

## **Drooping birch leaf litter research on the content of heavy metals in the conditions of different degree of anthropogenic load**

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### **Abstract**

The problem of the content of heavy metals in the leaf litter and in the foliage of drooping birch in the Nizhnekamsk city of Tatarstan republic was investigated. The content of different elements in ashes (% on weight) of birch foliage which was gathered in the conditions of different degree of anthropogenic load: landscape territory, zone of highway influence, zone of plants of chemical industry, engineering and thermal engineering objects was considered. Comparison of content of investigated elements with the similar data of other regions was made.

The data on dependence of concentration of heavy metals in leaf litter depending on the pollution source is obtained. The conclusion was made on the highest degree of pollution by heavy metals of birch leaf in Nizhnekamsk city around the complex of the industrial enterprises.