Abstract

This thesis summarizes the findings of lower Turonian ammonites of the Bohemian Cretaceous Basin (BCB). It presents an overview of the most important taxonomic species and their brief morphology and paleoecology. Marginally, it describes sedimentary facies of the BCB which belongs to the lower Turonian („Bílá Hora“ Formation). Part is devoted to determining the stratotype between Cenomanian and Turonian, to the events that occurred during this period (CTBE, OAE II) and their impact on biocoenosis of early Turonian ammonites. This thesis tries to comprehend the importance of ammonites biostratigraphy to define the Lower Turonian and basic ammonites zones, which belongs to this period. Defining stratotype Cenomanian / Turonian has not yet been satisfactorily resolved and this work is the basis for further research and study.

Key words: ammonite, Bohemian Cretaceous Basin, biostratigraphy, Turonian, paleoecology