

## **Abstract**

I have decided to include into my diploma thesis the history overview of the Botanical Garden. A number of major events and pitfalls accompanied the history of the garden. The chapter about the general characteristics of the Botanical Garden of Charles University Science Faculty is also comprised Inside my thesis. There are also mentions about the exposition distinction to greenhouse and outside part and also the significant geopark which offers the additional opportunities for education.

I am presenting here the offered programs of Botanical Garden for schools and the public without omitting the sample material offered to the visitors. I have also included the description of the innovative manner of interactive education of biology using the information boards and QR codes placed on these boards.

Considering the didactic usage of Botanical garden I have created the worksheets which complement the excursion plan. So I have comprised the excursion planning, creation of worksheets, assembling the questions and the pitfalls during their creation in the next chapters. Afterwards I have described the excursion execution itself, its evaluation and the possible modifications of worksheets.

The next chapters deal with the questionnaire designed for teachers of biology. I have concentrated in my teaching primarily on the usage of products of nature, worksheets and the visitations in botanical garden, whether students get the consolidation of their basic knowledge on the ground of some executed activity and whether students are interested in visiting the botanical gardens in general.

## **Keywords**

Botanical garden, broadleaf, plants, geopark, product of nature