



The variability of selected trace elements content in forest soils in the area of Karkonosze National Park – in chosen monitoring points of forest ecosystems

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In this study was examined the samples of forest liter and surface mineral horizons of forest soils in the area of Karkonosze Mountains (in the middle part of Karkonosze National Park near Jagniatkow). Metal concentration in litter varied significantly, and ranged as follows: 19,5 – 248 mg/kg Pb, 2,5 – 27 mg/kg Cu, 9,5 – 92 mg/kg Zn. The ranges are typical for the Giant Mountains, and should be considered as low for Zn and Cu and high for Pb, apparently originating from air-borne pollution. Total concentration of Pb and Cu was mostly connected with the presence of organic matter.