

Original article

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Taxonomic Structure of the Flora of Vascular Plants and Lepidofauna of the Natural Landmark «Yeisk Spit Island»

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Abstract. The specially protected area of local significance, the natural landmark “Yeisk Spit Island” was created in 2022 on the territory of the Yeisk urban settlement of the Krasnodar region. The purpose of the study is to obtain new information on the flora and fauna of invertebrates, data on the presence/absence of plant and animal species listed in the Red Data List of the Russian Federation and the Red Data List of the Krasnodar region on the territory of the specially protected area «Yeisk Spit Island». As a result of studies conducted in July-August 2024, 97 plant species belonging to 28 families and 78 genera were identified on the territory of “Yeisk Spit Island”. The largest number of species are in the families Asteraceae and Chenopodiaceae. At the same time, representatives of such families typical of the flora of the Krasnodar region as Geraniaceae, Violaceae, Saxifragaceae, Linaceae were not identified in the year of the study. Among the species listed in the Red Data List of the Krasnodar region, the following should be noted: sea kale (*Crambe maritima*) and purple spurge (*Euphorbia peplis*). The analysis of the lepidofauna showed that the territory is dominated by species common to the steppe areas of Krasnodar region. In the future, it is necessary to continue research on the study and compilation of an annotated list of flora and fauna of the Yeisk Spit Island Protected Area, as well as monitoring of rare and protected species. The conducted research allows in the future to monitor the biological diversity of vascular plants and lepidoptera on Yeisk Spit, and rare and protected species require monitoring of the quantitative and qualitative characteristics of populations in conditions of limited economic impact.

Key words: Yeisk Spit, specially protected area, biological diversity, rare and protected species.

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