

## VEGETATION OF KONEVETS ISLAND (LADOGA LAKE, LENINGRAD REGION)

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Based on field research conducted in 2019, a detailed description of the vegetation of Konevets Island is provided for the first time. 65 plant associations were identified by eco-phytocoenotic classification. A large-scale vegetation map of the island (m. 1:25000) has been compiled. The distribution of plant communities is related to the underlying substrates. Blueberry-moss spruce and pine forests occupy the largest area on the island. Broad-leaved forests, nemoral spruce and aspen forests are confined to elevations composed of richer soils. Most of the mires were formed on the site of overgrown lagoons. Naturalized adventive species play a significant role in the composition of some plant communities. Rare plant communities and communities located on the border of the range are described, such as meadows dominated by *Holcus mollis*, *Carex lasiocarpa*-*Sphagnum jensenii* mire, ash trees and maple forests. Old-growth spruce, pine and black-alder forests are found.

**Keywords:** vegetation, North-West, Ladoga region, Konevets Island, vegetation map, broad-leaved forests, old-growth forests, biologically valuable forests, *Holcus mollis*

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