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Journal of Forest Science

Comparison of mycobiota of diverse aged spruce stands on former agricultural soil

Pešková V., Soukup F., Landa J.:

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The mycological conditions on study plots established in forests growing on former agricultural farm lands were studied. In young spruce stand (8– 10 years) reduced and unstable spectrum of macromycetes was found. After approximately 50 years of forest growth the situation became stable and spectrum of macromycetes together with development of mycorrhizal status were similar to a situation found in stands on forest soils. Slightly increased occurrence of sapro-parasitic species of fungi (e.g. *Heterobasidion annosum* at others) was observed in older growths.

Keywords:

ectotrophic stability of forest; species spectrum of macromycetes; mycorrhizae; former farm land; health status of spruce

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