

NOTES FROM THE OIC: ORCHID GENERA LECTOTYPES

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ABSTRACT: Listing of orchid genera lectotypes citing place of publication and author.

Key words: Orchidaceae, lectotype, generic, taxonomy, publication

In doing library research for my forthcoming book, *The Illustrated Dictionary of Orchid Genera*, I came across many orchid genera names that had been lectotyped, but usually nothing further in the way of information. I needed to verify that the name had been lectotyped, when and by whom. So I went on a quest to research this quagmire, and though I managed to locate many sources, a few have escaped me. The lectotyped names are located in various journals and books, and some generic names have even been lectotyped by more than one author.

Listing of orchid genera lectotypes citing place of publication:

Aa, Reichenbach f., *Xenia* Orchid. 1: 18. (1854).
LECTOTYPE: *A. paleacea* (Kunth) Schlechter (*Ophrys paleacea* Kunth) designated by Schlechter, *Repert. Spec. Nov. Regni Veg.*, 11: 147. (1912) and Baillon, *Dict. Bot.*, 4: 309. (1892).

Acianthera Schweidweiler, *Allg. Gartenzeitung*. 10(37): 292. (1842).
LECTOTYPE: *A. punctata* Schweidweiler designated by Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.*, 20: 12 (1986).

Acianthus R. Brown, *Prodr. Fl. Nov. Holland*. 321. (1810).
LECTOTYPE: *A. exsertus* R. Brown designated by N. Hallé, *Fl. Nouv.-Caléd.*, 8: 418. (1977).
LECTOTYPE: *A. fornicatus* R. Brown designated by M.A. Clements, *Austral. Orchid Res.*, 1: 9. (1989).

Acostaeca Schlechter, *Repert. Spec. Nov. Regni Veg. Beih.* 19: 22, 283. (1923).
LECTOTYPE: *A. costaricensis* Schlechter designated by Index Nominum Genericorum: card 64/24402. (1967).

Amalia Reichenbach f., *Herb. Nomen*. 52. (1841).
LECTOTYPE: *Bletia grandiflora* LaLlave designated by Garay and Sweet, *J. Arnold Arb.*, 53: 515. (1972).

Amphigena Rolfe, *Fl. Cap. (Harvey)*, 5(3): 197. (1913).

LECTOTYPE: *A. leptostachya* (Sonder) Rolfe (*Disa leptostachya* Sonder) designated by E.P. Phillips, *Gen. S. Afr. Fl. Pl. ed. 2*, 236. (1951).

Anathallis Barbosa Rodrigues, *Gen. Sp. Orchid* 1: 23, t 470. (1877).

LECTOTYPE: *A. fasciculata* Barbosa Rodrigues designated by Garay, *Orquideología*, 9: 122 (1974).

Ancistrorhynchus Finet, *Bull. Soc. Bot. France* 54(9): 44. (1907).

LECTOTYPE: *A. recurvus* Finet designated by Summerhayes, *Bot. Mus. Leaf.*, 11: 204, 213. (1944).

Anguloa Ruiz & Pavón, *Fl. Peruv. Prodr.* 118, t 26. (1794).

LECTOTYPE: *A. uniflora* Ruiz & Pavón designated by Ruiz and Pavón, *Syst. Veg. Fl. Peruv. Chil.*, 1: 228. (1798).

Ania Lindley, *Gen. Sp. Orchid. Pl.* 129. (1831).
LECTOTYPE: *A. angustifolia* Lindley designated by H. Turner, *Orch. Monog.*, 6: 49. (1992), P. J. Cribb, *Gen. Orch.*, 4: 159. (2005), and Senghas, *Orchideen (Schlechter) ed. 3*, 1: 863. (1984).

Anochilus Schlechter ex Rolfe, *Fl. Cap. (Harvey)*. 5(3): 280. (1913).

LECTOTYPE: *A. inversus* (Thunberg) Rolfe (*Ophrys inversus* Thunberg) designated by E.P. Phillips, *Gen. S. Afr. Fl. Pl. ed. 2*, 238. (1951).

Appendicula Blume, *Bijdr. Fl. Ned. Ind.* 7: 297, t 40. (1825).

LECTOTYPE: *A. alba* Blume designated by N. Hallé, *Fl. Nouv. Calé. & Depend.*, 8: 345. (1977).

Arachnis Blume, *Bijdr. Fl. Ned. Ind.* 8: 365, t 26. (1825).

LECTOTYPE: *A. flos-aeris* (Linnaeus) Reichenbach f. (*Epidendrum flos-aeris* Linnaeus) designated by J.J. Wood, *Taxon*, 48: 47. (1999).

Arethusa Linnaeus, *Sp. Pl. (Linnaeus)*, ed. 1, 2: 950. (1753).

LECTOTYPE: *A. bulbosa* Linnaeus designated by Britton and Brown, *Ill. Fl. N.U.S. ed. 2*, 1: 562. (1913).

- Arundina** Blume, Bijdr. Fl. Ned. Ind. 8: 401, t 73. (1825).
LECTOTYPE: *A. speciosa* Blume designated by Garay and Sweet, Orchids S. Ryukyu Islands, 52. (1974).
- Ascocentrum** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 1: 975. (1913).
LECTOTYPE: *A. miniatum* (Lindley) Schlechter (*Saccolabium minutum* Lindley) designated by Summerhayes, Index Nominum Genericorum, card 24468. (1967).
- Ascochilus** Ridley, J. Linn. Soc., Bot. 32: 374. (1896).
LECTOTYPE: *A. siamensis* Ridley designated by Garay, Bot. Mus. Leaf., 23: 161. (1972).
- Auliza** Salisbury ex Small, Fl. Miami 55. (1913).
LECTOTYPE: *Epidendrum nocturnum* Jacquin designated by Britton and Millspaugh, Bahama Fl., 96. (1920).
- Barbosella** Schlechter, Repert. Spec. Nov. Regni. Veg. 15: 259. (1918).
LECTOTYPE: *B. miersii* (Lindley) Schlechter (*Pleurothallis miersii* Lindley) designated by Angely, Fl. Analitica Fitogeogr. Estado São Paulo, 1282. (1969).
LECTOTYPE: *B. gardneri* (Lindley) Schlechter (*Pleurothallis gardneri* Lindley) designated by Luer, Selbyana, 5: 386. (1981).
- Beloglottis** Schlechter, Beih. Bot. Centralbl. 37(2): 364. (1920).
LECTOTYPE: *B. costaricensis* (Reichenbach f.) Schlechter (*Spiranthes costaricensis* Reichenbach f.) designated by Garay, Fl. Ecuador, 9: 253. (1978).
LECTOTYPE: *B. boliviensis* Schlechter designated superfluously by Burns-Balogh, Amer. J. Bot., 69(7): 1131. (1982).
- Benthamia** A. Richard, Mem. Soc. Hist. Nat. Paris 4: 37. (1828).
LECTOTYPE: *B. latifolia* A. Richard designated by P.J. Cribb, Gen. Orch., 2: 261. (2001).
- Bifrenaria** Lindley, Gen. Sp. Orchid. Pl. 152. (1832).
LECTOTYPE: *B. atropurpurea* (Loddiges) Lindley (*Maxillaria atropurpurea* Loddiges) designated by S. Koehler, Brittonia, 56(4): 318. (2004).
- Bipinnula** Commerson ex Jussieu, Gen. Pl. 65. (1789).
LECTOTYPE: *B. biplumata* (Linnaeus f.) Reichenbach f. (*Arethusa biplumata* Linnaeus f.) designated by M.N. Correa, Gen. Orch., 3: 5. (2003).
- Blephariglottis** Rafinesque, Fl. Tellur. 2: 38. (1837).
LECTOTYPE: *B. albiflora* (Michaux) Rafinesque (*Orchis ciliaris* v. *alba* Michaux) designated by Britton and Brown, Ill. Fl. N.U.S. ed. 2, 1: 556. (1913).
- Bletia** Ruiz & Pavón, Fl. Peruv. Prodr. 119, t 26. (1794).
LECTOTYPE: *B. catenulata* Ruiz & Pavón designated by Britton and Millspaugh, Bahama Fl., 96. (1920).
- Bolusiella** Schlechter, Beih. Bot. Centralbl. 36(2): 105. (1918).
LECTOTYPE: *B. maudae* (Bolus) Schlechter (*Angraecum maudae* Bolus) designated by Butzin, Taxon, 32: 630. (1983).
- Bontiana** Petiver, Gaz. 1: 70, t 44. (1704).
LECTOTYPE: *B. luzonica* Petiver designated by P.J. Cribb, Taxon, 48: 47. (1999).
- Brachionidium** Lindley, Fol. Orchid. 8: Brachionidium 8. (1859).
LECTOTYPE: *B. parvifolium* (Lindley) Lindley (*Restrepia parvifolia* Lindley) designated by Garay, Canad. J. Bot., 34: 721. (1956).
- Brachystele** Schlechter, Beih. Bot. Centralbl. 37(2): 370. (1920).
LECTOTYPE: *B. unilateralis* (Poiret) Schlechter (*Ophrys unilateralis* Poiret) designated by Cabrera, DAGI Publicaciones Técnicas, 1: 16. (1942), and Luer, Selbyana, 5: 386. (1981).
- Brasiliorchis** R. Singer, S. Koehler, & Carnevali, Novon 17(1): 94. (2007).
LECTOTYPE: *B. picta* (Hooker) R. Singer, S. Koehler, & Carnevali (*Maxillaria picta* Hooker) designated by R. Singer, Novon, 17: 97. (2007).
- Brenesia** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 19: 200. (1923).
LECTOTYPE: *B. costaricensis* Schlechter designated by K. Barringer, Fieldiana, Bot., 17: 4. (1986).
- Brownleea** Harvey ex Lindley, J. Bot. (Hooker) 1: 16. (1842).
LECTOTYPE: *B. parviflora* Harvey ex Lindley designated by E.P. Phillips, Gen. S. Afr. Fl. Pl. ed. 2, 235. (1951).
- Bulbophyllum** Thouars, Hist. Orchid. Table 3, sub 3u, TT. 93–110. (1822).
LECTOTYPE: *B. nutans* Thouars designated by M.L. Green, Prop. Brit. Bot., 100. (1929).
- Caladenia** R. Brown, Prodr. Fl. Nov. Holland. 323. (1810).
LECTOTYPE: *C. flava* R. Brown designated by Pfitzer, Nat. Pflanzenfam., 2(6): 104. (1889).
- Caleana** R. Brown, Prodr. Fl. Nov. Holland. 329. (1810).

