

Family 50. ORCHIDACEAE (including APOSTASIACEAE)

Literature:

Holttum, RE. 1954. A revised flora of Malaya. Vol. I. Orchids of Malaya, 759 pp., Government Printing Office, Singapore.

Valmayor, HL. 1984. Orchidiana Philippiniana I-II. Eugenio Lopez Foundation, Manila

Fessel, HH & P Balzer. 1999. A Selection of Native Philippine Orchids. Times Edition, Singapore.

Cootes, JE. 2001. The Orchids of the Philippines, 231 pp., Times Edition, Singapore.

Abdominea JJ Smith

Abominea minimiflora (Hook.f.) JJ Sm., Bull. Jard. Bot. Buitenz., 2, 25 (1917) 98; --Schoenorchis minimiflora (Hook.f.) Ames, Orchidaceae 5 (1915) 241; --Gastrochilus minimiflorus (Hook.f.) Kuntze, Revis. Gen. Pl. 2 (1891) 661; --Saccolabium minimiflorum Hook.f., Fl. Brit. India 6 (1890) 59. --Type: Schoenorchis philippinensis Ames, Orchidaceae 5 (1915) 241; --Ames in Merr., EPFP 1 (1925) 436. --Type: LUZON: Nueva Vizcaya, MINDANAO: Cotabato, Agusan. Epiphytic, altitude 550-1000m. (as S. philippinensis)

Acampe Lindley

Acampe rigida (Buch.-Ham. ex Sm.) PF Hunt, Kew Bull. 24 (1970) 98; --Aerides rigidum Buch.-Ham. ex Sm. in A Rees, Cycl. 39 (1818) 12.

Acanthephippium Blume *emend.* Endlicher

Acanthephippium sp. aff. javanicum Blume, Bijdr.(1825) 354; --Holttum, Rev. Fl. Malaya 1 (1954) 148. PALAWAN

A. javanicum Blume in Sumatra, Peninsular Malaysia, Java, Borneo.

Acanthephippium mantinianum L. Linden & Cogn., J. des Orch. 7 (1896) 138; --Ames in Merr., EPFP 1 (1924) 330; --Cootes, Orch. Philip. (2001) 20.

LUZON: Mountain Province, Laguna, Cavite, Quezon and Sorsogon. Wet places and shaded spots, 500-1500m.

Acanthephippium pictum Fukuyama, Bot. Mag. Tokyo 49 (1935) 666.

Taiwan, Philippines.

LUZON, SAMAR

Acanthephippium sylhetense Lindl., Gen. Sp. Orchid. Pl. (1831) 177.

Occurrence in the Philippines doubtful

Acanthophippium =Acanthephippium

Acoridium Nees & Meyen =Dendrochilum

Acriopsis Reinwardt ex Blume

Acriopsis floribunda Ames, Orchidaceae 6 (1920) 306; --Ames in Merr., EPFP 1 (1925) 398. --Type: BS 35112 Ramos & Pascasio.
Acriopsis liliifolia var. *floribunda* (Ames) Minderhoud & de Vogel, Orchid Monogr. 1 (1986) 13, Fig. 1d-e
BUCAS GRANDE.

Acriopsis indica Wight, Icon. 5¹ (1852) 20, t. 1748, Fig. 1; --Ames in Merr., EPFP 1 (1925) 398.
Burma, Peninsular Malaysia, Java, Philippines.
LUZON: Kalinga, altitude 1000m.

Acriopsis liliifolia (J Koenig) Seidenf., Opera Bot. 124 (1995) 58; --*Epidendrum liliifolium* J Koenig in AJ Retzius, Observ. Bot. 6 (1791) 61.
Acriopsis javanica Reinw. ex Blume, Cat. Gew. Buitenz. (1823) 97; --Ames in Merr., EPFP 1 (1925) 398; --Cootes, Orch. Philip. (2001) 21.
Thailand, Indochina, Sumatra, Peninsular Malaysia, Java, Borneo, Philippines, Sulawesi, New Guinea, Solomon Isls, N Australia.
LUZON: Sorsogon, LEYTE, MINDANAO: Misamis, Lanao del Sur, Davao. Epiphytic or lithophytic, frequently in exposed sites, up to 1600m.

Adenostylis Blume = *Zeuxine*, Rhomboda.

Aerides Loureiro

Aerides augustiana Rolfe, Lindenia 5 (1889) 39, t. 210; --Ames in Merr., EPFP 1 (1925) 420.
"Discovered in the Philippines by Auguste Linden; no specimen seen" --Ames in Merr. (1925) 420.

Aerides burbridgei Reichb.f. ex Burb., Gardens of the Sun (1880) 343.
Philippines.

Aerides eusebiae W Suarez, ined.

Aerides inflexa Teijsm. & Binn., Tijdschr. Ned.-Indië 24 (1862) 324.
Aerides bernhardianum Reichb.f., Gard. Chron., n.s., 24 (1885) 1650.

Aerides jarckianum Schltr., Orchis 9 (1915) 53, t. 5, Fig. 15-21; --Ames in Merr., EPFP 1 (1925) 420.
Aerides jarckianum var. *smithii* Ames & Quisumb., PJS 52 (1933) 457, *nom. inval.*
Aerides jarckianum forma *album* Valmayor & D Tiu in HL Valmayor, Orchid. Philip. 1 (1984) 86.
LUZON, based on Jarck sn. No specimen seen by Ames. Reported to have been collected near the "Lagune von Manila".

Aerides lawrenciae Reichb.f., Gard. Chron. ii, 20 (1883) 307, 368, 460; --Ames in Merr., EPFP 1 (1925) 420;
--Cootes, Orch. Philip. (2001) 21.

forma lawrenciae
MINDANAO: Davao.

forma amesiana
Aerides lawrenciae var. *amesiana* Sander ex Kraenzl., Gard. Chron. iii, 10 (1891) 393; --Ames in Merr., EPFP 1 (1925) 420.
Philippines.

forma fortichii (Ames & Quisumb.) W Suarez, ined.

Aerides lawrenciae var. *fortichii* Ames & Quisumb., PJS 56 (1935) 461; --Cootes, Orch. Philip. (2001) 22.

forma punctata (Ames & Quisumb.) W Suarez, ined.

Aerides lawrenciae var. *punctatum* Ames & Quisumb., PJS 56 (1935) 462.

forma sanderiana (Reichb.f.) W Suarez, ined.

Aerides lawrenciae var. *sanderianum* (Reichb.f.) Sander ex Kraenzl., Xenia Orchid. 3 (1892) 95, *in textu*, t. 252, Fig. 6

Aerides leeana Reichb.f., Gard. Chron. 15 (1881) 656; --Cootes, Orch. Philip. (2001) 22.

forma leeana

LUZON: Bataan, Rizal, Quezon, Cavite, Camarines Norte, Camarines Sur, SAMAR. Epiphytic at c. 800m.

forma smithii (Ames & Quisumb.) W Suarez

Aerides odorata Lour., Fl. Coch. 2 (1790) 525; --Ames in Merr., EPFP 1 (1925) 420; --Cootes, Orch. Philip. (2001) 23.

forma odorata

Himalayas, China, Burma, Thailand, Vietnam, Peninsular Malaysia, Java, Borneo, Philippines to New Guinea.

MINDORO: Mindoro Oriental, PALAWAN. High-canopy epiphyte, 300-2000m.

forma alba Hort.

Aerides quinquevulnera Lindl., Sert. Orch. 6 (1838) t. 30; --Ames in Merr., EPFP 1 (1925) 421; --Cootes, Orch. Philip. (2001) 23.

LUZON: Bataan, Bulacan, Rizal, Cavite, Laguna, Quezon. A common species in and about Rizal at relatively low altitude.

forma flava (Valmayor & Tiu) W Suarez, ined.

Aerides quinquevulnera var. *flava* Valmayor & Tiu, in Valmayor, Orchid. Philip. 1 (1984) 87, *nom. inval.*; --Cootes, Orch. Philip. (2001) 24.

forma marginata (Reichb.f.) W Suarez, ined.

Aerides quinquevulnera var. *marginata* (Reichb.f.) Stein, Orchideenb. (1892) 63; --Ames in Merr., EPFP 1 (1925) 422; --*Aerides marginata* Reichb.f., Gard. Chron., n.s. 23 (1885) 533.

forma punctata (Valmayor & Tiu) W Suarez, ined.

Aerides quinquevulnera var. *punctata* Valmayor & Tiu, in Valmayor, Orchid. Philip. 1 (1984) 87, *nom. inval.*

forma purpurata (Reichb.f.) W Suarez, ined.

Aerides quinquevulnera var. *purpurata* Reichb.f., Gard. Chron. n.s., 16 (1881) 230; --Ames in Merr., EPFP 1 (1925) 422; --Cootes, Orch. Philip. (2001) 24.

forma schadenbergiana (Stein) W Suarez, ined.

Aerides quinquevulnera var. *schadenbergiana* Stein, Orchideenb. (1892) 63; --Ames in Merr., EPFP 1 (1925) 422.

***Aerides* sp. aff. odorata**

Aerides quinquevulnera var. *calayanensis* Hort.

CALAYAN. Pink flowers

Aerides savageana Sander ex Veitch, Man. Orchid. Pl. 7 (1891) 78.
Philippines.

