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COLEOPTEROPHAUNA OF THE REC-RAPSH REGION, NORTHERNMOST PART OF ALBANIA: A TAXONOMIC AND ECOLOGICAL ASSESSMENT

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ABSTRACT

The Coleopterofauna of the Rec-Rapsh Region (northernmost part of Albania) were the subject of a taxonomic and ecological assessment in this study. The aim was to investigate the diversity of species within the Coleopterofauna and assess the relationship between these species and the local environment. The results showed a rich and diverse range of species, with several new species being identified. The analysis revealed a strong correlation between the presence of Coleopterofauna species and the specific environmental conditions of the region, including climate, vegetation, and topography. This study highlights the significance of conserving the unique biodiversity of the Rec-Rapsh Region, which is particularly vulnerable due to its location in the northernmost part of Albania. Data are provided for 20 species of endangered Coleopterofauna, which belong to different categories of endangerment according to IUCN. Furthermore, the results of this research have important implications for our understanding of the relationships between insects and their environment and will provide a basis for further studies of the ecology and evolution of these fascinating insects.

Keywords: Rec-Rapsh Region, Coleopterofauna, ecology, environment, biodiversity, Threatened categories.