

## **Abstract**

### **Didactic Methods used in Botany Teaching at Elementary Schools**

Diploma thesis concerns the topic of utilizing didactic methods in the education of botanic at the grammar schools. The thesis is divided into three parts.

In the first part, there are described chosen didactic methods and current classification of botanic in the „General education programme of the basic education system“. Furthermore, there is described past classification of the botanic in the „Education programme of Grammar school, General school and National school“.

Second part contains questionnaire results – pupils and teachers of botanic in the 7. grade of grammar school. The goal of the questionnaire was to find out, which teaching methods are used during the education of botanic, which methods are popular and unpopular with teachers as well as students and which methods are, according to the opinions of the teachers, effective and ineffective. Other goal of the questionnaire was to find out, if the teachers are using education programmes during lessons.

In the third part of the thesis, there is listed my own proposal of a lesson of a chosen topic in botanic, which I have based on the results of the questionnaires. To be specific, it's teaching about family of legumes plants (Fabaceae) utilizing many didactic methods without using method of explanation. It concerns work with a text, presentation in MS PowerPoint containing mainly pictures and photos, brainstorming at the topic of legumes and a worksheet serving to revise new knowledge.

**Key words:** didactic methods, general education programme, questionnaire analysis, lesson, legumes