

## **Abstract**

The topic of the proposed thesis is the geographical origin of non-native species of plants in the Czech Republic and it deals with non-native plants while identifying their phyto-areas. The causes of introduction, plant characteristics as well as ecological consequences, gains and dangers for the biodiversity in the Czech Republic are also assessed.

The thesis is divided into two parts with first part dealing with a theoretical introduction in a form of a literary research on the geographic origin of non-original species of higher plants in the Czech Republic. Here, the basic terminology is discussed and so are specific issues. A chapter dealing with neo-phytes contains also a subsection on invasive plants, where it was necessary to stress their potential threat to ecosystems.

Second part is devoted to the application of the topic in the education of geography by creating a work sheet and by defining main terminology for high school students. The aim is to encourage students to think about which plants are important, where they come from and why and how they reached us. Likewise, it is important that students could reflex on how non-native plants may affect the ecosystem in which they had been introduced.