

**THE VALIDATION OF *HIBISCUS MICRANTHUS* L.f.
var. *ALII* S. ABEDIN AND *EUPHORBIA*
ABDULGHAFOORIANA S. ABEDIN**

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Abstract

Hibiscus micranthus L.f. var. *alli* S. Abedin and *Euphorbia abdulghafooriana* S. Abedin were inadvertently published earlier without latin diagnoses. They are being provided with latin diagnoses for the valid publication.

1. *Hibiscus micranthus* L.f. var. *alii*. S. Abedin var. nov.

Planta perennis vel suffrutex ad 60 cm longa, rami profuse intricatis, pilis stellatis elevates et setosis. Pedicelis axillaris, solitaris, 3-10 (-15) mm longis.

Holotypus: Habitat in rupestribus peninsulae sin aiticae *Aucher –Eloy* 855(G-Boiss.!).

Distribution: Tropical Africa, Arabia, India and Pakistan.

Note: The details can be found in the earlier works of the author (1979, 1980, 1985, 1999).

2. *Euphorbia abdulghafooriana* S. Abedin, sp. nov.

Planta annua, prostrate herba. Folia opposite, stipulae interpetiolares, 0.5 mm longa, laciniatae; petiole 1-1.5 mm longi; lamina 1-4 x 0.5-2.5 mm, lata ovata et elliptica et aliquantum oblonga, integra, ± assymetrica. Cyathia axillaria, solitaria; pedunculus 1-1.5 mm longus; involucrium 1-1.5 mm diametrum habens 4 rotundatum purpuratum glande cum 2 late appendicibus. Capsula parva, glabra, 1.5-2 x 1-1.5 mm, oblonga, obtusiuscula 3-loba; pedunculatis 1-1.5 mm longis, exsertis, recurvatis. Semina 0.5-0.8 x 0.3-0.5 mm quadrangulara, brunea.

Holotypus: Saudi Arabia, Riyadh, Feb. 1980, *S.A. Chaudhary* 3065 (RIY).

Distribution: Endemic to Saudi Arabia.

Note: Its diagram and resemblance with *Euphorbia surpens* Kunth and English version have been given in the earlier work of the author (2001).

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References

- Abedin, S. 1979. Malvaceae. In: *Flora of Pakistan*. (Eds.): E. Nasir & S.I. Ali. 130: 18. Karachi.
- Abedin, S. 1980. Critical notes on some *Hibiscus* species. *Pak. J. Bot.*, 12(1): 49-56.
- Abedin, S. 1985. Contribution to the Flora of Saudi Arabia (Part-I), Some New Records. *J. Pharm. Univ. Kar.*, 4(1): 1-7.
- Abedin, S. 1999. Malvaceae. In: *Flora of the Kingdom of Saudi Arabia*. (Ed.): S. A. Chaudhary. 1: 369. Riyadh
- Abedin, S. 2001. Euphorbiaceae. In: *Flora of the Kingdom of Saudi Arabia*. (Ed.): S.A. Chaudhary. 2(1): 321. Riyadh.

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