

Abstract

The genus *Diplocynodon* is a basal alligatoroid with a range of endemic distribution in Europe. The oldest known finds are from Late Palaeocen and the youngest known finds are from Late Miocene. Fossils of this specimen are known also from the Czech republic. In the Master thesis were collected more than 600 finds, mostly fragmentary. In the collections of University of Vienna was found almost complete skull of probably genus *Diplocynodon darwini* from the Czech republic. The main goal of Master thesis is to make a complex catalogue of *Diplocynodon* material from the Czech republic.

Key words: Crocodylia, *Diplocynodon*, Czech republic