Aerides shibatianum Boxall ex Náves in Blanco, Fl. Filip. ed. 3, 13A (1880) 239.
Philippines

Included by Ames in the list of excluded names, marked as a nomen nudum, possibly “an error for *A. thibautianum* Reichb.f. “. =*A. quinquevulnera*

Aglossorhyncha Schlechter, K Schumann & Lauterbach

Aglossorhyncha sp.

BOHOL. Insufficiently known, possibly endemic.

Agrostophyllum Blume

Agrostophyllum elmeri Ames, Sched. Orchid. 6 (1923) 48; --Ames in Merr., EPFP 1 (1924) 319. --Type: Elmer 18047.
LUZON: Laguna.

Agrostophyllum elongatum (Ridl.) Schuit., Blumea 35 (1990) 165; --*Appendiculopsis elongata* (Ridl.) Szlach., Fragm. Florist. Geobot., Suppl. 3 (1995) 120; --*Appendicula elongata* Ridl., Trans. Linn. Soc. London, Bot. 3 (1893) 375. --Type from Peninsular Malaysia.
Peninsular Malaysia, Philippines, New Guinea, Solomon Isls, Caroline Isls (Palau).

Agrostophyllum inocephalum (Schauer) Ames, Orchidaceae 2 (1908) 148; --Ames in Merr., EPFP 1 (1924) 319; --Cootes, Orch. Philip. (2001) 25; --*Diploconchium inocephalum* Schauer, Nov. Actorum Acad. Caes. Leop.-Carol. Nat. Cur. 19 (Suppl. 1) (1843) 428.
LUZON: Benguet, Bataan, MINDANAO: Lanao del Norte, Lanao del Sur, Agusan del Norte, Agusan del Sur. Epiphyte, c. 500m.

Agrostophyllum leytense Ames, Orchidaceae 6 (1920) 298; --Ames in Merr., EPFP 1 (1924) 319. --Type: LEYTE (Jaro). Forest, altitude 600-700m.

Agrostophyllum longivaginatum Ames, PJS 8 c (1913, publ. 1914) Bot. 420; --Ames in Merr., EPFP 1 (1924) 319. --Type: Weber 345
LUZON: Apayao, Rizal, Laguna, MINDORO, LEYTE. Forests, altitude 30-600m.

Agrostophyllum luzonense Ames & Quisumb., PJS 47 (1932) 197. --Type :
Philippines.

Agrostophyllum malindangense Ames, PJS 6 c (1911) Bot. 50; --Ames in Merr., EPFP 1 (1924) 320.
--Type: FB 4610 Mearns & Hutchinson
MINDANAO: Misamis Occidental (Mt Malindang), Bukidnon, Davao (Mt Apo).

Agrostophyllum mearnsii Ames, PJS 8 c (1913, publ. 1914) Bot. 420; --Ames in Merr., EPFP 1 (1924) 320.
--Type: FB 4607 Mearns & Hutchinson.
LUZON: Bataan (Mt Mariveles), MINDANAO: Misamis Occidental (Mt Malindang), Agusan del Norte (Mt Hilong-hilong). On mountains, altitude 1060-1560m.

Agrostophyllum merrillii Ames, PJS 2 c (1907) Bot. 323; --Ames in Merr., EPFP 1 (1924) 320. --Type: Merrill 5844

MINDORO: Mindoro Oriental (Mt Halcon). Forest, altitude 1000m.

Agrostophyllum mindanaense Ames, Orchidaceae 5 (1915) 88; --Ames in Merr., EPFP 1 (1924) 320; --

Agrostophyllum pelorioides Ames, PJS 8 c (1913) Bot. 421, *non* Schltr. --Type: Copeland 1119 (AMES*, holo). Mindanao: District of Davao, April 1904.

MINDANAO: Cotabato, Davao. Mountains, altitude c. 860m.

Agrostophyllum philippinense Ames, PJS 4 c (1909, publ. 1910) Bot. 669; --Ames in Merr., EPFP 1 (1924) 320. --Type:

CAMIGUIN DE BABUYANES, LUZON: Bataan, Rizal, Sorsogon, NEGROS, LEYTE. Forests, altitude 60-700m.

Agrostophyllum saccatilabium Ames & Quisumb., PJS 49 (1932) 487, pl. 1, 5, 16, 17. --Type: BS 82229 Quisumbing (AMES*, holo). Luzon : Benguet prov., Baguio, from cultivated plant at Mansion House, origin said to be from mountains in the vicinity of Baguio, 6 May 1931.

LUZON: Benguet.

Agrostophyllum stipulatum (Griff.) Schltr., Repert. Spec. Nov. Regni Veg. Beih. 1 (1912, publ. 1913) 279;

-- Appendiculopsis stipulata (Griff.) Szlach., Fragm. Florist. Geobot., Suppl. 3 (1995) 120; --Appendicula stipulata Griff., Not. Pl. Asiat. 3 (1851) 358.

Agrostophyllum wenzelii Ames, Orchidaceae 5 (1915) 88; --Ames in Merr., EPFP 1 (1924) 320. --Type: LEYTE, MINDANAO: Agusan del Norte. Altitude 60-800m.

Not found in Cootes' (2006) Checklist

Agrostophyllum hasseltii (Blume) JJ Sm. Icon. Bogor. 2 (1903) 55, t. 110A, *non* Reichb.f.; --Ames in Merr., EPFP 1 (1924) 319.

Sumatra, Peninsular Malaysia, Java, Philippines.

LEYTE, MINDANAO: Agusan del Norte. In forests, altitude 500-800m.

Amesiella Schlechter ex Garay

Amesiella minor Senghas, Orchideenfreund 6 (1999) 121. --Type: Philippines.

Amesiella monticola Cootes & DP Banks, Orchids Australia 10(5) (1998) 26; --Cootes, Orch. Philip. (2001) 25. --Type:

LUZON: Nueva Vizcaya, possibly Benguet. Fringes of montane forest, 1800-2200m.

Amesiella philippinensis (Ames) Garay, Bot. Mus. Leaflet. 23, 4 (1972) 160; --Cootes, Orch. Philip. (2001)

25; --Angraecum philippinense Ames, PJS 2 c (1907) Bot. 336; --Ames in Merr., EPFP 1 (1925) 432. --Type:

LUZON: Mountain Province, Nueva Vizcaya, Albay, MINDORO: Mindoro Oriental (Mt Halcon). Epiphytic, 400-1400m.

Angraecum auct. Philip. = Amesiella

Ania Lindley

Ania elmeri (Ames) AD Hawkes ex Senghas, in Schltr., Orchideen 1(1984) 863; --*Ascotainia elmeri* (Ames) Ames, Orchidaceae 5 (1915) 99; --Ames in Merr., EPFP 1 (1924) 336. --*Tainia elmeri* Ames, LPB 5 (1912) 1570. --Type:

LUZON: Mountain Province, Benguet, MINDANAO: Davao, Agusan del Norte. Terrestrial in forests, sea-level to 1300m.

Anoectochilus Blume

Anoectochilus sp., Ames, Orchidaceae 5 (1915) 36; --in Merr., EPFP 1 (1924) 274.

LEYTE. Based on Wenzel 286.

Anota Schlechter = *Rhynchostylis*

Aphyllorchis Blume

Aphyllorchis halconensis Ames, Sched. Orchid. 6 (1923) 7; --in Merr., EPFP 1 (1924) 264. --Type:

MINDORO: Mindoro Oriental (Mt Halcon). Terrestrial, altitude 1000m.

Aphyllorchis montana Reichb.f., Linnaea 41 (1877) 57. --Type:

Aphyllorchis benguetensis Ames, Orchidaceae 2 (1908) 49, text cut; --Ames in Merr., EPFP 1 (1924) 264. --Type:

Extra-Philippine distribution.

LUZON: Benguet, Laguna, MINDANAO: Davao, Agusan.

Aphyllorchis pallida Blume, Bijdr. (1825) t. 16, Fig. 77 (without description); --Lindl., Gen. & Sp. Orch. (1840) 536 (mention only); --Blume, Ann. Mus. Bot. Lugd.-Bat. 1 (1849) 30; --Ames in Merr., EPFP 1 (1924) 264; --Holtum, Rev. Fl. Malaya 1 (1954) 102.

Peninsular Malaysia, Java, Borneo and the Philippines: MINDORO: Mindoro Oriental (Mt Halcon & vicinity). Terrestrial in humid forest, altitude 330-930m.

Aporodes W Suarez & Cootes

Aporodes fragrans W Suarez & Cootes, Aust. Orch. Rev. 73(5) (Oct/Nov 2008) 33; --*Eria aporoides* Lindl., J. Proc. Linn. Soc., Bot. 3 (1859) 60; --Cootes, Orch. Philip. (2001) 115; --*Dendrobium aporoides* (Lindl.) Merr., Sp. Blancoanae (1918); 113; --Ames in Merr., EPFP 1 (1924) 345. --Type:

LUZON: Ilocos Norte, Nueva Vizcaya, Aurora, Zambales, Rizal, Laguna, Quezon, Camarines, Albay, POLILLO, LEYTE, CAMIGUIN, BASILAN. MINDANAO: Zamboanga, Davao, Agusan, Surigao. Lithophytic or epiphytic, common, from sea-level to 1000m.

Aporum Blume

Aporum albayense (Ames) MA Clem., Telopea 10(1) (2003) 294; --*Dendrobium albayense* Ames, PJS 7 c (1912) Bot. 14; --Ames in Merr., EPFP 1 (1924) 343.

