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**Comparative Assessment of Chlorophyll and Carotenoids Content  
in the Leaves of Medicinal Dandelion (*Taraxacum Officinale*)  
and Silver Birch (*Betula Pendula Roth*) in Tambov (2010 - 2021)**

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**Keywords:** silver birch (*Betula Pendula Roth*); bioindication; carotenoids; medicinal dandelion (*Taraxacum Officinale*); chlorophyll.

**Abstract:** To assess the changes in the environment in Tambov, using bioindication methods, the pigments of the photosynthetic apparatus of the leaves of the medicinal dandelion (*Taraxacum Officinale*) and silver birch (*Betula Pendula Roth*) were studied. It is shown that the anthropogenic load on the environment in the city of Tambov has increased over the past decade.

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