

CROCUS FAUSERI

Crocus fauseri [Kernd.](#) & [Pasche](#)

Three New Species of Crocus (Liliiflorae, Iridaceae) from Turkey

[Stapfia](#) 95: 99 (-100, 103; figs.). 2011

From the SRGC Forum , January 2012 : "Crocus fauseri has just been described – it is named for the Australian bulb maven, Otto Fauser as having: "inside segments white without markings, outside of outer segments are mostly finely veined greyish-blue, rarely speckled." The authors of the paper thank Otto for his generous help and contribution of a comprehensive number of herbarium specimens to our work.

Description taken from the Stapfia paper:

Corm globose, about 10 mm in diameter. Tunics coriaceous splitting into rather broad stripes with rings at base; rings well developed with many small teeth of about 0,5-1 mm but up to 2 mm. Neck extension approximately 5 mm long. Cataphylls 3, silvery-white to brownish, sometimes the brown ones persistent. Leaves many, 3–4,91–7 (n=23) mostly much longer as flowers at anthesis, dark green, 1-1,5 mm in diameter, glabrous, very rarely ciliate, 1 or 2 ribs underneath on each side of the leaf. Width of white stripe approximately 1/3 of leaf diameter. Throat deep yellow, prominent, glabrous, perianth tube whitish to violet. Outer segments between 16 and 25 mm but usually 22 mm long, between 5 and 10 mm mostly 8 mm wide. Inner segments between 15 and 25 mm but usually 20 mm long and between 5 and 12 mm frequently 9 mm wide (mean of n=23 for all measurements). Inside all segments are white without markings .The outside of the outer segments are mostly finely veined greyish-blue, rarely speckled (colour-plate 1, flower variation of Crocus fauseri). Outside colouring of the inner segments is mostly uniformly white without markings but having a dark violet-brownish spot towards the perianth tube. Prophyll absent. Bract and bracteole present, silvery-white or brownish .Filaments 5-7 mm on average 5,8 mm long (n=20), deep yellow to orange, sometimes brownish, glabrous; anthers 6-11 mm on average 9,3 mm long (n=23), black, connective black ,pollen yellow. The styles are deep orange to red, divided into 3 branches which are very slightly trumpet-shaped towards the end; branches short 3-7 mm on average 4,9 mm long, scabrid to papillose. The styles are mostly shorter or equal as the stamens (96 %, n=23). Capsule approximately 1 cm long, elliptic, seeds dark brown with a prominent caruncle. Chromosome number $2n = 10$.

