, 94–96			2				12			
U1331C-12H-CC			4				6			
U1331A-15H-CC		3	3				22			
U1331A-16X-1, 50–52	3						35			
U1331A-16X-CC		3					7			
U1331B-15H-CC							15			
U1331C-13H-CC		3					1			
U1331A-17X-2, 104–106							2			
U1331A-17X-4, 104–106							11			
U1331B-16H-CC							1			
U1331C-14H-CC							18			
U1331A-19X-1, 72–74		9					89			
U1331B-17X-CC		7					31			
U1331A-19X-2, 25–27		18			1		41			
U1331A-19X-CC		39			1		32			
U1331A-20X-CC		62			2		28			
U1331C-16X-2, 52–59		85			1					
U1331C-16X-4, 96–103		56			1					
U1331C-16X-5, 113–120		10			9					
U1331C-16X-CC		40			105					
U1331C-17H-1, 125–132		27			64					
U1331C-17H-1, 141–148		22			23					
U1331C-17H-2, 8–15		59			15					
U1331C-17H-2, 49–56		82			4					

Hole, core, section, interval (cm)	*Podocyrtis mitra*	*Podocyrtis sinuosa*	*Podocyrtis trachodes*	*Porodiscus charlestonensis*	*Porodiscus circularis*	*Porodiscus* sp. A	*Porodiscus* spp.	*Pseudodictyophimus* spp.	*Pterocodon campana*	*Rhopalocanium ornatum*
U1331B-5H-CC										4
U1331A-6H-4, 104–106										3
U1331A-6H-CC					2					2
U1331A-7H-2, 104–106										2
U1331B-6H-CC										3
U1331A-7H-4, 104–106										4
U1331A-7H-CC	1					19				6
U1331B-7H-CC	2			3		11				4
U1331A-8H-2, 104–106	1			8						3
U1331A-8H-4, 104–106	1									2
U1331C-6H-CC	1									1
U1331A-8H-CC	2									1
U1331A-9H-2, 105–107	1									2
U1331B-8H-CC	1					2				3
U1331A-9H-4, 105–107	1					6				3
U1331A-9H-CC	3		7							2
U1331A-10H-2, 95–97	9		7							5
U1331A-10H-4, 95–97	2		3							6
U1331B-9H-CC	3		2							3
U1331A-10H-CC	7		3							2
U1331A-11H-3, 106–108	4		16							2
U1331B-10H-CC	2		11							2
U1331A-11H-5, 106–108	1		3							6
U1331A-11H-CC	11		27							15
U1331C-8H-CC	5		21							5
U1331A-12H-2, 106–108	5		18							2
U1331B-11H-CC	11		2	2						9
U1331A-12H-4, 106–108	13		3	3						29
U1331C-10H-CC	7		4	3						19
U1331A-12H-CC	4		3	4						4
U1331A-13H-2, 104–106	4	4								2
U1331B-12H-CC	3	3		2				2		9
U1331A-13H-4, 104–106	4	2		4				3		23
U1331A-13H-CC	2	21		7						28
U1331A-14H-2, 104–106	2	16						5		22
U1331B-13H-CC		7						3		14
U1331A-14H-4, 104–106		4								22
U1331A-14H-CC		7		13				3		30
U1331A-15H-2, 95–97		16		2			6			9
U1331B-14H-CC		5								8
U1331A-15H-4, 94–96		8		8						37
U1331C-12H-CC		3								8
U1331A-15H-CC		19		10						6
U1331A-16X-1, 50–52		10								19
U1331A-16X-CC		3								14
U1331B-15H-CC		17		2						6
U1331C-13H-CC		3			3					
U1331A-17X-2, 104–106		15		4						
U1331A-17X-4, 104–106		3		12			7			
U1331B-16H-CC		4		6	4					
U1331C-14H-CC		4			4					
U1331A-19X-1, 72–74		8							4	
U1331B-17X-CC		7								
U1331A-19X-2, 25–27		13		17						
U1331A-19X-CC				9						
U1331A-20X-CC										
U1331C-16X-2, 52–59				9		5	17			
U1331C-16X-4, 96–103				14	6	6	13			
U1331C-16X-5, 113–120				13	13		11			
U1331C-16X-CC				16			12			
U1331C-17H-1, 125–132				15			14			
U1331C-17H-1, 141–148				9			9			
U1331C-17H-2, 8–15				10			8			
U1331C-17H-2, 49–56							2			

Hole, core, section, interval (cm)	*Saturnalis circularis*	*Sethochytris triconiscus*	Sethoperid sp. A of Funakawa	*Siphocampe quadrata*	*Siphocampe* spp.	*Sphaeropyle* spp.	Spiral spine radiolarians	*Spongatractus balbis*	*Spongatractus* aff. *balbis*	*Spongatractus pachystylus*
U1331B-5H-CC				3	2					
U1331A-6H-4, 104–106				1	6					
U1331A-6H-CC				9	11		7			
U1331A-7H-2, 104–106				1	16		13			