- LECTOTYPE: *C. major* R. Brown designated by Blaxell, Contr. New South Wales Natl. Herb., 4: 279. (1972).
- Calochilus** R. Brown, Prodr. Fl. Nov. Holland. 320. (1810).
LECTOTYPE: *C. paludosus* R. Brown designated by M.A. Clements, Austral. Orchid Res., 1: 35. (1989).
- Calopogon** R. Brown, Hortus Kew, ed. 2 5: 204. (1813).
LECTOTYPE: *C. tuberosus* (Linnaeus) Britton, Sterns, & Poggenburg (*Limodorum tuberosum* Linnaeus) designated by Mackenzie, Rhodora, 27: 194. (1925).
- Calymanthera** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 1: 955. (1913).
LECTOTYPE: *C. tenuis* Schlechter designated by Kores, Allertonia, 5: 183. (1989).
- Capanemia** Barbosa Rodrigues, Gen. Sp. Orchid. 1: 137, t354. (1877).
LECTOTYPE: *C. micromera* Barbosa Rodrigues designated by Cogniaux, Fl. Bras. (Martius), 3(6): 169. (1904).
- Caularthron** Rafinesque, Fl. Tellur. 2: 40. (1837).
LECTOTYPE: *C. bicornutum* (Hooker f.) Rafinesque (*Epidendrum bicornutum* Hooker f.) designated by van den Berg, Gen. Orch., 4: 220. (2005).
- Centrogenium** Schlechter, Beih. Bot. Centralbl. 37(2): 451. (1920).
LECTOTYPE: *C. calcaratum* (Swartz) Schlechter (*Neottia calcarata* Swartz) designated by M.N. Correa, Darwiniana, 11: 81. (1955).
- Centroglossa** Barbosa Rodrigues, Gen. Sp. Orchid. 2: 234. (1882).
LECTOTYPE: *C. tripollinica* (Barbosa Rodrigues) Barbosa Rodrigues (*Ornithocephalus tripollinica* Barbosa Rodrigues) designated by Index Nominum Genericorum, card 64/15478. (1962).
- Centrostigma** Schlechter, Bot. Jahrb. Syst. 53: 522. (1915).
LECTOTYPE: *C. occultans* (Welwitsch ex Reichenbach f.) Schlechter (*Habenaria occultans* Welwitsch ex Reichenbach f.) designated by Summerhayes, Kew Bull., 11: 219. (1951).
LECTOTYPE: *C. schlechteri* (Kraenzlin) Schlechter (*Habenaria schlechteri* Kraenzlin) designated by E.P. Phillips, Gen. S. Afr. Fl. Pl. ed. 2, 232. (1951).
- Cephalanthera** Richard, De Orchid. Eur. 21, 29, 38. (1817).
LECTOTYPE: *C. damasonium* (P. Miller) Druce (*Serapias damasonium* P. Miller) designated by Druce, Ann. Scot. Nat. Hist., 60: 225. (1906).
- Ceratandra** Ecklon ex F.A. Bauer, Ill. Orch. Pl. (Bauer & Lindley), t16. (1837).
LECTOTYPE: *C. atrata* (Linnaeus) T. Durand & Schinz (*Ophrys atrata* Linnaeus) designated by T. Durand and Schinz, Nomencl. Bot. ed. 2, 2: 415. (1895).
- Ceratandropsis** Rolfe, Fl. Cap. (Harvey), 5(3): 266. (1913).
LECTOTYPE: *C. grandiflora* (Lindley) Rolfe (*Ceratandra grandiflora* Lindley) designated by E.P. Phillips, Gen. S. Afr. Fl. Pl. ed. 2, 238. (1951).
- Ceratostylis** Blume, Bijdr. Fl. Ned. Ind. 7: 304, t 56. (1825).
LECTOTYPE: *C. graminea* Blume designated by P.J. Cribb, Gen. Orch., 4: 546. (2005).
LECTOTYPE: *C. subulata* Blume designated by Butzin, Taxon, 32: 630. (1983), and van Royen, Orchid. High Mts. New Guinea, 455. (1979).
- Cestichis** Thouars ex Pfitzer, Entwurf Anordn. Orch. 56, 101. (1887).
LECTOTYPE: *C. caespitosa* (Lamarck) Ames (*Epidendrum caespitosum* Lamarck) designated by Ames, Orchidaceae, 2: 132. (1908).
- Chaetocephala** Barbosa Rodrigues, Gen. Sp. Orchid. 2: 37, t 802. (1881).
LECTOTYPE: *C. punctata* Barbosa Rodrigues designated by Index Nominum Genericorum, card 64/15508. (1962).
- Chamaeangis** Schlechter, Beih. Bot. Centralbl. 36(2): 107. (1918).
LECTOTYPE: *C. gracilis* (Thouars) Schlechter (*Angraecum gracile* Thouars) designated by Garay, Bot. Mus. Leaflet, 23: 165. (1972).
- Cheirorchis** Carrière, Gard. Bull. Straits Settlement. 7: 40. (1932).
LECTOTYPE: *C. breviscapa* Carrière designated by Holtum, Kew Bull., 14: 272. (1960).
- Chelonanthera** Blume, Bijdr. Fl. Ned. Ind. 8: 382, t 51. (1825).
LECTOTYPE: *C. gibbosa* Blume designated by Pfitzer, Pflanzenr., IV. 50 IIB(Heft 32): 141. (1907).
- Chloidia** Lindley, Gen. Sp. Orchid. Pl. 484. (1840).
LECTOTYPE: *C. polystachya* (Swartz) Reichenbach f. (*Serapias polystachya* Swartz) indirectly designated by Cogniaux, Fl. Bras. (Martius), 3(4): 276. (1895).
- Chloraea** Lindley, Quart. J. Sci. Lit. Arts, ser. 2 1: 47. (1827).
LECTOTYPE: *C. virescens* (Willdenow) Lindley (*Cymbidium virescens* Willdenow) designated by M.N. Correa, Gen. Orch., 3: 7. (2003).
- Chrysoglossum** Blume, Bijdr. Fl. Ned. Ind. 7: 337, t 7. (1825).

