

# GENERA PLANTARUM.

AD EXEMPLARIA IMPRIMIS IN HERBARIIS KEWENSIBUS SERVATA  
DEFINITA;

AUCTORIBUS

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VOLUMEN TERTIUM,

SISTENS MONOCHLAMYDEARUM, GYMNOSPERMEARUM ET  
MONOCOTYLEDONUM ORDINES LXXIII.

LONDINI:

VENIT APUD

L. REEVE & CO., 5 HENRIETTA STREET, COVENT GARDEN;  
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MDGCCLXXXIII.

specie (*C. bicolor*), lamina lato cordata v. sublobata longior est. In *C. crisp*o labellum in lobos 2 angustos divaricatos (stigmatis brachia, *Lindl.* 2) dividitur, appendice dorsali (labello, *Lindl.*) longe obovata retusa; in *C. exciso* lamina basi in auriculis 2 longissimas angustas parallelas producitur; in *C. latifolio*, *Harv.*, lamina terminalis lanceolata v. subcordata est; appendice nulli dorsali.

330. *Ceratandra*, *Eckl.*; *Lindl. Gen. et Sp. Orch.* 363.—Sepalum posticum erectum, cum petalis in galeam agglutinatum; lateralia libera, patentia, plana. Labellum columna adnatum, ultra antheras unguiculatum, patens, lamina lunata v. transversa, nuda v. appendiculata. Columna brevis, labello adnata; rostellum lobi laterales elongati, erecti, canaliculati v. a latere convoluti, medius brevissimus v. ampliat; stigma sub rostellum transversum, interdum 2-lobum v. 2-partitum. Anthera cum clinandrio reflexa, loculis adnatis, apicibus inferis at ob reversionem antheræ erectis lobis lateralibus rostellum applicitis v. subinvolutis; pollinia in loculis solitaria, granulosa, caudiculis longiusculis erectis, glandulis nudis.—Capsula erecta v. subpatens, anguste oblonga, crostris.—Herbae terrestres, foliosae, fibris irregulariter in tubera incrassatis. Folia angusta. Flores mediocres, in racemo denso v. spica conferti, breviter pedicellati v. sessiles, rarius pauci laxeracemosi. Bracteae flore breviores.

Species 7 v. 8, Africa australis incolæ. *Sond.* in *Linnaea*, xix. 108. *Bauer, Illustr. Orch. Gen.* t. 16.

*C. Harveyana*, *Lindl.* l. c. 365, pro sectione (*Ecota*) separatur, ob rostellum amplissimum sinuatum, fere galeatum, lobis vix distinctis. Flores in herb. *Lindl.* solè vidimus, ubi structuram examinare nequimus.

#### TRIBUS V. CYPRIPEDIÆ.

331. *Cypripedium*, *Linnaeus, Gen. n.* 1015. (*Criosanthes*, *Raf.* in *Journ. Phys.* lxxxix. 102.)—Sepala patentia, libera v. lateralia sepius sub labello ad apicem connata. Petala libera, nunc sepalis multo angustiora nunc sublatisiora. Labellum sessile, patens, inflato-calceiforme; lobi laterales ad basin calceoli parvi, auriculiformes, inflexi v. patentes. Columna brevis, teres. Antheræ perfectæ 2, ad latera rostellum sessiles v. brevissime stipitate, subglabrosæ, loculis parallelis contiguis; pollen granulorum; antheridium pone rostellum erectum v. incumbens, late laminiforme v. carnosum, facie interdum loculos 2 imperfectos ferens. Rostellum inter antheras perfectas erectum v. antrorsum, inflexum, breve, apice in discum rotundatum 3-angulare v. 3-lobum subtus (antice) papilloso-stigmatosum dilatatum. Capsula elongata v. oblonga, 1-locularis (placentis intrusis sed medium cavi non attingentibus).—Herbae terrestres v. rarius epiphyticae, rhizomate brevi v. repente, caule erecto simpliciter varie foliato. Pedunculus terminalis, simplex, 1- rarius 2-florus, v. rarissime flores plures foliaceo-bracteati. Flores speciosi, pedicellati.

