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## Morpho-anatomical investigations on two relict endemic species: *Ajuga postii* Briq and *Ajuga relict* P. H. Davis (Lamiaceae) from Turkey

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*Ajuga* species are used to treat dysentery, malaria, high blood pressure, diabetes and many other diseases in the traditional medicine. In this study, two relict endemic *Ajuga* (Lamiaceae) taxa were investigated morphologically and anatomically. These relict endemic species exists the results of glacial and interglacial periods. *Ajuga postii* was collected from İçel: Çamlıyayla, and *Ajuga relict* was collected from Kahramanmaraş: Çimen Mountain. Morphological investigations of *Ajuga postii* and *Ajuga relict* were determined from fresh materials. Anatomical investigations were taken from cross-sections of root, stem and leaf. These two species do not have glandular or eglandular hairs on the stems. Anatomical features are generally similar. On the cross-section of the leaf of *Ajuga relict* are seen eglandular hairs, but on the *Ajuga postii* are not.

### Biography

Emel Sönmez has graduated from Department of Biology, Anadolu University. She has studied one Master degree in Biology. Now she is pursuing other Master degree in Pharmaceutical Botany at Faculty of Pharmacy, Anadolu University.

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