- LECTOTYPE: *C. ornatum* Blume designated by J.J. Smith, Bull. Jard. Bot. Buitenzorg ser. 2, 8: 3. (1912).
- Chytroglossa** Reichenbach f., Hamburger Garten-Blumenzeitung 19: 546. (1863).
LECTOTYPE: *C. aurata* Reichenbach f. designated by Angely, Fl. Analitica Fitogeogr. Estado São Paulo, 6: 1328. (1973).
- Cladobium** Schlechter, Beih. Bot. Centralbl. 37(2): 431. (1920).
LECTOTYPE: *C. ceracifolium* (Barbosa Rodrigues) Schlechter (*Spiranthes ceracifolia* Barbosa Rodrigues) designated by Burns-Balogh, Amer. J. Bot., 69: 1131. (1982).
- Cleisostoma** Blume, Bijdr. Fl. Ned. Ind. 8: 362, t 27. (1825).
LECTOTYPE: *C. sagittatum* Blume designated by Garay, Bot. Mus. Leaf., 23: 168. (1972).
- Codonorchis** Lindley, Gen. Sp. Orch. Pl. 410. (1840).
LECTOTYPE: *C. lessonii* (d'Urville) Lindley (*Epipactis lessonii* d'Urville) designated by M.N. Correa, Fl. Patagonica, 7(2): 191. (1970).
- Coeloglossum** Hartman, Handb. Skand. Fl. 323, 329. (1820).
LECTOTYPE: *C. viride* (Linnaeus) Hartman (*Satyrium viride* Linnaeus) designated by Britton and Brown, Ill. Fl. N.U.S. ed. 2, 1: 552. (1913).
- Coelogyne** Lindley, Collect. Bot. sub t33. (1821).
LECTOTYPE: *C. cristata* Lindley designated by C.H. Curtis, Orchids, 82. (1950).
- Coilostylis** Rafinesque, Fl. Tellur. 4: 37. (1838).
LECTOTYPE: *C. emarginata* (Linnaeus) Rafinesque (*Epidendrum ciliare* Linnaeus) designated by Christenson, Richardiana, 3: 114. (2003).
- Comparettia** Poeppig & Endlicher, Nova Gen. Sp. 1: 42, t 73. (1836).
LECTOTYPE: *C. falcata* Poeppig & Endlicher indirectly designated by Reichenbach f., Ann. Bot. Syst., 6: 688. (1863) and designated by Britton and Wilson, Sci. Surv. Puerto Rico, 5(2): 211. (1924).
- Comperia** K. Koch, Linnaea 22: 287. (1849).
LECTOTYPE: *C. comperiana* (Steven) Ascherson & Graebner (*Orchis comperiana* Steven) designated by Ascherson and Graebner, Syn. Mitteleur. Fl., 3: 620. (1907).
- Corycium** Swartz, Kongl. Vetensk. Acad. Nya Handl., ser. 2, 21: 220, t 3g. (1800).
LECTOTYPE: *C. orobanchoides* (Linnaeus f.) Swartz (*Satyrium orobanchoides* Linnaeus f.) designated by H. Kurzweil, Gen. Orch., 2: 23. (2001).
- Corysanthes** R. Brown, Prodr. Fl. Nov. Holland. 328. (1810).
LECTOTYPE: *C. fimbriata* R. Brown designated by Endlicher, Gen. Pl. (Endlicher), 218. (1837).
- Cranichis** Swartz, Nov. Gen. Spec. Pl. Prodr. 8: 120. (1788).
LECTOTYPE: *C. muscosa* Swartz designated by Acuña, Cat. Descr. Orquideas Cuba, 60: 48. (1939).
- Crepidium** Blume, Bijdr. Fl. Ned. Ind. 8: 387, t 63. (1825).
LECTOTYPE: *C. reedii* Blume designated by Szlachetko, Fragm. Florist. Geobot. Suppl., 3: 123. (1995).
- Cryptophoranthus** Barbosa Rodrigues, Gen. Sp. Orchid. Nov. 2: 79, t 476. (1881).
LECTOTYPE: *C. fenestratus* (Barbosa Rodrigues) Barbosa Rodrigues (*Pleurothallis fenestrata* Barbosa Rodrigues) designated by Butzin, Taxon, 32: 631. (1983) and Acuña, Cat. Descr. Orquideas Cuba, 60: 115. (1939).
- Cryptostylis** R. Brown, Prodr. Fl. Nov. Holland. 317. (1810).
LECTOTYPE: *C. longifolia* R. Brown designated by Averyanov, Bot. Zhurn. (Moscow & Leningrad), 75: 1021. (1990).
- Cymbidiella** Rolfe, Orchid Rev. 26: 58. (1918).
LECTOTYPE: *C. flabellata* (Thouars) Rolfe (*Cymbidium flabellatum* Thouars) designated by P. Alrich, Ill. Dict. Orchid Gen., 108. (2008).
- Cymbidium** Swartz, Nova Acta Regiae Soc. Sci. Upsal. ser. 2, 6: 70. (1799).
LECTOTYPE: *C. aloifolium* (Linnaeus) Swartz (*Epidendrum aloifolium* Linnaeus) designated by P.F. Hunt, Kew Bull., 24: 94. (1970).
- Cynorkis** Thouars, Nouv. Bull. Sci. Soc. Philom Paris 1: 317. (1809).
LECTOTYPE: *C. fastigiata* Thouars designated by P.J. Cribb, Man. Cult. Orch. Sp., 108. (1981).
- Cypripedium** Linnaeus, Sp. Pl. (Linnaeus) ed. 1 2: 951. (1753).
LECTOTYPE: *C. calceolus* Linnaeus designated by Salisbury, Parad. Lond., 2: t 89. (1807).
- Cyrtidium** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 27: 178. (1924).
LECTOTYPE: *C. rhomboglossum* (F. Lehmann & Kraenzlin) Schlechter (*Chrysocycnis rhomboglossa* F. Lehmann & Kraenzlin) designated by Garay, Orquideologia, 4: 8. (1969).
- Cyrtochilum** Kunth, Nov. Gen. Pl. 1: 349, t 84. (1816).
LECTOTYPE: *C. undulatum* Kunth designated by Garay, Bradea, 1(40): 398. (1974).

- Cyrtopera** Lindley, Gen. Sp. Orchid. Pl. 189. (1833).
LECTOTYPE: *C. woodfordii* (Sims) Lindley (*Cyrtopodium woodfordii* Sims) designated by A. Richard, Dict. Univ. Hist. Nat., 4: 561. (1844).
- Cyrtorchis** Schlechter, Orchideen (Schlechter), ed. 1, 595. (1914).
LECTOTYPE: *C. arcuata* (Lindley) Schlechter (*Angraecum aracuatum* Lindley) designated by Summerhayes, Kew Bull., 3: 278. (1948).
- Cyrtosia** Blume, Bijdr. Fl. Ned. Ind. 8: 396, t 6. (1825).
LECTOTYPE: *C. javanica* Blume designated by Pfeiffer, Nomencl. Bot. (Pfeiffer), 1: 991. (1873).
- Cystorchis** Blume, Coll. Orch. 1: 87. (1855).
LECTOTYPE: *C. variegata* Blume designated by Ridley, J. Linn. Soc. (Bot.), 32: 399. (1896).
- Dactylorhiza** Necker ex Nevski, Trudy Bot. Inst. Akad. Nauk S.S.S.R., Ser. 1, Fl. Sist. Vyssh. Rast. 4: 332. (1937).
LECTOTYPE: *D. umbrosa* (Karelin & Kirilov) Nevski (*Orchis umbrosus* Karelin & Kirilov) designated by Soó, Orchidee (Hamburg), 19: Sonderheft 13. (1968).
- Deiregyne** Schlechter, Beih. Bot. Centralbl. 37(2): 425. (1920).
LECTOTYPE: *D. chloreaeformis* (A. Richard & Galeotti) Schlechter (*Spiranthes chloreaeformis* A. Richard & Galeotti) designated by Garay, Bot. Mus. Leaflet, 28: 312. (1980). The choice of *D. chloreaeformis* is against the protologue; see Szlachetko, Fragm. Florist. Geobot., 40: 794. (1995).
LECTOTYPE: *D. hemichrea* (Lindley) Schlechter (*Spiranthes hemichrea* Lindley) designated by Burns-Balogh, Amer. J. Bot., 69: 1131. (1982).
- Dendrochilum** Blume, Bijdr. Fl. Ned. Ind. 8: 398, t 52. (1825).
LECTOTYPE: *D. aurantiacum* Blume designated by J.J. Smith, Recueil Trav. Bot. Neerl., 1: 52. (1904).
- Dendrocolla** Blume, Bijdr. Fl. Ned. Ind. 7: 286, t 67. (1825).
LECTOTYPE: *D. hystrix* Blume designated by J.J. Smith, Bull. Jard. Bot. Buitenzorg ser. 3, 3: 303. (1921).
- Dendrolirium** Blume, Bijdr. Fl. Ned. Ind. 7: 343, t 69. (1825).
LECTOTYPE: *D. ornatum* Blume designated by Breiger, Orchideen (Schlechter) ed. 3, 11/12: 717. (1981).
- Desmotrichum** Blume, Bijdr. Fl. Ned. Ind. 329. (1825).
LECTOTYPE: *D. angulatum* Blume designated by P.F. Hunt and Summerhayes, Taxon, 10: 102. (1961).
- Diaphananthe** Schlechter, Orchideen (Schlechter) ed. 1, 593. (1914).
LECTOTYPE: *D. pellucida* (Lindley) Schlechter (*Angraecum pellucidum* Lindley) designated by Schlechter, Beih. Bot. Centralbl., 36(2): 97. (1918).
- Dichaea** Lindley, Gen. Sp. Orchid. Pl. 208. (1833).
LECTOTYPE: *D. echinocarpa* (Swartz) Lindley (*Epidendrum echinocarpon* Swartz) designated by Britton and Wilson, Sci. Surv. Porto Rico, 5: 214. (1924).
- Dichaeopsis** Pfitzer, Entwurf Anordn. Orch. 107. (1887).
LECTOTYPE: *D. graminoides* (Swartz) Schlechter (*Epidendrum graminoides* Swartz) designated by Garay and Sweet, J. Arnold Arbor., 53: 519. (1972).
- Dimerandra** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 17: 43. (1922).
LECTOTYPE: *D. rimbachii* (Schlechter) Schlechter (*Epidendrum rimbachii* Schlechter) designated by Siegerist, Bot. Mus. Leaflet, 30: 204. (1986).
- Disperis** Swartz, Kongl. Vetensk. Acad. Nya Handl. 21: 218, t 3f. (1800).
LECTOTYPE: *D. circumflexa* (Linnaeus) T. Durand & Schinz (*Ophrys circumflexa* Linnaeus) designated by E.P. Phillips, Gen. S. Afr. Fl. Pl. ed. 2, 237. (1951), and Linder and Kurzweil, Orchid S. Afr., 299. (1999).
- Diuris** Smith, Trans. Linn. Soc. London, Bot. 4: 222. (1798).
LECTOTYPE: *D. aurea* Smith designated by Smith, Exot. Bot., 1: 15. (1805).
- Domingoa** Schlechter, Symb. Antill. 7: 496. (1913).
LECTOTYPE: *D. haematochila* (Reichenbach f.) Carabia (*Epidendrum haematochilum* Reichenbach f.) designated by Carabia, Mem. Soc. Cub. Hist. Nat., 17: 143. (1943) and Acuña, Cat. Descr. Orquideas Cuba, 60: 64. (1939).
- Dorycheile** Reichenbach, Deut. Bot. Herb.-Buch 56. (1841).
LECTOTYPE: *D. rubra* (Linnaeus) Fuss (*Serapias rubra* Linnaeus) designated by Fuss, Fl. Transsilv., 628. (1866).
- Dryadorchis** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 1: 976. (1913).
LECTOTYPE: *D. barbellata* Schlechter designated by Senghas, Orchideen (Schlechter) ed. 3, 1(19-20): 1201. (1988).

