

Reference section(s): Bischofalm, Tristanköpfel (SCHÖNLAUB, 1969a); Mount Findenig (PÖLSLER, 1969a).

Derivation of name: After Mount Hoher Trieb (SCHÖNLAUB, 1969a).

Synonyms: Formazione di Monte Lodin (SELLI, 1963); "20m-Bank" (PÖLSLER, 1969a: Tab. 1, 4, p. 366); gebankte Kalke mit Lydit (PÖLSLER, 1969a: Tab. 1, 4, p. 366); Blockhorizont (PÖLSLER, 1969a: Tab. 4, p. 369); massiger Kalk mit verkieselten Korallen (PÖLSLER, 1969a: Tab. 1); Hoher Trieb-Kalk (SCHÖNLAUB, 1981); tentaculite pelagic limestone [partim] (SPALLETTA & VENTURINI, 1989); Hoher Trieb Formation (HÜNEKE, 2006: p. 154).

Lithology: Flaser and platy limestone with clay and chert layers (KREUTZER, 1992b).

Fossils: Cephalopods, conodonts, corals, crinoids, trilobites, stromatoporoids; silicified corals and stromatoporoids of Mount Findenig are known since FRECH (1894).

Origin, facies: Marine limestone, pelagic unit (Pelagic Carbonate Facies).

Chronostratigraphic age: Eifelian–Givetian (age constraint follows the conodont analysis and zonation from equivalent strata of Mount Findenig by PÖLSLER, 1969a: Tab. 1).

Biostratigraphy: -

Thickness: 30–40 m.

Lithostratigraphically higher rank unit: -

Lithostratigraphic subdivision: -

Underlying unit(s): Findenig Limestone (conformable contact).

Overlying unit(s): Pal Limestone (unconformable contact).

Lateral unit(s): Freikofel Limestone, Pal Limestone, Valentin Limestone.

Geographic distribution: Carnic Alps.

Remarks: -

Complementary references: SCHÖNLAUB (1991), VAI (1998), SCHÖNLAUB & HISTON (2000), SCHÖNLAUB et al. (2004).

Valentin-Kalk / Valentin Limestone

THOMAS J. SUTTNER, ERIKA KIDO

Validity: Invalid; the name of this unit was introduced on the map of SCHÖNLAUB (1971–1973); conodont stratigraphy by SCHÖNLAUB (1980b) and GÖDDERTZ (1982); lithological description by SCHÖNLAUB (1985a); mentioned by KREUTZER (1990, 1992a); summary of unit is provided by KREUTZER (1992b: p. 30–31); facies analysis (HÜNEKE, 2001, 2006; SCHÖNLAUB et al., 2004: p. 59).

Type area: ÖK50-UTM, map sheets 3109 Oberdrauburg, 3110 Kötschach-Mauthen, 3111 Spittal an der Drau, 3116 Sonnenalpe Naßfeld, 3117 Nötsch im Gailtal (ÖK50-BMN, map sheets 197 Kötschach, 199 Hermagor).

Type section: -

Reference section(s): Obere Valentinalm, Wolayer "Glacier" section (SCHÖNLAUB et al., 2004: p. 59); sections 13 km NE of Paluzza (Malpasso, Poccis, Pramosio, Rio Boreado) (PERRI & SPALLETTA, 1998a: p. 116, 118, 119).

Derivation of name: After the Valentin Törl between Lake Wolayer the Valentin Valley (SCHÖNLAUB, 1980b: p. 45).

Synonyms: "Grauer Styliolinen-Flaserkalk" (BANDEL, 1974: p. 96); Pramosio calcirudite (SPALLETTA & PERRI, 1998a).

Lithology: Well bedded limestones (wackestone), nodular phosphorite horizon (at Givetian/Frasnian boundary).

Fossils: Brachiopods, conodonts, echinoderms, gastropods, ostracods, styliolinids, trilobites (SCHÖNLAUB et al., 2004: p. 59).

Origin, facies: Marine limestone, Pelagic Carbonate Facies (POHLER & SCHÖNLAUB, 2001).

Chronostratigraphic age: Eifelian–Givetian.

Biostratigraphy: *costatus* to lower *hassi* conodont zones (GÖDDERTZ, 1982; SCHÖNLAUB et al., 2004: p. 60–61).

Thickness: 15 m.

Lithostratigraphically higher rank unit: -

Lithostratigraphic subdivision: -

Underlying unit(s): Findenig Limestone (conformable contact).

