

This thesis is supposed to offer all the background to the teachers of biology and ecology of the Grammar Schools in Rakovník for the conducting of a natural historical seminary which most often takes place in the fourth grade with a view to ecology of Rakovník and its surroundings. The intention of this seminary is the expansion of now studied subject matter of ecology in the lessons of biology with a great emphasis on the connection of nature and ecology of Rakovník.

Considering the fact that there are no publications that examine this problem from the whole the searching for information about Rakovník and its surroundings in different sources and its subsequent utilisation in lessons of biology and ecology was very complicated and troublesome for the teachers.

This thesis aims to help the teachers with this problem. It expressively saves labour with the preparation for lessons and not only in above-mentioned seminary but also during the biology lessons in all grades. The connection of interpretation and the examples from the close surroundings can be a great motive to the students.

This natural historical seminary also has another targets. One of them is a spontaneous repeating of some chapters in biology studied in the lower grades, which is supposed to help students with their preparation for the school leaving exams and the entrance examination to the universities. Students also familiarise themselves with the elementary legislative concerning the environment. The main outline of the thesis starts from a textbook of Ecology and Protection of the Environment from Mr. Slégl, Mr. Kislinger and Mrs. Laníková published by publisher Fortuna in 2002. The seminary completes the elementary subject matter in this text book. These are following section: ecosystems, anthropoecology and the protection of nature in the Czech Republic. There is background prepared for ten separate seminaries.