

Features of the formation of morphological structures and production of *Typha angustifolia* under load on lead

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Abstract

Typha angustifolia L. is one of the most important helophyte. The aim of this study was to identify morphological and production reactions *Typha angustifolia* under the action of different concentrations of lead. It was found that lead concentrations of 0.25; 2.5 and 10 mg / l stimulated the growth and production processes in the cattail, but at higher concentrations effect of stimulation was decreased. The highest lead concentration (10.0 mg / l) caused a decrease in the average leaf area. Stimulation of growth and production indicators of cattail plants can be considered as an adaptive response to pollution.

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Keywords

Biomass, Lead, Morphology, Plants, Pollution, *Typha angustifolia*