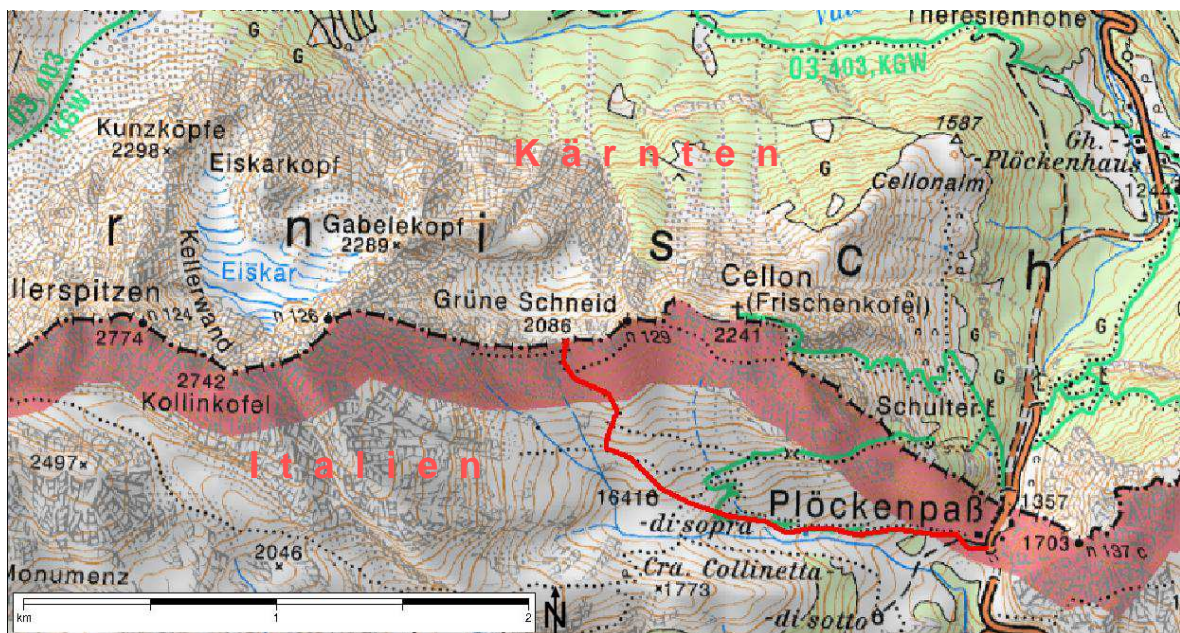


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Geotope 46: Grüne Schneid – Two Boundaries, One Rock

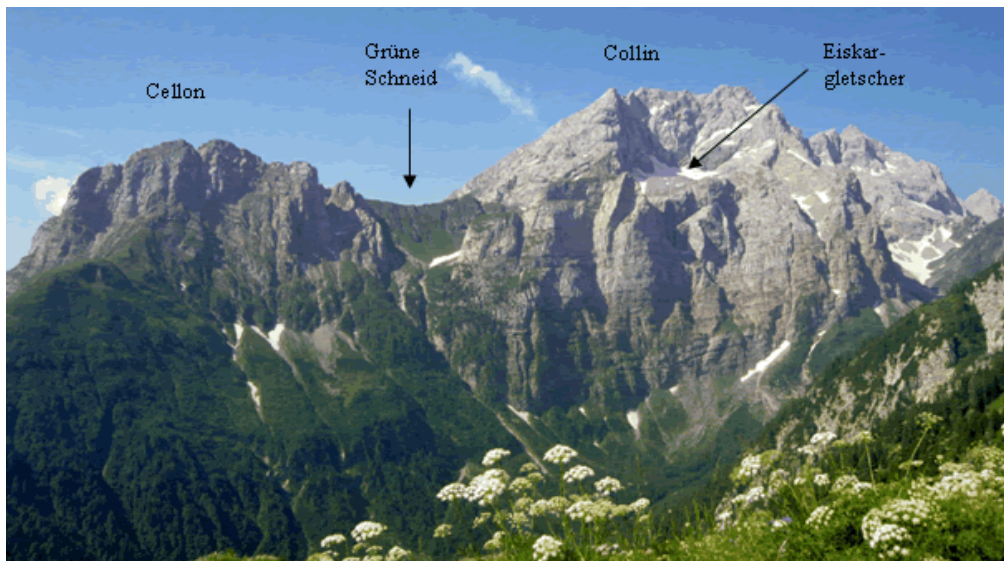


Red marking: Hiking route according to advance description; green tracks: hiking trails; ©BEV: Federal Office for Calibration and Measurement, 2005.

Access:

The trail starts on the Italian side of Plöckenpaß (Passo Monte Croce Carnico) where it deviates in northern direction to Grüne Schneid (Green Crest or Cresta Verde) at an altitude of 2140 m.

Description of the Geotope:



View from Hinterjoch towards south to Cellon, Grüne Schneid and Kolinkofel.

The name “Green Crest” is derived from the grass-covered slope on the Italian side which consists of shales and sandstones of the Carboniferous Hochwipfel Formation which cut into the limestone sequences of the mountains Cellon and Kolinkofel.



The boundary beds between the Devonian and the Carboniferous Periods.

During World War I the whole area of Cellon and its western continuation along the crest was subject of heavy battles, fortifications and trenches. After the war geologists started to study the

Devonian sequence and discovered not only uppermost Devonian limestones but also ammonoid-based Lower Carboniferous strata. In the meantime, also trilobites and conodonts were studied in great detail confirming the assumptions of previous geologists.

To date, the boundary between the Devonian and Carboniferous Periods is traced between the limestone subbeds 6C and 6D. On a global scale, the composition of the whole fauna including trilobites and ammonoids is changing at this time-marker