

ORTHOPTERA A MANTODEA BIOSFÉRICKÝCH REZERVÁCIÍ SLOVENSKA: FAUNISTICKÁ A EKOLOGICKÁ ANALÝZA

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ABSTRACT

Gavlas V. Orthoptera and Mantodea in the Slovak biosphere reserves: faunistic and ecological analysis

Based on original published data as well as some new data on the distribution of orthopterans and mantids, a detailed description of the Orthoptera and Mantodea fauna in all four Slovak biosphere reserves is given. In addition, ecological analysis, including species richness and ecological groups (forms) of orthopteran and mantid assemblages in relation to selected spatial and climatic parameters has been performed. The paper also presents results from the comparison of the biosphere reserves and some comments on the fauna from nature-conservation point of view.

Key words: Orthoptera, Mantodea, assemblages, species richness, ecological groups, biosphere reserves, Slovakia