

In the first part of my bachelor thesis Clavariaceae family is characterized in historical, morphological and ecological perspective and three main genera *Clavaria*, *Clavulinopsis* and *Ramariopsis* with clavarioid and ramarioid morphology of fruit body are described.

The second part surveys the development of their systematics and discusses the most important genera, which in certain phases of the system progress emerged in the Clavariaceae family. It also put emphasis on the characters that led the authors to their conclusions and on the development of the generic concept of the three mentioned clavarioid genera.

The third part summarizes older and recent knowledge on the diversity of the three mentioned genera in the Czech Republic on the basis of the literature data. Species that have been found in the Czech Republic are listed and are briefly characterized from an ecological perspective.