

Abstract

The thesis focused anomalous development of gastropod shells from the Prague Basin. Geology of the Prague Basin is briefly discussed in the first part of the thesis, and morphological structure of shell. Discussion of shell morphology in gastropods and different types of shell anomalies forms a main part of the thesis. Morphology of the gastropod shell seems to be very useful paleoecological indicator because the shells record their lives during whole ontogeny. Result of the thesis is a complete list of gastropod species in which the anomalous development of shells was found.