Species editæ ultra 40, plures tamen vix distinctæ, Europa, Asia temperatæ et tropicæ, America borealis et Mexici incolæ. *Lindl. Gen. et Sp. Orch.* 525. *Reichb. f.* in *Walp. Ann.* iii. 602; in *Bonpl.* 1855, 227; in *Bot. Zeit.* 1862, 213; 1863, 128; 1865, 99. *Saltst.* in *Trans. Linn. Soc.* i. 76; t. 2, 3 (ubi nomina specifica Artioniana perperam mutata). *Blume, Orch. Archip. Ind.* 164. Præter icones infra citatas genus in diariis hortulanorum recentioribus passim illustratur.

Species ex habitu et foliis facile in series 3 sequentes distribuuntur:—

1. *Foliosa*. Folia secus caulem 3-∞, alternâ, venis prominentibus percursa. Species Americæ Europæ v. Asiæ temperatæ. *Reichb. Ic. Fl. Germ.* t. 496 ad 498. *Nees, Gen. Fl. Germ. Monog.* iii. n. 12. *Bégl.*  *Ic. Orch. Alp. Marit.* t. 63. *Dene.* in *Jacquem. Voy. Bot.* t. 166. *Blume, Orch. Archip. Ind.* t. 60. *Hook. Fl. Bor. Amer.* t. 206. *Bot. Mag.* t. 216, 911, 2938, 3024, 5855. *Bot. Reg.* t. 1534, 1666; 1846 t. 58. *Sweet, Brit. Fl. Gard. ser.* 2, t. 1.

Inter species Americanas *C. passerinum*, *Reichb.*, et *C. californicum*, *A. Gray*, insignes sunt floribus solito minoribus et capsula brevi. *ARIETINUM*, *Reichb. Bot. N. and Müll. U. S.* 352, est *C. arietinum*. *Bot. Mag.* t. 1569; *Sweet, Brit. Fl. Gard.* t. 213, species parvula angustifolia, sepalis lateralibus fere a basi liberis.

2. *Diphyllæ*. Folia 2, venis prominentibus percursa v. membranacea. Species temperatæ. Huc

includuntur *C. acule*, Ait., ex America boreali, foliis ad basin caulis scapiformis approximatis. *Bot. Mag.* t. 192. *Sweet, Brit. Fl. Gar.* ser. 2, t. 161. *C. guttatum*, Sw., ex Asia temperata, foliis secus caulem dissitis. *Reichb. Ic. Fl. Germ.* t. 495, et *C. japonicum*, Thunb., et *C. debile*, Reichb. f. e Japonia, foliis in medio caule suboppositis. *Blume, Orch. Archip. Ind.* t. 59.

3. *Coriacea*. Folia ad basin caulis scapiformis 2-flori conferta, coriacea, sæpe angusta. Species omnes tropicæ Asiaticæ usque ad Borneo extense. *Blume, Rudphia*, iv. 56, t. 195, 198. *Orch. Archip. Ind.* t. 58. *Lindl. Collect. Bot.* t. 32. *Wight, Ic.* t. 1760. *Hook. Exot. Fl.* t. 34, 35. *Bot. Mag.* t. 2129, 3412, 4234, 4901, 4990, 5024, 5349, 5362, 5508, 5513, 5791, 5922, 6175, 6296, 6492, 6490. *Bot. Beech.* t. 788, 1991, 1812, s. 17. *Reichb. f. Xen. Orch.* t. 103, 132, 133, 141, 161, 201, 209.

332. *Selenipedium*, *Reichb. f. Xen. Orch.* t. 3, t. 2, 27, 44, 62, 181.—Sepala patentia, posticum liberum, lateralia sub labello ad apicem conferta. Petala libera, nunc sepalis multo angustiora interdum longe caudata, nunc sepalis sublitoria obtusa. Labellum sessile, patens, inflato-calceiforme (nisi abnorme). Columna brevis, teres. Antheræ perfectæ 2, ad latera rostellii sessiles v. brevissime stipitate, subglobose, loculis parallelis contiguis; pollen granulosum; antheridium pone rostellum erectum v. incumbens late laminiiforme v. carnosum. Rostellum inter antheras perfectas breve, erectum v. antrorsum inclinatum, apice in discum subtus (antice) papilloso-stigmatosum dilatatum. Ovarium perfecte 3-loculare. Capsula elongata, 3-locularis.—Herbæ terrestres, rhizomate brevi v. repente, caule erecto varie foliato. Pedunculus terminalis, simplex v. ramosus, cæ-florus. Flore speciosi v. rarius mediocres, pedicellati.