U1331B-6H-CC				2	17		4			3
U1331A-7H-4, 104–106				9	23					4
U1331A-7H-CC				1	19					
U1331B-7H-CC		1		11	11					2
U1331A-8H-2, 104–106		2		21	7					3
U1331A-8H-4, 104–106		2	3	12	16					
U1331C-6H-CC		1	2	4	11					
U1331A-8H-CC		2		1	13					
U1331A-9H-2, 105–107		3	3	3	11					
U1331B-8H-CC		9	2	2	16					
U1331A-9H-4, 105–107		8		3	31					6
U1331A-9H-CC		10		1	17					10
U1331A-10H-2, 95–97		2		2	7					11
U1331A-10H-4, 95–97	4	8		6	13					3
U1331B-9H-CC	3	5		5	11					3
U1331A-10H-CC		11		11	25					
U1331A-11H-3, 106–108		1		2						
U1331B-10H-CC		4		1						
U1331A-11H-5, 106–108		3		2						
U1331A-11H-CC				1						
U1331C-8H-CC			2	2						
U1331A-12H-2, 106–108			3	3						
U1331B-11H-CC			2	1						2
U1331A-12H-4, 106–108			3	3						10
U1331C-10H-CC			3	2						5
U1331A-12H-CC										7
U1331A-13H-2, 104–106										3
U1331B-12H-CC			3							2
U1331A-13H-4, 104–106			4							6
U1331A-13H-CC			8							4
U1331A-14H-2, 104–106										
U1331B-13H-CC										
U1331A-14H-4, 104–106								1		
U1331A-14H-CC								1		3
U1331A-15H-2, 95–97								1		4
U1331B-14H-CC								1		
U1331A-15H-4, 94–96								1		3
U1331C-12H-CC			3					2		4
U1331A-15H-CC								1		
U1331A-16X-1, 50–52								1		
U1331A-16X-CC								1		3
U1331B-15H-CC								1		
U1331C-13H-CC					3	4		1		8
U1331A-17X-2, 104–106								1		8
U1331A-17X-4, 104–106								1		4
U1331B-16H-CC								1		7
U1331C-14H-CC								2		3
U1331A-19X-1, 72–74								3		7
U1331B-17X-CC								2		4
U1331A-19X-2, 25–27								2		5
U1331A-19X-CC								3		4
U1331A-20X-CC								2		
U1331C-16X-2, 52–59								3		
U1331C-16X-4, 96–103								6		
U1331C-16X-5, 113–120								4		
U1331C-16X-CC								2		
U1331C-17H-1, 125–132								3	6	
U1331C-17H-1, 141–148								2	4	
U1331C-17H-2, 8–15								5	6	
U1331C-17H-2, 49–56								3		

Hole, core, section, interval (cm)	*Spongodiscus* sp. A	*Spongodiscus* sp. B	*Spongodiscus* spp.	*Stichopilidium sphinx*	*Stylatractus neptunus*	*Stylodictya* sp. A	*Stylodictya* sp. B	*Stylodictya* sp. C	*Stylosphaera coronata coronata*	*Stylosphaera coronata laevis*
U1331B-5H-CC	22		48	2			13	6	97	
U1331A-6H-4, 104–106	13		23	2			10	5	62	
U1331A-6H-CC	6		28				31		171	
U1331A-7H-2, 104–106	7		55			6	17	10	155	
U1331B-6H-CC	2		34			2	23	7	103	
U1331A-7H-4, 104–106			38				44	11	164	
U1331A-7H-CC	13		72			10	11	68	56	
U1331B-7H-CC	6		61			6	16	27	83	
U1331A-8H-2, 104–106			37			2	19		92	
U1331A-8H-4, 104–106			16	2		3	6	18	119	
U1331C-6H-CC			12	3		2	2	7	59	
U1331A-8H-CC			20	1					59	
U1331A-9H-2, 105–107			35	1			18	16	76	
U1331B-8H-CC			25	1			9	11	63	
U1331A-9H-4, 105–107			28	2			8	9	59	
U1331A-9H-CC			30	3					43	
U1331A-10H-2, 95–97			18	6			18	19	35	
U1331A-10H-4, 95–97	3		41	5			11	33	91	
U1331B-9H-CC		3	36	3			5	24	68	
U1331A-10H-CC			29	1				7	14	
U1331A-11H-3, 106–108			54	1			12	11	53	
U1331B-10H-CC			33	1			7	9	32	
U1331A-11H-5, 106–108			50	1			3	17	45	
U1331A-11H-CC			46	4			8	19	42	
U1331C-8H-CC			7	3			12	13	27	
U1331A-12H-2, 106–108			25	1			5	11	56	
U1331B-11H-CC			35	1			3	12	43	
U1331A-12H-4, 106–108			39	1				18	44	
U1331C-10H-CC			29	1			3	17	41	
U1331A-12H-CC			35	3			3	7	35	
U1331A-13H-2, 104–106			31	1			8		54	
U1331B-12H-CC			31	2			7	2	48	
U1331A-13H-4, 104–106			46	11			19	12	63	
U1331A-13H-CC			35	2			18	18	56	
U1331A-14H-2, 104–106			49	1	3		16	14	51	
U1331B-13H-CC			53	1			16	7	32	
