



The impact of management practices on the botanical composition and biodiversity of some semi-natural grassland in the Surducului Hills of Western Romania

Durău C. C.1, A. Moisuc, V. Sărățeanu
1Banats University of Agricultural Sciences and Veterinary Medicine, Timisoara-Romania
corresponding author: sch_carmen_1999@yahoo.com

Objectives

- Highlighting the effects of underexploitation on the seminatural grasslands from Surducului Hills region (western Romania);
- evidencing aspects regarding the biodiversity of the vegetation from studied area.

Poster n° - Session n°



Main results

The analysis of the floristic composition in the four years of study shows that because of disturbances connected to grazing or mowing the pastures are in an intermediary stage of succession and biodiversity trends to decrease.

In Romania, but especially in the selected area (Banat, Surduc Hills) studies regarding the dynamic of vegetation and also aspects regarding biodiversity are still in an initial phase. Also monitoring the management of these semi-natural pastures especially grazing is difficult because rational mowing is not practised. The new land owners and the remaining livestock farmers do not yet consider management problems and the maintenance of biodiversity having a priority. Therefore our intention to continue this study is to notify the specialists regarding the implementation of rehabilitation measurements to maintain biodiversity of these semi-natural pastures.