

Type area: Eisenerzer Alpen, Polster area; ÖK50-UTM, map sheet 4215 Eisenerz (ÖK50-BMN, map sheet 101 Eisenerz).

Type section: Not designated; FLAJS & SCHÖNLAUB (1976) presented a comprehensive description of a section along the track below the material lift from the foot station (N 47°31'52" / E 14°58'29") to the Leobner Hütte (N 47°37'00" / E 14°57'42"), ÖK50-UTM, map sheet 4215 Eisenerz (ÖK50-BMN, map sheet 101 Eisenerz).

Reference section(s): -

Derivation of name: After the mountain Polster (1,910 m; N 47°31'11" / E 14°58'28"), ÖK50-UTM, map sheet 4215 Eisenerz (ÖK50-BMN; map sheet 101 Eisenerz).

Synonyms: "Untere Polsterkalke" (FLAJS & SCHÖNLAUB, 1976); "Rötlicher Bankkalk vom Typus der Polsterkalke" (SCHÖNLAUB, 1982a).

Lithology: At the section mentioned above from bottom to top (FLAJS & SCHÖNLAUB, 1976):

3 m bluish grey to violet sparry limestones (similar to the Silurian Orthoceratid Limestones; some meters of "Rohwand" (= metasomatic ankeritic mineralization) intercalated with 3–4 m greenish and violet schists. The bulk is made up of 45–50 m variegated limestones (light grey to pinkish flamed, ± bedded, weakly banded dense limestone with intercalation of dark, more sparry limestone). In the upper parts 5 m thick "Rohwand" and a band of green schists occur.

Fossils: Conodonts.

Origin, facies: Pelagic environment.

Chronostratigraphic age: (?)uppermost Silurian–lowermost Devonian (Lochkovian).

Biostratigraphy: *Icriodus woschmidti* – *I. postwoschmidti* Zone in the upper parts of the unit (FLAJS & SCHÖNLAUB, 1976).

Thickness: Around 65–70 m; the upper variegated part: 45–50 m (FLAJS & SCHÖNLAUB, 1976).

Lithostratigraphically higher rank unit: -

Lithostratigraphic subdivision: -

Underlying unit(s): Orthoceratid Limestone.

Overlying unit(s): Crinoid-Stromatoporeid Limestone.

Lateral unit(s): Flaser Limestones.

Geographic distribution: E-GWZ; Styria, Eisenerzer Alpen.

Remarks: -

Complementary references: TOLLMANN (1977), SCHÖNLAUB (1979, 1980a, 1982a), EBNER et al. (1989), SCHÖNLAUB & HEINISCH (1993).

Crinoiden-Stromatoporen-Kalke / Crinoid-Stromatoporeid Limestone

FRITZ EBNER

Validity: Invalid; informal working term (FLAJS & SCHÖNLAUB, 1976).

Type area: Eisenerzer Alpen, Polster area, ÖK50-UTM, map sheet 4215 Eisenerz (ÖK50-BMN, map sheet 101 Eisenerz).

Type section: Not designated; FLAJS & SCHÖNLAUB (1976) presented a comprehensive description of a sec-

tion along the track below the material lift from the foot station (N 47°31'52" / E 14°58'29") to the Leobner Hütte (N 47°37'00" / E 14°57'42"), ÖK50-UTM, map sheet 4215 Eisenerz (ÖK50-BMN, map sheet 101 Eisenerz).

Reference section(s): -

Derivation of name: Named after the rock forming fossils.

Synonyms: "Crinoiden-Stromatoporen-Horizont" (FLAJS & SCHÖNLAUB, 1976).

Lithology: Dm-bedded, light grey and weakly banded limestones made up of recrystallized fragments of stromatoporeids (2–30 cm) within a sparry matrix of crinoidal detritus.

Fossils: Stromatoporeids, crinoids, conodonts.

Origin, facies: Allodapic limestones.

Chronostratigraphic age: Lower Devonian (Lochkovian–(?)Emsian) (FLAJS & SCHÖNLAUB, 1976).

Biostratigraphy: -

Thickness: 10–40 m.

Lithostratigraphically higher rank unit: -

Lithostratigraphic subdivision: -

Underlying unit(s): Lower Polster Limestone (FLAJS & SCHÖNLAUB, 1976); Flaser Limestones.

Overlying unit(s): Upper Polster Limestone, Flaser Limestones.

Lateral unit(s): -

Geographic distribution: E-GWZ; Styria, Eisenerzer Alpen, Polster area.

Remarks: -

Complementary references: TOLLMANN (1977), SCHÖNLAUB (1979, 1980a, 1982a), EBNER et al. (1989), SCHÖNLAUB & HEINISCH (1993).

Obere Polsterkalke / Upper Polster Limestone

FRITZ EBNER

Validity: Invalid; informal working term (FLAJS & SCHÖNLAUB, 1976).

Type area: Eisenerzer Alpen, Polster area, ÖK50-UTM, map sheet 4215 Eisenerz (ÖK50-BMN, map sheet 101 Eisenerz).

Type section: Not designated; FLAJS & SCHÖNLAUB (1976) presented a comprehensive description of a section along the track below the material lift from the foot station (N 47°31'52" / E 14°58'29") to the Leobner Hütte (N 47°37'00" / E 14°57'42"); ÖK50-UTM, map sheet 4215 Eisenerz (ÖK 50-BMN, map sheet 101 Eisenerz).

