

SUCCESSIONS DURING MODERN SWAMPING OF LAKES IN THE LENINGRAD REGION

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The results of monitoring the vegetation of 4 overgrown lakes in the southeastern part of the Karelian Isthmus are presented. The overgrowing is caused by a decrease in the water level during peat extraction in the early second half of the 20th century. V.A. Smagin first studied the vegetation of these lakes in 1981–1983. At that time, the successions occurring during overgrowing were traced mainly by indirect signs. Only in a number of cases, it was possible to trace directly the syngensis and successions caused by the next lowering of the water level in the lake. Over the next 35 years, repeated observations were made several times. The last time was in the summer 2020, when monitoring was carried out on sample plots on all the lakes and mires formed in their place. The composition of the bryoflora was determined by M.A. Boychuk.

Keywords: modern lake waterlogging, succession, thirty-five years monitoring

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