

RUBIACEÆ.

Hedyotis adscensionis, DC. (Plate XVI.)*Hedyotis adscensionis*, DC., Prodr., iv. p. 419.*Sherardia fruticosa*, Linn., Sp. Pl., ed. i. p. 103, et ed. 2, p. 149; Forst. in Comment. Gœtt., ix. (1787) reprint, p. 40.ASCENSION.—Endemic. *Osbeck; Lesson; Hooker; Seemann; Moseley.*

Osbeck collected the plant which Linnæus described under the name of *Sherardia fruticosa*, and there is no doubt that De Candolle's *Hedyotis adscensionis* is the same species, though there are great discrepancies in the description. Linnæus had a stunted specimen, like that represented in our figure B, in which the flowers are solitary and almost sessile. De Candolle had a specimen in which the peduncles were one-flowered and shorter than the flowers. In more robust specimens, collected by Seemann, the peduncles are often two-flowered, and the peduncle and pedicel together are twice or nearly three times as long as the flowers. The plant is not only very variable in the degree of scabridity, in the size of the leaves, length of the peduncle, and in the sizes of the flowers, but the latter are also dimorphic, differing in the relative lengths of the calyx lobes and the corolla tube, and also apparently in the position of the stamens. Whether these dimorphic flowers are functionally unisexual the accessible material is insufficient to determine, for the specimens are mostly quite past the flowering stage, and the others bear very few flowers, all of which are expanded and old. Both the long and short flowers have, however, exserted styles of about equal length.

EUPHORBIACEÆ.

Euphorbia organoides, Linn. (Plate XVII.)*Euphorbia organoides*, Linn., Amœn. Acad., iii. p. 114, et Sp. Pl., ed. 1, p. 453; Forst. in Comment. Gœtt., ix. (1787), reprint, p. 46; Boissier in DC. Prodr., xv. pars 2, p. 15.ASCENSION.—Endemic. *Osbeck; Hooker; Seemann; Curror; Moseley;* and in the British Museum collected by *Buchanan.*

MONOCOTYLEDONES.

CYPERACEÆ.

Cyperus umbellatus, Benth.*Cyperus umbellatus*, Benth., Fl. Hongk., p. 386, et Fl. Austr., vii. p. 289.*Cyperus capito*, Steud., Glumif. Cyp., p. 28.*Mariscus umbellatus*, Vahl, Enum., ii. p. 376; Kunth, Enum. Pl., ii. p. 118.*Mariscus appendiculatus*, Brongn. in Duperr. Voy. "Coquille," Bot. Phanerog., p. 178, t. 34 A.; Kunth, Enum. Pl., ii. p. 81.*Mariscus polycephalus*, A. Rich., Sertum Astrolab., Bot., p. lii.?ASCENSION.—Indigenous? *Lesson; Durville; Hooker.*