- Dryorkis** Thouars, Nouv. Bull. Sci. Soc. Philom. Paris 1: 316. (1809).
LECTOTYPE: *D. tripetaloides* Thouars designated by Kurzweil and Manning, Adansonia, ser. 3, 27(2): 172. (2005).
- Elleanthus** C. Presl, Rel. Haenk. 1: 97. (1827).
LECTOTYPE: *E. lancifolius* C. Presl designated by Britton and Wilson, Sci. Surv. Puerto Rico, 5(2): 203. (1924).
- Epiblastus** Schlechter, Nachtr. Fl. Deutsch. Schutzgeb. Südsee 136. (1905).
LECTOTYPE: *E. ornithidioides* Schlechter designated by van Royen, Alpine Fl. New Guinea, 2: 489. (1979).
- Epidendrum** Linnaeus, Sp. Pl. (Linnaeus), ed. 1, 2: 952. (1753).
LECTOTYPE: *E. nocturnum* Jacquin designated by Sprague, Prop. Brit. Bot., 53. (1929).
- Erporkis** Thouars, Nouv. Bull. Sci. Soc. Phil., Paris 1: 317. (1809).
LECTOTYPE: *Goodyera occulta* Thouars designated by Ormerod, Gen. Orch., 3: 136. (2003).
- Eurycentrum** Schlechter, Nachtr. Fl. Deutsch. Schutzgeb. Südsee 89. (1905).
LECTOTYPE: *E. obscurum* (Blume) Schlechter (*Cystorchis obscura* Blume) designated by Ormerod, Gen. Orch., 3: 90. (2003).
- Evelyna** Poeppig & Endlicher, Nova Gen. Sp. 1: 32. (1836).
LECTOTYPE: *E. capitata* Poeppig & Endlicher designated by Dressler, Gen. Orch., 4: 598. (2005) and Pfeiffer, Nomencl. Bot., 1(2): 1321. (1874).
- Evota** Rolfe, Fl. Cap. (Harvey). 5(3): 268. (1913).
LECTOTYPE: *E. harveyana* (Lindley) Rolfe (*Ceratandra harveyana* Lindley) designated by E.P. Phillips, Gen. S. Afr. Fl. Pl. ed. 2, 238. (1951).
- Fernandezia** Ruiz & Pavón, Fl. Peruv. Prodr. 123, t 27. (1794).
LECTOTYPE: *E. subbiflora* Ruiz & Pavón designated by Dunsterville and Garay, Venez. Orchids Ill., 5: 124. (1972).
- Fractiunguis** Schlechter, Anexos Mem. Inst. Butantan, Secéc. Bot. 1(4): 56. (1922).
LECTOTYPE: *F. reflexus* (Reichenbach f.) Schlechter (*Hexisea reflexa* Reichenbach f.) designated by Acuña, Cat. Descr. Orquideas Cuba, 60: 89. (1939).
- Galearis** Rafinesque, Herb. Raf. 71. (1833).
LECTOTYPE: *G. spectabilis* (Linnaeus) Rafinesque (*Orchis spectabilis* Linnaeus) designated by Sheviak, Taxon, 48: 49. (1999).
- Galeottiella** Schlechter, Beih. Bot. Centralbl. 37(2): 360. (1920).
LECTOTYPE: *G. sarcoglossa* (A. Richard & Galeotti) Schlechter (*Spiranthes sarcoglossa* A. Richard & Galeotti) designated by Burns-Balogh, Amer. J. Bot., 69(7): 1131. (1982).
- Gavilea** Poeppig, Frag. Syn. Pl. Chil. 188. (1833).
LECTOTYPE: *G. leucantha* Poeppig designated by M.N. Correa, Gen. Orch., 3: 10. (2003).
- Gennaria** Parlato, Fl. Ital. (Parlato), 3: 404. (1860).
LECTOTYPE: *G. diphylla* (Link) Parlato (*Satyrium diphyllum* Link) designated by Schlechter, Repert. Spec. Nov. Regni Veg., 15: 296. (1918).
- Gigliolia** Barbosa Rodrigues, Gen. Sp. Orch. Nov. 1: 25. (1877).
LECTOTYPE: *G. geraensis* Barbosa Rodrigues designated by Garay, Orquideologia, 9: 117. (1974).
- Glossodia** R. Brown, Prodr. Fl. Nov. Holland. 325. (1810).
LECTOTYPE: *G. major* R. Brown designated by M.A. Clements, Austral. Orchid. Res., 1: 83. (1989).
- Goodyera** R. Brown, Hortus Kew, ed. 2 5: 197. (1813).
LECTOTYPE: *G. repens* (Linnaeus) R. Brown (*Satyrium repens* Linnaeus) designated by Britton and Brown, Ill. Fl. N.U.S. ed. 2, 1: 569. (1913) and Sprague, J. Bot., 64: 113. (1926).
- Grastidium** Blume, Bijdr. Fl. Ned. Ind. 7: 333, 433. (1825).
LECTOTYPE: *G. salaccense* Blume designated by Breiger, Orchideen (Schlechter) ed. 3, 11/12: 653. (1981).
- Gymnadeniopsis** Rydberg, Man. Fl. N. States (Britton). 293. (1901).
LECTOTYPE: *G. nivea* (Nuttall) Rydberg (*Orchis nivea* Nuttall) designated by Britton and Brown, Ill. Fl. N.U.S. ed. 2, 1: 552. (1913).
- Gyrostachys** Persoon ex Blume, Coll. Orch. 127. (1859). LECTOTYPE: *G. spiralis* (Linnaeus) Persoon ex Blume (*Ophrys spiralis* Linnaeus) designated by Kuntze, Rev. Gen. Pl., 2: 663. (1891).
- Habenaria** Willdenow, Sp. Pl., ed. 4, 44. (1805).
LECTOTYPE: *H. macroceratitis* Willdenow designated by Kraenzlin, Bot. Jahrb. Syst., 16: 58. (1892).
LECTOTYPE: *H. monorrhiza* (Swartz) Reichenbach f. (*Orchis monorrhiza* Swartz) not validly designated by Lindley, Bot. Reg., 18: sub 1499. (1832).

