

LIV. BRASSAVOLA.

Brassavola. *R. Brown in Hort. Kew. ed. 2. 5. 216.*

Sepala et petala subæqualia, libera, acuminata. Labellum cucullatum, integrum, columnam involvens. Columna marginata, clavata, stigmate infundibulari, clinandrio posticè tridentato. Pollinia 8, subæqualia, quibusdam aliis parvis interjectis. Anthera 4-locularis, septis marginatis, loculis semibipartitis.—Herbæ caulescentes, epiphytæ, apice folium unicum v. alterum, semicylindræum, carnosum, suprâ sulcatum, apice subulatum, gerentes. Flores terminales, magni, speciosi.

1. **BRASSAVOLA cucullata.** *R. Brown in Hort. Kew. ed. 2. 5. 216.*

B. labello cucullato fimbriato apice integro petalis sepalisque acuminatis-simis.

Helleborine floribus albis cucullatis. *Plum. Sp. 9. ic. 179. f. 1.*

Epidendrum cucullatum. *Linn. Sp. Pl. 1350. Bot. Mag. 543.*

Cymbidium cucullatum. *Swartz Nov. Act. Ups. 6. 73.*

Hab. in India Occidentali.

Flores solitarii ochroleuci labello albo.

2. **BRASSAVOLA tuberculata.** *Hooker in Bot. Mag. t. 2878.*

B. labello oblongo cuspidato integerrimo, sepalis pedunculo ovarioque tuberculatis, dentibus clinandrii fimbriatis.

Hab. in Brazilia ad Rio Janeiro ; Hooker, Forbes. (v. v. c. et hab. s. sp.)

Folia sæpiùs tribus sulcis exarata. Sepala rubro-fusco maculata. Petala et labellum alba. Flores inodori.

Dr. Hooker's figure in the Botanical Magazine is excellent, and particularly well represents the rare circumstance of a few additional minute pollen masses being found with the usual ones. I formerly called this *Brassavola trinervis*, under which name it was distributed by the Horticultural Society.

3. **BRASSAVOLA nodosa.**

B. labello cordato acuminato integerrimo, sepalis petalisque acuminatis brevibus, dentibus lateralibus clinandrii integris posticâ bifidâ.

Epidendrum curassavicum Orchidi affine. *Herm. Parav. 187. t. 187.*

Viscum delphinii flore minus, &c. *Sloane Jam. 1. 251. t. 125. f. 1.*

Epidendrum nodosum. *Linn. Sp. Pl. 1350. Jacq. Amer. 226. t. 140. Swartz Obs. 328.*

Cymbidium nodosum. *Swartz Nov. Act. Ups. 6. 73. Willd. no. 24.*

Hab. in sylvis insulæ Baru, Jacquin, Jamaica ; Sloane.

Planta pedalis speciosa. Flores sessiles, magni, elegantes, de die ferè inodori, noctu autem odore præditi fragrantissimo, vix ulli cedente, quidam habente Liliæ albi, nectarium (labellum) gerunt niveum, et germen petalæque subflavescentia ; *Jacquin.*

4. **BRASSAVOLA subulifolia.**

B. labello integro, sepalis petalisque acuminatissimis, spicâ pauciflorâ, foliis longissimis subuliformibus.

Hab. in insula Nevis ; Tobin. (v. s. sp. in Herb. Lambert.)

Caules teretes, graciles, 4-5-unciales, cæspitosi, vaginis membranaceis cinereis arctè vestiti. Folia palmaria et ultrâ, angustissima, acuminatissima. Ovarium collo gracillimo longissimo. Flores foliis breviores. Cætera haud bene vidi. Species distinctissima.