U1331A-14H-4, 104–106			73	1			13	16	34	
U1331A-14H-CC			40	2				3	20	
U1331A-15H-2, 95–97			64	9			3	28	37	
U1331B-14H-CC			44	5				26	29	
U1331A-15H-4, 94–96			31	4			8	22	43	
U1331C-12H-CC			38	3			8	35	13	
U1331A-15H-CC			48					38	29	
U1331A-16X-1, 50–52			61				29	42	45	
U1331A-16X-CC			55				10	31	34	
U1331B-15H-CC			22					17	18	
U1331C-13H-CC		10	45				3	5	22	
U1331A-17X-2, 104–106	4		87				34	42	34	
U1331A-17X-4, 104–106			26					19	63	
U1331B-16H-CC			42	3			76	5	34	
U1331C-14H-CC			33						71	
U1331A-19X-1, 72–74								8	56	
U1331B-17X-CC			29				4	5	66	
U1331A-19X-2, 25–27	17		80				23		42	
U1331A-19X-CC	17	4	72			3			49	
U1331A-20X-CC	9		20						455	
U1331C-16X-2, 52–59		97	17					30	420	17
U1331C-16X-4, 96–103		52	53				22	13	495	
U1331C-16X-5, 113–120		26	29				51		523	
U1331C-16X-CC	5	11	28				8	20	300	
U1331C-17H-1, 125–132	11	23	69	5			5	9	504	
U1331C-17H-1, 141–148		17	58	10				5	542	
U1331C-17H-2, 8–15		14	72	5				6	563	
U1331C-17H-2, 49–56			45						489	

Hole, core, section, interval (cm)	*Stylosphaera coronata sabaca*	*Stylosphaera flexuosa*	*Stylosphaera* sp. A	*Stylosphaera* spp.	*Stylotrochus nitidus*	*Stylotrochus q. quadribrachiatus*	*Tetrapyle* spp.	*Thecosphaera* sp. A	*Thecosphaera* sp. A of Funakawa	*Thecosphaera* sp. D
U1331B-5H-CC										
U1331A-6H-4, 104–106										
U1331A-6H-CC										
U1331A-7H-2, 104–106										
U1331B-6H-CC										
U1331A-7H-4, 104–106										
U1331A-7H-CC		3						10		
U1331B-7H-CC		4						3		
U1331A-8H-2, 104–106										
U1331A-8H-4, 104–106										
U1331C-6H-CC										
U1331A-8H-CC										
U1331A-9H-2, 105–107										
U1331B-8H-CC		2								
U1331A-9H-4, 105–107		3								
U1331A-9H-CC										
U1331A-10H-2, 95–97				4						
U1331A-10H-4, 95–97										
U1331B-9H-CC				28						
U1331A-10H-CC				74						
U1331A-11H-3, 106–108									6	
U1331B-10H-CC									2	
U1331A-11H-5, 106–108									6	
U1331A-11H-CC									8	
U1331C-8H-CC									2	
U1331A-12H-2, 106–108									3	
U1331B-11H-CC		2					3		2	
U1331A-12H-4, 106–108		3					3			
U1331C-10H-CC		2					2		3	
U1331A-12H-CC		4							7	
U1331A-13H-2, 104–106							3		6	
U1331B-12H-CC		4					2		3	
U1331A-13H-4, 104–106		4					3		7	
U1331A-13H-CC							14		11	
U1331A-14H-2, 104–106							4			
U1331B-13H-CC							5			
U1331A-14H-4, 104–106							11			
U1331A-14H-CC					3					
U1331A-15H-2, 95–97										
U1331B-14H-CC				13						
U1331A-15H-4, 94–96				4						
U1331C-12H-CC							3			
U1331A-15H-CC				3	4					
U1331A-16X-1, 50–52							3			
U1331A-16X-CC				3						3
U1331B-15H-CC				2	4					
U1331C-13H-CC				5	5			3		
U1331A-17X-2, 104–106	2			4			5			8
U1331A-17X-4, 104–106				7	5		8			
U1331B-16H-CC					14					
U1331C-14H-CC				7			3			
U1331A-19X-1, 72–74				5						
U1331B-17X-CC				4						
U1331A-19X-2, 25–27	199		3	3	67					
U1331A-19X-CC	145		5	4	84		9	5		
U1331A-20X-CC	4				16	3				
U1331C-16X-2, 52–59	2		4	4	55	4				
U1331C-16X-4, 96–103	1		4	17	35	6	10			
U1331C-16X-5, 113–120	3			6	34	3	13			
U1331C-16X-CC	2		4	5	20	6	16			
U1331C-17H-1, 125–132	1		9	11	41	7	10			
U1331C-17H-1, 141–148	2		4	12	42	4				
U1331C-17H-2, 8–15	2		4	17	54	3				
U1331C-17H-2, 49–56	1			20	65	9				

Hole, core, section, interval (cm)	*Thecosphaerella* cf. *agdaraensis*	*Thecosphaerella glebulenta*	*Thecosphaerella rotunda*	*Thecosphaerella* sp. A	*Thecosphaerella* sp. B	*Theocorys acroria*	*Theocorys anaclasta*	*Theocorys anapographa*	*Theocorys anapographa* var. A	*Theocorys bianulus*
