



11th INTERNATIONAL CONFERENCE ON BIODIVERSITY RESEARCH
Daugavpils, 20 – 21 October 2022

Daugavpils University
Institute of Life Sciences and Technology

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STATUS, TRIGGERS, AND PROSPECTS OF THE INVASION OF CHINESE SLEEPER
(*PERCCOTTUS GLENII*) IN LATVIA

Škute Natalja, Pupins Mihails, Nekrasova Oksana, Tytar Volodymyr, Čeirāns Andris, Marushchak
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HOW DO FUTURE PRIMARY SCHOOL TEACHERS FACE THE PROBLEM OF BIODIVERSITY LOSS RELATED TO FOOD CONSUMPTION?

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In this work we describe a short didactical intervention, based on problem-based learning approach, about the loss of biodiversity related to food consumption. It was implemented in a program of future teachers training, and was aimed at promoting that future Primary school teachers recognize the relationships between food consumption and loss of biodiversity, as well as at increasing their intentions to act and their competences in Education for Sustainable Development (ESD). Three instruments were designed and analyzed within the methodological framework of qualitative content analysis: the identification of the problem sheet and the conclusions report, as well as an activity design sheet in which, each future teacher designs an activity to involve children in this issue. The results show that, although the future teachers set adequate relationships between the loss of biodiversity and their food consumption, they still have significant difficulties in accepting the need for ambitious changes in their diets. Their educational proposals are focused on the diagnosis of the problems instead of the assessment of the sustainability of eating habits and the empowering of learners to take responsible decisions and actions for biodiversity conservation.