photos from locus classicus by İbrahim Sözen





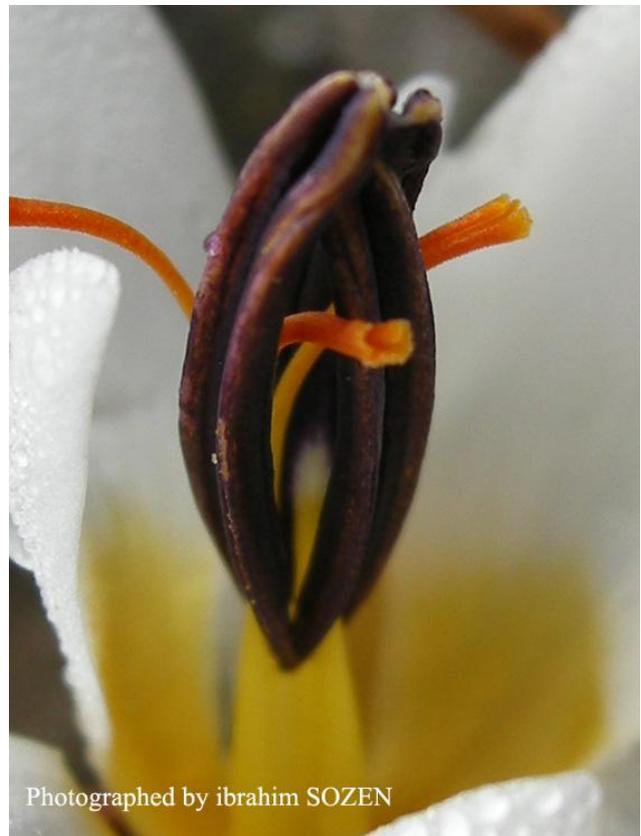
Photographed by ibrahim SOZEN



Photographed by ibrahim SOZEN



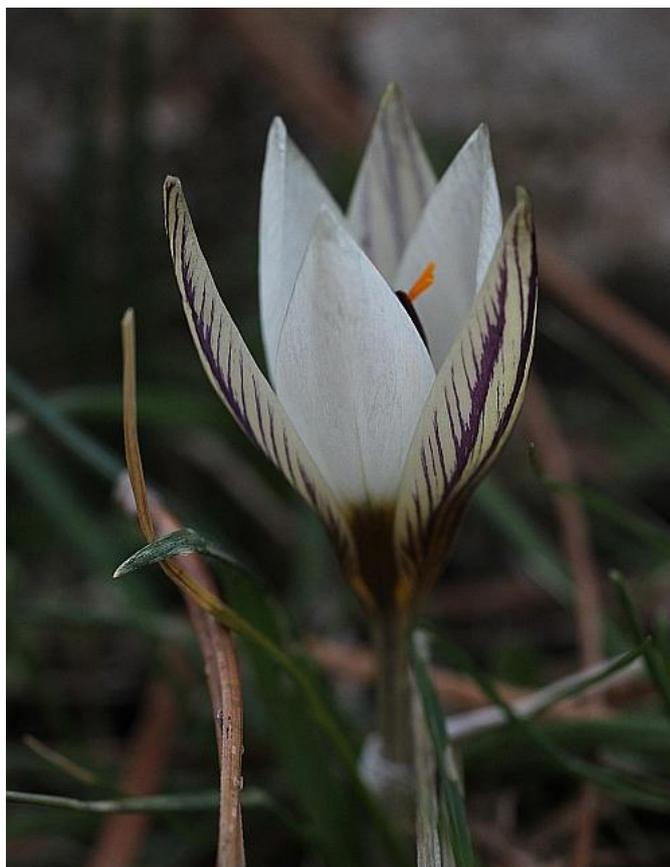
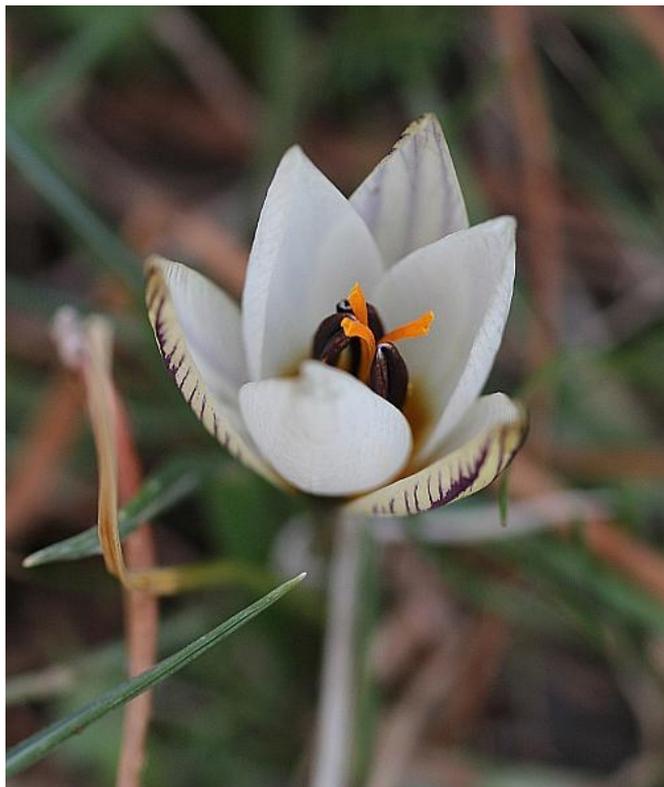
Photographed by ibrahim SOZEN



Photographed by ibrahim SOZEN

[*Crocus fauseri* in the IRG
<http://www.srgc.org.uk/logs/logdir/2013Apr261366962255IRG40April.pdf>]

And from Jānis Rukšāns





Link for Stapfia papers to buy: <http://www.landesmuseum.at/biophp/stapfia.php>

More from the SRGC Forum

<http://www.srgc.net/forum/index.php?topic=8336.0>

<http://www.srgc.org.uk/forum/index.php?topic=8720.0>

www.srgc.net