

## Abstract

The topic of my thesis is an overview of Late Paleozoic amphibians in the Czech Republic. Stegocephalians are ancient amphibians, which evolved in the Upper Devonian and were most prevalent during the Carboniferous and Permian, some species survived into the Cretaceous. They are highlighted in the amphibian system and their anatomy is briefly described. We divide them into two large groups - Labyrinthodontia and Lepospondyli who are different in many ways, which are briefly described in my work. Stegocephalian findings are limited only to sedimentation areas of basins and furrows, in the Czech Republic to the West Bohemian basins, Piedmont basins and Boskovická furrow. In the very list of species I have tried to describe the species representing most of the known groups. Information of some species are sketchy because there are few found fossil remains, findings are in most cases incomplete, and many of these species are still the subject of research.