- Hapalorchis** Schlechter, Beih. Bot. Centralbl. 37(2): 362. (1920).
LECTOTYPE: *H. candidus* (Kraenzlin) Schlechter (*Sauroglossum candidum* Kraenzlin) designated by Britton & Wilson, Sci. Surv. Porto Rico, 5(2): 186. (1924).
- Haraella** Kudô, J. Soc. Trop. Agric. 2: 26. (1930).
LECTOTYPE: *H. retrocalla* (Hayata) Kudô (*Saccolabium retrocallum* Hayata) designated by Butzin, Taxon, 32: 631. (1983).
- Hetaeria** Blume, Bijdr. Fl. Ned. Ind. 8: 409, t 14. (1930).
LECTOTYPE: *H. oblongifolia* Blume designated by L.G. Adams, Taxon, 36(3): 651. (1987).
- Humboltia** Ruiz & Pavón, Fl. Peruv. Chil. Prodr. 121, t 27. (1794).
LECTOTYPE: *H. purpurea* Ruiz & Pavón designated by Garay and Sweet, J. Arnold Arbor., 53: 522. (1972).
- Ibidium** Salisbury, Trans. Hort. Soc. London 1: 291. (1812). LECTOTYPE: *I. spirale* (Linnaeus) Salisbury (*Ophrys spiralis* Linnaeus) designated by House, Bull. Torr. Club, 32: 380. (1905).
- Isochilus** R. Brown, Hortus Kew, ed. 2, 5: 209. (1813).
LECTOTYPE: *I. linearis* (Jacquin) R. Brown (*Epidendrum lineare* Jacquin) indirectly designated by Reichenbach, Bonplandia, 2: 22. (1854), and designated by Pfeiffer, Nomencl. Bot. (Pfeiffer), 1(2): 1767. (1875).
- Jacquiella** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 7: 123. (1920).
LECTOTYPE: *J. globosa* (Jacquin) Schlechter (*Epidendrum globosum* Jacquin) designated by Britton and Wilson, Sci. Surv. Puerto Rico, 5(2): 197. (1924).
- Jumellea** Schlechter, Orchideen (Schlechter), ed. 1 609. (1914).
LECTOTYPE: *J. recurva* (Thouars) Schlechter (*Angraecum recurvum* Thouars) designated by Garay, Bot. Mus. Leaflet, 23: 182. (1972).
- Kefersteinia** Reichenbach f., Bot. Zeitung (Berlin). 10: 633. (1852).
LECTOTYPE: *K. graminea* (Lindley) Reichenbach f. (*Zygopetalon gramineum* Lindley) designated by Garay, Orquideologia, 4: 150. (1969).
- Kingiella** Rolfe, Orchid Rev. 25: 196. (1917).
LECTOTYPE: *K. taenialis* (Lindley) Rolfe (*Aerides taenialis* Lindley) designated by P.F. Hunt, Amer. Orchid Soc. Bull., 40: 1094. (1971).
- Kuhlhasseltia** J.J. Smith, Icon. Bogor. 4: 1, t 301. (1910).
LECTOTYPE: *K. javanica* J.J. Smith designated by Ormerod, Gen. Orch., 3: 110. (2003).
- Laelia** Lindley, Gen. Sp. Orch. Pl. 115. (1831).
LECTOTYPE: *L. grandiflora* (Lexarza) Lindley (*Bletia grandiflora* Lexarza) designated by Dandy, Kew Bull., 86. (1935).
- Lanium** Lindley ex Bentham, Hooker's Icon. Pl. 14: 24, t 1334. (1881).
LECTOTYPE: *L. avicula* (Lindley) Bentham (*Epidendrum avicula* Lindley) designated by Angel, Fl. Analitica Fitogeogr. Estado São Paulo, 6: 1294. (1973).
- Lecanorchis** Blume, Mus. Bot. 2: 188. (1856).
LECTOTYPE: *L. javanica* Blume designated by Garay and Sweet, Orchids S. Ryukyu Islands, 49. (1974).
- Lepanthes** Swartz, Nova Acta Regiae Soc. Sci. Upsal. 6: 85. (1799).
LECTOTYPE: *L. concinna* Swartz designated by Britton and Wilson, Sci. Surv. Puerto Rico, 5(2): 206. (1924).
- Lepanthopsis** Ames, Bot. Mus. Leaflet. 1(9): 3. (1933).
LECTOTYPE: *L. floripecten* (Reichenbach f.) Ames (*Pleurothallis floripecten* Reichenbach f.) designated by Garay, Orquideologia, 9: 116. (1974).
- Leptoceras** (R. Brown) Lindley, Sketch Veg. Swan River Colony, 53. (1840).
LECTOTYPE: *L. menziesii* (R. Brown) Lindley (*Caladenia menziesii* R. Brown) designated by A.S. George, Nuytsia, 1: 183. (1971).
- Limnorchis** Rydberg, Mem. New York Bot. Gard. 1: 104. (1900).
LECTOTYPE: *L. hyperborea* (Linnaeus) Rydberg (*Orchis hyperborea* Linnaeus) designated by Britton and Brown, Ill. Fl. N.U.S. ed. 2, 1: 554. (1913).
- Ludisia** A. Richard, Dict. Class. Hist. Nat. 7: 437. (1825).
LECTOTYPE: *L. discolor* (Ker Gawler) A. Richard (*Goodyera discolor* Ker Gawler) designated by Ormerod, Lindleyana, 17: 211. (2002).
- Lycaste** Lindley, Edwards's Bot. Reg. 29 (Misc): 14. (1841).
LECTOTYPE: *L. macrophylla* (Poeppig) Lindley (*Maxillaria macrophylla* Poeppig) designated by A. Bullock, Kew Bull., 13: 254. (1958) and Acuña, Cat. Descr. Orquideas Cuba, 60: 165. (1939).
- Lyperanthus** R. Brown, Prodr. Fl. Nov. Holland. 325. (1810).
LECTOTYPE: *L. suaveolens* R. Brown designated

- by M.A. Clements, Austral. Orchid. Res., 1: 90. (1989).
- Lyroglossa** Schlechter, Beih. Bot. Centralbl. 37(2): 448. (1920).
LECTOTYPE: *L. grisebachii* (Cogniaux) Schlechter (*Spiranthes grisebachii* Cogniaux) designated by Angely, Fl. Analitica Fitogeogr. Estado São Paulo, 6: 1277. (1973).
LECTOTYPE: *L. bradei* Schlechter ex Mansfeld designated by Burns-Balogh, Amer. J. Bot., 69(7): 1132. (1982).
- Macdonaldia** Gunn ex Lindley, Sketch Veg. Swan Riv. 50, t 9. (1840).
LECTOTYPE: *M. smithiana* Lindley designated by M.A. Clements, Austral. Orchid Res., 1: 137. (1989).
- Malaxis** Swartz, Prodr. (Swartz), 8: 119. (1788).
LECTOTYPE: *M. rheedii* Swartz not validly designated by Ascherson, Fl. Prov. Brandenb., 1: 699. (1864).
LECTOTYPE: *M. spicata* Swartz designated by Britton and Brown, Ill. Fl. N.U.S. ed. 2, 1: 570. (1913).
- Malleola** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 1: 119. (1913).
LECTOTYPE: *M. sphingoides* J.J. Smith designated by Garay, Bot. Mus. Leaf., 23: 184. (1972).
- Maxillaria** Ruiz & Pavón, Fl. Peruv. Prodr. 116, t 25. (1794).
LECTOTYPE: *M. longipetala* Ruiz & Pavón not validly designated by Acuña, Cat. Descr. Orquideas Cuba, 60: 171. (1939).
LECTOTYPE: *M. ramosa* Ruiz & Pavón designated by Garay and Sweet, J. Arnold Arbor., 53: 524. (1972).
LECTOTYPE: *M. platypetala* Ruiz & Pavón designated by Garay, Harvard Pap. Bot., 2: 52. (1997).
- Megastylis** (Schlechter) Schlechter, Bot. Jahrb. Syst. 45: 379, 384. (1911).
LECTOTYPE: *M. gigas* (Reichenbach f.) Schlechter (*Caladenia gigas* Reichenbach f.) designated by N. Hallé, Fl. Nouv.-Caléd., 8: 487. (1977).
- Mesadenella** Pabst & Garay, Arquin. Jard. Bot. Rio 12: 205. (1952).
LECTOTYPE: *M. esmeraldae* (Linden & Reichenbach f.) Pabst & Garay (*Spiranthes esmeraldae* Linden & Reichenbach f.) designated by M.N. Correa, Darwiniana, 11: 68. (1955).
- Mesadenus** Schlechter, Beih. Bot. Centralbl. 37(2): 367. (1920).
LECTOTYPE: *M. galeottianus* (A. Richard) Schlechter (*Spiranthes galeottiana* A. Richard) designated by Britton and Wilson, Sci. Surv. Puerto Rico, 5(2): 186. (1924).
- Microchilus** C. Presl, Rel. Haenk. 1: 94. (1827).
LECTOTYPE: *M. minor* C. Presl designated by Ormerod, Gen. Orch., 3: 121. (2003).
- Microepidendrum** Brieger ex W.E. Higgins, Acta Bot. Mex. 60: 22. (2002).
EPIOTYPE: *M. subulatifolium* (A. Richard & Galeotti) W.E. Higgins (*Epidendrum subulatifolium* A. Richard & Galeotti) designated by W.E. Higgins, Acta Bot. Mex., 60: 22. (2002).
- Microtatorchis** Schlechter, Nachtr. Fl. Deutsch. Schutzgeb. Südsee 234. (1905).
LECTOTYPE: *M. perpusilla* Schlechter designated by A.A. Bullock, Index Nominum Genericorum, card 05211. (1958).
- Microtis** R. Brown, Prodr. Fl. Nov. Holland. 320. (1810).
LECTOTYPE: *M. rara* R. Brown designated by Garay and Sweet, Orchids S. Ryukyu Islands, 42. (1974).
- Mischobulbum** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 1: 98. (1911).
LECTOTYPE: *M. scapigerum* (Hooker f.) Schlechter (*Nephelaphyllum scapigerum* Hooker f.) designated by Senghas, Orchideen (Schlechter) ed. 3, 1: 851. (1984).
- Monadenia** Lindley, Gen. Sp. Orchid. Pl. 356. (1838).
LECTOTYPE: *M. brevicornis* Lindley designated by H.P. Linder, Bothalia, 13: 342. (1981).
- Monixus** Finet, Bull. Soc. Bot. France Mém. 54(9): 15. (1907).
LECTOTYPE: *M. striatus* (Thouars) Finet (*Angraecum striatum* Thouars) designated by Garay, Kew Bull., 28: 496. (1974).
- Mycaranthes** Blume, Bijdr. Fl. Ned. Ind. 7: 352, t 57. (1825).
LECTOTYPE: *M. lobata* Blume designated by P.J. Cribb, Gen. Orch., 4: 564. (2005).
- Neolindleya** Kraenzlin, Orchid. Gen. Sp. 1: 651. (1899).
LECTOTYPE: *N. camtschatica* (Chamisso) Soó (*Orchis camtschatica* Chamisso) designated by Nevski, Fl. URSS, 4: 646. (1935).
- Notylia** Lindley, Bot. Reg. 11: sub 930. (1825).
LECTOTYPE: *N. punctata* (Ker-Gawler) Lindley (*Pleurothallis punctata* Ker-Gawler) designated by Butzin, Taxon, 32: 631. (1983).
- Oeceoclades** Lindley, Edwards's Bot. Reg. 18: sub 1522. (1832).
LECTOTYPE: *O. maculata* (Lindley) Lindley (*Angraecum maculatum* Lindley) designated by Lindley, J. Proc. Linn. Soc., Bot., 3: 36. (1859).
- Oeoniella** Schlechter, Beih. Bot. Centralbl. 33(2): 439. (1915).

