

EKOTROFICKÉ SKUPINY MAKROMYCÉTOV KREMICKÝCH A ŠTIAVNICKÝCH VRCHOV A POROVNANIE ICH ZASTÚPENIA NA VYBRANÝCH TRVALÝCH VÝSKUMNÝCH PLOCHÁCH

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ABSTRACT

Bučinová, K., Mihál, I.: The Ecological Nutritional Groups of the Macromycetes present in Kremnické vrchy Mts. and in Štiavnické vrchy Mts. and Comparison of their Abundance within the selected Permanent Research Plots

An inventory of macromycetes (Ascomycota, Basidiomycota) was performed during the vegetation period 2003–2005. The inventory run on research plots exposed to differentiated load by airborne pollutants, with pollution source in an aluminium plant in Žiar nad Hronom. To date, there have been realised inventory and determination of macromycetes on three research plots situated in the Kremnické vrchy Mts. and in the Štiavnické vrchy Mts. In total, we have recorded occurrence of 171 species that were subsequently identified and classified to the Ecological Nutritional Groups – ecotrophic groups. The most abundant were found lignicolous saprophytes that were dominant on each research plot, before parasitic and ectomycorrhizal species. This is fully consistent with the actual situation in load by airborne pollutants, stand species composition and climate and ecological conditions at the discussed sites.

Key words: macromycetes, beech, bioindicators, forest ecosystems