Overlying unit(s): Pal Limestone (unconformable contact).

Lateral unit(s): Hohe Trieb Formation, Zollner Formation.

Geographic distribution: Carnic Alps.

Remarks: -

Complementary references: PÖLSLER (1969a, b), BANDEL & BECKER (1975), SCHÖNLAUB (1985b, 1999), JOACHIMSKI et al. (1994), SCHÖNLAUB & KREUTZER (1994b), PERRI & SPALLETTA (1998a), SPALLETTA & PERRI (1998b), SCHÖNLAUB & HISTON (2000), VENTURINI (2006), HÜNEKE (2007), BRIME et al. (2008).

Feldkogel-Kalk / Feldkogel Limestone

THOMAS J. SUTTNER, ERIKA KIDO

Validity: Invalid; known since FRECH (1887); observed by BANDEL (1972); facies analysis by KREUTZER (1992a); included within the summary of the Variscan carbonate sequences in the Carnic Alps (KREUTZER, 1992b).

Type area: ÖK50-UTM, map sheets 3109 Oberdrauburg, 3110 Kötschach-Mauthen, 3111 Spittal an der Drau, 3116 Sonnenalpe Naßfeld, 3117 Nötsch im Gailtal (ÖK50-BMN, map sheets 197 Kötschach, 198 Weißbriach, 199 Hermagor).

Type section: -

Reference section(s): Feldkogel south of the village of Gundersheim (KREUTZER, 1992a: p. 272), N 46°37'16" / E 13°07'23".

Derivation of name: After Mount Feldkogel (KREUTZER, 1992a).

Synonyms: Dolomitische Schichten des Pollinigg (FRECH, 1887: p. 690).

Lithology: Algal laminite with dolomite layers (KREUTZER, 1992b).

Fossils: Conodonts, foraminifers, ostracods, stromatolites.

Origin, facies: Marine limestone, intertidal, neritic unit (Northern Shallow-water Facies).

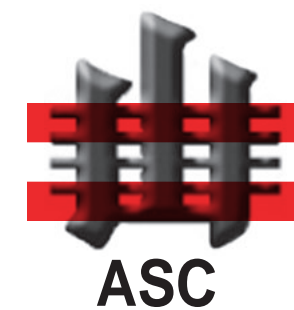
Chronostratigraphic age: Eifelian–Upper Devonian.

Biostratigraphy: Upper Devonian is based on the occurrence of *Palmatolepis* sp. from sediments of the Mooskofel (KREUTZER, 1990).

