

THE FLOWERING PLANTS
OF THE
SUDAN

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VOLUME III
(COMPOSITAE—GRAMINEAE)

PUBLISHED FOR THE SUDAN GOVERNMENT
By T. BUNCLE & CO., LTD., ARBROATH, SCOTLAND

1956

12. **JAMESBRITTENIA** Kuntze**Jamesbrittenia dissecta** (Del.) Kuntze.*Sutera glandulosa* Roth.

Dwarf diffuse much-branched viscid-pubescent herb; stems 4-12 in. long, decumbent or ascending. Leaves petiolate, incised-dentate, pinnatifid or dissected, ovate or oblong in outline, narrowed at the base, $\frac{1}{4}$ -1 in. long. Flowers nearly white, small, axillary or the upper ones in terminal racemes.

*Northern and Central Sudan.*13. **KICKXIA** Dumort.**Kickxia hastata** (R. Br.) Dandy, comb. nov.*Linaria hastata* R. Br. ex Benth.¹

Very slender diffusely branched erect or ascending annual herb 9-12 in. high, glabrous except sometimes at the base. Leaves opposite below, alternate above, linear to lanceolate, acute at the apex, hastate or rarely rounded or cuneate at the base, $\frac{1}{4}$ -1 in. long. Flowers yellow, $\frac{1}{4}$ in. long including the spur, on thread-like axillary peduncles up to $1\frac{1}{4}$ in. long. Capsule ovoid, glabrous, dehiscing by valve-like lids.

*Red Sea District.***K. nubica** (Skan) Dandy, comb. nov.*Linaria nubica* Skan².

Glandular-pubescent more or less climbing sparingly branched annual herb. Leaves opposite on the stem, alternate on the branches, triangular to ovate, broad at the apex, broadly cordate at the base, 1-1 $\frac{1}{4}$ in. long. Flowers nearly $\frac{1}{2}$ in. long, on solitary axillary peduncles $\frac{1}{2}$ - $\frac{1}{3}$ in. long; corolla hairy. Capsule ovoid, slightly pubescent, $\frac{1}{2}$ in. long, dehiscing by valve-like lids.

*Red Sea District: about 21° N., between sea-level and 4000 ft.***K. heterophylla** (Schousb.) Dandy, comb. nov.*Antirrhinum heterophyllum* Schousb.³; *Linaria sagittata* (Poir.) Hook. f.

Slender diffusely branched more or less climbing glabrous perennial herb. Leaves narrowly linear to lanceolate, sagittate or hastate or sometimes cuneate or rounded at the base, $\frac{1}{2}$ -2 in. long; petiole $\frac{1}{2}$ - $\frac{1}{3}$ in. long, sometimes tendril-like. Flowers yellow, $\frac{3}{4}$ -1 in. long including the spur, distant, axillary, on peduncles $\frac{1}{2}$ - $\frac{1}{3}$ in. long. Capsule globose, glabrous; seeds tuberculate.

*Red Sea District.*¹In DC., *Prodr.*, vol. 10, p. 269 (1846).²In *Fl. Trop. Afr.*, vol. 4, 2, p. 290 (1906).³In *K. Danske Vidensk.-Selsk. Skrivt.*, vol. 1, 1, p. 194, t. 3 (1800).