

ABSTRACT

Glacial landforms in the Černé jezero Lake area, the Šumava Mts.

The aim of this work is to present the results of a geomorphological survey focused on the glacial part of the relief in the region of the Černé jezero Lake, the Šumava Mts. (the Bohemian Forest). The primary aim is to define a glacial segment of the relief, its partition into an accumulation part and a destruction part. The accumulation part is linked with the glacial accumulation occurrence and the erosion part is delimited with the headwall area and the cirque floor. The glacial origin of the identified landforms is determined on the basis of their morphology. The main used methods are: the morphometric and morphographic analysis (the analysis of the angle of slopes, slope aspect, hillshade, cross and longitudinal section), the geomorphologic mapping, the granulometric analysis, the ELA estimates, the Schmidt hammer test. A hypothesis about the Pleistocene development of this area was based on this analysis.