

Features of heavy metals accumulation In the leaves of various species in landscape

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Abstract

The problem of heavy metals content in the foliage of drooping birch, tillet and balm poplar has been studied in Nizhnekamsk, Tatarstan Republic. The contents of various elements in the leaves ash residue collected in different degrees of anthropogenic impact: the park area, the zone of highways influence and in the area of the complex enterprises of chemical industry and thermal power facilities have been considered. Comparison of the content of the studied elements in different forms has been carried out. The list of elements found in all the studied species under different anthropogenic load on the territory has been revealed. Differences in the qualitative and quantitative composition in the leaves under different conditions of anthropogenic load have been reported.