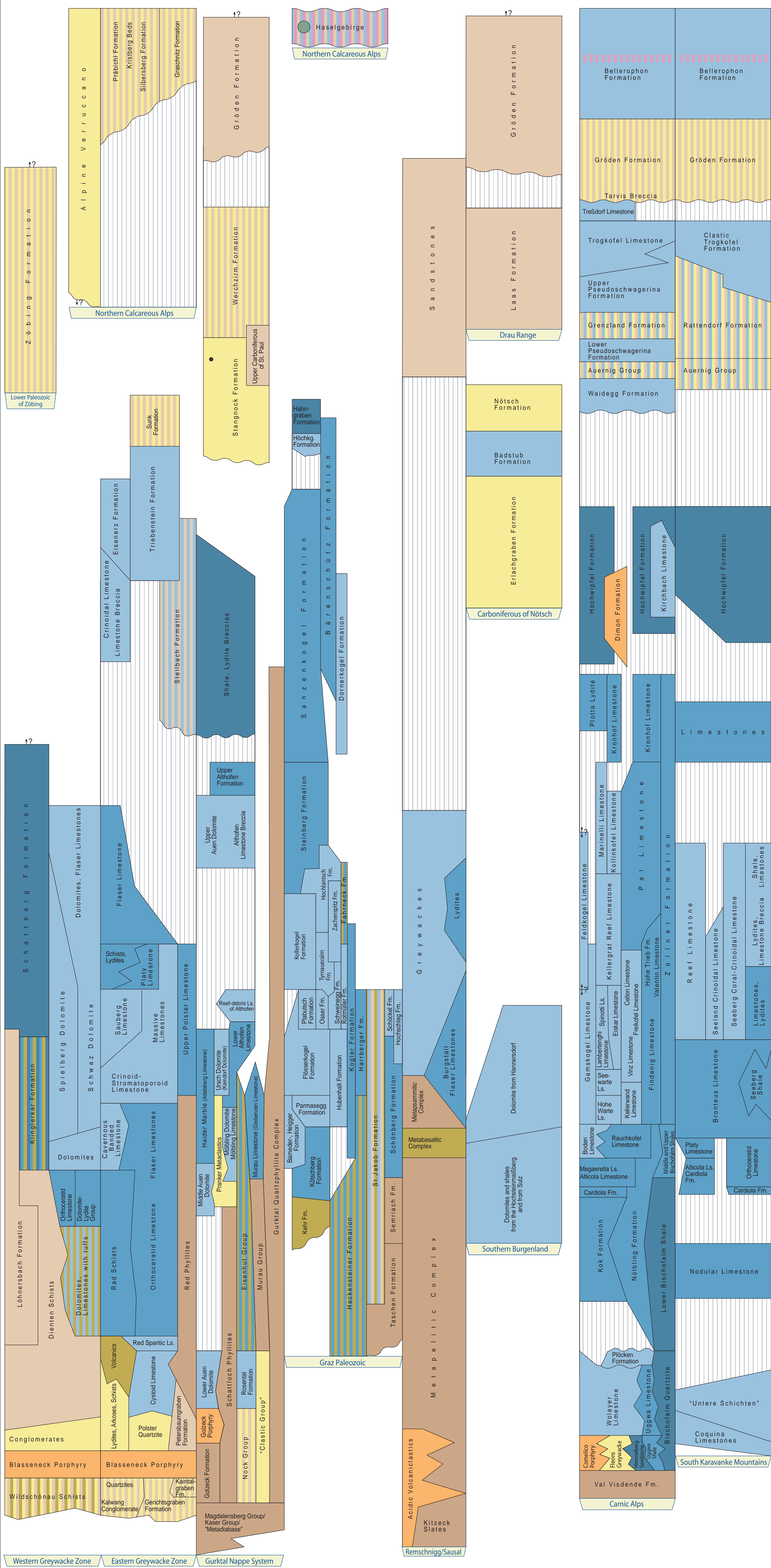
Austrian Stratigraphic Chart 2004 - Paleozoic

(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 / LOPINGIAN				
		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 / PENNSYLVANIAN			GZHELIAN	295	PERMIAN	LOWER PERMIAN / CISURALIAN
KASIMOVIAN	300								
MOSKOVIAN	305								
BASHKIRIAN	310								
PERMIAN	UPPER PERMIAN / CARBONIFEROUS / PENNSYLVANIAN			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	380	PERMIAN	UPPER DEVONIAN				
		FRASNIAN	385						
		GIVETIAN	390						
		EIFELIAN	395						
		DEVONIAN	MIDDLE DEVONIAN			Dalejian	400		
						EMSIAN	405		
		DEVONIAN	LOWER DEVONIAN			Zlichovian	410		
						PRAGIAN	415		
		PERMIAN	LOWER DEVONIAN			LOCHKOVIAN	420	PERMIAN	LOWER DEVONIAN
						425			
430									
435									
440									
443.7									
445									
450									
455									
460									
PERMIAN	UPPER ORDOVICIAN	LUDFORDIAN / GORSTIAN	465	PERMIAN	UPPER ORDOVICIAN				
		HOMERIAN / SHEINWOOD	470						
		TELYCHIAN	475						
		AERONIAN	480						
		RHUDDANIAN	485						
		HIRNANTIAN	490						
		495							
		498.3							
		499							
		500							
PERMIAN	MIDDLE ORDOVICIAN	DARRIWILIAN	505	PERMIAN	MIDDLE ORDOVICIAN				
		510							
		515							
		520							
		525							
		530							
		535							
		540							
		542							
		PERMIAN	LOWER ORDOVICIAN			TREMA-DOCIAN	545	PERMIAN	LOWER ORDOVICIAN
550									
555									
560									
565									
570									
575									
580									
585									
590									
PERMIAN	UPPER CAMBRIAN	PAIBIAN	595	PERMIAN	UPPER CAMBRIAN				
		600							
		605							
		610							
		615							
		620							
		625							
		630							
		635							
		640							
PERMIAN	MIDDLE CAMBRIAN	505	PERMIAN	MIDDLE CAMBRIAN					
		510							
		515							
		520							
		525							
		530							
		535							
		540							
		545							
		550							
PERMIAN	LOWER CAMBRIAN	555	PERMIAN	LOWER CAMBRIAN					
		560							
		565							
		570							
		575							
		580							
		585							
		590							
		595							
		600							



- 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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