

## **ABSTRACT**

This diploma thesis has aimed to elaborate a nature trail in the area of Klánovice Forest, which is the part of a nature park Klánovice – Čihadla in the eastern part of Prague and to complete the trail with electronic educational materials.

The nature trail itself will consist of tagg stops enabling visitors to download texts and materials into their cell phones or tablets. The texts of the stops are supplemented with educational presentations, school work sheets and field work sheets. The content of the stops and related teaching materials have been prepared in accordance with systematic teaching of natural history and biology at primary schools and lower grades of grammar schools. The thesis also contains the results of a questionnaire survey of pupils' attitudes towards the use of modern technology at class; 213 questionnaires have been evaluated in total in the years 2008, 2009, 2011 and 2013. The last part of the thesis and appendices contain own texts of stops and related educational materials.

In spring 2014 this trail will be realized and educational materials will become a part of the texts on the individual stops and will be available to wide public.

### **Key words:**

Klánovice Forest, field trip, nature trail, electronic educational materials