Species ad 10, America australis montanae incolæ. *Reichb. f. in Segm. Bot. Her.* t. 44. *Hook. Ic. Pl.* t. 658. *Bot. Mag.* t. 5466, 5614, 5970, 6217 (i.e. omnes sub *Cypripedio*).

Genus a *Cypripedio* vix nisi ovario perfecte septato et patria distinguitur. Species in series 2 distribuuntur:—

1. *Coriacea*. Folia ad basin caulis conferta, coriacea. Racemus laxus, sæpe ramosus, floribus speciosis. Bractee sæpius spathaceæ. Huc referuntur icones omnes supra citatæ.

2. *Foliose*. Folia secus caulem alternæ, venis prominentibus percursa, angusta. Flores in racemo densiusculo, mediocres v. parvuli. Bractee ovatae, patentes. Huc *S. palmifolium*, *Reichb. f. Xen. Orch.* t. 2, cum specie ei valde affini, utraque e Guiana. Habitus ei *Apostasia* accedit.

*Урокедитъ*, *Lindl. Orch. Linden:* 28. *Brongn. in Ann. Sc. Nat. ser. 3*, xiii. 113; *Reichb. f. Xen. Orch.* t. 32, t. 15; *Regel, Gart. Fl.* t. 315, est species Colombiana, *S. caudato* in omnibus conformis, nisi labello non calcolato, sed petalis conforme v. basi paullo latiore concavoque. Est verisimiliter, sententia Blumei aliorumque, varietas monstruosa v. abnormis etsi persistens, quæ eandem rationem habet *Selenipedio*, quam *Actinia Dendrobio*, *Paxtonia Spathoglottidi*, *Argyrorchis Macodi*, etc.

333. *Apostasia*, *Blume, Bijdr.* 423, t. 5, et *Nov. Pl. Fam. in Ann. Sc. Nat. ser. 2*, ii. 93. (*Niemeyerâ, F. Muell. Fragm. Phyt. Austral.* vi. 96.)—Sepala petala et labellum consimilia, aequalia, libera, patentia v. recurva. Columna brevis. Antheræ perfectæ 2, ad latera rostellii breviter stipitate, angustæ, erectæ, loculis parallelis contiguis sæpe parum inæqualibus; pollen granulosum; antheridium pone rostellum erectum angustum v. 0. Rostellum (stylus) ad apicem columnæ erectum, elongatum, apice in discum parvum stigmatosum integrum v. 3-dentatum dilatatum. Ovarium perfecte 3-loculare. Capsula linearis, 3-locularis.—Herbæ terrestres, rhizomate brevi, caule erecto simplici undique foliato. Folia angusta, venis prominentibus percursa. Spicæ in axillis summis v. in apice caulis sessiles, confertæ, simplices v. ramosæ, sæpissime patentes v. recurvæ. Flores parvi, sessiles. Bractee angustæ.

Species ad 4, Indis orientalis Archipelagi Malayani et Australiae tropicæ incolæ. *R. Br. in Wall. Pl. Austr.* i. 74, t. 84, 85. *Bauer, Illustr. Orch. Fruct.* t. 15. *Griff. Ic. Pl. Austr.* t. 282. *Benth. Fl. Austral.* vi. 395. *Reichb. f. Xen. Orch.* t. 196; et in *Flora*, 1872, 278.

Characteres florales et fructus, labello excepto, parum a *Selenipedio* differunt, et habitus et folia ab illis *Selenipedio palmifolii* haud dissimilia.

334. *Neuwiedia*, *Blume, Nov. Pl. Fam. in Ann. Sc. Nat. ser. 2*, ii. 93.—Sepala et petala consimilia, aequalia, libera, conniventia v. demum patentia. Labellum petalis