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SUSTAINABLE MANAGEMENT OF BIODIVERSITY WITHIN A NATURE RESERVE – SITE OF COMMUNITY INTEREST FROM NORTH-WEST ROMANIA

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Abstract

This paper aims at identifying the specific and phytocenotic diversity, as well as assessing the conservation status of habitats across the Protected Natural Area Racâș-Hida - Site of Community Interest from Romania (ROSCI 209), located in the Sălaj County. The target is to identify taxa and types of natural habitat whose conservation requires their designation as special conservation areas, as well as to identify solutions for the sustainable management of the range. As a result of the investigations, potential threats for favorable conservation status of habitats, protected species and rare species were assessed and several measures have been proposed in order to overcome these drawbacks. A forest habitat was identified and described on the basis of the research referring to vegetal associations, which revealed that the found species corresponded to 91M0 Pannonian Balkan oak and sessile oak woods. On the basis of this study a proposal to include the discovered priority forest habitat 91M0 within the Natura 2000 site was sent to Environmental Ministry of Romania.

Key words: biodiversity, conservation status, habitats, protected natural areas, protected species

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