

Anatomy of the vegetative organs of the species *Salvia officinalis* L in the population of Dibra, Albania

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Abstract

The anatomy of the root, stem and leaf of *Salvia officinalis* L. were studied by light microscopy. The micromorphological structure of the root, stem and leaf was identified. The leaf contains trichomes in both epidermis. The spongy parenchyma of the leaf is compact. The stem has a square shape and in its epidermis there are trichomes. Collenchyma is angular and there is a large cavity in the pith of the stem. The root has 7 layers of bark and broad pith formed by the parenchymal cell. Other anatomical features are also discussed. Given that there is no data on the micromorphology of vegetative organs of this species in Albania, the present study was undertaken in order to use these characteristics to characterize the species and to assess interspecific diversity. These are preliminary results in the doctoral research framework.

Keywords: *Salvia officinalis* L., anatomy, leaf, stem, root.

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