LUZON: Laguna, Quezon, Albay, NEGROS: Negros Occidental, LEYTE, MINDANAO: Davao, Agusan del Norte. Epiphytic, sea-level to 900m. Fairly common.

Aporum aloefolium (Blume) Brieger in Schltr. Die Orchideen, 3 Aufl. 1 (1981) 676; --*Dendrobium aloefolium*

(Blume) Reichb.f., in Walpers, Ann. Bot. Syst. 6: 279; --Cootes, Orch. Philip. (2001) 65; --Aporum aloefolium (Blume) Brieger, Schlechter Orchideen 1(11-12) (1981) 676; --Macrostomium aloefolium Blume, Bijdr. (1825) 355. --Type:

Thailand, Peninsular Malaysia, Indonesia, Borneo, N Philippines.

LUZON: Nueva Vizcaya. Epiphytic in rather well-lit sites, altitude to 300m.

Aporum basilanense (Ames) MA Clem., Telopea 10(1) (2003) 295; --Dendrobium basilanense Ames, PJS 7 c (1912) Bot. 14; --Ames in Merr., EPFP 1 (1924) 345.

PANAY: Iloilo, BASILAN, MINDANAO: Zamboanga, Agusan del Norte. Epiphytic, sea-level to 400m.

Aporum distichum (C Presl) Rauschert, Feddes Rep. 94 (7-8) (1983) 438; --Dendrobium distichum (C Presl) Reichb.f., Linnaea 41 (1876) 39; --Ames in Merr., EPFP 1 (1924) 348; --Cootes, Orch. Philip. (2001) 75; --Aporum distichum (C Presl) Rauschert, Feddes Repert. 94 (1983) 439; --Schismoceras disticha C Presl, Reliq. Haenk. 1 (1827) 96. --Type:

LUZON: Benguet, Zambales, Bataan, Rizal, Camarines, Sorsogon, POLILLO, SULU
ARCHIPELAGO. Sea-level to 900m altitude. Fairly common in Luzon.

Aporum indivisum Blume, Bijdr. (1825) 334;
Dendrobium indivisum (Blume) Miq., Fl. Ned. Ind. 3 (1859) 630.

Aporum lunatum (Lindl.) MA Clem., Telopea 10(1) (2003) 296; --Dendrobium lunatum Lindl., J. Linn. Soc. 3 (1859) 4; --Ames in Merr., EPFP 1 (1924) 351.

PALAWAN. Epiphytic, sea-level to 500m altitude.

Aporum macgregorii MA Clem., Telopea 10(1) (2003) 296; --Dendrobium macgregorii Ames, PJS 7 c (1912) Bot. 17-18, *non* F Muell. & Kraenzl. (1894).

Philippines.

Aporum merrillii (Ames) MA Clem., Telopea 10(1) (2003) 296; --Dendrobium merrillii Ames, Orchidaceae 2 (1908) 181, text cut; --Ames in Merr., EPFP 1 (1924) 352; --Cootes, Orch. Philip. (2001) 80. --Type:

LUZON: Pangasinan, Ifugao, Rizal, Quezon, MINDORO, SAMAR. Epiphytic, altitude up to 350m.

Aporum wenzelii (Ames) MA Clem., Telopea 10(1) (2003) 297; --Dendrobium wenzelii Ames, Orchidaceae 5 (1915) 144; --An

LUZON: Aurora, Quezon, MINDORO: Oriental Mindoro, LEYTE, MINDANAO: Lanao del Sur, Surigao del Norte. Epiphytic, altitude up to 300m.

Apostasia Blume

Apostasia wallichii R Br. in Wall. Pl. Asiat. Rar. 1 (1830) 75, t. 84; --Ames in Merr., EPFP 1 (1924) 252; --Holtum, Rev. Fl. Malaya 1 (1954) 65.

India, Sri Lanka, Sumatra, Peninsular Malaysia, Java, Borneo, Philippines, New Guinea.

LUZON: Camarines, MINDORO, PALAWAN, SIBUYAN. Terrestrial up to 1000m altitude.

Appendicula Blume

Appendicula alba Blume, Bijdr. (1825) 299.

Podochilus album (Blume) Schltr., Mém. Herb. Boissier 21 (1900) 36.

Extra-Philippine range?

Appendicula anceps Blume, Bijdr. (1825) 299; --Ames in Merr., EPFP 1 (1924) 323.

Sumatra, Peninsular Malaysia, Java, Borneo, Philippines.
BASILAN, MINDANAO: Zamboanga. Terrestrial in forests, altitude 560m.

Appendicula buxifolia Blume, Bijdr. (1825) 300; --Ames in Merr., EPFP 1 (1924) 324; --Cootes, Orch. Philip. (2001) 27. --Type from Java.

Java and the Philippines. LUZON: Benguet, Laguna, Sorsogon, SAMAR, MINDANAO: Misamis, Lanao del Sur, Cotabato, Davao. Epiphytic, apparently in the mountain regions, altitude c. 600m.

Appendicula clemensiae Ames, PJS 8 c (1913, publ. 1914) Bot. 415; --Ames in Merr., EPFP 1 (1924) 324; --Podochilus clemensiae (Ames) Ames, PJS 4 c (1909, publ. 1910) Bot. 667.

LUZON: Laguna, Quezon, Sorsogon, LEYTE, SAMAR, MINDANAO: Lanao del Sur. Usually in the montane zones, but from 60-1700m.

Appendicula cornuta Blume, Bijdr. (1825) 302; --Ames in Merr., EPFP 1 (1924) 324. --Type: BS 16573 Ramos

India, China, Peninsular Malaysia, Java, Borneo, Philippines.

LUZON: Laguna, MINDORO, PALAWAN, NEGROS: Negros Oriental, LEYTE, MINDANAO: Davao, Agusan del Norte.

Appendicula crotalina (Ames) Schltr., Fedde Repert. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1912) 336;

--Ames in Merr., EPFP 1 (1924) 325; --Podochilus crotalinum Ames, PJS 4 c (1909) Bot. 667. --Type : MS Clemens *sn.* (AMES*, US*). Mindanao : Lanao del Sur prov., Lake Lanao, Camp Keithley, Nov 1906.

MINDANAO: Lanao del Sur (Camp Keithley), Cotabato, Davao. Altitude up to 860m.

Appendicula cuneata Ames, Sched. Orchid. 6 (1923) 44, Fig. 9, habit and flower; --Ames in Merr., EPFP 1 (1924) 325. --Type:

LUZON: Quezon, LEYTE, SAMAR, MINDANAO: Cotabato, Bukidnon, Davao.

Appendicula elmeri (Ames) Ames, PJS 8 c (1913, publ. 1914) Bot. 416; --Ames in Merr., EPFP 1 (1924) 325; --Podochilus elmeri Ames, LPB 5 (1912) 1565. --Type : Elmer 10718 (AMES*, holo ; iso : AMES*, L*, NY*, US*). Mindanao : Davao, Mt Apo, Todaya.

MINDANAO: Cotabato, Bukidnon, Davao, Agusan del Norte. Along streams, altitude 400-1300m.

Appendicula fenixii (Ames) Schltr., Fedde Repert. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1912) 336;

--Ames in Merr., EPFP 1 (1924) 325; --Podochilus fenixii Ames, PJS 6 C (1911) Bot. 48. --Type: BS 3794 Fenix.

BATAN: Mt Iraya, mossy forest, 600m.

Appendicula irigensis Ames, Sched. Orchid. 5 (1923) 5; --Ames in Merr., EPFP 1 (1924) 325. --Type: BS 41941C Ramos.

LUZON: Rizal (Mt Irig =Mt Irid), epiphyte in dense forest, altitude 1000m.

Appendicula leytensis Ames, Sched. Orchid. 6 (1923) 47, Fig. 9, flower; --Ames in Merr., EPFP 1 (1924) 325. --Type:

LEYTE. Epiphytic in forests, altitude 500m.

Appendicula lucbanensis (Ames) Ames, PJS 8 c (1913, publ. 1914) Bot. 415; --Ames in Merr., EPFP 1 (1924) 326; --Podochilus lucbanense Ames, LPB 5 (1912) 1566. --Type:

LUZON: Abra, Apayao, Mountain Province, Rizal, Quezon, PANAY: Capiz, CAMIGUIN, MINDANAO: Agusan del Norte. Apparently restricted to mountain regions.

Appendicula luzonensis (Ames) Ames, PJS 8 c (1913, publ. 1914) Bot. 415; --Ames in Merr., EPFP 1 (1924) 326; --Podochilus luzonense Ames, LPB 5 (1912) 1567. --Type : Elmer 7930
LUZON: Quezon.

Appendicula malindangensis (Ames) Schltr., Fedde Repert. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1912)

337; --Ames in Merr., EPFP 1 (1924) 326; --Podochilus malindangense Ames, PJS 6 C (1911, publ. 1912) Bot. 19. --Type: FB 4733 Mearns & Hutchinson

NEGROS: Negros Oriental (Cuernos Mtns), MINDANAO: Misamis Occidental (Mt Malindang), Bukidnon. Mountainous regions up to 1560m.

Appendicula maquilingensis Ames, PJS 8 c (1913) Bot. 417; --Ames in Merr., EPFP 1 (1924) 326. --Type: LUZON: Laguna, Camarines, Sorsogon, CATANDUANES, PANAY: Antique, Capiz, NEGROS: Negros Oriental, LEYTE, CAMIGUIN, JOLO, MINDANAO: Bukidnon, Davao. Epilithic or epiphytic in forests, altitude 40-2000m.

