

Ober-Aalenium					Stufe	
untere Murchisonae-Zone					Ammonitenzone	
Lag 1	Lag 3	Lag 9	Lag 15	Lag 19	Probennummer	
					Dinoflagellatenzysten:	alphabetische Reihenfolge:
+	+				1 <i>Nannoceratopsis tricerias</i>	24 <i>Andreedinium elongatum</i>
+	?				2 <i>Scrinocassis limbicavatus</i>	6 <i>Batiacasphaera</i> sp. A in Feist-Burkhardt & Pross 2010
+	+				3 <i>Valvaedinium brevipellitum</i>	7 <i>Batiacasphaera</i> sp. B in Feist-Burkhardt & Pross 2010
++		?			4 <i>Evansia?</i> cf. <i>granochagrinata</i>	13 <i>Dodekovia bullula</i>
+		+			5 <i>Valvaedinium sphaerechinatum</i>	4 <i>Evansia?</i> cf. <i>granochagrinata</i>
+++	++		++		6 <i>Batiacasphaera</i> sp. A in Feist-Burkhardt & Pross 2010	19 <i>Hystrichodinium?</i> sp.
+			+	+	7 <i>Batiacasphaera</i> sp. B in Feist-Burkhardt & Pross 2010	8 <i>Kallosphaeridium praussii</i>
+	+	+	++	++	8 <i>Kallosphaeridium praussii</i>	9 <i>Mancodinium semitabulatum</i>
+	++			+	9 <i>Mancodinium raileanui</i>	20 <i>Moesiodinium raileanui</i>
++	++		++	+	10 <i>Nannoceratopsis gracilis</i> s.str.	27 <i>Nannoceratopsis ambonis</i>
+	++	++	+	+++	11 <i>Nannoceratopsis plegas dictyornata</i>	21 <i>Nannoceratopsis</i> cf. <i>senex</i>
++	+++	++	+	++	12 <i>Nannoceratopsis</i> spp.	18 <i>Nannoceratopsis dictyambonis</i>
	+			+	13 <i>Dodekovia bullula</i>	10 <i>Nannoceratopsis gracilis</i> s.str.
	+		+	+	14 <i>Nannoceratopsis plegas plegas</i>	11 <i>Nannoceratopsis plegas dictyornata</i>
	+	+	+	+	15 <i>Scrinocassis priscus</i>	14 <i>Nannoceratopsis plegas plegas</i>
	+	+	++	++	16 <i>Sentusidinium</i> spp.	17 <i>Nannoceratopsis</i> sp. B in Feist 1987
		+	++		17 <i>Nannoceratopsis</i> sp. B in Feist 1987	12 <i>Nannoceratopsis</i> spp.
		+		+	18 <i>Nannoceratopsis dictyambonis</i>	1 <i>Nannoceratopsis tricerias</i>
			+		19 <i>Hystrichodinium?</i> sp.	28 <i>Ovalicysta hiata</i>
			+		20 <i>Moesiodinium raileanui</i>	29 <i>Reutlingia cardobarbata</i>
			+		21 <i>Nannoceratopsis</i> cf. <i>senex</i>	22 <i>Reutlingia hirsuta</i>
			+		22 <i>Reutlingia hirsuta</i>	2 <i>Scrinocassis limbicavatus</i>
			+		23 <i>Witnaudinium minutum</i>	15 <i>Scrinocassis priscus</i>
			+	+	24 <i>Andreedinium elongatum</i>	16 <i>Sentusidinium</i> spp.
			+	++	25 <i>Susadinium scrofoides</i>	25 <i>Susadinium scrofoides</i>
			+		26 <i>Valvaedinium</i> spp.	3 <i>Valvaedinium brevipellitum</i>
			+		27 <i>Nannoceratopsis ambonis</i>	5 <i>Valvaedinium sphaerechinatum</i>
			+		28 <i>Ovalicysta hiata</i>	26 <i>Valvaedinium</i> spp.
			+		29 <i>Reutlingia cardobarbata</i>	23 <i>Witnaudinium minutum</i>
					andere aquatische Palynomorphe:	
	+			+	<i>Botryococcus</i>	
+	+	+	+	+	<i>Cymatiosphaera</i> spp.	
+	++	++	+++	+	Foraminiferentapeten, spiralig	
			+	+	<i>Fromea tomatilis</i>	
+		+	+	+	<i>Hystrichosphaeridium?</i> <i>deflandrei</i>	
+	+	+	+	+	<i>Kalypteia halosa</i>	
+		+			<i>Lunulidia</i> sp. in Gocht 1964	
+++	+++	+++	+++	+++	<i>Michrystidium</i> spp./ <i>Baltisphaeridium</i> spp.	
				+	<i>Pterospermopsis</i> spp.	
?					<i>Schizocystia rara</i>	
+++	+++	+++	++	++	<i>Tasmanites</i> s.l.	
					Pollen & Sporen:	
			+		<i>Acanthotriletes varius</i>	
	+			+	<i>Araucariacites australis</i>	
+++	+++	+++	++	++	bisaccate Pollenkörner	
+	+	+	+	+	<i>Callialasporites dampieri</i>	
				+	<i>Callialasporites microvelatus</i>	
+	+	+			<i>Callialasporites segmentatus</i>	
+	+		+	+	<i>Callialasporites turbatus</i>	
++	++	++	+	+	<i>Cerebropollenites mesozoicus</i>	
		+			<i>Chasmatosporites apertus</i>	
++	++	+	+	+	<i>Chasmatosporites hians</i>	
++	++	++	++	++	<i>Classopollis torosus</i>	
++			+		<i>Classopollis torosus</i> Tetrade	
++	++	++	++	++	<i>Concavisporites</i> spp.	
	+				<i>Deltoidospora australis</i>	
		+			<i>Deltoidospora minor</i>	
				+	<i>Dictyophyllidites mortoni</i>	
+	++	+++	+++	+++	<i>Exesipollenites scabratus</i>	
+		+	+		<i>Foveosporites</i> spp.	
	+				<i>Ischyosporites variegatus</i>	
	+	+			<i>Kekryphalospora distincta</i>	
		+		++	<i>Leptolepidites verrucatus</i>	
				+	<i>Laevigatosporites</i> spp.	
+	+	++	+	+	<i>Lycopodiumsporites austroclavatidites</i>	
+	+			+	<i>Lycopodiumsporites clavatooides</i>	
	+	+		+	<i>Lycopodiumsporites reticulumsporites</i>	
		+	+		<i>Lycopodiumsporites semimuris</i>	
	+				<i>Matonisporites crassiangulatus</i>	
	+				<i>Microreticulatisporites</i> spp.	
	+	+		+	<i>Osmundacidites wellmanii</i>	
+++	+++	+++	++	+++	<i>Perinopollenites elatoides</i>	
+	+	+	+	+	<i>Quadraeculina anellaeformis</i>	
				+	<i>Sphaeripollenites</i> spp.	
+		+			<i>Staplinisporites caminus</i>	
	+				<i>Todisporites minor</i>	
		++		+	trilete Sporen (undifferenziert)	
+			+		<i>Trilites rariverrucatus</i>	
					aufgearbeitete Palynomorphen:	
+		+	+	+	<i>Densosporites</i> spp. (-> Devon-Trias)	

+ = präsent
 ++ = häufig
 +++ = sehr häufig
 DDDD = dominierend

Anlage 4:
Lägeren
Range-Chart