- LECTOTYPE: *O. polystachys* (Thouars) Schlechter (*Epidendrum polystachys* Thouars) designated by Senghas, *Orchidee* (Hamburg), 14: 215. (1963).
- Oncidium** Swartz, *Vet. Akad. Handl. Stockholm* 21: 239. (1800).
LECTOTYPE: *O. altissimum* (Jacquin) Swartz (*Epidendrum alissimum* Jacquin) not validly designated by Pfeiffer, *Nomencl. Bot.* (Pfeiffer), 2(1): 497. (1874).
LECTOTYPE: *O. carthagenense* (Jacquin) Swartz (*Epidendrum carthagenense* Jacquin) not validly designated by Britton & Wilson, *Bahama Fl.*, 97. (1920).
LECTOTYPE: *O. variegatum* Swartz designated by Garay, *Taxon*, 19: 444. (1970).
- Ophrys** Linnaeus, *Sp. Pl.* (Linnaeus), ed. 1 2: 945. (1753).
LECTOTYPE: *O. insectifera* Linnaeus designated by M.L. Green, *Prop. Brit. Bot.*, 185. (1929).
- Orchis** Linnaeus, *Sp. Pl.* (Linnaeus), ed. 1 2: 939. (1753).
LECTOTYPE: *O. militaris* Linnaeus designated by Britton and Brown, *Ill. Fl. N.U.S.* ed. 2, 1: 551. (1913).
- Oreorchis** Lindley, *J. Proc. Linn. Soc., Bot.* 3: 26. (1858).
LECTOTYPE: *O. patens* (Lindley) Lindley (*Corallorhiza patens* Lindley) designated by Pearce and P.J. Cribb, *Edinb. J. Bot.*, 54: 292. (1997).
- Orthoceras** R. Brown, *Prodr. Fl. Nov. Holland.* 316. (1810).
LECTOTYPE: *O. strictum* R. Brown designated by M.A. Clements, *Austral. Orchid. Res.*, 1: 100. (1989).
- Orthopenthea** Rolfe, *Fl. Cap.* (Harvey). 5(3): 179. (1912).
LECTOTYPE: *O. bivalvata* (Linnaeus f.) Rolfe (*Ophrys bivalvata* Linnaeus f.) designated by E.P. Phillips, *Gen. S. Afr. Fl. Pl.* ed. 2, 235. (1951).
- Otochilus** Lindley, *Gen. Sp. Orchid. Pl.* 53. (1830).
LECTOTYPE: *O. porrectus* Lindley designated by Butzin, *Taxon*, 32: 631. (1983).
- Oxystophyllum** Blume, *Bijdr. Fl. Ned. Ind.* 7: 335, t 38. (1825).
LECTOTYPE: *O. rigidum* Blume designated by Breiger, *Orchideen* (Schlechter) ed. 3, 11/12: 676. (1981).
- Pachystele** Schlechter, *Repert. Spec. Nov. Regni Veg. Beih.* 19: 28. (1923).
LECTOTYPE: *P. jimenezii* (Schlechter) Schlechter (*Scaphyglottis jimenezii* Schlechter) designated by Rauschert, *Feddes Repert.*, 94: 456. (1983).
- Palmorchis** Barbosa Rodrigues, *Gen. Sp. Orch.* Nov. 1: 169. (1877).
LECTOTYPE: *P. pubescens* Barbosa Rodrigues designated by Schlechter, *Repert. Spec. Nov. Regni Veg.*, 16: 442. (1920).
- Pecteilis** Rafinesque, *Fl. Tellur.* 2: 37. (1837).
LECTOTYPE: *P. susannae* (Linnaeus) Rafinesque (*Orchis susannae* Linnaeus) designated by Schlechter, *Repert. Spec. Nov. Regni Veg.*, 4: 120. (1919).
- Pelatantheria** Ridley, *J. Linn. Soc., Bot.* 32: 371. (1896).
LECTOTYPE: *P. ctenoglossum* Ridley designated by Butzin, *Taxon*, 32: 632. (1983).
- Pelexia** Poiteau ex Lindley, *Bot. Reg.* 12: sub 985. (1826).
LECTOTYPE: *P. adnata* (Swartz) Sprengel (*Satyrrium adnatum* Swartz) designated by Garay, *Fl. Less. Antill., Orchid.*, 68. (1974).
- Pennilabium** J.J. Smith, *Bull. Jard. Bot. Buitenzorg, ser. 2* 13: 47. (1914).
LECTOTYPE: *P. angraecum* (Ridley) J.J. Smith (*Saccolabium angraecum* Ridley) designated by Garay, *Bot. Mus. Leafl.*, 23: 189. (1972).
- Penthea** Lindley, *Gen. Sp. Orchid. Pl.* 360. (1838).
LECTOTYPE: *P. patens* (Linnaeus f.) Lindley (*Ophrys patens* Linnaeus f.) designated by E.P. Phillips, *Gen. S. Afr. Fl. Pl.* ed. 2, 236. (1951).
- Peristylus** Blume, *Bijdr. Fl. Ned. Ind.* 8: 404. (1825).
LECTOTYPE: *P. grandis* Blume designated by Greuter, *Regnum Veg.*, 118: 183. (1988).
- Phloeophila** Hoehne & Schlechter, *Arch. Bot. São Paulo* 1(3): 199. (1926).
LECTOTYPE: *P. paulensis* Hoehne & Schlechter designated by Garay, *Orquideologia*, 9: 117. (1974).
- Pholidota** Lindley ex Hooker, *Exot. Fl.* 2: t 138. (1825).
LECTOTYPE: *P. imbricata* Hooker designated by M.A. Clements, *Austral. Orchid. Res.*, 1: 105. (1989).
- Phymatidium** Lindley, *Gen. Sp. Orchid. Pl.* 209. (1833).
LECTOTYPE: *P. delicatum* Lindley designated by Angely, *Fl. Analitica Fitogeogr. Estado São Paulo*, 6: 1328. (1973).
- Physoceras** Schlechter, *Repert. Spec. Nov. Regni Veg. Beih.* 33: 78. (1924).
LECTOTYPE: *P. bellum* Schlechter designated by Summerhayes, *Index Nominum Genericorum*, card 64/24066. (1967).

