

Abstract:

This thesis is about the pedagogical transformation of modern scientific knowledge from the field of palaeoanthropology and evolution anthropology to the teaching about human at the first and high schools in the Czech Republic. The main objective of this thesis (realised through four constituent research studies) is to analyse and to describe this complex and multilevel process. The first step was the content analyse of 32 textbooks. We also analysed the framework of the whole process. We realise questionnaire survey among 217 teachers and also interview with 10 teachers. The last research study about student's attitude and knowledge was questionnaire survey among 660 students. We found that there are no serious obstacles in the teaching of (human) evolution from the field of believers in the Czech Republic like in some other countries. It takes usually few decades to get new findings and conceptions into the textbooks, despite it some exceptions exist. Teachers seem to be the key participants of the process of pedagogical transformation. It is not only about the information they teach in their lessons but also about the way how they teach and about the attitude the build-up towards the topic among their students.