

Abstract

The submitted doctoral thesis presents an introductory comment and a set of four publications focused on the revision of the Ordovician ostracods of the Prague Basin. The research of them was insufficient in past in contrast to the diversity and abundance of ostracod material recorded in this area. Major characteristics of the study group with a focus on morphology, ecology and history of research are discussed in the introductory chapters. In the following parts, the attention is paid to the ostracods of the Lower, Middle and Upper Ordovician of the Prague Basin and their comparison with assemblages of the other paleoregions.

The published papers are focused on the comprehensive revisions of the ostracods of the Klabava, Šárka and Králův Dvůr formations. The studies resulted in systematic monographs supplemented with a study on the ontogeny of the widespread species *Conchoprimitia osekensis* (Příbyl, 1979). The taxonomy, palaeogeography and overall diversity of studied Ordovician species are also included and discussed.