

The goal of my diploma work is to contribute to comprehension of biological teaching with the main emphasis on the theme „Boletales and their use in school praxis". In order to reach set goals, the thesis analyses scientific and popularly scientific literature, creates a scientific mycological part together with description and characteristics of observed standpoint. Other activities that were necessary to be undertaken include a preparation of mycofloristic rules, assuring of fotodocumentation of founded representatives appearing at the standpoint, monitoring and analysis of textbooks for secondary schools with respect to theme of teaching, preparation of results to be used for teaching, e.g. preparations of slides for lessons, making up a test with solution and evaluation, creating a working sheet - key to determination of cohort Boletales with evaluation and as conclusion interconnection with relations among subjects.

The outcome reflects the contemporary situation of secondary school textbooks. The mushroom systems are outdated. Related literature focuses on the theme of mushrooms marginally. Therefore, it is very demanding to manage the whole content of curriculum regarding planned range.