Appendicula merrillii Ames, PJS 8 c (1913, publ. 1914) Bot. 415, 418; --Ames in Merr., EPFP 1 (1924) 326. --Type: Merrill 8135

Chilopogon merrillii (Ames) Ames, Orchidaceae 5 (1915) 91.

MINDANAO: Zamboanga, Cotabato. Epiphytic, altitude 700-1160m.

Appendicula micrantha Lindl., Ann. Mag. Nat. Hist. 15 (1845) 386; --Ames in Merr., EPFP 1 (1924) 326; --Cootes, Orch. Philip. (2001) 27. --Type:

Podochilus micranthum (Lindl.) Schltr., Mém. Herb. Boissier 21 (1900) 39.

Appendicula wenzelii Ames, PJS 8 C (1913) Bot. 419. --Type : Wenzel 10 (AMES, 2 sheets*, GH*, NY*, iso). Leyte: epiphyte, altitude 60m, 29 Sept 1912.

LUZON: Pampanga, Bataan, Quezon, Rizal, Laguna, Albay, POLILLO, MINDORO, PALAWAN, PANAY: Antique, Capiz, NEGROS: Negros Oriental, LEYTE, MINDANAO: Zamboanga, Bukidnon, Davao, Agusan. Epiphytic, occasionally terrestrial, 15-700m.

Appendicula negrosiana Ames, PJS 8 c (1913, publ. 1914) Bot. 416; --Ames in Merr., EPFP 1 (1924) 327; --Podochilus negrosianum Ames, LPB 5 (1912) 1568. --Type : Elmer 9636

NEGROS: Negros Oriental (Cuernos Mtns).

Appendicula pendula Blume, Bijdr. (1825) 298.

Appendicula philippinensis (Schltr.) JJ Sm. Orch. Amb. (1905) 91, in textu; --Ames in Merr., EPFP 1 (1924) 327. --Type:

Extra-Philippine distribution

LUZON: Quezon, Laguna, Sorsogon, MINDORO, PALAWAN, LEYTE, MINDANAO: Zamboanga, Bukidnon. Variable and fairly common species, altitude 115-1600m.

Appendicula perplexa (Ames) Ames, PJS 8 c (1913, publ. 1914) Bot. 416; --Ames in Merr., EPFP 1 (1924) 327; --Podochilus perplexum Ames, LPB 5 (1912) 1569. --Type: Elmer 7407

LUZON: Quezon (Mt Banahaw). Forest shade, altitude 800m.

Appendicula polyantha Ames, Sched. Orchid. 5 (1923) 6; --Ames in Merr., EPFP 1 (1924) 327. --Type: BS 42058 Lopez (AMES*, iso). Luzon: Rizal prov., Mt Angilog, altitude 2200m (note: this is most likely in feet), Feb 1923. LUZON: Rizal. Mt Angilog.

Appendicula reflexa Blume, Bijdr. (1825) 301 ; --Ormerod, Taiwania 49(3) (2004) 175. --Type from Java.

Taiwan, Vietnam, Thailand, Java, Borneo, Philippines, New Guinea, Solomon Isls, Vanuatu, NE Australia, New Caledonia, Fiji.

LUZON: Rizal (Bosoboso), Laguna, Quezon (Lucban), Camarines Sur (Mt Labo), PANAY: Antique (Culasi near Flores), MINDANAO: Bukidnon (Tangkulan, Cumaycay River), Davao del

Sur (Mt Apo, Todaya), Cotabato (possibly N Cotabato prov., Apo Range), Agusan del Norte (Mt Hilong-hilong), Agusan del Sur (Lake near Bunawan; Agusan River at Varuela). Near sea-level to at least 1200m.

Appendicula tagalensium Kraenzl., Ann. k.k. Nat. Hofmus. Wien 30 (1916) 65. –Type: Loher *sn*. Locality merely cited as ‘Philippines’. No specimen have been seen by Ames.

Appendicula undulata Blume, Bijdr. (1825) 301.

var. longicalcarata (Rolfe) Ames in Merr., J. Roy. Asiat. Soc. Straits Branch, Special No. (1921) 179; --Ames in Merr., EPFP 1 (1924) 327. --Podochilus longicalcaratum Rolfe, Bull. Misc. Inform. Kew (1894) 186. –Type: Borneo (Sarawak), Philippines.

LUZON: Rizal, LEYTE, MINDANAO: Zamboanga, Lanao del Sur, Cotabato, Davao, Agusan del Norte, Surigao del Norte. In mossy forests.

Appendicula weberi Ames, PJS 8 c (1913, publ. 1914) Bot. 418; --Ames in Merr., EPFP 1 (1924) 328. –Type: CM Weber 88.

MINDANAO: Cotabato, Agusan del Norte. Shady damp forests, altitude 430-690m.

Appendicula xitriophora Reichb.f., in Seem. Fl. Vit. (1868) 299; --Ames in Merr., EPFP 1 (1924) 328. –Type:

--Podochilus xytriophorum (Reichb.f.) Schltr., Mém. Herb. Boissier 21 (1900) 47.

Peninsular Malaysia, Borneo, Philippines.

LUZON: Benguet, Rizal, Laguna, Quezon, Sorsogon, POLILLO, MINDORO, PANAY: Capiz, LEYTE, MINDANAO: Lanao, Cotabato, Davao. Forests, altitude 60-1330m. Common and widely distributed.

Possible novelties:

Appendicula sp. (Nueva Vizcaya & Negros Oriental)

Appendicula sp. (Mt. Mantalingajan)

Appendicula sp. (Mt. Hamiguitan)

Appendicula sp. aff. *undulata* (Nueva Vizcaya)

Arachnis Blume

Arachnis flos-aeris (L.) Reichb.f., Bot. Centralbl. 28 (1886) 343; --Epidendrum flos-aeris L., Sp. Pl. (1753) 952. –Type:

Arachnis longicaulis (Schltr.) LO Williams, Bot. Mus. Leaf. 5 (1937) 31; --Cootes, Orch. Philip. (2001) 28; --Vandopsis longicaulis Schltr., Repert. Spec. Nov. Regni Veg. Beih. 1 (1913) 973.

Arachnis lyonii Ames, Orchidaceae 5 (1915) 221; --Ames in Merr., EPFP 1 (1925) 427. –Type:

Arachnis longicaulis forma flavescens Valmayor & Tiu in HL Valmayor, Orchid. Philip. **Xxxx**; *Phil. Orch. Rev.* 1983

LUZON: Isabela, Nueva Ecija, Quezon, Rizal, MINDANAO: Lanao del Sur, TAWI-TAWI. High-canopy epiphyte, usually at c. 1000m.

Arundina Blume

Arundina graminifolia (D Don) Hochr., Bull. New York Bot. Gard. 6 (1910) 270; --Bletia graminifolia D Don, Prodr. Fl. Nepal. (1825) 29. –Type:

Extra-Philippine Range?

Ascidieria Seidenfaden

Ascidieria cymbidifolia (Ridl.) xxxx

Eria cymbidifolia Ridl., J. Bot. 36 (1898) 212. –Type:

Cymboglossum cymbiforme (JJ Sm.) Rauschert, Feddes Repert. 94 (1983) 446; --*Eria cymbiformis* JJ Sm., Recueil Trav. Bot. Néerl. 1 (1904) 152, text cut; --Ames in Merr., EPFP 1 (1924) 367. –Type:

Sumatra, Philippines.

LUZON: Cagayan, Bataan, Rizal, Laguna, Quezon, MINDORO, NEGROS: Negros Oriental, LEYTE, MINDANAO: Davao. Epiphytic, altitude 500-1015m.

Ascidieria palawanensis (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) 69; --*Eria*

palawanensis Ames in Elmer, LPB 5 (1912) 1578; --Ames in Merr., EPFP 1 (1925) 373. –Type: Elmer 13209

PALAWAN: Thumb Peak [=Mt Pulgar].

Ascidieria zamboangensis (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) 69; --*Eria*

zamboangensis Ames, Orchidaceae 5 (1915) 160; --Ames in Merr., EPFP 1 (1925) 376. –Type: Merrill 8143

MINDANAO: Zamboanga, Bukidnon. Epiphytic in mossy forest, altitude 1300-1830m.

Ascocentrum Schlechter ex JJ Smith

Ascocentrum aurantiacum (JJ Sm.) Schltr., Repert. Spec. Nov. Regni Veg. Beih. 1 (1913) 975; --

Saccolabium aurantiacum JJ Sm., Bull. Dép. Agric. Indes Néerl. 43 (1910) 71.

ssp. philippinense Christenson, Lindleyana 7 (1992) 88; --Cootes, Orch. Philip. (2001) 29. –Type:

forma philippinense

LUZON: Nueva Vizcaya, Rizal, MINDANAO: Lanao del Sur, Davao del Norte, Davao del Sur, Agusan del Sur. Epiphytic in deep shade to 1200m.

forma citrinum

Philippines

Ascocentrum miniatum (Lindl.) Schltr., Fedde Repert. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1913) 975;

--Ames in Merr., EPFP 1 (1925) 434; -- *Saccolabium miniatum* Lindl., Edwards's Bot. Reg. 33 (1847) t. 26.

India, Thailand, Peninsular Malaysia, Java, Philippines.

LUZON: Rizal, MINDANAO: Lanao del Sur, Davao. Epiphytic, altitude 180-750m.