U1331B-5H-CC		10	3		4			4		
U1331A-6H-4, 104–106		4	6		3			2		
U1331A-6H-CC		3	2							
U1331A-7H-2, 104–106		6	6							
U1331B-6H-CC		5	11		5				2	
U1331A-7H-4, 104–106		14	35		11				4	
U1331A-7H-CC		5	2							
U1331B-7H-CC	3	35	29		3					
U1331A-8H-2, 104–106	2	61	63		3					
U1331A-8H-4, 104–106		106	3	11	4				5	
U1331C-6H-CC		95	11	4	3				2	
U1331A-8H-CC		192	1							
U1331A-9H-2, 105–107		6	1	9	5					
U1331B-8H-CC		4	2	18	2			2		
U1331A-9H-4, 105–107		8	3	34				3		
U1331A-9H-CC		34	1	25						
U1331A-10H-2, 95–97		48	1	20						
U1331A-10H-4, 95–97		18	3							
U1331B-9H-CC		14	1	19						3
U1331A-10H-CC		5	1	53						
U1331A-11H-3, 106–108		34								
U1331B-10H-CC		21								
U1331A-11H-5, 106–108		36								
U1331A-11H-CC		27								
U1331C-8H-CC		7								
U1331A-12H-2, 106–108										
U1331B-11H-CC										
U1331A-12H-4, 106–108										
U1331C-10H-CC		5								
U1331A-12H-CC		15								
U1331A-13H-2, 104–106		3								
U1331B-12H-CC		2								
U1331A-13H-4, 104–106		11								
U1331A-13H-CC		4								
U1331A-14H-2, 104–106		3		6				8		
U1331B-13H-CC		5		3				2		
U1331A-14H-4, 104–106		3								
U1331A-14H-CC		3						3		
U1331A-15H-2, 95–97							3	4		
U1331B-14H-CC		11					2			
U1331A-15H-4, 94–96				4			1			
U1331C-12H-CC							3			
U1331A-15H-CC							2			
U1331A-16X-1, 50–52		17		3			1			
U1331A-16X-CC			4				1			
U1331B-15H-CC		2		4			2			
U1331C-13H-CC							1			
U1331A-17X-2, 104–106		4					2			
U1331A-17X-4, 104–106				7			1			
U1331B-16H-CC		10					2			
U1331C-14H-CC		11					11			
U1331A-19X-1, 72–74		9		4			3			
U1331B-17X-CC							5			
U1331A-19X-2, 25–27	4	4		25	4		1			
U1331A-19X-CC				21			2			
U1331A-20X-CC	8									
U1331C-16X-2, 52–59										
U1331C-16X-4, 96–103	6									
U1331C-16X-5, 113–120	8									
U1331C-16X-CC										6
U1331C-17H-1, 125–132	3			10						
U1331C-17H-1, 141–148	14			11						
U1331C-17H-2, 8–15	10	5		6		4				
U1331C-17H-2, 49–56	9	5				9				

Hole, core, section, interval (cm)	*Theocorys puriri*	*Theocorys* sp. A	*Theocorys* sp. B	*Theocorys* sp. C	*Theocorys* sp. D	*Theocorys* spp.	*Theocotyle* aff. *nigriniae*	*Theocotyle conica*	*Theocotyle cryptocephala*	*Theocotyle nigriniae*
U1331B-5H-CC	5					1				
U1331A-6H-4, 104–106						2				
U1331A-6H-CC						9				
U1331A-7H-2, 104–106						2				
U1331B-6H-CC	3					1				
U1331A-7H-4, 104–106	32					34				
U1331A-7H-CC						29				
U1331B-7H-CC						27				
U1331A-8H-2, 104–106						19				
U1331A-8H-4, 104–106						31				
U1331C-6H-CC						29				
U1331A-8H-CC						53				
U1331A-9H-2, 105–107	3					22				
U1331B-8H-CC	2					19				
U1331A-9H-4, 105–107						25				
U1331A-9H-CC	3					56		3		
U1331A-10H-2, 95–97						23				
U1331A-10H-4, 95–97						50				
U1331B-9H-CC						57				
U1331A-10H-CC						67				
U1331A-11H-3, 106–108						45				
U1331B-10H-CC	2					23				
U1331A-11H-5, 106–108	8					14				
U1331A-11H-CC						58				
U1331C-8H-CC	28					22				
U1331A-12H-2, 106–108	16					58				
U1331B-11H-CC	25					28				
U1331A-12H-4, 106–108	11					18				
U1331C-10H-CC	7					17				
U1331A-12H-CC	18					21				
U1331A-13H-2, 104–106	17					44				
U1331B-12H-CC	12					31				
U1331A-13H-4, 104–106	18					35				
U1331A-13H-CC	68					81				
U1331A-14H-2, 104–106	44					8				
