

ABSTRACT

The bachelor thesis is a review based on paleoecological research of mountain lakes in the Carpathian mountain region. The aim is to describe lake sediment archives and evaluate current studies and discuss possibilities of future research. This review of the current state of research suggests that there are many challenges and opportunities for future research in the Carpathians. The final part of this thesis is a list of lakes (potential objects of future analysis) with their parameters, including information about paleoecological analysis that have been done.

Keywords: Carpathians, Paleoecology, Paleolimnological records, Multi-proxy approach, Mountain lakes.