

Crocus antalyensis subsp. striatus

subsp. nov.

Crocus antalyensis subsp. *striatus* subsp. nov. (Iridaceae) from southwest Anatolia
[Osman Erol](#), Mine Kocyigit, Levent Şik, Neriman Özhatay and Orhan Kucuker

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“A new subspecies *Crocus antalyensis* subsp. *striatus* subsp. nov. from western Turkey is described. It is characterized by rough papery, light brown corm tunics, leaves that exceed the flower at anthesis and are recurved, distinctly striped inner perianth segments and deeply branched pale yellow or white style. The karyotype of the new subspecies is presented.”

Corm ovoid, ca 15 mm, tunics rough, papery, light brown, breaking up at the base into numerous parallel fibres with a persistent neck; cataphylls 2_3. Leaves 4, synanthous, exceeding the flower at anthesis, 1mm wide, 300_320 mm long (mature) and recurved. Flowers pale lilac_blue, flecked on outer perianth segments, distinctly striped on the outside of the inner perianth segments, elliptic to ovate in shape, obtuse, 9_10 mm wide, 20_25 mm long, throat yellow, pubescent, prophyll absent, bract papery, white suffused with brown, bracteole papery, very narrow, ligulate; filaments 6 mm, pubescent, anthers 12 mm, yellow, style divided into 8 comparatively deep, pale yellow or white branches.

Crocus antalyensis subsp. *striatus* differs morphologically from *C. antalyensis* subsp. *antalyensis* by its rough papery, light brown corm tunics, leaves which exceed the flower at anthesis and recurved (300_320 mm in length) when mature, inner perianth segments striped outside, and the comparatively deeply branched, pale yellow or white stylus; it also differs in chromosome morphology.

Photos from İbrahim Sözen





From Jānis Rukšāns

“This Crocus, below, corresponds quite well with those two short lines available at present for me, but it was collected at Gundogmus in 2003. It has deeply divided white style, leaves exceeding flower, and inner segments can be (?) reported as striped. But Gundogmus can't be named as SW Antalya. it is found some distance E from Antalya.



Crocus antalyensis RUDA-006 -07 JR

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