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Corrections to

Biostratigraphy and facies of Paleogene deep-water deposits at Gams (Gosau Group, Austria)

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In the last volume of the *Annalen* the above cited version of EGGER et al. was published. Due to technical problems during printing the vertical lines in the distribution charts of the plankton have been omitted. Thereby zonal boundaries of calcareous nannoplankton and foraminifera are not visible anymore. By this incident the interpretation of sections in the Paleogene of the Gams Basin was lost.

The reproduction of figures 4, 6, 8, and 10 should help to clarify the uncertainties of the above cited investigation.

	03/48	03/49	03/46	03/43	03/39	03/39e	03/44e	03/45	03/35	03/06	03/07	03/18	03/21	03/22	03/23	03/24	03/25	03/27	03/29	03/30
Nannoplankton Zone	2		4					9		10a			10b		10c	10d	11		12	
Tribrachiatus orthostylus B																			x	x
Tribrachiatus orthostylus A																	x	x		
Tribrachiatus contortus																x				
Tribrachiatus digitalis													x	x						
Tribrachiatus bramlettei										x	x	x	x	x	x					
Rhomboaster cuspis												x								
Discoaster lodoensis																			x	x
Discoaster gemmifer																				x
Discoaster binodosus											x	x	x	x		x	x	x	x	
Discoaster barbadiensis											x		x		x	x	x		x	x
Discoaster multiradiatus								x	x	x	x	x	x	x	x	x	x	x		
Discoaster lenticularis										x	x	x	x		x	x	x			
Discoaster mediosus											x	x	x							
Discoaster mohleri										x		x								
Discoaster falcatus										x	x	x								
Fasciculithus mitreus								x												
Fasciculithus tympaniformis					x	x	x	x			x	x	x							
Fasciculithus ulii			x		x		x													
Fasciculithus bitectus					x	x														
Fasciculithus pileatus					x	x	x													
Heliolithus kleinpellii								x				x		x			x	x		
Ellipsolithus macellus			x	x	x	x					x	x	x	x	x	x	x	x	x	
Ellipsolithus distichus					x	x	x			x	x	x	x	x						x
Sphenolithus radians																	x		x	x
Sphenolithus anarrhopus				x	x					x	x	x		x	x	x	x			
Zygrhablithus bijugatus											x	x	x	x	x	x	x	x	x	x
Campylosphaera eodela											x	x	x	x	x	x	x			

Fig. 4: Calcareous nannoplankton distribution of the Gamsbach section.

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	03/48	03/49	03/46	03/43	03/39	03/39e	03/44e	03/45	03/35	03/06	03/07	03/18	03/21	03/22	03/23	03/24	03/25	03/27	03/29	03/30
Nannoplankton Zone	2		4					9		10a			10b		10c	10d	11		12	
Chiasmolitus consuetus											x	x	x	x	x	x	x	x	x	
Chiasmolithus bidens								x	x	x	x	x	x	x	x	x	x	x	x	x
Chiasmolithus danicus			x	x	x		x													
Cruciplacolithus subrotundus				x	x	x														
Cruciplacolithus primus	x	x	x	x																
Cruciplacolithus edwardsii					x									x						
Cruciplacolithus tenuis	x	x	x	x	x	x	x						x				x			
Coccolithus pelagicus	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Ericsonia subpertusa	x	x	x																	
Ericsonia robusta	x		x	x	x	x	x						x							
Markalius apertus													x	x	x				x	
Markalius inversus			x			x							x				x			
Neochiastozygus saepes			x		x		x													
Neochiastozygus junctus											x	x	x	x			x	x		
Neochiastozygus distentus												x								
Neochiastozygus perfectus				x	x		x										x			
Neochiastozygus primitivus	x	x																		
Placozygus sigmoides	x	x	x		x	x	x													
Neocrepidolithus sp.	x	x	x		x	x	x													
Scapholithus apertus													x							
Toweius gammation																			x	x
Toweius eminens								x		x	x	x	x		x		x			x
Prinsius bisulcus	x		x			x														
Biscutum constans			x		x	x	x					x	x	x			x			
Pontosphaera sp.											x	x	x	x			x			
Rhabdospaera spp.												x	x	x	x	x	x	x	x	x
Thoracosphaera spp.	x	x	x	x		x	x	x			x		x		x		x			x

Fig. 4: continued.

Section GG-75 sample no. / position above Cretaceous / Paleogene boundary	Rö 18/88 top Cretaceous	Rö 101/86/1A 0.0–0.5 cm	Rö 101/86/1B 0.5–0.7 cm	Rö 19-88 4 cm	Rö 103/86 10–15 cm	Rö 20/88 15–22 cm	Rö 21/88 25–30 cm	Rö 22/88 50–55 cm	Rö 23/88 65–70 cm	Preisinger 77.0–78.5 cm	Rö 24/88 80–85 cm	Rö 25/88 86–95 cm	Rö 26/88 95–100 cm	Rö 27/88 100–110 cm	Rö 28/88 127–133 cm	Rö 30/88 151–160 cm	Rö 31/88 181–186 cm	Rö 32/88 200–205 cm	Rö 33/88 250–255 cm	Rö 35/88 350–550 cm	Rö 36/88 550–555 cm	Rö 38/88 675–680 cm	Rö 40/88 800–805 cm
Parvularugoglobigerina eugubina	Maastrichtian A. mayaroensis Zone	Reworking of Upper Cretaceous	Reworking of Upper Cretaceous	cf	x	x	x	x	Agglutinated assemblage	x	x	x	x	x	Agglutinated assemblage		x	x	x	Marl pebble layer and slump	x	x	x
Globoconusa daubjergensis				cf		cf				x	cf		x	x		x	x	x	x		x	x	x
Parvularugoglobigerina sabina				Bathyal benthic assemblage	x	x	x			x		x	x	x		x	x	x	x		x	x	x
Eoglobigerina edita					x			x		x	x	x	x	x			x	x	x		x	x	
Parasubbotina cf. pseudobulloides					x			x		x		x				x	x	x	x			x	x
Subbotina triloculinoides					cf								x	x		x		x				x	x
Guembelitria cretacea					x	x	x	x		x	x		x	x		x	x	x	x		x	x	
Woodringina claytonensis					x			x		x	x	x	x	x		x	x	x	x		x	x	x
Woodringina hornerstownensis					x			x		x		x	x	x		x	x	x	x		x	x	x
Chiloguembelina midwayensis					x		x			x		x	x	x		x		x	x			x	x
Chiloguembelina morsei						x				x	x		x	x		x	x	x	x			x	x
Parasubbotina pseudobulloides										x		x		x								x	
Eoglobigerina eobulloides											x	x	x	x		x		x	x		cf	x	
Subbotina trivialis													x	x		x	x		x			x	x
Praemurica pseudoinconstans														x		x						x	
Praemurica taurica														x								x	
Biostratigraphic Zonation		P0			Pα								P1a										