Ascochilus Ridley

Ascochilus calceolaris (Teijsm. & Binn.) Garay, Bot. Mus. Leaf. Harvard Univ. 23 (1972) 161; -- *Aerides*

calceolare Teijsm. & Binn., Tijdschr. Ned.-Indië 27 (1864) 19, *nom. illeg.* –Type:

Philippines

Ascochilus leytenis (Ames) Garay, Bot. Mus. Leaf. Harvard Univ. 23, 4 (1972) 161; --*Sarcochilus*

leytenis Ames, Orchidaceae 5 (1915) 211; --Ames in Merr., EPFP 1 (1925) 407. –Type:

Ascochilus mindanaensis (Ames) Christenson, Indian Orchid J. 1 (1985) 151; Selbyana 9, 1 (1986) 167; --

Sarcochilus mindanaensis (Ames) Ames, Orchidaceae 5 (1915) 214; --Ames in Merr., EPFP 1 (1925) 407;

--*Thrixspermum mindanaense* Ames, PJS 8 c (1913) Bot. 436. –Type:

LUZON: Sorsogon, SIBUYAN, LEYTE, BASILAN, MINDANAO: Davao, Agusan del Norte.

Epiphytic, sea-level to 640m.

Ascochilus emarginatus (Blume) Schuit., TE Beaman et al., Orch. of Sarawak (2001) 145.

Extra-Philippine range?

Status?

Ascochilus siamensis Ridl., J. Linn. Soc., Bot. 32 (1896) 375.

Sarcochilus macgregorii (Ames) Ames, Orchidaceae 5 (1915) 213; --Ames in Merr., EPFP 1 (1925) 407; --

Thrixspermum macgregorii Ames, PJS 2 c (1907) Bot. 337. --Type: RC McGregor 288

Extra-Philippine range

MINDORO: Mindoro Oriental (Balete, Baco River), epiphytic.

Ascoglossum Schlechter

Ascoglossum calopterum (Reichb.f.) Schltr., Repert. Spec. Nov. Regni Veg. Beih. 1 (1913) 975; --

Cootes, Orch. Philip. (2001) 30; --*Saccolabium calopterum* Reichb.f., Gard. Chron., n.s., 18 (1882) 520; --

Type:

New Guinea and the Philippines.

DINAGAT, epiphytic at low altitudes.

Ascotainia Ridley = *Ania*

Bogoria JJ Sm.

Bogoria merrillii (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 23, 4 (1972) 16; --*Sarcochilus merrillii* Ames,

Orchidaceae 5 (1915) 213; --Ames in Merr., EPFP 1 (1925) 407. --Type: Merrill 5432

MINDANAO: Davao Oriental (Baganga). Epiphytic, near sea level.

Brachypeza Schlechter ex Garay

Brachypeza zamboangensis (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 23, 4 (1972) 164; --

Sarcochilus zamboangensis Ames, Sched. Orchid. 5 (1923) 39; --Ames in Merr., EPFP 1 (1925) 408. --

Type:

Merrill 11640

MINDANAO: Zamboanga (Flecha Point). Epiphyte in forest, altitude c. 10m.

Bromheadia Lindley

Bromheadia alticola Ridl., J. Linn. Soc., Bot. 28 (1891) 338.

Bromheadia philippinensis Ames & Quisumb., PJS 59 (1936) 6, pl. 1:1-2; 4; 9:2. --Type:

Extra-Philippine range?

Bromheadia devogelii Kruizinga, Orchid Monogr. 8 (1997) 102, Fig. 41.

Extra-Philippine range?

Bromheadia finlaysonianana (Lindl.) Miq., Fl. Ned. Indië 3 (1859) 709; --*Grammatophyllum finlaysonianum*

Lindl. in N Wallich, Numer. List (1832) 7561.

Extra-Philippine range?

Bulbophyllum Thouars

Bulbophyllum absconditum JJ Sm., Orch. Java (1905) 449; --Pelma absconditum (JJ Sm.) Finet, Notul. Syst. (Paris) 1 (1909) 113
Extra-Philippine range?

Bulbophyllum aestivale Ames, Orchidaceae 5 (1915) 164; --Ames in Merr., EPFP 1 (1925) 378. --Type: CA Wenzel 0395 (AMES*, holo; iso: GH*, US*). Leyte: Leyte prov., epiphyte in forest, altitude 600m, 25 May 1914.
LEYTE. Epiphytic in forest, altitude 500-600m.

Bulbophyllum alagense Ames, PJS 2 c (1907) Bot. 333; --Ames in Merr., EPFP 1 (1925) 379; --Cootes, Orch. Philip. (2001) 31. --Type:
LUZON: Benguet, Rizal, Laguna, Camarines Sur, MINDORO: Mindoro Oriental, LEYTE, MINDANAO: widespread. Epiphytic, to 500m.

Bulbophyllum alboroseum Ames, Orchidaceae 7 (1922) 164; --Ames in Merr., EPFP 1 (1925) 379. --Type: Ramos & Edaño 105 (AMES*, holo). Luzon: Benguet prov., Mt Lusong, epiphytic on dead branches, altitude 2000m, 7 Oct 1928.
LUZON: Benguet.

Bulbophyllum alsiosum Ames in Elmer, LPB 5 (1912) 1583; --Ames in Merr., EPFP 1 (1925) 379. --Type: Elmer 9817 (AMES*, holo; iso: AMES*, L*, NY*, US*). Negros: Negros Oriental prov., Cuernos Mtns, Apr 1908.
LUZON: Rizal, NEGROS: Negros Oriental (Cuernos Mtns), LEYTE. Epiphytic in forest, altitude 600-1300m.

Bulbophyllum antenniferum (Lindl.) Reichb.f. in Walp. Ann. Bot. Syst. 6 (1861) 250; --Ames in Merr., EPFP 1 (1925) 379; --Cootes, Orch. Philip. (2001) 31; --Hyalosema antenniferum (Lindl.) Rysy, J. Orchideenfreund 9 (2002) 324; --Cirrhopetalum antenniferum Lindl., Edwards's Bot. Reg. 29 (1843) t. 49; Java, Borneo, Philippines, New Guinea.
LUZON: Bataan, Laguna, Quezon, Sorsogon, SIBUYAN, LEYTE, MINDANAO: Lanao del Sur. Epiphytic, usually on tree trunks, sometimes on rocks, low elevations to 500m.

Bulbophyllum apertum Schltr., Bull. Herb. Boiss., ser. 2, 6 (1906) 462.
Thailand, Peninsular Malaysia, Sumatra, Borneo, Philippines, Sulawesi, Moluccas.
LUZON: E coast.

Bulbophyllum apodum Hook.f., Fl. Brit. India 5 (1890) 766.
Extra-Philippine range?

Bulbophyllum aquosum W Suarez, ined.
Philippines.

Bulbophyllum apoense Schuit. & de Vogel, Blumea 48 (2003) 506; --Bulbophyllum graciliscapum Ames & Rolfe, Orch. 5 (1915) 175; --Ames in Merr., EPFP 1 (1925) 384. --Type: Copeland 1127 (AMES*, holo). Mindanao: Davao, Mt Apo, 22 Apr 1904.
MINDANAO: Davao (Mt Apo). Epiphytic on mossy branch, altitude 2000m.

Bulbophyllum arrectum Kraenzl., Fedde Repert. 17 (1921) 384; --Ames in Merr., EPFP 1 (1925) 379. --Type: Loher sn (AMES*, type fragment and photo of drawing. Possibly from Luzon: Rizal prov., Oct 1916. Known only from fragmentary type material, according to Ames (1924), very close to *B stellatum* Ames.

Bulbophyllum basisetum JJ Sm., Repert. Spec. Nov. Regni Veg. 26 (1929) 347.
Philippines

Bulbophyllum bolsteri Ames, PJS 7 c (1912) Bot. 126; --Ames in Merr., EPFP 1 (1925) 380. --Type: Bolster 349 (AMES*, holo). Mindanao: Surigao del Norte prov., May-Jun 1906.
LUZON: Rizal, MINDANAO: Lanao del Sur, Surigao del Norte. Epiphytic.

Bulbophyllum bontocense Ames, PJS 7 c (1912) Bot. 126, 135; --Ames in Merr., EPFP 1 (1925) 380. --Type: Vanoverbergh 1382 (AMES*, holo; iso: AMES*, L*). Luzon: Mountain Province, epiphytic, altitude 1650m, 17 Aug 1911.
LUZON: Mountain Province, Zambales. Epiphytic, altitude 1450-1700m.

Bulbophyllum braccatum Reichb.f., Linnaea 41 (1877) 117; --Ames in Merr., EPFP 1 (1925) 380.
Bulbophyllum hortensoides Ames, Orchidaceae 6 (1920) 300 ; --Ames in Merr., EPFP 1 (1925) 384.
LUZON?, LEYTE. Epiphytic in forests, altitude 600m.

Bulbophyllum canlaonense Ames, PJS 7 c (1912) Bot. 126, 136; --Ames in Merr., EPFP 1 (1925) 380.
LUZON: Benguet, NEGROS: Negros Occidental (Mt Kanlaon), MINDANAO: Bukidnon.
Epiphytic, altitude 1300-2300m.

Bulbophyllum carunculatum Garay, Hamer & Siegerist, Lindleyana 10 (1995) 174; --Cootes, Orch. Philip. (2001) 32.
Described from a plant originating in the Philippines.

