

Section 8

The Rauchkofel Bodentörl Section (fig. 16)

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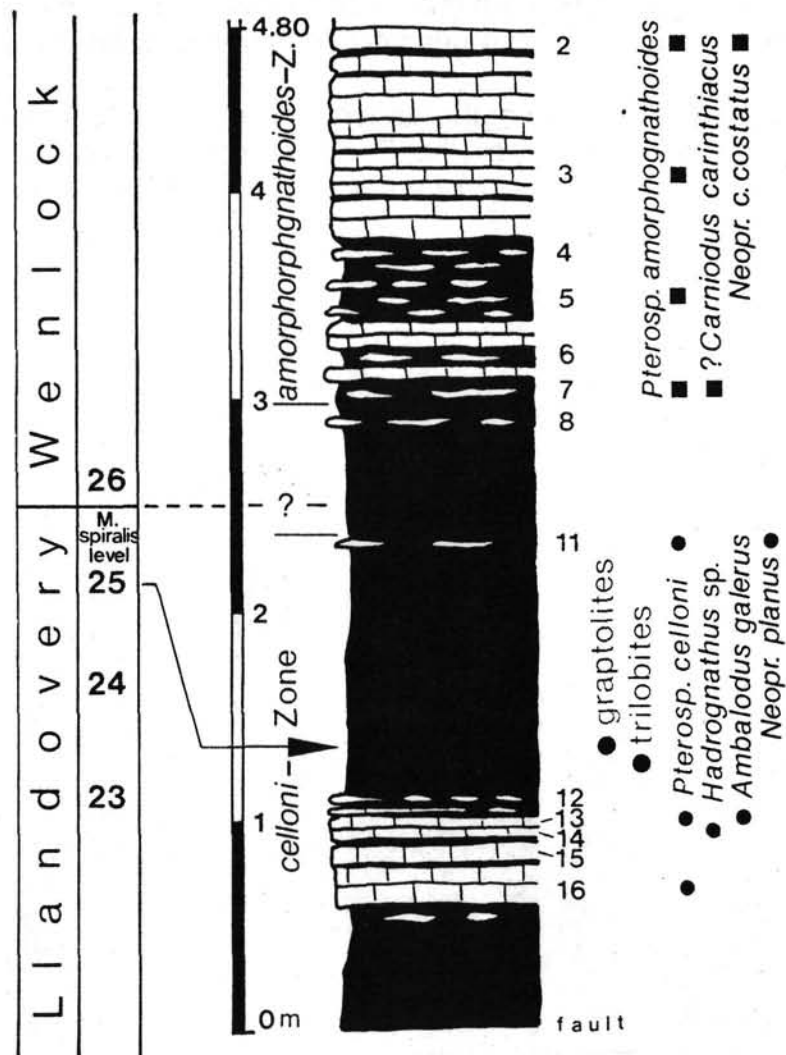


Fig. 16: The Rauchkofel Bodentörl Section after JAEGER & SCHÖNLAUB 1970, modied

The section at Bodentörl is exposed along the path from Lake Wolayer to Mount Rauchkofel; access is also possible from Valentin Törl. The short section comprises the lower part of the Kok Lst. named at Cellon previously the "Trilobite-Aulacopleura Beds".

The section has been famous for the common occurrences of graptolites, trilobites and conodonts. The graptolite fauna, found 1.30 m above the base, includes *M. curvus*, *M. priodon*, *M. retroversus*, *M. spiralis*, *M. grobsdorfiensis* ?, *M. vomerinus* ssp. indet. and *Ret. geinitzianus* cf. *angustidens*. According to H. JAEGER (in H. JAEGER et H.P. SCHÖNLAUB 1970) this fauna indicates the upper part of the *M. crenulatus* Zone of the late Llandovery.

The trilobites are poorly preserved. W. HAAS identified *Scharyia* n.sp., *Otarion* sp., *Phacops* sp., *Encrinurus* sp., *Dalmanites* sp. and n.gen. ex aff. *Eodrevermannia*.

Diagnostic *P. celloni* Zone conodonts were found in the lower part of the section (see fig. 16, sample nos. 16-11). They are associated with the above mentioned macrofauna of Upper Llandovery age. The succeeding *P. amorphognathoides* Zone occurs in sample nos. 7-2.

Graptolite and conodont data from the Bodentörl section led to the conclusion that the boundary between the *P. celloni* and the *P. amorphognathoides* Zones comes near to the Llandovery/Wenlock boundary. This agrees well with British sections.