Ms 198SR-114, Table T4. Calcareous nannofossil stratigraphic range chart, Hole 1209A.

Core, section, interval (cm)	Depth (mbsf)	Preservation	Abundance	*Ahmuellerella alboradiata*	*Ahmuellerella regularis*	*Arkhangelskiella confusa*	*Arkhangelskiella cymbiformis*	*Arkhangelskiella maastrichtiana*	*Biscutum*? sp. (very small, with 2 perforations)	*Broinsonia signata*	*Bukrylithus* cf. *B. ambiguus*	*Ceratolithoides amplector*	*Ceratolithoides arcuatus*	*Ceratolithoides indiensis*	*Ceratolithoides kamptneri*	*Ceratolithoides longissimus*	*Ceratolithoides pricei*	*Ceratolithoides* cf. *C. self-trailiae* (with short apical cone)	*Ceratolithoides self-trailiae*	*Ceratolithoides ultimus*	*Chiastozygus* sp. (with indistinct, subaxial cross)	*Corollithion*? *madagaskarensis*	*Cretarhabdus conicus*	*Cribrocorona gallica*	*Cribrosphaerella ehrenbergii*	*Cyclagelosphaera reinhardtii*	*Cylindralithus nudus*	*Cylindralithus sculptus*
198-1209A-																												
25H-6, 123–124	235.43	M	M-H		C	F		F			R												F	C	C		F	
26H-1, 120–121	237.40	M	H		F	R					R			F			R			R			F	C	C		C	F
26H-2, 120–121	238.90	M	H		F	R		R			R	F											F	C	C		F	F
26H-3, 120–121	240.40	P-M	H		F							F			F		R		R				R	C	C		C	F
26H-4, 120–121	241.90	M	H		F	R	R					C							R				R	C	C		F	F
26H-5, 120–121	243.40	M	H		F		R				F	F		R			F						F	C	C		F	C
26H-6, 120–121	244.90	P-M	H		R				R		R	F					R		R				R	F	C		C	F
26H-7, 46–47	245.66	M	H		F	R	F	R				F		R	F		F						R	C	C		C	F
27X-1, 120–121	246.90	M	H		F	R	R		R		F	C												F	C		C	F
27X-2, 120–121	248.40	M	H		R	R	R				F	F	R								R		F	F	C		C	F
27X-3, 120–121	249.90	M	H	R	F		R	R				R		C										F	C		F	F
27X-4, 119–120	251.39	M	H		F			R			F	F							F			R	F	F	C		F	
28X-1, 120–121	252.10	M	H		F			R	F	R	F	F		C					F			F	F	R	C		C	F
28X-2, 120–121	253.60	P-M	H		F		R	R			F	F		C		R	R	F					F	F	C	R	C	C
28X-3, 120–121	255.10	M	H		C			R	F	R	F	R		F					F		F	F	F	F	C		C	F
28X-4, 119–120	256.59	M	H		F			F	R	R	F	F		F					F		R	R	F	F	C		C	F

Core, section, interval (cm)	*Cylindralithus serratus*	*Cylindralithus*? *nieliae*	*Discorhabdus ignotus* (including very small forms)	*Eiffellithus gorkae*	*Eiffellithus parallelus*	*Eiffellithus turriseiffelii*	*Helicolithus anceps*	Holococcolith? sp.	*Lapideacassis asymmetrica*	*Lapideacassis* sp. (end view)	*Lithraphidites carniolensis*	*Lithraphidites praequadratus*	*Lithraphidites quadratus*	*Loxolithus armilla*	*Manivitella* cf. *M. pemmatoidea* (small form)	*Manivitella pemmatoidea*	*Microrhabdulus decoratus*	*Microrhabdulus undosus*	*Micula cubiformis*	*Micula murus*	*Micula praemurus*	*Micula prinsii*	*Micula staurophora*	*Micula swastica*	Nannolith? sp.
25H-6, 123–124	C	F	R			F	C				R	F	F	F		R	F	F	F	C		C	F	C	
26H-1, 120–121	F					F						R	F				R	F	R	F			F	C	
26H-2, 120–121	F					F					R		R	F		R		C	F	F	R	R	F	F	
26H-3, 120–121	F			R		F	R				R		R	R		R	R	F	F	F		F	F	C	
26H-4, 120–121	F					F	R			R	R					F		C	F	F		R	F	C	
26H-5, 120–121	F					C							F			F	R	C	R	F			F	C	R
26H-6, 120–121	C					F	F				R		F				R	C	F	F			F	F	
26H-7, 46–47	C					C			R		F	F					R	C	R	F			F	C	
27X-1, 120–121	F	F		R		F	C				F		F			R		C	F	F			F	C	
27X-2, 120–121	C	R				F	C				F		F	R	R		F	C	F	R			R	C	
27X-3, 120–121	F	R		R	F	C	C				F	R	F		R	R	F	F		F			F	F	
27X-4, 119–120	F	F				F	F				R		F	R			F	F	F					C	
28X-1, 120–121	F	F	R		F	F	F	R			F	R	F			R	F	F	R	F			R	F	
28X-2, 120–121	C	F		F		C	F	R			F	F		F		F	F	C	F	F			F	F	
28X-3, 120–121	R	F		R	R	F	F	R		R	R	R	F				F	F					F	C	
28X-4, 119–120	C			R		F	R				F	F	R			R	R	C	F	F	R		F	F	

