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FLORA OF BATAGAY-ALYTA VILLAGE VICINITY (BYTANTAY RIVER BASIN, NORTHEASTERN YAKUTIA)

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An annotated list of vascular plant species from the vicinity of Batagay-Alyta village (67°41' N, 130°24' E) is published for the first time. The study area is located in the northern taiga subzone in the area on the left bank of the Yana River; the topography includes both plain and mountainous parts. The flora is one of the richest by number of species among the local floras of the northeastern Yakutia; it contains 366 species and subspecies, 138 genera and 46 families. The taxonomic and geographical structure of the local flora is typical of the East Siberian northern taiga continental floras; however, it is peculiar in a higher richness of many leading families and genera, and especially a high share (almost 70%) of the ten richest, by number of species, families. The high diversity of the flora is explained by participation of three ecological-coenotic groups: steppe meadows (26%), mountain tundra (20%) and meadows (22%). Twelve species included in the Red Data Book of the Republic of Sakha (Yakutia) and 3 species included in Red Data Book of the Russian Federation were found. Also, the occurrence of a number of endemic taxa was confirmed, such as *Potentilla tollii* Trautv., *Oxytropis incana* Yurtz., which characterize a distinctive development of the flora of this territory.

Keywords: local flora, boreal East Siberian flora, ecological-coenotic groups of plants, Ulakhan-Sakkyryr River, Yana River basin

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