

CALCAREOUS NANNOFOSSIL EVENTS IN THE LOWER AND MIDDLE CRETACEOUS

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A meeting of nannofossil workers interested in the Lower and Middle Cretaceous was held at B.R.G.M., Orléans, France on 2-5 May, 1979. A summary of the nannofossil events for the Lower and Middle Cretaceous considered to be important by those present is given below. It represents the current opinion on the relative position of calcareous nannofossil events. Both boreal and tethyan species, including the nannoconids, were discussed and are included in the table.

It is proposed to publish this table together with comments as a calcareous nannofossil contribution to the International Geological Congress, Paris, 1980. It is important, therefore, that any errors, ambiguities, or revised opinions on the relative positions of these species events, should be corrected before this paper is completed.

All such comments, revised opinions etc. should be sent to K. Perch-Nielsen, Geological Institute ETH (prior to 1. okt. 1979) Sonneggstr. 5, CH-8006 Zürich, Switzerland

NANNOCONUS EVENTS	Nannoconus Zones (Deres & Acher., 1972)	CHRONO-STRATIGRAPHIC UNITS	Nannofossil Zones (Sissingh, 1977)	NANNOFOSSIL EVENTS
N. multicaudus N. minutus, N. truittii	7	CONIACIAN	13	Lithastrinus septenarius
		TURONIAN	12	Marthasterites furcatus
N.sp. 92 & 93 ** N.sp. 92 & 93 ** N. dauvillieri	6	CENOMANIAN	11	Eiffellithus eximius
			10	Quadrum gartneri Crucellipsis chiesta Lithraphidites acutum, Microrhabdulus decoratus
		ALBIAN	9	Corollithion completum, Prediscosphaera ponticola
			8	Hayesites albiensis, Crucicribum anglicum Eiffellithus turriseiffeli s.l.
N.sp. 92 & 93 ** N. boletus, N. calpidomorphus, N. quadriangulus	5	ALBIAN	7	Tranolithus phacelosus
			6	Prediscosphaera columnata
N. wassallii	4	APTIAN	B	Braarudosphaera africana
			3	Conusphaera mexicana, Micrantholithus obtusus Eprolithus antiquus * Eprolithus floralis, Rhagodiscus angustus
N. boletus, N. calpidomorphus, N. borealis*, N. bucheri, N. kampt, N. bermudezii, N. colomii, N. globulus, N. steinmannii	3	APTIAN	A	
			2	Chiastozygus platyrhethus, Rucinolithus irregularis
N. truittii N. abundans	2	BARREMIAN	6	Calcicalathina oblongata
			5	Lithraphidites bollii
N. abundans, N. borealis*, N. bucheri, N. elongatus, N. wassallii	1	BARREMIAN	4	Crucellipsis cuvillieri, Speetonia colligata Lithraphidites bollii Eprolithus antiquus* Chiastozygus striatus
			3	
N. minutus N. brönnimannii	0	VALANGINIAN	4	
			3	Micrantholithus speetonensis* Diadorhaombus rectus Micrantholithus speetonensis*, Tubodiscus verenae Diadorhombus rectus Calcicalathina oblongata
N. bermudezii, N. colomii, N. kamptneri	0	VALANGINIAN	2	Speetonia colligata Cretarhabdus crenulatus
			1	Polycostella beckmannii Crucellipsis cuvillieri, M. obtusus, Polycostella senaria
N. globulus N. brönnimannii, N. steinmannii Nannoconus spp.	0	BERRIASIAN	1	Lithraphidites carnioleensis, Stephanolithion laffittei
			TITHONIAN	

L FIRST OCCURRENCE, ▢ LAST OCCURRENCE; * nomen nudum (see Perch-Nielsen, in print), ** Deres & Acheriteguy 1972