

THE PHYTOMASS DYNAMICS OF GROUND COVER IN PINE FORESTS

AFTER THE CREEPING FIRE

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SUMMARY

The research paper offers the analysis of phytomass dynamics of grass/subshrub and moss/lichen tiers after the creeping fires of different density (in the period of 1–9 years) in pine forests in the southern taiga in the Nizhneye Priangarye (downstream of Angara river). It was shown that the fires caused the decrease of the total ground cover phytomass to 0.4–0.5 % of the initial value in 9 years after the fire. The reserve of grass/subshrub tier didn't restore and varied from 39 to 58 % initial value. Phytomass of moss cover was low (1.3–10.9 g/m²) and included only *Polytrichum* species.

Key words: ground cover, phytomass, creeping fire, pine forests.

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