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Comparative Morphological and Anatomical Studies of *Hymenocrater bituminosus* Fisch. & C.A.Mey. (Lamiaceae) in Turkey

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Abstract: *Hymenocrater bituminosus* Fisch. & C.A.Mey. is the only species of the genus *Hymenocrater* Fisch. & C.A.Mey. in Turkey. In this study, the morphological features of the species, such as stem, leaf, flower, and nutlet, are described in detail. The morphological results were compared to the Flora of Turkey, Flora Iranica, and Flora of the USSR. As a result of this study, the description of this species has been expanded, contributing to the knowledge of the flora of Turkey. In anatomical studies, transverse sections of stems and leaves were examined and are supported by illustrations and photographs. Furthermore, trichomes in stems, leaves, and calyces were investigated. Anatomical characters of the species were observed to be similar to the usual features of Lamiaceae anatomy.

Key Words: Anatomy, *Hymenocrater*, Lamiaceae, morphology

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