Table 4. Range chart for stratigraphically important radiolarian species, Hole 1001A.

Subepoch	Nannofossil zone	Radiolarian zone	Core, section, interval (cm)	Depth (mbsf)	Abundance	Preservation	No. of slides examined	Amphicraspedum murrayanum	Amphicraspedum prolixum	Bekoma campechensis	Bekoma spp.	Buryella clinata	Buryella pentadica	Buryella spp.	Buryella tetradica	Calocyclas hispida	Calocycloma ampulla	Calocycloma castum	Dendrospyris fragoides	Dictyomitra multicostata	Giraffospyris lata	Lamptonium fab. chaunothorax	Lamptonium fab. constrictum	Lamptonium fab. fabaeforme	Lamptonium pennatum	Lithochytris archaea	Lophocyrtis biaurita	Lychnocanoma auxilla	Lychnocanoma babylonis grp.	Lychnocanoma (?) costata	Lychnocanoma (?) pileus	Orbula comitata	Phormocyrtis cubensis	Phormocyrtis striata exquisita	Phormocyrtis striata praexquisita	Phormocyrtis striata striata	Phormocyrtis turgida	Podocyrtis (P.) papalis	Prerocodon ampla	Rhopalocanium ornatum	Spongatractus balbis	Spongodiscus americanus	Spongodiscus cruciferus	Spongodiscus quartus quartus	Stylotrochus alveatus	Stylotrochus nitidus	Stylotrochus quadribrachiatus[2]	Theocorys anaclasta	Theocorys phyzella	Theocotyle nigriniae	Theocotylissa alpha	Theocotylissa auctor	Theocotylissa ficus	Thyrsocyrtis (T.) hirsuta	Tripocalpis cassidus
			165-1001A-																																																					
m. Mio	CN5		18R-3, 42-44	163.72	B	G	2																																															
early Eocene	CP10		18R-4, 127-129	166.07	A	MG	5	C		MR					R	R	R				+	VR	+	VR		F	R		MR					F				R	R		R		VR	VR				+	VR			F	F	R	R
			19R-1, 25-27	168.25	F	MG	7	VF		MR						R	R	+									R	R		MR					VF				R	R				VR	VR				?				F	VF	R	R
			20R-1, 125-127	171.25	R	M	6				X					R	R	+																	VF	X			VR															F	VF	R	+
			21R-1, 68-70	180.28	A	VP	4																																																	
			22R-1, 13-15	189.33	tr		2																																																	
		?RP7	23R-1, 66-68	199.46	VR	M	2																																																
		?RP7	24R-1, 32-34	208.72	R	MG	5								X			X		X					?				?				X	X		X											X									
	CP9	?RP7	24R-2, 9-11	209.99	VR	MG	2																														?	?																	
		?RP7 /RP8	25R-1, 92-94	218.92	F	G	7	R							R	R	R									R	MR			+		VF				+	X							F	VR				+				R		R	
			25R-2, 64-66	220.14	tr		2																						?								X																		
			26R-1, 10-12	227.70	tr		2																						R																										
			27R-1, 10-12	237.30	C	G	2	R			–	–			R		R									R	R		R					+	R		R	R	R	R		?			R	+		R	R			?		
	?RP7		27R-1, 46-48	237.66	B		2																																																	
		RP7	27R-1, 108-110	238.28	A,R	VP,G	7	X							X		X	X						X		X							X		X							X		X							?	
			27R-3, 48-50	240.68	B		2																																																	
	CP8	RP7	27R-3, 86-88	241.06	A	VP	6	X	X		+				X		X	X		?				X		X						X	X		X	X							X		X			X					X		
		RP7	27R-3, 124-126	241.44	F	MG	3	R							X			F				R	MR			X			R			MR	F		R	F						X				R			+	R		
			27R-4, 54-56	242.24	tr		3																														X																		
			28R-2, 4-6	248.44	tr		4											X																																					
			29R-2, 114-116	259.14	tr		2																																																	
	CP5		32R-3, 0-2	288.40	tr		2																																																	
			33R-3, 112-114	299.02	B		2																																																	
		?RP6	34R-1, 88-90	305.48	A	VP	3																																																	
late Paleocene		?RP6	34R-3, 112-114	308.82	A	VP	3				X		X	X																	X																							
			34R-5, 90-92	311.50	B		2																																																	
	CP4	?RP6	35R-1, 145-147	315.65	A	VP	6				X	X	X	X																X	X									X														X
		?RP6	35R-3, 48-50	317.68	A	VP	5				X		?	X																X	X				X																				
		?RP6	35R-5, 78-80	320.98	A	VP	6				X		X	X					X											X	X				X	X																		X
		?RP6	36R-1, 19-21	323.99	C	VP	6					X																		X					X	X																		
			36R-3, 43-45	327.23	B		2																																																	
			36R-5, 22-24	330.02	B		2																																																	
early Paleocene	CP1-3		37R-1, 135-137	334.75	B		2																																																	
			37R-3, 39-41	336.39	B		2																																																	
		?	37R-6, 110-112	340.95	A	VP	6																																																	

Notes: Radiolarian abundances are shown as A = abundant, C = common, F = few, R = rare, VR = very rare, tr = trace, and B = barren. Radiolarian preservation is shown as G = good, MG = moderately good, M = moderate, and VP = very poor. A,R in the abundance column and VP, G in the preservation column indicate the presence of abundant very poorly preserved forms and rare well-preserved forms in the same sample. Species abundances are shown as C = common, F = few, VF = very few, MR = moderately rare, R = rare, + = single specimen, – = searched for but not found, ? = dubious identification, and X = present in undetermined quantities. Radiolarian zones determined only for isolated samples. Shaded rows indicate barren samples. See text for key to radiolarian zonal codes.