

SPECIES COMPOSITION AND STRUCTURE OF ICHTHYOFAUNA OF SOME WATERCOURSES OF THE KRASNOYARSK STOLBY NATIONAL PARK

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Abstract. The territory of the Krasnoyarsk Stolby National Park is located in the interfluvium of the right tributaries of the Yenisei: the Mana, Bazaikha and Bolshaya Slizneva rivers, which are the largest watercourses in the national park in terms of length. The ichthyofauna of the water bodies of the Krasnoyarsk Stolby National Park was studied in detail from 1956 to 1969. During this period, the channels of the Mana and Bazaikha rivers were affected by the wood rafting. Rafting on the Bazaikha River was discontinued only by the beginning of the 1970s, on the Mana River – in the late 1980s. Since the end of timber rafting, a detailed inventory of the ichthyofauna of the water bodies of the Krasnoyarsk Stolby National Park has not been carried out to date. The purpose of this work is to obtain up-to-date information on the species composition and population structure of the fish community of the main water bodies of the Krasnoyarsk Stolby National Park. Ichthyological material was taken within the boundaries of the protected and buffer zones of the Krasnoyarsk Stolby National Park in the summer-autumn period of 2021–2023 (in 2021 – in the Bazaikha river, in 2022 – in the Bazaikha, Kaltat and Bolshaya Slizneva rivers, in 2023 – in the Bazaikha River). When conducting control fishing, a set of set traps and snouts of various designs was used. In addition, active fishing was used with an ichthyological net, float gear and spinning rods equipped with artificial lures. The collection and processing of ichthyological material was carried out in accordance with the methods generally accepted in domestic ichthyology. In total, nine fish species were recorded in the composition of the ichthyofauna of the studied watercourses. The largest number of species found in the Bazaikha River (taimen, Baikal grayling, Siberian dace, common minnow, Siberian gudgeon, Siberian spined loach, Siberian loach, Siberian sculpin, stone sculpin). In the ichthyofauna of the Kaltat and Bolshaya Slizneva rivers, three species of fish were noted.

Keywords: taxonomic composition, ichthyofauna, national park, Krasnoyarsk Stolby, protected areas, Krasnoyarsk Territory

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