Core, section, interval (cm)	*Perchnielsenella stradneri*	*Placozygus* cf. *P. fibuliformis*	*Placozygus fibuliformis*	*Prediscosphaera cretacea*	*Prediscosphaera* cf. *P. grandis*	*Prediscosphaera grandis*	*Prediscosphaera microrhabdulina* (spine only)	*Prediscosphaera ponticula*	*Prediscosphaera stoveri*	*Pseudomicula quadrata*	*Quadrum svabenickae*	*Repagulum*? cf. *R. parvidentatum*	*Retecapsa angustiforata*	*Retecapsa crenulata*	*Retecapsa ficula*	*Retecapsa schizobrachiata*	*Retecapsa surirella*	*Rhagodiscus angustus*	*Rhagodiscus* cf. *R. gallagheri*	*Rhagodiscus indistinctus*	*Rhagodiscus reniformis*	*Rhagodiscus splendens*	*Rotelapillus crenulatus*	*Rucinolithus*? *magnus*	*Rucinolithus*? sp. (with 8 straight rays)	*Staurolithites laffittei*	*Tegumentum lucidum*	*Tegumentum stradneri*	*Tetrapodorhabdus decorus*	*Tranolithus minimus*
25H-6, 123–124	F	F	F	C	F	R	F	R	R	F			F	F		C	F			F	F	F				R		R*	C	F
26H-1, 120–121	R			C	R	R	F	F		F			R	C			F			R									F	
26H-2, 120–121	F			C	R		F	C		F			F	F			F			F									F	
26H-3, 120–121	F	F		C	F	F		C	R	R			F	C		R	C			F									F	
26H-4, 120–121	R	F		C	F		R	R	R	F	R		C	C		R	F		R	F						R	R		C	
26H-5, 120–121		F		C	R			R	R	R			F	C		R	F			F									C	
26H-6, 120–121	R	F		C				F	F	F			C	C			F												C	
26H-7, 46–47	F	F		C	R			F	F	F			F	C	F	R	F			F				R*					C	
27X-1, 120–121	C	F		C	F		F	F	F	F			C	F		F	C			F	R					F			C	
27X-2, 120–121	F		R	C	R		F	R	C	R			C	C		R	C			C					R				C	
27X-3, 120–121	F	F	F	C	R	R	F	F	F	F		R	C	C		F	C	R		C	F					R		R	C	
27X-4, 119–120	F	C	R	C	R	R		F	F	F			C	C		F	F			F	F	F	F			R		R	C	
28X-1, 120–121		F	F	C	F			F	F	R			C	C	R	F	F	F		F	R	F	F			R			C	
28X-2, 120–121		F	R	C	F	R		C	F	F			C	C		F	C	F		F	F	F	R			F	F	R	C	
28X-3, 120–121	R	C	F	C		R		F	F	F			C	C	F	F	C	F	R	F	R	F	F			F		F	C	
28X-4, 119–120	F	F	F	C	R		R	F	F	R			C	C	F	F	C	R		C	F	F				F	R		C	

Core, section, interval (cm)	UFO 2	*Uniplanarius clarkei*	*Uniplanarius* cf. *U. gothicus* (small form)	*Uniplanarius gothicus*	*Watznaueria barnesiae*	*Watznaueria bayackii*	*Watznaueria biporta*	*Watznaueria manivitiae* s.l.	*Watznaueria manivitiae* s.s.	*Watznaueria ovata*	*Watznaueria quadriradiata*	*Zeugrhabdotus* cf. *Z. embergeri* (very highly birefringent, ragged form)	*Zeugrhabdotus embergeri*	*Zeugrhabdotus* cf. *Z. erectus*	*Zeugrhabdotus praesigmoides*	*Zeugrhabdotus sigmoides*	Blades/rods	Nannofossil event	Nannofossil event after Burnett (1998) and reproduced in Lees (2002)	Nannofossil event after Sissingh (1977, 1978) and Perch-Nielsen (1985)	Stage after Burnett (1998) and reproduced in Lees (2002)
25H-6, 123–124			F	R	C	R		C	F							R	C	unreworked Cret. taxa present	UC20d^{TP}	CC26b	upper Maastrichtian
26H-1, 120–121		R		R	C		F	C	R				F					FO *C. ultimus*			
26H-2, 120–121				R	A		F	C	R								C				
26H-3, 120–121					A		F	C	R												
26H-4, 120–121					A		F	C	F				R					FO *M. prinsii*			
26H-5, 120–121					A		F	C		R									UC20c^{TP}	CC26a	
26H-6, 120–121					A		R	F	R						R	R					
26H-7, 46–47					A			F	F			R						FO *C. kamptneri*			
27X-1, 120–121					C			F					R		R	R			UC20b^{TP}	CC25c	
27X-2, 120–121					A		R	C	F				R		R	R					
27X-3, 120–121					A	R	F	F	R				F					LO *T. stradneri*			
27X-4, 119–120					A	F	R	F	R				F	R		F					
28X-1, 120–121	R				C	F	R	C	F	R	R		F	R	R						
28X-2, 120–121					A			C	R	F	R		F	F		F					
28X-3, 120–121					C	R		F	R	R			R	R		F					
28X-4, 119–120	R				A	R	F	C	R		R		R	F	R	F	C	*M. murus*, *L. quadratus* present			

Notes: Species abundance: A = abundant (>10 specimens per field of view [FOV]); C = common (1–10 specimens per FOV); F = few (1 specimen per 2–10 FOV); R = rare (1 specimen per 11–100 FOV). ? = questionable occurrence. Total nannofossil abundance: H = high (>80%); M = moderate (40%–80%). Preservation: M = moderate; P = poor. * = taxa interpreted as reworked upsection. Age-diagnostic taxa are shaded. FO = first occurrence, LO = last occurrence.