

Abstract: My thesis deals with the study of conditions that should shape the evolution of thinking of future college students. It's aim is to determine whether zoological knowledge gained by studying at secondary schools (especially with regard to their choice of a teaching method) is a sufficient basis for adopting an evolutionary way of thinking. For this thesis is questionnaire (test) for students of two selected state schools. I had tried to formulate the questions in such a way that the students were forced to express their own opinions and knowledge, not just learned facts of the subject matters. Questions were placed in a special order. Some were "hidden" focused on the causes and principles of evolution, others slightly diverted students' attention, especially from the didactic point of view, so that students would not understand the exact intent of this questionnaire. The aim was to determine to what extent the ideas of students approximate to a generally accepted definition of evolution. The results were compared with similar studies.

Keywords: evolution, definition of evolution, generally accepted evolution, analysis of textbooks, questionnaire, U Libeňského zámku grammar school, Litoměřická grammar school I, 4th grade students