U1331B-13H-CC	35			2		5				
U1331A-14H-4, 104–106	66			3		3				
U1331A-14H-CC	66					7				
U1331A-15H-2, 95–97	61							2		
U1331B-14H-CC	68	6	4			16		1		
U1331A-15H-4, 94–96	88	1				48		3		
U1331C-12H-CC	58	1				26		2		
U1331A-15H-CC	63	1				10		1		
U1331A-16X-1, 50–52	53	1						2		
U1331A-16X-CC	54	3				21		1		
U1331B-15H-CC	39	1				30		1	1	
U1331C-13H-CC	55	1				13		3	1	
U1331A-17X-2, 104–106		1				4		1	3	
U1331A-17X-4, 104–106	4	1				15		1	2	
U1331B-16H-CC	9	1				24		2	2	
U1331C-14H-CC		1						4	2	
U1331A-19X-1, 72–74	33	1				36		2	1	
U1331B-17X-CC		2				29		4	3	
U1331A-19X-2, 25–27		3					5	2	2	
U1331A-19X-CC		4				9		1	1	3
U1331A-20X-CC		2						1	1	1
U1331C-16X-2, 52–59		1				9			1	4
U1331C-16X-4, 96–103		1				9			1	5
U1331C-16X-5, 113–120		1				4			2	1
U1331C-16X-CC		3				11			2	3
U1331C-17H-1, 125–132						5			2	1
U1331C-17H-1, 141–148					5	7			3	1
U1331C-17H-2, 8–15						10			2	1
U1331C-17H-2, 49–56						21			1	1

Hole, core, section, interval (cm)	*Theocotyle venezuelensis* var. A	*Theocotyle venezuelensis* var. B	*Theocotylissa ficus*	*Theocyrtis perpumila*	*Theopodium* aff. *carinatum*	*Tholodiscus splendens*	*Tholospyris anthophora* ?	*Thyrsocyrtis bromia*	*Thyrsocyrtis hirsuta*	*Thyrsocyrtis krooni*
U1331B-5H-CC			5	15				3		6
U1331A-6H-4, 104–106	7		3	8				3		5
U1331A-6H-CC				6						
U1331A-7H-2, 104–106			3	55		19				17
U1331B-6H-CC			2	31		11				5
U1331A-7H-4, 104–106				34		9				
U1331A-7H-CC				3		3				
U1331B-7H-CC				2		3				
U1331A-8H-2, 104–106				4						
U1331A-8H-4, 104–106				5						
U1331C-6H-CC			2	6						
U1331A-8H-CC			3	7						
U1331A-9H-2, 105–107				22		5				
U1331B-8H-CC				21		2				
U1331A-9H-4, 105–107				36		3				
U1331A-9H-CC	13			7		3				
U1331A-10H-2, 95–97	4		12	2		4				
U1331A-10H-4, 95–97				11		6				
U1331B-9H-CC				5		11				
U1331A-10H-CC				2		21				
U1331A-11H-3, 106–108				6						
U1331B-10H-CC				13						
U1331A-11H-5, 106–108				25						
U1331A-11H-CC				8		12				
U1331C-8H-CC				12		2				
U1331A-12H-2, 106–108				18						
U1331B-11H-CC				6		3				
U1331A-12H-4, 106–108						5				
U1331C-10H-CC						3				
U1331A-12H-CC						3				
U1331A-13H-2, 104–106										
U1331B-12H-CC										
U1331A-13H-4, 104–106										
U1331A-13H-CC										
U1331A-14H-2, 104–106						11				
U1331B-13H-CC						7				
U1331A-14H-4, 104–106	1	2	3			16				
U1331A-14H-CC	2	1	43			3				
U1331A-15H-2, 95–97	2	1	34			11				
U1331B-14H-CC	8	2	31							
U1331A-15H-4, 94–96	7	2	8							
U1331C-12H-CC	5	3	3		3	21			3	
U1331A-15H-CC	4	2	22			6			4	
U1331A-16X-1, 50–52	5	3	16			6			2	
U1331A-16X-CC	2	7	10						7	
U1331B-15H-CC	5	4	9			7			5	
U1331C-13H-CC	23	2	12			3			4	
U1331A-17X-2, 104–106	3	3	15			5			8	
U1331A-17X-4, 104–106	41	1	4			4	11		19	
U1331B-16H-CC	2	1	4			3			43	
U1331C-14H-CC	49	4	12						7	
U1331A-19X-1, 72–74	21	12	12			24			6	
U1331B-17X-CC	25	2	13			4			8	
U1331A-19X-2, 25–27	5	3	3		13				51	
U1331A-19X-CC	3	2			21				79	
U1331A-20X-CC	2	1	52		45				89	
U1331C-16X-2, 52–59			26		13				21	
U1331C-16X-4, 96–103			14		9				10	
U1331C-16X-5, 113–120			8		17				21	
U1331C-16X-CC			7		8				19	
U1331C-17H-1, 125–132			36		10				14	
U1331C-17H-1, 141–148			42		21				5	
U1331C-17H-2, 8–15			32		15				18	
U1331C-17H-2, 49–56			17		24				49	