Bulbophyllum catenulatum Kraenzl., Fedde Repert. Spec. Nov. Regni Veg. 17 (1921) 382; --Ames in Merr., EPFP 1 (1925) 380; --Cootes, Orch. Philip. (2001) 33. --Type: Loher *sn* (AMES*, type fragment and drawing).
Luzon, presumably the Sierra Madre Mtns E of Manila)
LUZON: Nueva Vizcaya, Nueva Ecija. Epiphytic on branches and tree trunks, sometimes on rocks, 1000-1800m.

Bulbophyllum cephalophorum Garay, Hamer & Siegerist, Lindleyana 11 (1996) 227; --Cootes, Orch. Philip. (2001) 33.
LUZON: Nueva Vizcaya, Nueva Ecija. Epiphytic, c. 1200m.

Bulbophyllum cheiri Lindl., Edwards' Bot. Reg. 30 (1844) t. 44; --Cootes, Orch. Philip. (2001) 209; --Sarcopodium cheiri (Lindl.) Lindl. & Paxton *in* Paxton's Fl. Gard. 1 (1850) 155.
Extra-Philippine distribution? LUZON: Quezon. Epilithic or epiphytic, in light shade, altitude c. 300m.

Bulbophyllum chrysendetum Ames, Orchidaceae 5 (1915) 169; --Ames in Merr., EPFP 1 (1925) 381.
LEYTE (Dagami & Jaro). Forest epiphyte, altitude 60-600m.

Bulbophyllum chryseum (Kraenzl.) Ames, PJS 6 c (1911) Bot. 54 (excl. spec.); --Ames in Merr., EPFP 1 (1925) 380; --Cirrhopetalum chryseum Kraenzl., Fedde Repert. Spec. Nov. Regni Veg. 8 (1910) 97. --Type:
LUZON : Rizal, LEYTE. Epiphytic at low altitudes, altitude 60m in Leyte.

Bulbophyllum clandestinum Lindl. in Edwards's Bot. Reg. 27 (1841) t. 77.
Epidendrum sessile J Koenig in AJ Retzius, Observ. Bot. 6 (1791) 60.
Extra-Philippine range?

Bulbophyllum cleistogamum Ridl., J. Linn. Soc., Bot. 31 (1896) 277; --Cootes, Orch. Philip. (2001) 34. --Type:
Peninsular Malaysia, Borneo, Philippines.

LUZON: Quezon, possibly elsewhere in the E parts. Epilithic or epiphytic in shade, altitude c. 500m.

Bulbophyllum colubrimodum Ames, Sched. Orchid. 6 (1923) 82, Fig. 12; --Ames in Merr., EPFP 1 (1925) 381. --Type: CA Wenzel 698
LEYTE. Forest epiphyte, altitude 600m.

Bulbophyllum cootesii MA Clem., Austral. Orchid Rev. 64 (1999) 6; --Cootes, Orch. Philip. (2001) 35. --
Type:
MINDANAO. Epiphytic, altitude up to 500m.

Bulbophyllum copelandii Ames, Orchidaceae 1 (1905) 97; --Ames in Merr., EPFP 1 (1925) 381. --Type: Copeland 1316.
LUZON: Laguna, MINDANAO: Davao.

Bulbophyllum cornutum (Blume) Reichb.f. in Walpers, Ann. Bot. Syst. 6 (1861) 247; --Ephippium
cornutum Blume, Bijdr. (1825) 308.
Extra-Philippine range?

Bulbophyllum costatum Ames, Orchidaceae 6 (1920) 299; --Ames in Merr., EPFP 1 (1925) 381. --Type: CA Wenzel 665.
LEYTE. Forest epiphyte, altitude 600m.

Bulbophyllum cryptophoranthus Garay, Harvard Pap. Bot. 4 (1999) 475.
Bulbophyllum cryptophoranthoides Garay, Harvard Pap. Bot. 4 (1999) 302, *nom. illeg.*
Philippines

Bulbophyllum cubicum Ames, Orchidaceae 7 (1922) 83; --Ames in Merr., EPFP 1 (1925) 381. --Type: BS 38633 Ramos & Edaño (AMES*, holo). Mindanao: Bukidnon prov., Mahilucot River, forest epiphyte, altitude 1400m, Jun-Jul 1920.
MINDANAO: Bukidnon (Mahilucot River). Forest epiphyte, altitude 1400m.

Bulbophyllum cuneatum Rolfe ex Ames, Orchidaceae 1 (1905) 98; --Ames in Merr., EPFP 1 (1925) 381. --
Type: Merrill 3730 (AMES*, holo). Luzon: Bataan prov., Mt Mariveles, altitude c. 1000m, 1 Jan 1904
LUZON: Bataan (Mt Mariveles).

Bulbophyllum cupreum Lindl., Edwards's Bot. Reg. 24 (1838) Misc. t. 95; --Cootes, Orch. Philip. (2001) 35. --Type:
Thailand, Philippines.
LUZON: Aurora. Bole epiphyte, c. 500m.

Bulbophyllum curranii Ames, PJS 7 c (1912) Bot. 127, 130; Orchidaceae 5 (1915) 170; --Ames in Merr., EPFP 1 (1925) 382. --Type: FB 4953 Curran (AMES*, holo). Luzon: Benguet prov., summit of Mt Tonglon [=Mt Sto Tomas], 'epiphytic vine', 8 Aug 1906.
Bulbophyllum calophyllum LO Williams, Bot. Mus. Leaflet. 6 (1938) 98. --Type: Loher 14649 (AMES*, holo). Luzon : Rizal prov., Sept 1909.
LUZON: Benguet, Rizal. Epiphytic, altitude 2200m in Benguet.

Bulbophyllum dasypetalum Rolfe ex Ames, Orchidaceae 1 (1905) 98; --Ames in Merr., EPFP 1 (1925) 382. --Type: Merrill 3720 (AMES*, holo; iso: US*). Luzon: Bataan prov., Mt Mariveles, 1 Jan 1904.
Bulbophyllum vanoverberghii Ames, PJS 7 c (1912) Bot. 133; --Ames in Merr., EPFP 1 (1925) 389. --Type: Vanoverbergh 1367 (AMES*, holo; iso: NY*). Luzon: Mountain Province, Aug 1911.
LUZON: Mountain Province, Bataan (Mt Mariveles).

Bulbophyllum dearei (Reichb.f.) Reichb.f., Flora 71 (1888) 156; --Ames in Merr., EPFP 1 (1925) 382; --

Cootes, Orch. Philip. (2001) 36; --Sarcopodium dearei Hort. ex Gard. Chron. 2, 20 (1883) 108, Fig. 17.

–Type:

Peninsular Malaysia, Borneo, Philippines.

LUZON: Bataan, PALAWAN, MINDANAO: Lanao del Sur, Davao del Sur. Epiphytic and sometimes epilithic, altitude 700-1200m.

Bulbophyllum deprincatae JJ Verm., Gard. Bull. Sing. 54 (2002) 114. –Type: Philippines

Bulbophyllum dissolutum Ames, PJS 8 c (1913, publ. 1914) Bot. 429; --Ames in Merr., EPFP 1 (1925) 382. –Type: BS 15069 Ramos (AMES*, holo). Luzon: Laguna prov., San Antonio, 13 Jun 1912.

LUZON: Laguna.

Bulbophyllum doryphoroide Ames, Orchidaceae 5 (1915) 172; --Ames in Merr., EPFP 1 (1925) 382. –Type: BS 19873 McGregor (AMES*, holo). Luzon: Ifugao prov., Mt Polis, Feb 1913.

LUZON: Ifugao (Mt Polis).

Bulbophyllum ebracteolatum Kraenzl., in Ann. k. k. Nat. Hofmus. Wien 30 (1916) 58; --Ames in Merr., EPFP 1 (1925) 382. –Type: Loher sn (not seen). Probably from Luzon

Known only from the original description.

Bulbophyllum echinophilum Kraenzl., Repert. Spec. Nov. Regni Veg. 16 (1921) 385. –Type: Loher sn (AMES*, holotype fragment, also drawing of type). Luzon?

Extra-Philippine range?

Bulbophyllum ecornutoides Cootes & W Suarez, Aust. Orch. Review 71 (2006) 6, 35-36. –Type: Philippines

- [*Bulbophyllum ecornutoides* Cootes & W.Suarez](#) -- Austral. Orchid Rev. 71(6): 36 (35; figs.). 2006 [Dec 2006]

Bulbophyllum elassoglossum Siegerist, Amer. Orchid Soc. Bull. 60 (1991) 865; --Cootes, Orch. Philip. (2001) 37. –Type:

Philippines. Exact locality not known. Described from plants grown in the United States.

Bulbophyllum elmeri Ames, PJS 7 c (1912) Bot. 127; --Ames in Merr., EPFP 1 (1925) 382. –Type: Elmer 6618 (AMES*, iso). Luzon: Benguet prov., Baguio, 8 Mar 1904.

LUZON: Benguet (Baguio).

Bulbophyllum elongatum (Blume) Hassk., Cat. Hort. Bogor. (1844) 39; --Ames in Merr., EPFP 1 (1925) 382; --Ephippium elongatum Blume, Bijdr. (1825) 308. –Type:

Peninsular Malaysia, Java, S Philippines.

MINDANAO: Cotabato, Bukidnon. Forest epiphyte, altitude 100-900m.

Bulbophyllum emiliorum Ames & Quisumb., PJS 64 (1931) 377; --Cootes, Orch. Philip. (2001) 37. –Type:

Emilio Quisumbing 5154 (AMES*, posible holo). Mindanao: Agusan del Norte prov., Butuan, epiphytic on tree trunk in mangrove, 22 Aug 1919.