Reference section(s): -

Derivation of name: After the mountain Polster (1,910 m; N 47°31'11" / E 14°58'28") in the Präbichl area; ÖK50-UTM, map sheet 4215 Eisenerz (ÖK50-BMN, map sheet 101 Eisenerz).

Synonyms: -

Lithology: Light violet and pinkish-violet flaserlimestones and banded limestones with layers of up to 60 cm thick organodetritic (stromatoporeids, crinoids) limestones in their lower parts. The uppermost parts, 4 m thick, consist of grey sparry limestone (FLAJS & SCHÖNLAUB, 1976).

Austrian Stratigraphic Chart 2004 - Paleozoic

(sedimentary successions)

Austrian Stratigraphic Commission



ERA	SYSTEM / PERIOD / SERIES / EPOCH	STAGE / AGE	DURATION Ma	Global Classification					
				ERATHM / ERA	SYSTEM / PERIOD / SERIES / EPOCH				
PALEOZOIC	PERMIAN	CHANGHSINGIAN / Dorashanian	251	PERMIAN	MID PERMIAN / GUADALUPIAN				
		WUCHIAPINGIAN / Dzhulfian	255						
		CAPITANIAN	260						
		WORDIAN	265						
		ROADIAN	270						
		PERMIAN	LOWER PERMIAN / CISURALIAN			KUNGURIAN	275		
						ARTINSKIAN	280		
						SAKMARIAN	285		
						ASSELIAN	290		
		PERMIAN	UPPER PERMIAN / CARBONIFEROUS			GZHELIAN	295	PERMIAN	LOWER PERMIAN / CISURALIAN
KASIMOVIAN	300								
MOSKOVIAN	305								
BASHKIRIAN	310								
PERMIAN	UPPER PERMIAN / CARBONIFEROUS			SERPUKHOVIAN	315				
				VISEAN	320				
					325				
PERMIAN	LOWER PERMIAN / MISSISSIPPIAN			TOURNAISIAN	330	PERMIAN	LOWER PERMIAN / MISSISSIPPIAN		
				335					
				340					
		345							
		350							
		355							
		359.2							
		365							
		370							
		375							
PERMIAN	UPPER DEVONIAN	FAMENNIAN	365	PERMIAN	UPPER DEVONIAN				
		FRASNIAN	370						
		375							
		380							
		385							
		390							
		395							
		400							
		405							
		410							
PERMIAN	LOWER DEVONIAN	EMSIAAN	395	PERMIAN	LOWER DEVONIAN				
		EIFELIAN	400						
		405							
		410							
		415							
		420							
		425							
		430							
		435							
		440							
PERMIAN	SILURIAN	LUDFORDIAN / GORSTIAN	416	PERMIAN	SILURIAN				
		HOMERIAN / SHEINWOOD	420						
		TELYCHIAN	425						
		AERONIAN	430						
		RHUDDANIAN	435						
		HIRNANTIAN	440						
		443.7							
		445							
		450							
		455							
PERMIAN	UPPER ORDOVICIAN	ORDOVICIAN	445	PERMIAN	UPPER ORDOVICIAN				
		450							
		455							
		460							
		465							
		470							
		475							
		480							
		485							
		488.3							
PERMIAN	MIDDLE ORDOVICIAN	DARRIWILIAN	465	PERMIAN	MIDDLE ORDOVICIAN				
		470							
		475							
		480							
		485							
		490							
		495							
		500							
		505							
		510							
PERMIAN	LOWER ORDOVICIAN	TREMA-DOCIAN	485	PERMIAN	LOWER ORDOVICIAN				
		490							
		495							
		500							
		505							
		510							
		515							
		520							
		525							
		530							
CAMBRIAN	UPPER CAMBRIAN	PAIBIAN	500	CAMBRIAN	UPPER CAMBRIAN				
		505							
		510							
		515							
		520							
		525							
		530							
		535							
		540							
		542							
CAMBRIAN	MIDDLE CAMBRIAN	CAMBRIAN	MIDDLE CAMBRIAN	CAMBRIAN	MIDDLE CAMBRIAN				
						505			
						510			
						515			
						520			
						525			
						530			
						535			
						540			
						542			
CAMBRIAN	LOWER CAMBRIAN	CAMBRIAN	LOWER CAMBRIAN	CAMBRIAN	LOWER CAMBRIAN				
						500			
						505			
						510			
						515			
						520			
						525			
						530			
						535			
						540			
542									



- Legend**
- pelagic, offshore, siliciclastic
 - pelagic, nearshore, calcareous
 - shallow marin, neritic
 - terrestrial-continental, coarse clastic
 - terrestrial-continental, fine clastic
 - evaporite (chloride, sulphate)
 - rhyolite, dacite
 - (basaltic) andesite, trachyandesite
 - basalt
 - phyllite
 - mixed-facies (in corresponding colors)
 - coal (may include several seams)
 - ? position/age doubtful/controversial
 - | equal units
 - \ older unit left \ younger unit right
 - hiatus
 - unconformity
 - GSSP
 - Fm. Formation
 - Ls. Limestone

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Cutout and English adaptation of the "Die Stratigraphische Tabelle von Österreich 2004": Geological Survey of Austria

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