

ABSTRACT

The Quaternary Paleoecological Analysis of the Soos National Nature Reserve

The aim of this proposed diploma thesis is to describe the structure of diatom communities in the diatomite deposits of the Soos National Nature Reserve and compare the findings of this thesis with those of older publications. Another aim was to reconstruct the history of the basin trough with the outputs of diatom analysis accomplished in the 3,4 m long sediment profile. The similarity of diatom communities in individual diatomite types was also tested.

Key words: subfossil diatoms, Soos National Nature Reserve, paleolimnology, Late Glacial, Holocene