

Abstract

The name of the thesis: Practical exercises using the theme of tropical and subtropical fruits in teaching natural history and biology describe the basic issue that the following text is devoted to. This thesis is connected to my bachelor thesis, "Tropical Fruit in Natural History and Biology Textbooks," defended in 2010.

The main objectives of the thesis was to complete the contentual analysis of natural history and biology textbooks for the 2nd degree of primary schools, lower grades of grammar schools, and secondary schools. I focused on the issue of the incorrect inclusion of certain plants in chapters for tropical and subtropical fruits.

Based on the total contentual analysis of textbooks, I have chosen the processing of practical exercises with the theme of tropical and subtropical fruits as the main objective.

Based on the evaluation of the questionnaire, which served as a basis for practical exercises, in which teachers of natural history and biology were addressed, I was focused primarily on lab exercises, worksheets, proposals for project days, didactic games, and excursion worksheets, when creating the practical exercises. The subsequent objective was to verify one laboratory exercise in teaching.

The result of this thesis is not only a brief review of natural history and biology textbooks for the 2nd degree of primary schools, lower grades of grammar schools, and secondary schools, in terms of incorrectly included plants among tropical and subtropical fruits, but primarily the emergence of a set of practical exercises on the topic: Tropical and subtropical fruits, which can be used in teaching natural history and biology.