Hole, core, section, interval (cm)	*Thyrsocyrtis orthotenes*	*Thyrsocyrtis pinguisicoides*	*Thyrsocyrtis rhizodon*	*Thyrsocyrtis robusta*	*Thyrsocyrtis* sp. A	*Thyrsocyrtis* spp.	*Thyrsocyrtis tensa*	*Thyrsocyrtis triacantha*	*Tristylospyris triceros*	*Zealithapium anoectum*
U1331B-5H-CC	7	1	23					143	4	
U1331A-6H-4, 104–106	8	2	5			2		132	2	
U1331A-6H-CC	2		15			2		82	13	
U1331A-7H-2, 104–106	1		7			6		111	3	
U1331B-6H-CC	3		15			2		37	2	
U1331A-7H-4, 104–106	2		37					29	2	
U1331A-7H-CC	2		33					71	3	
U1331B-7H-CC	1		39					64	7	
U1331A-8H-2, 104–106	1		48					68	11	
U1331A-8H-4, 104–106	1		23					43	13	
U1331C-6H-CC	2		17					45	9	
U1331A-8H-CC	1		26					86	10	
U1331A-9H-2, 105–107	2		9					65	8	
U1331B-8H-CC	3		5					47	5	
U1331A-9H-4, 105–107	2		3					67	6	
U1331A-9H-CC	2		20					67	2	
U1331A-10H-2, 95–97	1		7					62	1	
U1331A-10H-4, 95–97	1		15					43	5	
U1331B-9H-CC	2		8					62	2	
U1331A-10H-CC	3		11					88	5	
U1331A-11H-3, 106–108	1		13					21	2	
U1331B-10H-CC	1		5					23	1	3
U1331A-11H-5, 106–108	2		3					54	1	4
U1331A-11H-CC	1		11					39	1	2
U1331C-8H-CC	2		2					43	1	5
U1331A-12H-2, 106–108	1		3					32	2	11
U1331B-11H-CC	1		3					34	1	5
U1331A-12H-4, 106–108	2		5					39	1	2
U1331C-10H-CC	2		2					43	2	3
U1331A-12H-CC	18		4					63	4	4
U1331A-13H-2, 104–106	6		3					79	18	1
U1331B-12H-CC	3		2					48	4	4
U1331A-13H-4, 104–106	7		7					52		15
U1331A-13H-CC	7		11					57		4
U1331A-14H-2, 104–106	1		1					49		5
U1331B-13H-CC	2		1					44		2
U1331A-14H-4, 104–106	3		2					56		
U1331A-14H-CC	2		3					56		
U1331A-15H-2, 95–97	1		10					62		
U1331B-14H-CC	3		1					13		
U1331A-15H-4, 94–96	2		6	1				35	3	
U1331C-12H-CC	2		1	2			2	16		
U1331A-15H-CC	1		1	1			1	11		
U1331A-16X-1, 50–52	2		10	1			1	20		
U1331A-16X-CC	2		1	2			3	14		
U1331B-15H-CC	2		1	1			2	11		
U1331C-13H-CC			4	3			4		3	
U1331A-17X-2, 104–106			1	23			1			
U1331A-17X-4, 104–106			1	23			2		4	
U1331B-16H-CC			12	25			1			
U1331C-14H-CC			1	49			2			
U1331A-19X-1, 72–74			1	21			1		8	
U1331B-17X-CC			9	45	1		3			
U1331A-19X-2, 25–27			1	63	4		1		8	
U1331A-19X-CC			1		1		1		9	
U1331A-20X-CC			1		1		2		24	
U1331C-16X-2, 52–59			2		1		1			
U1331C-16X-4, 96–103			1		2		9		5	
U1331C-16X-5, 113–120			1		11		20		9	
U1331C-16X-CC			2		9		7			
U1331C-17H-1, 125–132					5		8			
U1331C-17H-1, 141–148					2		2			
U1331C-17H-2, 8–15					1		3		5	
U1331C-17H-2, 49–56					1		9		4	

Hole, core, section, interval (cm)	*Zealithapium mitra*	*Zealithapium plegmacantha*	*Zygocircus cimelium*	*Zygocircus* sp. A	*Zygocircus* spp.	Other Spumellaria	Other Nassellaria	Total
U1331B-5H-CC					25			1520
U1331A-6H-4, 104–106		6	1		29			1267
U1331A-6H-CC			3		22			1412
U1331A-7H-2, 104–106	10		3		29			1641
U1331B-6H-CC	5		2	3	5			1072
U1331A-7H-4, 104–106	3		1	3	3			1553
U1331A-7H-CC	4		1		27			1668
U1331B-7H-CC	3	6	1		16			1584
U1331A-8H-2, 104–106	2	11	1		7			1334
U1331A-8H-4, 104–106	3	3	1	11	11			1325
U1331C-6H-CC	2	2	2	7	5			1097
U1331A-8H-CC	1	7	3	17				1678
U1331A-9H-2, 105–107	3	2	5		1			1378
U1331B-8H-CC	9	2	3		5			1203
U1331A-9H-4, 105–107	20		1		8			1435
U1331A-9H-CC	4	7	1		10			1723
U1331A-10H-2, 95–97	11	2	4		4			1162
U1331A-10H-4, 95–97	8		1		5			1307
U1331B-9H-CC	14		1		3			1438
U1331A-10H-CC	11	1	2		7			1845
U1331A-11H-3, 106–108		2	10		16			1611
U1331B-10H-CC		2	2	2	15			1080
U1331A-11H-5, 106–108		3	8	3	12			1462
U1331A-11H-CC		2	1		20			1760
U1331C-8H-CC		2	2		18			1195
U1331A-12H-2, 106–108		1	3		8			1308
U1331B-11H-CC		2	2		4			1089
