PLATE 11

Chart showing the regional and stratigraphical distribution of ammonites in the Albian of Spitsbergen with a summary of the faunal subdivision

EXPLANATION:

Asterisk* above locality number indicates that the ammonites have not been collected *in situ*.

Zi: Zillerberget Member
La: Langstakken Member
Inn: Innkjegla Member
C: Carolinefjellet Formation

Solid circle: Ammonites definitely assigned to the indicated fauna.
Open circle: Ammonites doubtfully assigned to the indicated fauna.

Proleymeriella sp. from locality 37 is probably older than the Freboldiceras fauna.

Positions of localities																																								
AREAS		Ulladalen						Suessbreen								Trekløveren		Tromsøbreen	Staupbreen			Jemelianovbreen						Kjølberget			Braganzavågen								
LOCALITIES		6	1	3	2	4	5*	14	7	8	9*	13	12*	10	11*	15*	16*	17	20*	18*	19*	26*	25*	21*	22	23	24	27	28	29*	37	38	30*	31*	34	32	35	36	33*
Positions in the rock sequence	Stratigraphical unit	Inn.	Inn.	Inn.	Inn.	Zi.	Zi.	Inn.	Inn.	Inn.	Inn.	Zi.	Zi.	Zi.	Zi.	C.	C.	C.	C.	C.	C.	Inn.?	Inn.?	Zi.	Zi.	Zi.	Zi.	Zi.	Zi.	Zi.	Inn.	La.	La.	Zi.	Zi.	Zi.	Zi.	Zi.	Zi.
	Position, in metres, below the base of Tertiary	ca. 320	220	202	172	86	17	ca. 350	344	312	296	175	134	84	9	?	?	595	ca.310	ca.170	ca. 150	ca.650	ca. 650	ca.438	402	372	370	250	220	30	270	205	114	80	45	35	30	26	21
Distribution of species	Eoqaudryceras inaequale																	+																						
	Grantziceras cf. affine								+													+																		
	G. cf. glabrum	+																																						
	Brewericeras cf. hulenense				+																																			
	Proleymeiella sp.																														+									
	Leymeriella (Leymeriella) germanica																	+					+																	
	Grycia sablei												+	+	+		+							+	+	+	+	+	+											
	G. whittingtoni													+											+	+	+	+												
	G. sp.																																		+					
	Hoplites (Isohoplites) cf. eodentatus																								+															
	Hoplites (Hoplites) svalbardensis n.sp.											+													+		+	+												
	H. (Hoplites) off. obtusus																												+											
	H. (Hoplites) sp. A												+																											
	H. (Hoplites) sp. B													+																										
	Hoplites ? sp. C						+																																	
	H. ? sp. D																																			+				
	H. ? sp. E																																							+
	Euhoplites sp. A																			+																				
	E. sp. B																		+																					
	Otohoplites guersanti					+																																		
	O. cf. guersanti					+																																		
	O. glyphus																+																							
	O. sp. A					+																																		
	O. sp. B																																	+	+					
	O. sp. C																																+				+	+		
	Dimorphoplites cf. tethydis																				+																			
	Freboldiceras singulare																						+																	
	F. remotum n. sp.								+									+														+								
	Archthoplites jachromensis		+	+	+						+												+																	
	A. birkenmajeri n.sp.							+		+						+		+														+								
	Gastroplites subquadratus n.sp.																		+																					
	G. sp. A																				+																			
	G. sp. B																													+										
Distribution of faunas	Species of Euhoplites Dimorphoplites Gastroplites																		●	●	●									●										
	Hoplites fauna						○					●	●	●	●	●								●	●	●	●	●	●		●	●				○			○
	Otohoplites fauna					●											●	○															●	●	●		●	●		
	Archthoplites fauna		●	●	●						●												●																	
	Freboldiceras fauna	○						●	●	●						●		●				○	●	○							○	●								