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*Elaeagnus angustifolia*L. as a Biomonitor of Heavy Metal Pollution


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Abstract: The leaves of *Elaeagnus angustifolia* L. (Elaeagnaceae) were tested as a possible biomonitor of heavy metal pollution in Kayseri. Concentration of Pb, Cd and Zn were determined in unwashed and washed leaves and soils. Differences between the unwashed and washed samples varied according to the metal pollutant levels. Significant correlations were obtained between the heavy metal concentrations in surface soil and washed leaf samples. *E. angustifolia* was found to be a useful biomonitor of the heavy metals investigated.



Key Words: *Elaeagnus angustifolia*; biomonitor; heavy metal pollution; Kayseri.

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