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A Morphological and Anatomical Study on a Medicinal and Edible Plant *Trachystemon orientalis* (L.) G.Don (Boraginaceae) in the Black Sea Region

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Abstract: *Trachystemon orientalis* (L.) G.Don (Boraginaceae), which is distributed in various habitats in the Black Sea region, was investigated morphologically and anatomically. The flowering branches, leaves and rhizomes of *T. orientalis* are used as food. This species is a Euro-Siberian floristic element. The genus *Trachystemon* D.Don is represented by one species in Turkey. In the morphological study it was observed that the species have a perennial root. The rhizome is blackish and 6-10 cm. The stem is 25-50 cm tall and erect. In anatomical studies, the cross and surface sections of the root, stem, rhizome, leaf and petiole were examined. In addition, the stomatal index was calculated.

Key Words: Boraginaceae, *Trachystemon orientalis*, morphology, anatomy

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