

Table T10. Dinoflagellate cyst, pollen, and palynomorph range chart, Holes U1342A and U1342B. (See table notes.)

Core, section	Depth (mbsf)		Preservation	Marine		Pollen and spores			Reworked palynomorphs	Dinoflagellate cyst assemblages																							
	Top	Bottom		Dinoflagellate cysts	Organic lining of foraminifers	Pollen (herbs)	Pollen (trees)	Pollen (shrubs)		Spores (moss and fern)	<i>Bitectatodinium tepikiense</i>	<i>Brigantedinium cariacense</i>	<i>Brigantedinium simplex</i>	<i>Brigantedinium</i> spp.	<i>Gymnodinium catenatum</i>	<i>Impagidinium pallidum</i>	<i>Impagidinium</i> spp.	<i>Islandinium imnutum</i>	<i>Islandinium</i> morphotype <i>cesare</i>	<i>Nematosphaeropsis lemniscata</i>	<i>Operculodinium centrocarpum</i>	<i>Operculodinium centrocarpum</i> var. short processes	<i>Pentaplastodinium dalei</i>	Polykrikos - Arctic morphotype	<i>Polykrikos schwartzii</i>	<i>Protopteridinium americanum</i>							
323-U1342A-																																	
1H-CC	1.65	1.75	G	C	C	R	R	F	F	R	A	R	A	D		F																	
2H-CC	11.31	11.41	M	C	C	C	R	F	F	F			A	D																			
3H-CC	20.91	21.01	G	A	C	R	C	C	C	F	F	R	F	A		R	R	F	A	A	R	A											
4H-CC	30.65	30.75	M	C	C	C	R	R	R	F	R	A	A	D		R	A	R															
5H-CC	40.12	40.22	M	C	C	C	F	R	R	R	D		A	D																			
6H-CC	48.25	48.35	P	R		R	F	F			P																						
7H-CC	55.64	55.74	P	F	C	R	F	R	R	R			P	P																			
323-U1342B-																																	
1H-CC	5.23	5.33	G	C	C	R	R	R	R	R	F	F	A	D	F		F																
2H-CC	14.98	15.08	M	C	C	R	C	C	R	R	F	F	D	D	F	F																	
3H-CC	24.71	24.81	M	C	C	C	C	C	F	C		F	D	D			A																
4H-CC	33.97	34.07	M	C	C	C	R	C		C		R	A	D		R	A																
5H-CC	43.64	43.74	P	C	C	F	C	F		C				P																			

Notes: Preservation: G = good, M = moderate, P = poor. Absolute abundance: A = abundant (>2000/cm³), C = common (>200/cm³), F = few (>100/cm³), R = rare (<100/cm³). Relative abundance of dinoflagellate cysts: D = dominant (>30%), A = abundant (>10%), F = few (>5%), R = rare (<5%), P = occurrence (when counts are <20).

Table T11. Chron ages and preliminary depths, Holes U1342A, U1342C, and U1342D. (See table notes.)

Event	Age (ka)	Hole U1342A			Hole U1342C			Hole U1342D		
		Core, section, interval (cm)	Depth (mbsf)	Sed. rate (cm/k.y.)	Core, section, interval (cm)	Depth (mbsf)	Sed. rate (cm/k.y.)	Core, section, interval (cm)	Depth (mbsf)	Sed. rate (cm/k.y.)
		323-U1342A-			323-U1342C-			323-U1342D-		
	0		0	3.2		0	3.2		0	3.2
B Brunhes	781	4H-3, 110	24.9	2.3	3H-6, 90	25.1	1.8	3H-7, 30	24.8	2.1
Kamikatsura Excursion	885	4H-5, 45	27.25	3.3	4H-1, 80	27	4.4	4H-2, 50	27	3.3
Santa Rosa Excursion	930				4H-2, 130	29	2.5	4H-3, 50	28.5	2.6
T Jaramillo	998				4H-4 (T)	30.7	5.1	4H-4, 80	30.3	5.0
B Jaramillo	1072	5H-3, 15	33.45	4.3	4H-6, 75	34.45	3.4	4H-7 (T)	34	4.2
Punaruu Excursion	1125	5H-4, 95	35.75	9.4	5H-1, 52.5	36.25	7.9	5H-2, 25	36.25	7.6
T Cobb Mountain	1173	6H-1, 45	40.25	10.4	5H3, 135	40.05	7.1	5H-4, 90	39.9	5.8
B Cobb Mountain	1185	6H-2, 20	41.5		5H-4, 70	40.9		5H-5, 10	40.6	

Notes: B = bottom, T = top. Sed. rate = sedimentation rate.

