

## ABSTRACT

This thesis examines the malacofauna of the Czechoslovak border fortification, with a particular emphasis on its potential use in a field trip for second-grade students. The artillery forts and infantry huts of the line fortifications from 1935–1938 form not only a dominant cultural and historical feature of the richly rugged landscape, but also act as "islands" in an otherwise unattractive environment for malacofauna, thus creating an interesting composition of mollusc communities. The objective of the study was to conduct an inventory collection at ten buildings in the vicinity of the Fortress Open Air Museum of Běloves, between the sites of Náchod - Běloves and Dobrošov, with the aim of assessing the local malacofauna.

A malacological survey was conducted in 2018, during which 29 species of gastropods belonging to 14 families were identified at ten sites. A total of 3483 individuals were recorded. Of interest is the occurrence of non-native, mostly synanthropic species, including *Boettgerilla pallens*, *Cepaea nemoralis* and *Arion vulgaris*. Furthermore, the presence of small representatives of *Vertiginidae*, should be mentioned, including *Truncatellina cylindrica* and species of the family *Hygromiidae*, *Trochulus hispidus* and *Trochulus sericeus*.

The didactic component of the thesis encompasses the design, verification, and evaluation of the pilot implementation of a historical and natural science excursion to the light fortification forts in Děčín, followed by subsequent laboratory work. The conclusion of the investigation shows that the utilisation of worksheets that facilitate the observation of the structural elements of the bunkers, the collection of malacological specimens, the examination of the morphology of *Helix pomatia*, the representation of species and the diversity of gastropod shells has led to an enhancement of the pupils' knowledge in the field of history and natural science. Finally, the excursion has emerged as a highly welcomed and popular educational format for primary school pupils.

**KEYWORDS:** gastropods, primary school, natural history, worksheet, laboratory activities