

Reşit Ilarslan & Ender Yurdakulol

A new species of *Erodium* (*Geraniaceae*) from Turkey

Abstract:

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A new species, *Erodium birandianum*, is described and illustrated from Kastamonu (NW Anatolia). It is related to *E. absinthoides* subsp. *armenum*. Among some recently collected specimens of *Erodium* from Kastamonu, Yaraligöz Mountain, there was one that cannot be identified with any of the species included in Flora of Turkey (Davis 1966) or its Supplement (Davis & Tan 1988). It is here described and named as a species new to science.

Erodium birandianum Ilarslan & Yurdakulol, sp. nov. — Fig. 1. — Type: Turkey (A5 Kastamonu): Devrekani, Yaraligöz Mountain, subalpine limestone rocks, 1900 m, 09 Jul 1991, E. Yurdakulol 3552 (holo: HUB, GAZI; iso: ANK).

Ab affine *Erodium absinthoides* subsp. *armenum* (Trautv.) P.H. Davis discedit caulibus glandulosa-pubescentibus et glandulis sessilibus obsitis; sepalis florenti tempore 4-4.5 mm longis dense glandulosa-pubescentibus, nominatim reflexis; petalis albis vel pallide lilacinis, sepalis sesqui-vel duplo longioribus; nec non rostro fructus 3-3.5(-4) cm longo.

Dioecious perennial some times with lax leaf rosettes, Stems sparsely branched, prostrate or ascending, patently glandular pubescent and with sessile glands. Basal leaves bipinnatifid, their blade ovate to oblong, densely glandular and sparsely pilose, 13-14 cm long and 2-2.5 times as long as wide; their segments deeply pinnatifid into lanceolate-ovate lobes.

Sepals 4-4.5 mm long in flower, densely glandular-pubescent, sometimes reflexed; ending in an awn 0.3-0.5 mm long. Petals obovate, 1.5-2 times as long as sepals, white or pale lilac. Beak of the fruit 3-3.5 (-4) cm long.

Erodium birandianum is very close to *E. absinthoides* subsp. *armenum* (Trautv.) P.H. Davis. It is named in honour of Professor Hikmet Birand, prominent botanist and plant collector.



Fig. 1. *Erodium birandianum* Ilarslan & Yurdakulol 3552, Holotype.

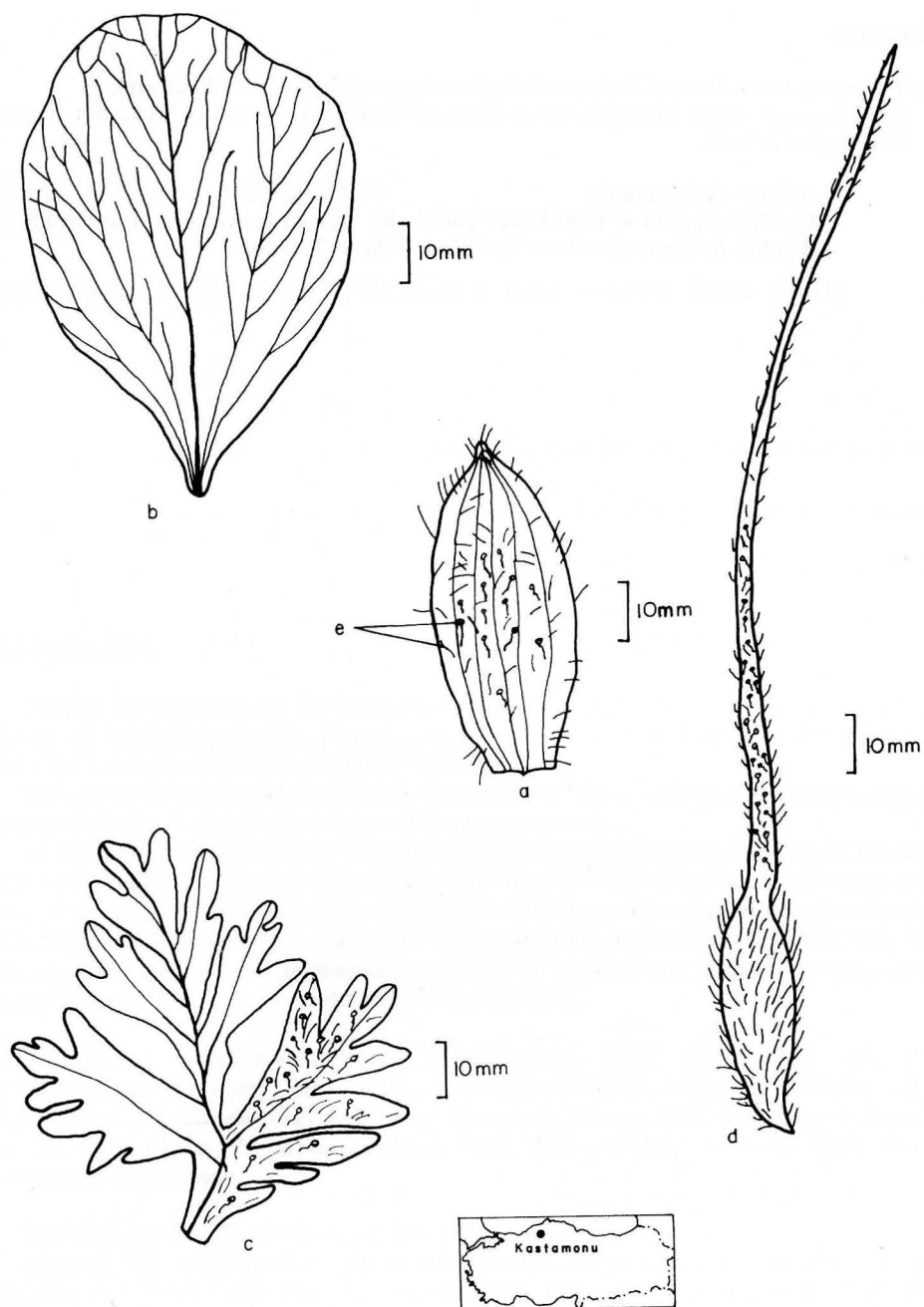


Fig. 2. *Erodium birandianum*: **a**, sepals; **b**, petals; **c**, leaves; **d**, fruit; **e**, glandular and hirsute hairs.

References

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