

Traditional useful plants as cultural heritage in the teacher training of future science teachers (Poster)

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This paper examines the issue of teaching about traditional useful plants within the context of science education. Useful plants are now regarded as part of cultural heritage; they help to shape cultural identity and regional traditions. The role of education in this regard is irreplaceable. However, how well prepared are trainee teachers for these challenges? The main aim of this study is therefore to assess the level of knowledge among trainee teachers regarding traditional crops of economic importance, such as flax, millet, poppy, turnip, buckwheat and others, as well as medicinal plants. The use and cultivation of medicinal plants is a deeply rooted folk tradition, which is studied in many countries as part of cultural heritage. This study also assesses students' knowledge of the practical uses of traditional plants in everyday life. Based on empirical data (obtained from a questionnaire survey of 87 students), the study proposes specific didactic recommendations for practice in the development of scientific literacy and environmental awareness regarding traditional useful plants amongst trainee teachers. As part of the testing, the students' interest in learning more about these useful plants was also examined.

