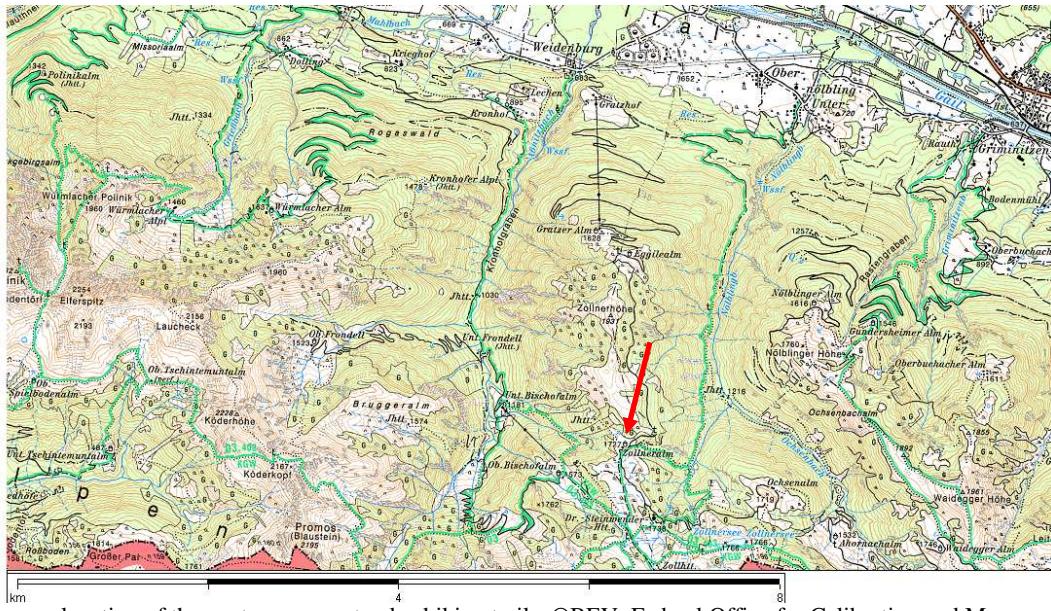


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Geotope 78: Rösser Hut



Red arrow: location of the geotope; green tracks: hiking trails; ©BEV: Federal Office for Calibration and Measurement, 2005.

Access:

The road to Rösser Hut starts in the small village of Weidenburg and extends over some 15 km to the hut. It is only opened during summer.

Description of the Geotope

The Rösser Hut represents the center of the mountain farming and grazing between Lake Zollner (1,766 m), Upper Bischofalm (1573 m) and mountain Zollner (1,931 m). The diversified landscape is shown in a panoramic panel in front of the hut. From the hut in the east the Naßfeld region and mountain Findenig can be viewed. To the south the plain of Collendiaul extends which is limited against southwest by the towering Hohe Trieb massif. Further in the west across the Kronhof Creek the meadow-covered shale mountains of Köderhöhe can be seen.



View of Rösser Hut from Collendiaul.

In the surroundings of Lake Zollner and Collendiaul rocks of Lower and Upper Paleozoic age are occurring. The first group represents the “basement”, the latter the “upper floor”. The contact between both groups is exposed at Geotope no. 37 and shown on the panel there. Mountain Hoher Trieb, the region around Bischofalm, the upper Nöllbling creek east of Rösser Hut and the pyramid-like summit of mountain Findenig comprise old rocks from the Ordovician (488 to 443 m.y. BP), Silurian (443 to 416 m.y. BP), Devonian (416 to 359 m.y. BP) and the Lower Carboniferous (359 to 318 m.y. BP). During this long time of more than 150 million years several hundred meter thick clayish, arenaceous and calcareous sediments were deposited at the sea-bottom together with the remains of organisms living in the sea. In the course of million years they were gradually lithified to compact shales and limestones and finally uplifted during mountain-building processes.

Some of these rocks will be met during the 4 km long Geotrail Zollner with its beginning at Zollner Hut proceeding to Lake Zollner, the hills next to the state border and the Collendiaul plain. During the walk the formation of the Alps will be explained, the everlasting struggle between sea and land, the formation and decay in nature – more than 300 million years ago!