

Abstract

This Bachelor thesis is meant as a literature search concerned with invasions of phytophagous insects in Central Europe (mainly in the Czech Republic). I have summarized the findings from Czech and foreign studies dealing with this issue. Biological invasions are now a significant phenomenon. About 400 species of non-native insects occur in the Czech Republic, of which about half are phytophagous insects. In my Bachelor thesis I dealt with terminology that related to this subject, some more general regularities in the relationship of plants and insects, the primary areas of non-native insects, their pathways and their impact. I also chose few well-known representatives for better illustration and I trying to find out, which plants non-native insect attacks the most.

Key words: alien insects, phytophagous, plant, invasive