

ABSTRACT

This bachelor thesis is a literature review documenting the usage of subfossil Cladocera in paleoecological reconstruction. Its aim is to argue for subfossil Cladocera as an effective means of studying historical evolution of lakes and identifying significant processes which formed them over time. Furthermore, this literature review critically evaluates some of the most common approaches to reconstructing changes in climate, water levels, acidification, and eutrophication, and numerous issues they often encounter. The correct interpretation is vital because all the factors in the aquatic environment are connected. Despite some debate, subfossil Cladocera are an important aspect of paleoecological reconstructions with much possible utilization in future research.

Key words: subfossil Cladocera, paleoecology, reconstruction