- Physosiphon** Lindley, Edwards's Bot. Reg. 21: sub 1797. (1835).
LECTOTYPE: *P. tubatus* (Loddiges) Reichenbach f. (*Stelis tubata* Loddiges) designated by Pfeiffer, Nomencl. Bot. (Pfeiffer), 2: 705. (1873).
- Physurus** Richard ex Lindley, Gen. Sp. Orchid. Pl. 501. (1840).
LECTOTYPE: *P. plantagineus* (Linnaeus) Lindley (*Satyrium plantagineum* Linnaeus) designated by Britton and Millspaugh, Bahama Fl., 87. (1920).
- Piperia** Rydberg, Bull. Torrey Bot. Club 28: 269, 632. (1901).
LECTOTYPE: *P. elegans* (Lindley) Rydberg (*Platanthera elegans* Lindley) designated by Britton and Brown, Ill. Fl. N.U.S. ed. 2, 1: 555. (1913).
- Pityphyllum** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 7: 162. (1920).
LECTOTYPE: *P. antioquiense* Schlechter designated by Sweet, Orquideologia, 7: 205. (1973).
- Platyclinis** Benthams, J. Linn. Soc., Bot. 18: 295. (1881).
LECTOTYPE: *P. abbreviata* (Blume) Benthams ex Hemsley (*Dendrochilum abbreviatum* Blume) designated by Pedersen, Wood, and Comber, Opera Bot., 130: 29. (1997).
- Pleione** D. Don, Prodr. Fl. Nepal. 36. (1825).
LECTOTYPE: *P. praecox* (J.E. Smith) D. Don (*Epidendrum praecox* J.E. Smith) designated by Pfeiffer, Nomencl. Bot. (Pfeiffer), 2(1): 754. (1874).
- Pleuranthium** Benthams, J. Linn. Soc., Bot. 18: 312. (1881).
LECTOTYPE: *P. dendrobii* (Reichenbach f.) Benthams (*Epidendrum dendrobii* Reichenbach f.) designated by Pfitzer, Nat. Pflanzenfam., 2(6): 145. (1889).
- Pogonia** Jussieu, Gen. Pl. (Jussieu).65. (1789).
LECTOTYPE: *P. ophioglossoides* (Linnaeus) Ker-Gawler (*Arethusa ophioglossoides* Linnaeus) designated by Britton and Brown, Ill. Fl. N.U.S. ed. 2, 1: 559. (1913).
- Prasophyllum** R. Brown, Prodr. Fl. Nov. Holland. 317. (1810).
LECTOTYPE: *P. australe* R. Brown designated by M.A. Clements, Austral. Orchid. Res., 1: 109. (1989).
- Pristiglottis** Cretzoiu & J.J. Smith, Acta Fauna Fl. Universali, ser. 2 1: 4. (1934).
LECTOTYPE: *P. uniflora* (Blume) Cretzoiu & J.J. Smith (*Cystopus uniflorus* Blume) designated by Weatherby, Bull. Misc. Inform., 1935: 421. (1935).
- Promenaea** Lindley, Edwards's Bot. Reg. 29(Misc): 13. (1843).
LECTOTYPE: *P. lentiginosa* (Lindley) Lindley (*Maxillaria lentiginosa* Lindley) designated by Butzin, Taxon, 32: 632. (1983).
- Pseuderiopsis** Reichenbach f., Linnaea 22: 852. (1850).
LECTOTYPE: *P. schomburgkii* Reichenbach f. designated by Romero, Harvard Pap. Bot., 10(2): 245. (2005).
- Pseudoeurystyles** Hoehne, Arq. Bot. Ext. S. Paulo 1: 129. (1943).
LECTOTYPE: *P. lorenzii* (Cogniaux) Hoehne (*Stenoptera lorenzii* Cogniaux) designated by Angely, Fl. Analitica Fitogeogr. Estado São Paulo, 6: 1273. (1973).
- Pseudogodyera** Schlechter, Beih. Bot. Centralbl. 37(2): 369. (1920).
LECTOTYPE: *P. wrightii* (Reichenbach f.) Schlechter (*Goodyera wrightii* Reichenbach f.) designated by J.J. Swart, Index Nominum Genericorum, card 23843. (1966).
- Pseudostelis** Schlechter, Anexos Mem. Inst. Butantan 1: 36. (1922).
LECTOTYPE: *P. spiralis* (Lindley) Schlechter (*Physosiphon spiralis* Lindley) designated by Garay, Orquideologia, 9: 118. (1974).
LECTOTYPE: *Stelis deregularis* Barbosa Rodrigues designated superfluously by Luer, Monogr. Syst. Bot. Missouri Bot. Gard., 30: 36. (1986).
- Pteroglossa** Schlechter, Beih. Bot. Centralbl. 37(2): 450. (1920).
LECTOTYPE: *P. macrantha* (Reichenbach f.) Schlechter (*Spiranthes macrantha* Reichenbach f.) designated by Angely, Fl. Analitica Fitogeogr. Estado São Paulo, 6: 1277. (1973).
- Pterostylis** R. Brown, Prodr. Fl. Nov. Holland. 326. (1810).
LECTOTYPE: *P. curta* R. Brown designated by Gruter, Regnum Veg., 118: 183. (1988).
- Pteygodium** Swartz, Kongl. Vetensk. Acad. Nya Handl. 21: 217. (1800).
LECTOTYPE: *P. alatum* (Thunberg) Swartz (*Ophrys alata* Thunberg) designated by Pfeiffer, Nomencl. Bot. (Pfeiffer), 2: 876. (1874).
- Rhipidoglossum** Schlechter, Beih. Bot. Centralbl. 36(2): 80. (1918).
LECTOTYPE: *R. xanthopollinium* (Reichenbach f.) Schlechter (*Aeranthus xanthopollinius* Reichenbach f.) designated by Summerhayes, Blumea, Suppl., 1: 80. (1937).
- Rodriguezia** Ruiz & Pavón, Fl. Peruv. Prodr. 115, t 25. (1794).
LECTOTYPE: *R. lanceolata* Ruiz & Pavón designated by Garay and Sweet, J. Arnold Arbor., 53: 527. (1972).

