

## **Abstract**

Auchenorrhyncha are one of the species-richest groups of hemimetabolous insects. They feed mostly on plant sap and play an important role in food webs of various ecosystems; for humans, they are important mainly as pests of several crops. Because of their occurrence in many habitats, they are often preyed upon by number of predators, including both vertebrates and invertebrates. However, Auchenorrhyncha implement various anti-predator defences to avoid it.

This thesis summarizes available information about predation of Auchenorrhyncha and shortly deals with hunting behaviour of selected predators. In the second part, anti-predatory strategies and their occurrence in different Auchenorrhyncha groups are summarized. Furthermore, potential predators affected by those defences are discussed.