Abstract

This bachelor thesis focuses on the integration of the topic of rodents into science education at the lower secondary school level. The Framework Educational Programme allocates limited space to the study of mammals, which often leads to a superficial approach to this numerous and ecologically significant group of animals. The aim of this thesis is to create methodological support for teachers to help them prepare quality lessons on this topic.

The theoretical part of the thesis introduces the general characteristics of rodents, their importance for humans, the benefits they provide, as well as the damage they can cause. Selected rodent families occurring in the Czech Republic are described in more detail. The practical part includes the design and implementation of a model lesson on rodents, including its evaluation. The thesis also contains a worksheet designed for use in the environment of Prague Zoo, accompanied by methodological guidelines.

The outputs of this thesis may serve as a resource and inspiration for future teachers when preparing science lessons focused on the rodent group.

Keywords

rodents, Rodentia, characteristics, biology didactics, teaching materials, students' knowledge,