U1331A-12H-4, 106–108		5	5		5			1341
U1331C-10H-CC		7	2		7			1245
U1331A-12H-CC		25	1		4			1828
U1331A-13H-2, 104–106		25			14			1560
U1331B-12H-CC		11			7			1140
U1331A-13H-4, 104–106		16			14		5	1619
U1331A-13H-CC		14			14			1884
U1331A-14H-2, 104–106		19			16			1386
U1331B-13H-CC		7			9			1228
U1331A-14H-4, 104–106		6			11		4	1585
U1331A-14H-CC		10			17			1736
U1331A-15H-2, 95–97		9			7			1571
U1331B-14H-CC		8			13			1342
U1331A-15H-4, 94–96		3			8			1530
U1331C-12H-CC		2			21			1343
U1331A-15H-CC		19			32			1714
U1331A-16X-1, 50–52		7			32			1655
U1331A-16X-CC		4			37	3	4	1774
U1331B-15H-CC		12			14			1078
U1331C-13H-CC		2			8			1348
U1331A-17X-2, 104–106		3			6	23		1956
U1331A-17X-4, 104–106		2			19			1887
U1331B-16H-CC		4			27			1570
U1331C-14H-CC		5			19			1674
U1331A-19X-1, 72–74		21			10			1987
U1331B-17X-CC					27			2090
U1331A-19X-2, 25–27								2175
U1331A-19X-CC								2115
U1331A-20X-CC								2114
U1331C-16X-2, 52–59						9	6	2098
U1331C-16X-4, 96–103						4	3	2189
U1331C-16X-5, 113–120							1	2078
U1331C-16X-CC								1993
U1331C-17H-1, 125–132								2417
U1331C-17H-1, 141–148								2171
U1331C-17H-2, 8–15								2405
U1331C-17H-2, 49–56							5	2080

Hole, core, section, interval (cm)	Cosmopolitan (cool-water species) (%)	Low latitude (warm-water species) (%)	Radiolarian MAR	Species richness (chao 1)	Diversity	Evenness
U1331B-5H-CC	12.76315789	21.51315789	74319669.04	79.500000	3.6988049	0.5081635
U1331A-6H-4, 104–106	14.60142068	20.99447514	63679846.15	79.409091	3.7495491	0.5352273
U1331A-6H-CC	11.47308782	23.86685552	47863936.65	65.642857	3.5130526	0.5111071
U1331A-7H-2, 104–106	9.140767824	18.82998172	46498853.34	68.000000	3.5590798	0.5166302
U1331B-6H-CC	11.56716418	15.29850746	51953703.94	82.214286	3.7497019	0.5170440
U1331A-7H-4, 104–106	11.20412106	13.65099807	81774000	77.000000	3.7204103	0.5361211
U1331A-7H-CC	15.34772182	9.292565947	67574688.8	73.125000	3.7658499	0.5907748
U1331B-7H-CC	17.92929293	11.74242424	88198241.76	84.500000	3.8806266	0.5734268
U1331A-8H-2, 104–106	20.09595655	14.60047922	66463675.04	70.000000	3.6651388	0.5580222
U1331A-8H-4, 104–106	19.16981132	20.1509434	171615990.6	72.562500	3.6504583	0.5304710
U1331C-6H-CC	21.05742935	17.86690975	159386822.6	78.882353	3.6938301	0.5096009
U1331A-8H-CC	21.63289631	14.71990465	106801400.3	82.125000	3.5139702	0.4089050
U1331A-9H-2, 105–107	21.26269956	17.9245283	78867839.53	86.100000	3.7116909	0.4752955
U1331B-8H-CC	21.54323607	17.13618998	89767034.01	82.380952	3.7368001	0.5093835
U1331A-9H-4, 105–107	26.8989547	14.56445993	151951382.6	79.500000	3.5954797	0.4582789
U1331A-9H-CC	24.66627974	13.63900174	116353834.3	85.500000	3.7781853	0.5115392
U1331A-10H-2, 95–97	32.27194492	16.0929432	196911839.2	79.450000	3.7558270	0.5383206
U1331A-10H-4, 95–97	17.82708493	15.22570773	192435902.3	79.125000	3.6538969	0.4881503
U1331B-9H-CC	16.82892907	14.32545202	86988536.06	86.562500	3.8165475	0.5250199
U1331A-10H-CC	21.19241192	11.05691057	69024056.53	84.900000	3.6880940	0.4707726
U1331A-11H-3, 106–108	25.82247052	14.21477343	116779130.6	76.785714	3.6208933	0.4866913
U1331B-10H-CC	18.61111111	20.18518519	138458672.5	83.857143	3.7327812	0.4984094
U1331A-11H-5, 106–108	29.13816689	16.27906977	102009003.9	81.000000	3.5721065	0.4394011
U1331A-11H-CC	18.29545455	16.53409091	51099631.58	90.250000	3.6501721	0.4263854