Philippines and Papua New Guinea.

LUZON: Rizal, Laguna, Quezon, SAMAR, MINDANAO: Agusan del Norte. Epiphytic on tree trunks, altitude 100-400m.

Bulbophyllum erosipetalum Schweinf., Philip. Orchid Rev. 4(3) (1951) 15. –Type: PNH 15085 KB Day (AMES*, holo). Described from cultivated plant originally collected from Mindanao: Cotabato prov., Dec 1951.

Osyricera erosipetala (Schweinf.) Garay, Hamer & Siegerist, Nordic J. Bot. 14 (1994) 643.

MINDANAO: Cotabato.

Bulbophyllum erratum Ames, Orchidaceae 7 (1922) 85; --Ames in Merr., EPFP 1 (1925) 383. --Type: BS 38685 Ramos & Edaño (AMES*, holo; iso: NY*, US*). Mindanao: Bukidnon prov., Mahilucot River, along stream in forest, altitude c. 1400m, 14 Jul 1920.

MINDANAO: Bukidnon.

Bulbophyllum escritorii Ames, Orchidaceae 5 (1915) 174; --Ames in Merr., EPFP 1 (1925) 383. --Type: BS 20734 Escritor (AMES*, holo). Luzon: Quezon prov., Mar-Apr 1913.

LUZON: Benguet, Quezon. Epiphytic, up to 2000m in Benguet.

Bulbophyllum exile Ames, Orchidaceae 2 (1908) 208, text cut; --Ames in Merr., EPFP 1 (1925) 383. -- Syntypes: Copeland 1123 (AMES*); RS Williams 2563 (NY*). Mindanao: Davao, Mt Apo, collected on 22 Apr 1904 and 1 Apr 1905, respectively.

MINDANAO: Davao (Mt Apo), epiphyte in the summit area, altitude c. 2900m

Bulbophyllum exquisitum Ames, Sched. Orchid. 6 (1923) 84; --Ames in Merr., EPFP 1 (1925) 383; --

Bulbophyllum macgregorii Ames, PJS 7 c (1912) 137, *nom. illeg.* --Syntypes: BS 8322 RC McGregor
LUZON: Benguet. Epiphytic in mossy forest, altitude 2100-2400m.

Bulbophyllum extravagans W Suarez, ined.

Philippines

Bulbophyllum facetum Garay, Hamer & Siegerist, Lindleyana 11 (1996) 227; --Cootes, Orch. Philip. (2001) 38. --Type:

LUZON: Nueva Ecija. Epiphytic on tree trunks in fairly shady sites, c. 1200m.

Bulbophyllum fenixii Ames, PJS 8 c (1913, publ. 1914) Bot. 430; --Ames in Merr., EPFP 1 (1925) 383. --

Type: BS 4138 E Fenix

CAMIGUIN DE BABUYANES.

Bulbophyllum aff. **fenixii** Ames, --Cootes, Orch. Philip. (2001) 38.

LUZON: Nueva Vizcaya, Nueva Ecija. Epiphytic, altitude c. 1200m.

Bulbophyllum filicoides Ames, Sched. Orchid. 6 (1923) 84, Fig. 11; --Ames in Merr., EPFP 1 (1925) 382. --

Type: Elmer 14200

MINDANAO: Agusan del Norte. Epiphytic, altitude 1500m.

Bulbophyllum flavescens (Blume) Lindl., Gen. Sp. Orchid. Pl. (1830) 54; --Diphyes flavescens Blume, Bijdr. (1825) 313. --Type:

Bulbophyllum adenopetalum Lindl., Bot. Reg. 28 (1842) Misc. 85; --Ames in Merr., EPFP 1 (1925) 378. --Type:

Bulbophyllum ramosii Ames, PJS 7 c (1912) Bot. 25. --Type:

Bulbophyllum clemensiae Ames, PJS 7 c (1912) Bot. 127; --Ames in Merr., EPFP 1 (1925) 381. --Type: MS Clemens 440.

Peninsular Malaysia, Borneo, Philippines.

LUZON: Apayao, Mountain Province, Bataan, Rizal, Laguna, Quezon, MINDORO, LEYTE,

MINDANAO: Zamboanga del Norte (Dapitan), Lanao del Sur (Camp Keithley), Bukidnon.

Epiphytic at 500-2700m.

Bulbophyllum giganteum (Quisumb. & Schweinf.) W Suarez

Philippines.

Bulbophyllum gilvum JJ Verm. & AL Lamb, Blumea 38 (1994) 338. --Type:

Extra-Philippine range?

Bulbophyllum gimagaanense Ames, PJS 7 c (1912) Bot. 127; --Ames in Merr., EPFP 1 (1925) 383. --Type: LUZON: Laguna, PANAY: Capiz, NEGROS: Negros Occidental, LEYTE. Epiphytic, altitude 100-700m.

Bulbophyllum glandulosum Ames, Sched. Orchid. 6 (1923) 87, Fig. 12; --Ames in Merr., EPFP 1 (1925) 382. --Type: BS 28787 Ramos & Edaño
LUZON: Quezon. Epiphyte, altitude 1000m.

Bulbophyllum glebulosum JJ Verm. & Cootes, Malesian Orchid Journal 1 (2008) 147–151. --Type: Philippines.

[*Bulbophyllum glebulosum* J.J.Verm. & Cootes](#) -- Malesian Orchid J. 1: 147 (-149; fig. 1). 2008 [28 Feb 2008]

Bulbophyllum gnomoniferum Ames, Orchidaceae 2 (1908) 209, text cut; --Ames in Merr., EPFP 1 (1925) 382. --Type: Copeland 1023.
MINDANAO: Davao del Sur (Mt Apo). Epiphyte, altitude 1500m.

Bulbophyllum goebelianum Kraenzl., Fedde Repert. 17 (1921) 385; --Ames in Merr., EPFP 1 (1925) 384.
--Type: Loher sn.
Probably LUZON. Allied to *B. dearei*

Bulbophyllum halconense Ames, PJS 2 c (1908) Bot. 127; --Ames in Merr., EPFP 1 (1925) 384; --Cootes, Orch. Philip. (2001) 39. --Type:
MINDORO: Mindoro Oriental (Mt Halcon). Epiphytic on tree trunks and branches, altitude 1500-2500m.

Bulbophyllum inunctum JJ Sm., Icon. Bogor. 3 (1906) 37, t. 215.
Extra-Philippine range?
LUZON: E coast.

Bulbophyllum invisum Ames, Orchidaceae 7 (1922) 148; --Ames in Merr., EPFP 1 (1925) 384. --Type: Ramos & Edaño 58
LUZON: Benguet (Mt Pulogloco). Epiphytic in mossy forest, altitude 2200m.

Bulbophyllum kettridgei (Garay, Hamer & Siegerist) JJ Verm., Nordic J. Bot. 16(4) (1996) 381. --
Type:
Philippines. **Check year of publication, 1997?**

Bulbophyllum lancifolium Ames in Elmer, LPB 5 (1912) 1583; --Ames in Merr., EPFP 1 (1925) 384. --Type: NEGROS, MINDANAO: Bukidnon, Davao del Sur (Mt Apo). Epiphyte at c. 2600m altitude on Mt Apo.

Bulbophyllum lancilabium Ames, Orchidaceae 5 (1915) 176; --Ames in Merr., EPFP 1 (1925) 384. --Type: BS 20439 Ramos
LUZON: Laguna. Epiphyte, altitude 1000m.

Bulbophyllum lancipetalum Ames, PJS 7 c (1912) Bot. 23, 127; --Ames in Merr., EPFP 1 (1925) 380.
--Type: FB 4608 Mearns & Hutchinson. Mindanao: Misamis Occidental prov., Mt Malindang, altitude 2400m, 4 Jun 1906.
MINDANAO: Misamis Occidental (Mt Malindang), Davao del Sur (Mt Apo). Altitude 2000-2400m.

Bulbophyllum lasioglossum Rolfe ex Ames, Orchidaceae 1 (1905) 100; --Ames in Merr., EPFP 1 (1925) 384; --Cootes, Orch. Philip. (2001) 39. --Type:
?*Bulbophyllum breviscopum* (Rolfe) Ridl., Mat. Fl. Malay. Penins. 1: 78 (1907).

LUZON: Bataan, Laguna. Epiphytic, altitude c. 1000m. Endemic unless identical with *Bulbophyllum breviscapum* (Rolfe) Ridl. of Peninsular Malaysia.

Bulbophyllum lasiopetalum Kränzl., in Ann. k. k. Nat. Hofmus. Wien 30 (1916) 57; --Ames in Merr., EPFP 1 (1925) 384. --Type: Loher sn.
LUZON?

Bulbophyllum laxiflorum (Blume) Lindl., Gen. Sp. Orchid. Pl. (1830) 57; --Diphyes laxiflora Blume, Bijdr. (1825) 316; --Cootes, Orch. Philip. (2001) 40. --Type:
Bulbophyllum luzonense Ames, PJS 7 c (1912) Bot. 127, 141; --Ames in Merr., EPFP 1 (1925) 385. --Type:
Bulbophyllum syllectum Kraenzl., Fedde Repert. 17 (1921) 383; --Ames in Merr., EPFP 1 (1925) 388. --Type:
Burma, Thailand, Laos, Peninsular Malaysia, Sumatra, Borneo, Philippines, Sulawesi.
LUZON: Cagayan, Nueva Vizcaya, Zambales, Laguna, LEYTE, MINDANAO: Agusan del Sur, Surigao del Sur. Epiphytic, altitude 120-1000m.

