

ABSTRACT

The aim of this diploma thesis is to compare natural and human-influenced malacocenoses in the vicinity of the villages Krasíkov and Domaslav in the district of Tachov, Czech Republic.

Inventory research was conducted between 2012 and 2013. A total of 36 gastropod species were found, and a total of 1088 snail shells were collected. On some of the surveyed sites (the farm Krasíkov, Domaslav, the pond near Ovčí vrch) the influence of anthropic stress is evident. Four species found during this study are also listed in the Red List of Threatened Species of the Czech Republic (*Aegopinella nitidula*, *Balea perversa*, *Ena montana*, *Vertigo pusilla*).

Based on the results of the research, two variants of the didactic use of a such malacological research were created in the teaching of natural science and biology.

Keywords: Mollusca, Gastropoda, malacocenosis, species diversity, ecology of mollusk assemblages, Krasíkov.