Fig. 6: Gams, Knappengraben, Cretaceous-Paleocene boundary section GG-75. Distribution of planktonic foraminifera and biostratigraphic zonation.

Sample	60/78	65/78	66/78	67/78	69/78	70/78	71/78	72/78	284/Z	285/Z	286/Z	287/Z	288/Z	290/Z	293/Z	295/Z	296/Z	297/Z
Eoglobigerina eobulloides	x		x	x														
Eoglobigerina edita	x	x	x	x		x	x	x										
Parvularugoglobigerina eugubina	x	x	x	x	x	x	x											
Subbotina triloculinoides	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
Subbotina trivialis	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
Parasubbotina pseudobulloides	cf	cf	x	x	x	x	x	x	x	x	x		cf	cf	cf		cf	
Globanomalina archaeocompressa	x	x																
Globanomalina planocompressa		x		x	x	x			x									
Praemurica pseudoinconstans			x	x	x	x	x	x	x	x	x	x	x	x	x			
Globoconusa daubjergensis			x	x	x	x	x		x	x	x	x	x	x				
Chiloguembelina midwayensis			x			x	x		x	x	x	x	x	x	x	x		
Parasubbotina varianta				x	x	x	x	x		x	x	x		x	x	x	x	x
Globanomalina compressa				x	x		x	x	x	x	x	x	x	x	x			
Eoglobigerina spiralis					x	x			x	x	x	x		x	x			
Chiloguembelina morsei					x	x		x		x		x	x					
Praemurica inconstans					x		x	x		x	x	x	x	x	x			
Chiloguembelina subtriangularis					x						x		x		x	x		
Globanomalina imitata							x						x		x			
Subbotina triangularis										x	x	x	x	x	x	x	x	x
Subbotina velascoensis												x				x	x	
Globanomalina ehrenbergi												x	x	x				
Praemurica uncinata													x					
Morozovella conicotruncata													x				x	
Morozovella angulata														x		x	x	x
Subbotina cancellata															cf	x	x	x
Globanomalina chapmani																x	x	x
Globanomalina pseudomenardii																x	x	
Parasubbotina variospira																x	x	
Morozovella aequa																x	x	x
Morozovella apanthesma																x	x	x
Igorina albeari																x	x	
Igorina tadjikistanensis																x		
Subbotina inaequispira																	x	
Morozovella velascoensis																	x	
Morozovella acuta																	x	x
Morozovella gracilis																		x
Biostratigraphic Zonation	P1b–c				P2								P3			P4		P5

Fig. 8: Krautgraben section. Distribution of planktonic foraminifera and biostratigraphic zonation.

Sample	564/16	564/15	564/14	564/13	564/12	564/11	564/10	564/9	564/8	564/7	564/6	564/5	564/4	564/3	564/2	564/1
Subbotina trivialis	x	x	x													
Subbotina triloculinoides	x	x	x	x	x	x	x	x	x		x	x	x	x		x
Parasubbotina varianta	x	x	x	x	x	x	x	x	x	x		x	x	x		x
Parasubbotina pseudobulloides	x	cf	x	x	x	x	x		x	x		x	x	x		
Praemurica pseudoinconstans	x	x	x					x				x	x	x		
Globanomalina compressa	x		x				x	x				x				
Subbotina triangularis			x		x		x	x	x	x	x	x	x	x		x
Morozovella angulata				x	x	x	x	x	x	x			x			
Morozovella apanthesma				x	x	x		x	x	x						
Globanomalina chapmani				x												
Globanomalina ehrenbergi				x			x	x	x							
Parasubbotina variospira				x		x										
Morozovella acuta						x										
Morozovella aequa						cf				cf			x			

Fig. 10: Sommerauer section. Distribution of planktonic foraminifera and biostratigraphic zonation.

Sample	564/16	564/15	564/14	564/13	564/12	564/11	564/10	564/9	564/8	564/7	564/6	564/5	564/4	564/3	564/2	564/1
Praemurica inconstans							x	x		x		x	x	x		
Morozovella conicotruncata									x							
Praemurica uncinata							x						x			
Morozovella subbotinae										x	x					
Acarinina mckannai											x					
Morozovella gracilis													x			
Acarinina subspaerica													x			
Globanomalina imitata													x			
Biostratigraphic Zonation	P2			P3	P3–4	P4	P3–4			P5		P3a	P5	P3a	?	

Fig. 10: continued.