- Rodrigueziosis** Schlechter, Repert. Spec. Nov. Regni Veg. 16: 427. (1920).
LECTOTYPE: *R. eleutherosepala* (Barbosa Rodrigues) Schlechter (*Rodriguezia eleutherosepala* Barbosa Rodrigues) designated by Garay and Sweet, J. Arnold Arbor., 53: 527. (1972).
- Roeperocharis** Reichenbach f., Otia Bot. Hamburg. 104. (1881).
LECTOTYPE: *R. bennettiana* Reichenbach f. designated by P.J. Cribb, Gen. Orch., 2: 359. (2001).
- Sarcochilus** R. Brown, Prodr. Fl. Nov. Holland. 332. (1810).
LECTOTYPE: *S. falcatus* R. Brown designated by M.A. Clements, Austral. Orchid. Res., 1: 132. (1989).
- Satyrrium** Linnaeus, Sp. Pl. (Linnaeus), ed. 1 2: 944. (1753).
LECTOTYPE: *S. viride* Linnaeus designated by M.L. Green, Prop. Brit. Bot., 185. (1929).
- Scaphosepalum** Pfitzer, Nat. Pflanzenfam. 2(6): 139. (1888).
LECTOTYPE: *S. ochthodes* (Reichenbach f.) Pfitzer (*Masdevallia ochthodes* Reichenbach f.) designated by Garay, Orquideologia, 9: 124. (1974).
- Scaphyglottis** Poeppig & Endlicher, Nov. Gen. Sp. Pl. 1: 58. (1836).
LECTOTYPE: *S. parviflora* Poeppig & Endlicher not validly designated by Pfeiffer, Nomencl. Bot. (Pfeiffer), 2: 1068. (1874).
LECTOTYPE: *S. graminifolia* (Ruiz & Pavón) Poeppig & Endlicher (*Fernandezia graminifolia* Ruiz & Pavón) designated by Dressler, Taxon, 9: 214. (1960) and Garay and Sweet, J. Arnold Arbor., 53: 528. (1972).
- Schiedeella** Schlechter, Beih. Bot. Centralbl. 37(2): 379. (1920).
LECTOTYPE: *S. saltensis* (Ames) Schlechter (*Spiranthes saltensis* Ames) designated by Burns-Balogh, Amer. J. Bot., 69(7): 1131. (1982).
LECTOTYPE: *S. transversalis* (A. Richard & Galeotti) Schlechter (*Spiranthes transversalis* A. Richard & Galeotti) designated by Garay, Bot. Mus. Leaf., 8: 357. (1982).
- Schoenorchis** Blume, Bijdr. Fl. Ned. Ind. 8: 361. (1825).
LECTOTYPE: *S. juncifolia* Blume designated by Garay, Bot. Mus. Leaf., 23: 202. (1972).
- Schomburgkia** Lindley, Sert. Orchid. t 10, 13. (1838).
LECTOTYPE: *S. crispa* Lindley designated by Romero, Harvard Pap. Bot., 10(2): 256. (2005).
- Selenipedium** Reichenbach f., Xenia Orch. 1: 3, t 2. (1854).
LECTOTYPE: *S. chica* Reichenbach f. designated by Sprague and Summerhayes, Bull. Misc. Inform., 308. (1927).
- Sepalosaccus** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 19: 245. (1923).
LECTOTYPE: *S. humilis* Schlechter designated by K. Barringer, Fieldiana, Bot., 17: 18. (1986).
- Serapias** Linnaeus, Sp. Pl. (Linnaeus), ed. 1 2: 949. (1753).
LECTOTYPE: *S. lingua* Linnaeus designated by Swartz, Kongl. Vetensk. Acad. Nya Handl., 21: 22. (1800).
- Sobennikoffia** Schlechter, Repert. Spec. Nov. Regni Veg. Beih. 33: 361. (1925).
LECTOTYPE: *S. robusta* (Schlechter) Schlechter (*Leonia robusta* Schlechter) designated by Butzin, Taxon, 32: 632. (1983).
- Sobralia** Ruiz & Pavón, Fl. Peruv. Prodr. 120, t 26. (1794).
LECTOTYPE: *S. dichotoma* Ruiz & Pavón designated by Angely, Fl. Analitica Fitogeogr. Estado São Paulo, 6: 1268. (1973).
- Specklinia** Lindley, Gen. Sp. Orchid. Pl. 8. (1830).
LECTOTYPE: *S. lanceola* (Swartz) Lindley (*Epidendrum lanceola* Swartz) designated by Garay and Sweet, J. Arnold Arbor., 53: 528. (1972).
- Spiranthes** Richard, De Orchid. Eur. 20. (1817).
LECTOTYPE: *S. spiralis* (Linnaeus) Chevallier (*Ophrys spiralis* Linnaeus) designated by Greene, Prop. Brit. Bot., 100. (1929) and Pfeiffer, Nomencl. Bot. (Pfeiffer), 2(2): 1238. (1874).
LECTOTYPE: *S. aestivalis* Richard not validly designated by Correll, Fl. Texas, 3(3): 169. (1944).
- Stauropsis** Reichenbach f., Hamburger Garten-Blumenzeitung 16: 117. (1860).
LECTOTYPE: *S. philippinensis* (Lindley) Reichenbach f. (*Trichoglottis philippinensis* Lindley) designated by Reichenbach f., Ann. Bot. Syst., 6: 882, 932. (1864).
- Stelis** Swartz, J. Bot. (Schrader).2: 239. (1799).
LECTOTYPE: *S. ophioglossoides* (Jacquin) Swartz (*Epidendrum ophioglossoides* Jacquin) designated by Pridgeon, Gen. Orch., 4: 405. (2005), and M.L. Green, Prop. Brit. Bot., 100. (1929).
LECTOTYPE: *S. purpurea* (Ruiz & Pavón) Willdenow (*Humboldtia purpurea* Ruiz & Pavón) designated by Garay and Sweet, J. Arnold Arbor., 53: 528. (1972).
- Stenorrhynchus** Richard ex Sprengel, Syst. Veg. (Sprengel), ed. 16 3: 677. (1826).
LECTOTYPE: *S. speciosum* (Jacquin) Sprengel (*Neottia speciosa* Jacquin) designated by Britton and Millspaugh, Bahama Fl., 86. (1920).

LECTOTYPE: *S. orchioides* (Swartz) Richard (*Satyrium orchioides* Swartz) not validly designated by M.N. Correa, *Darwiniana*, 11: 70. (1955).

Stichorkis Thouars, *Nouv. Bull. Soc. Philom.* 19: 318. (1809).

LECTOTYPE: *S. disticha* (Thouars) Pfitzer (*Malaxis disticha* Thouars) designated by Rasmussen, *Bot. Not.*, 132: 385. (1979).

Sullivania F. Mueller, *J. Proc. Roy. Soc. New South Wales* 15: 229. (1882).

LECTOTYPE: *Caleya sullivanii* F. Mueller designated by D.L. Jones and M.A. Clements, *Orchadian*, 15(1): 36. (2005).

Synoplectris Rafinesque, *Fl. Tellur.* 2: 87. (1837).

LECTOTYPE: *S. viridis* Rafinesque designated by Garay, *Bot. Mus. Leaffl.*, 28: 352. (1982).

Taeniophyllum Blume, *Bijdr. Fl. Ned. Ind.* 8: 355, t 70. (1825).

LECTOTYPE: *T. obtusum* Blume designated by Garay, *Bot. Mus. Leaffl.*, 23: 205. (1972).

Tetragamestus Reichenbach f., *Bonplandia* 2: 21. (1854).

LECTOTYPE: *Scaphyglottis arundinacea* Regel not validly designated by Pfeiffer, *Nomencl. Bot.* (Pfeiffer), 2(2): 1373. (1874).

LECTOTYPE: *T. aureus* Reichenbach f. indirectly designated by Reichenbach f., *Linnaea*, 41: 85. (1876).

Thelasis Blume, *Bijdr. Fl. Ned. Ind.* 8: 385, t 75. (1825).

LECTOTYPE: *T. carinata* Blume designated by M.A. Clements, *Austral. Orchid. Res.*, 1: 137. (1989).

Tomotris Rafinesque, *Fl. Tellur.* 2: 89. (1837).

LECTOTYPE: *T. flava* (Swartz) Reichenbach f. (*Serapias flava* Swartz) designated by Rasmussen, *Bot. Tidssk.*, 71: 161. (1977).

Trachelosiphon Schlechter, *Beih. Bot. Centralbl.* 37(2): 423. (1920).

LECTOTYPE: *Eurystyles actinosophylla* (Barbosa Rodrigues) Schlechter (*Spiranthes actinosophila* Barbosa Rodrigues) designated by Acuña, *Bol. Est. Exper. Agron.*, 60: 43. (1939).

Trichoglottis Blume, *Bijdr. Fl. Ned. Ind.* 8: 359, t 8. (1825).

LECTOTYPE: *T. retusa* Blume designated by Garay, *Bot. Mus. Leaffl.*, 23: 208. (1972).

Trichotosia Blume, *Bijdr. Fl. Ned. Ind.* 7: 342. (1825).

LECTOTYPE: *T. pauciflora* Blume designated by P.J. Cribb, *Gen. Orch.*, 4: 546. (2005).

Tridactyle Schlechter, *Orchideen* (Schlechter), ed. 1 602. (1914).

LECTOTYPE: *T. bicaudata* (Lindley) Schlechter (*Angraecum bicaudatum* Lindley) designated by Summerhayes, *Kew Bull.*, 282. (1948).

Trigonanthe (Schlechter) Brieger, *Schlechter's Orchideen*, ed. 3, 7: 448. (1975).

LECTOTYPE: *Masdevallia simula* Reichenbach f. designated by Luer, *Icon. Pleur.* I, 15: 26. (1986).

Triphora Nuttall, *Gen. N. Amer.*, Pl. 192. (1818).

LECTOTYPE: *T. trianthophora* (Swartz) Rydberg (*Arethusa trianthophoros* Swartz) designated by Pfeiffer, *Nomencl. Bot.* (Pfeiffer), 2(2): 1484. (1874).

Tylostigma Schlechter, *Beih. Bot. Centralbl.* 4: 298. (1916).

LECTOTYPE: *T. madagascariensis* Schlechter designated by P.J. Cribb, *Gen. Orch.*, 2: 379. (2001).

Vanilla Plumier ex Miller, *Gard. Dict.*, abridged ed. 4. 3: [text s.n.]. (1754).

LECTOTYPE: *Epidendrum vanilla* Linnaeus (*Vanilla mexicana* Miller) designated by Mansfeld, *Kulturpfl.*, 2: 587. (1959) and Britton and Wilson, *Bahama Fl.*, 83. (1920).

Vrydagzynea Blume, *Coll. Orchid.* 71, tt 17. (1858).

LECTOTYPE: *V. albida* (Blume) Blume (*Hetaeria albida* Blume) designated by Averyanov, *Bot. Zhurn. (Moscow & Leningrad)*, 75: 1023. (1990).

Warczewiczella Reichenbach f., *Bot. Zeitung* (Berlin), 10: 635. (1852).

LECTOTYPE: *W. discolor* (Lindley) Reichenbach f. (*Warrea discolor* Lindley) designated by Britton and Wilson, *Sci. Surv. Puerto Rico*, 5: 214. (1924).

Zeuxine Lindley, *Coll. Bot.* (Lindley), n 18. (1826).

LECTOTYPE: *Z. strateumatica* (Linnaeus) Schlechter (*Orchis strateumatica* Linnaeus) designated by P.J. Cribb, *Taxon*, 45: 49. (1999).

Zygostates Lindley, *Edwards's Bot. Reg.* 23: sub 1927. (1837).

LECTOTYPE: *Z. lunata* Lindley designated by Angely, *Fl. Analítica São Paulo*, 6: 1328. (1973).

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