

and the specimen was collected during June, 1961.

Thus this is also the first record of this plant after the type collection and the first record for India.

Small tree. Leaves simple, alternate, lanceolate, coriaceous, petiole 6-12 mm, lamina 13-22 cm × 3.5-6.5 cm, margin recurved, entire, acute, base cuneate, midrib raised and prominent on both sides, veins impressed above. Inflorescence axillary, racemose, up to 10 cm long, rachis pubescent. Flowers pentamerous, actinomorphic, bract 1, ciliate, bracteoles 2, ciliate, pedicels filiform, 5-15 mm, pubescent. Calyx 5 lobed, lobes deltoid. Corolla thin, of one layer showing a membranaceous wing at the sinuses, 5 lobed, lobes short, reflexed in mature flowers. Stamens 10, in one whorl, free, epigynous, filaments thin and broad, anthers two, adnate, oblong, ecalcarate, covered with glandular pubescence, produced upwards into two tubules, opening

by slits which are  $\frac{1}{3}$  the length of the tubules. Ovary inferior, five locular, ovules many on axile placentas, style cylindric, stigma simple. Fruit not seen.

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### THREE NEW COMBINATIONS IN AIZOACEAE

*Trianthema govindia* Buch.-Ham. ex G. Don, Gen. Syst. 3: 72, 1834 was considered by several authors to be identical with *T. pentandra* Linn. and treated as such in Indian Floras. It has since been established by Melville (Kew Bull. 1952: 264, 1952) that the pentandrous Indian species is quite distinct from *T. pentandra* Linn. which is chiefly African in distribution.

Jeffrey [Kew Bull. 14 (2): 237, 1960] has shown that all the species generally described under *Trianthema* Linn. are not congeneric. He proposed the transfer of the digynous plants to another genus *Zaleya* Burm. f. The two genera can be distinguished as follows:

Operculum of capsule 2-valved, the valves usually separating; ovules 4, attached at one side to the interlocular septum; ovary 2-locular; stigmata 2.....*Zaleya*.

Operculum of capsule 1-valved, capsule pyxidiate, ovary unilocular; style 1.....*Trianthema*.

Accordingly, *Trianthema govindia* (Buch.-Ham. ex G. Don) should be transferred to *Zaleya* and the following new contributions become necessary.

***Zaleya govindia*** (Buch.-Ham. ex G. Don) N. C. Nair, comb. nov. *Trianthema govindia* Buch.-Ham. ex G. Don, Gen. Syst. 3: 72, 1834; Melville

in Kew Bull. 1952: 264, 1952. *T. pentandra* auct. plur. non. Linn.

***Z. govindia* var. *flava*** (Blatt. et Hallb.) N. C. Nair, comb. nov. *Trianthema pentandra* var. *flava* Blatt. et Hallb. in J. Bombay nat. Hist. Soc. 26: 531. *T. decandra* Linn. var. *flava* (Blatt. et Hallb.) Santapau in J. Bombay nat. Hist. Soc. 56: 280, 1959.

***Z. govindia* var. *rubra*** (Blatt. et Hallb.) N. C. Nair, comb. nov. *Trianthema pentandra* var. *rubra* Blatt. et Hallb. in J. Bombay nat. Hist. Soc. 26: 530, 1919. *T. decandra* Linn. var. *rubra* (Blatt. et Hallb.) Santapau in J. Bombay nat. Hist. Soc. 56: 279, 1959.

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