U1331C-8H-CC	17.48953975	19.49790795	60543657.11	83.090909	3.7306457	0.5019325
U1331A-12H-2, 106–108	17.96636086	20.10703364	57993108.1	75.000000	3.6525999	0.5143310
U1331B-11H-CC	17.90633609	18.9164371	79728842.78	92.266667	3.8125061	0.4905752
U1331A-12H-4, 106–108	20.43251305	16.40566741	77255249.99	90.000000	3.7758351	0.4848215
U1331C-10H-CC	20.08032129	15.34136546	80031610.53	91.166667	3.7368079	0.4602979
U1331A-12H-CC	23.14004376	14.00437637	118422842.5	80.000000	3.5711789	0.4444811
U1331A-13H-2, 104–106	11.21794872	19.61538462	80763928.92	80.000000	3.7986362	0.5580033
U1331B-12H-CC	14.03508772	18.50877193	80949810.68	85.000000	3.7945034	0.5230136
U1331A-13H-4, 104–106	20.32118592	15.13279802	86701437.05	85.000000	3.7701540	0.5104323
U1331A-13H-CC	14.75583864	13.64118896	67950545.45	76.000000	3.7780436	0.5754000
U1331A-14H-2, 104–106	14.57431457	22.00577201	55498655.58	82.000000	3.6128465	0.4520906
U1331B-13H-CC	14.90228013	22.47557003	80732353.94	83.296296	3.5293780	0.4094150
U1331A-14H-4, 104–106	14.82649842	20.06309148	76873882.68	76.250000	3.5173590	0.4419058
U1331A-14H-CC	13.19124424	26.09447005	58711913.22	65.666667	3.3463346	0.4324637
U1331A-15H-2, 95–97	15.21323997	30.99936346	100549042.4	64.125000	3.2635297	0.4076670
U1331B-14H-CC	10.05961252	29.88077496	100045705.1	63.250000	3.2476456	0.4067935
U1331A-15H-4, 94–96	15.35947712	27.77777778	120510272.2	71.785714	3.3556998	0.3993226
U1331C-12H-CC	20.40208488	21.07222636	101662306.3	70.562500	3.5061510	0.4722023
U1331A-15H-CC	16.16102684	30.63010502	107991578.9	77.000000	3.2217662	0.3256151
U1331A-16X-1, 50–52	20.84592145	24.41087613	192570957.6	74.083333	3.3959469	0.4028288
U1331A-16X-CC	17.58737317	26.43742954	180171093.3	88.666667	3.3223459	0.3126915
U1331B-15H-CC	20.77922078	21.79962894	144906502.6	71.500000	3.4789096	0.4534874
U1331C-13H-CC	21.81008902	18.76854599	145443352.4	80.900000	3.4519348	0.3901285
U1331A-17X-2, 104–106	13.1390593	28.27198364	133141617.8	81.000000	3.1513583	0.2884911
U1331A-17X-4, 104–106	9.273979862	28.13990461	21997424.21	88.666667	3.4698661	0.3623959
U1331B-16H-CC	12.86624204	21.01910828	22488882.5	85.500000	3.4019794	0.3511517
U1331C-14H-CC	9.378733572	36.37992832	25488288.88	62.600000	3.1721515	0.3811304
U1331A-19X-1, 72–74	10.21640664	32.20936085	17116612.41	86.000000	3.3148693	0.3199860
U1331B-17X-CC	5.167464115	34.97607656	18929586.93	68.166667	3.1681700	0.3486155
U1331A-19X-2, 25–27	24.18390805	17.83908046	12559083.03	91.666667	3.4407289	0.3404695
U1331A-19X-CC	28.12064965	14.04496662	13543986.14	88.562500	3.2776655	0.2993796
U1331A-20X-CC	2.649006623	33.86944182	13250710.85	78.000000	3.2965773	0.3464102
U1331C-16X-2, 52–59	7.054337464	29.1706387	11994070.67	93.125000	3.4707732	0.3453595
U1331C-16X-4, 96–103	9.639104614	33.66834171	23195385.4	97.750000	3.4437256	0.3202390
U1331C-16X-5, 113–120	10.34648701	36.28488932	25760229.89	85.500000	3.3093040	0.3200710
U1331C-16X-CC	7.727044656	29.00150527	24728846.15	89.333333	3.6012379	0.4101892
U1331C-17H-1, 125–132	7.985105503	33.05750931	42361853.45	101.500000	3.5585303	0.3459267
U1331C-17H-1, 141–148	2.118839245	35.32934132	36423275.86	75.500000	3.4272820	0.4078521
U1331C-17H-2, 8–15	6.985446985	33.22245322	35292118.23	104.166667	3.4469805	0.3014920
U1331C-17H-2, 49–56	9.134615385	35.04807692	27487130.54	98.000000	3.3222338	0.2828797