

A CONTRIBUTION TO THE FLORA OF TURKEY: *Silene fabaroides*

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SUMMARY

Silene fabaroides Hausskn. is added to the flora of Turkey with the specimens collected from European Turkey (A1 (E) Edirne). Description of the species with illustration is given.

ÖZET

A1 (E) Edirne'den toplanan örneklerle *Silene fabaroides* Hausskn. Türkiye florasına ilave edilmiştir. Türün kısa bir deskripsiyonu ve şekli verilmiştir.

Key words: Flora of Turkey, *Silene fabaroides*.

RESULT and DISCUSSION

During the field studies conducted for further determination of the flora of European Turkey, some *Silene* specimens drew our attention among the material collected from Edirne in 1992. They have been determined as *Silene fabaroides* Hausskn. using

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basic floras (1-3). There is no record concerning the presence in Turkey either in Flora of Turkey (4, 5) or in other floristic publication related the flora of European Turkey (6-20). It seems to be new record for flora of Turkey with the specimens cited in this paper.

Short description of the species based mainly collected specimens and its descriptive illustration are given below:

Silene fabaroides Hausskn. Mitt. Thür. Bot. Ver. nov. ser., 5: 47 (1893). Fig. 1.

Glabrous and glaucous perennial; stem robust, erect, 20-100 cm, branched at the base, upper half without leaves. Leaves fleshy, basal leaf more or less spatulate-ovate, mucronate; sessile, margin with spinules; cauline leaf distant, smaller, elliptical or obovate-lanceolate, acute-obtuse, glabrous, margin without spinules. Bracts linear. Inflorescence branched in upper half of stem, lax, with 6-10 flowered in each branches. Calyx 10-veined, conspicuously inflated not closely investing the ripe capsule; teeth triangular, acute. Petals white, bifid, 3 veined, middle vein thick; coronal scales present, 2, linear. Ovarium oblong, 2.5 mm; styles 3, anthophore c. 2 mm long. Capsule 10-12 mm, ovoid, exceeding the calyx, not closely appressed calyx; carpophore c. 2.5 mm; seed reniform, brown with concave face.

Flowering time: July

Habitat: Maritime rocks

Conservation status: Vulnerable

Distribution in Turkey: European Turkey, A1 (E) EDİRNE: Keşan, Mecidiye village, sea side, on maritime rocks, 10. VII. 1992, G. and A. Dalgıç and EDTU 5096 (ISTE 64715)! det. F. Dane, conf. T. Ekim and A. Strid; *ibid.*, 25. VII. 1992, G. and A. Dalgıç EDTU 5099 (ISTE 64717)! det. F. Dane, conf. T. Ekim and A. Strid.

General distribution: Balkan Peninsula, Albania, Greece, Bulgaria, Yugoslavia.

S. fabaroides; very similar to *S. fabaria* (L.) Sibth. et Sm. distributed in C. Europe, Greece, Aegean, Sicily and W. Anatolia. But it distinguished from *S. fabaria* by having taller and upper half leafless stem, smaller cauline leaves and conspicuously inflated calyx and not closely investing the ripe capsule.

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Fig. 1: *Silene fabaroides* Hausskn.

A, plant; a upper part of plant (x 0.7); b rosette leaf and b' stem leaf (x 0.7); c 2 stamens and gynoecium (x 3); e petal (x 3); f capsule with part of calyx (x 0.9); g seed (x 5).

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