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A New Species of Silene L. (Caryophyllaceae) from South Anatolia, Turkey

of

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<u>Abstract:</u> Silene duralii Y. Bağcı sp. nov. from Ermenek-Kazancı (C4: Karaman province) is described



Abstract: Silene duralii Y. Bağcı sp. nov. from Ermenek-Kazancı (C4: Karaman province) is described and illustrated. It is closely related to S. capillipes Boiss. & Heldr., from which it differs mainly in its hairiness, leaves, and floral features. Diagnostic morphological characters are discussed and the diagnostic key for related Silene L. species, which are widespread in Turkey, is reorganized. The geographical distribution of the new species and other related species were mapped. Notes are also presented on its ecology, and biogeographical and conservation status. Chromosome count for S. duralii was 2n = 24. In addition, the seed coat surface of S. capillipes and S. duralii were examined by SEM.



<u>Key Words:</u> Caryophyllaceae, Silene, Karaman, Macranthae, taxonomy

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