Bulbophyllum leibergii Ames & Rolfe, Orch. 5 (1915) 177; --Ames in Merr., EPFP 1 (1925) 384. --Type: Leiberg 6034.
LUZON: Bataan (Mt Mariveles). Altitude 900m.

Bulbophyllum lemniscatoides Rolfe, Gard. Chron., 1 (1890) 672.
Thailand, Vietnam, Sumatra, Java, C Philippines.
NEGROS

Bulbophyllum lepantense Ames, PJS 7 c (1912) Bot. 127, 131; --Ames in Merr., EPFP 1 (1925) 385; --Cootes, Orch. Philip. (2001) 40. --Type:
LUZON: Ifugao, Mountain Province, Benguet. Epiphytic on mossy trunks and branches, altitude 2200-2450m.

Bulbophyllum leptocaulon Kränzl., in Ann. k. k. Nat. Hofmus. Wien 30 (1916) 59; --Ames in Merr., EPFP 1 (1925) 385. --Type: Loher sn. Probably Luzon.
Known only from the original description and fragment of the type.

Bulbophyllum levanae Ames, Orchidaceae 5 (1915) 178; --Ames in Merr., EPFP 1 (1925) 385. --Type:
Bulbophyllum levanae var. giganteum Quisumb. & Schweinf., Philip. Orchid Rev. 5 (1953) 2. --Type:
Bulbophyllum trigonosepalum Kraenzl., Fedde Repert. 17 (1921) 384; --Ames in Merr., EPFP 1 (1925) 389. --Type: Loher sn. Probably from Luzon.
LUZON: Albay, NEGROS. Epiphytic, occasionally lithophytic, altitude 1000m.

Bulbophyllum leytense Ames, Orchidaceae 5 (1915) 178; --Ames in Merr., EPFP 1 (1925) 385. --Type:
LEYTE, MINDANAO: Agusan del Norte. Epiphyte.

Bulbophyllum lipense Ames, Sched. Orchid. 3 (1923) 22; --Ames in Merr., EPFP 1 (1925) 385. --Type: BS 38582 Ramos & Edaño
MINDANAO: Bukidnon. Epiphyte in damp forest, altitude 1300m.

Bulbophyllum lobbii Lindl., Edwards's Bot. Reg. 33 (1847) t. 29; --Cootes, Orch. Philip. (2001) 41; --*Sestochilus uniflorum* Breda, Gen. Sp. Orchid. Asclep. (1827) t. 3. --Type:
Bulbophyllum bataanense Ames, Orchidaceae 1 (1905) 96; --Ames in Merr., EPFP 1 (1925) 379. --Type: Whitford 163 (AMES*, holo). Luzon: Bataan prov., Mt Mariveles, Lamao, May 1904
Thailand, Sumatra, Peninsular Malaysia, Borneo, Philippines.
LUZON: Ifugao, Mountain Province, Benguet, Zambales, Bataan, Laguna, PALAWAN,
MINDANAO: Lanao, Davao. Epiphytic, altitude 1000-1500m.

Bulbophyllum longipetiolatum Ames in Elmer, LPB 5 (1912) 1584; --Ames in Merr., EPFP 1 (1925) 385. --

Type: Elmer 10883. Mindanao: Davao del Sur prov., Mt Apo, Todaya.
MINDANAO: Davao del Sur (Mt Apo). Epiphytic in humid forest, altitude c. 1300m.

Bulbophyllum lotax W Suarez, ined.
Philippines.

Bulbophyllum macranthum Lindl., Edwards's Bot. Reg. 30 (1844) t. 13. --Type:
Carpomorphis macrantha (Lindley) MA Clem. & DL Jones, Orchadian 13 (2002) 499.

Bulbophyllum maculatum Boxall ex Náves in Blanco, Fl. Filip., ed. 3, 13A: 235

Bulbophyllum maculosum Ames, Orchidaceae 5 (1915) 180; --Ames in Merr., EPFP 1 (1925) 385. --Type:
LEYTE: Leyte (Dagami). Epiphyte in forest at 60m altitude.

Bulbophyllum magnum JJ Verm., ined.?
Philippines.

Bulbophyllum maquilingense Ames & Quisumb., PJS 47 (1932) 208 ; --Cootes, Orch. Philip. (2001) 41.
--Type:

var. maquilingense

LUZON : Laguna, Quezon. Epiphytic, usually at the base of small trees, altitude c. 1000m.

var. insularum W Suarez, ined.
Philippines.

Bulbophyllum marivelense Ames, PJS 7 c (1912) Bot. 127, 131; --Ames in Merr., EPFP 1 (1925) 386. --
Type:
Philippines.

Bulbophyllum masaganapense Ames, Orchidaceae 6 (1920) 302; --Ames in Merr., EPFP 1 (1925) 386. --
Type:
Philippines.

Bulbophyllum maxillare (Lindl.) Reichb.f. in Walp., Ann. Bot. Syst. 6 (1861) 248; --Cootes, Orch. Philip. (2001) 42; --Phyllorkis maxillaris (Lindl.) Kuntze, Revis. Gen. Pl. 2 (1891) 677; --Cirrhopetalum maxillare Lindl., Edwards's Bot. Reg. 29 (1843) t. 49;
Bulbophyllum blumei (Lindl.) JJ Sm., Fl. Buitenz. 6 (Orch. Jav.) (1905) 459; --Ames in Merr., EPFP 1 (1925) 380;
As B blumei: Borneo, Philippines.
LUZON: Cavite, MINDORO, BOHOL, LEYTE. Epiphytic, usually on tree trunks, up to 300m.

Bulbophyllum mearnsii Ames, PJS 8 c (1913, publ. 1914) Bot. 430; --Ames in Merr., EPFP 1 (1925) 386; --
Orch. Philip. (2001) 42; --Bulbophyllum carinatum Ames, PJS, C 7: 140 (1912), *nom. illeg.*, --Type :
LUZON: Sorsogon, CATANDUANES, BOHOL, MINDANAO: Zamboanga del Norte, Zamboanga del Sur, Misamis Occidental, Agusan del Norte, Agusan del Sur. Epiphytic, c. 900m.

Bulbophyllum megalanthum Griff., Not. Pl. Asiat. 3 (1851) 286.
Extra-Philippine range?

Bulbophyllum melanochilum (Kraenzl.) Cootes & W Suarez, Aust. Orch. Rev. (2009) xxx; --
Bulbophyllum melanoglossum Kränzl., in Ann. k.k. Nat. Hofmus. Wien 30 (1916) 60, *non* Hayata; --Ames
in Merr., EPFP 1 (1925) 386. --Type:

Hand-written comments (by Schweinfurth?) regarding the name **Bulbophyllum melanochilum** Kraenzl. on the holotype sheet at A: "No record of this name was found. May it not be B.

melanoglossum Kränzl.?" C.S., Feb. 1936".

Bulbophyllum membranifolium Hook.f., Fl. Brit. India 5 (1890) 756.

Bulbophyllum dagamense Ames, Orchidaceae 5 (1915) 170; --Ames in Merr., EPFP 1 (1925) 382. --Type: CA Wenzel 57 (AMES*, holo). Leyte: Leyte prov., Dagami, 31 Dec 1912.

Extra-Philippine range?

LEYTE (Dagami; Jaro). Forest epiphyte, altitude 60-500m.

Bulbophyllum merrittii Ames, PJS 2 c (1907) Bot. 334; --Ames in Merr., EPFP 1 (1925) 386. --Type:

Philippines.

Bulbophyllum mindanaense Ames in Elmer, LPB 5 (1912) 1585; --Ames in Merr., EPFP 1 (1925) 386. --

Type:

Philippines.

Bulbophyllum mindorense Ames, PJS 2 c (1907) Bot. 334; --Ames in Merr., EPFP 1 (1925) 386. --Type:

Philippines.

Bulbophyllum monstrabile Ames, Orchidaceae 5 (1915) 182; --Ames in Merr., EPFP 1 (1925) 386. --Type:

Philippines.

Bulbophyllum mucronatum (Blume) Lindl., Gen. Sp. Orchid. Pl. (1830) 50; --Diphyes mucronata Blume,

Bijdr. (1825) 317.

Extra-Philippine range?

Bulbophyllum mutabile (Blume) Lindl., Gen. Sp. Orchid. Pl. (1830) 48; --Diphyes mutabilis Blume, Bijdr.

(1825) 312. --Type:

Extra-Philippine range?

Bulbophyllum nasseri Garay, Harvard Pap. Bot. 4 (1999) 303. --Type:

Philippines

Bulbophyllum negrosianum Ames in Elmer, LPB 5 (1912) 1586; --Ames in Merr., EPFP 1 (1925) 386; --

Orch. Philip. (2001) 43. --Type:

NEGROS: Negros Oriental (Cuernos Mtns). Epiphytic, c. 1400m.

Bulbophyllum nemorale LO Williams, Bot. Mus. Leaflet 6 (1938) 100. --Type:

Philippines

Bulbophyllum nymphopolitanum Kraenzl., Ann. K.K. Naturhist. Mus. Wien 30 (1916) 60; --Cootes, Orch.

Philip. (2001) 43. --Type:

LUZON: Albay. Epiphytic or occasionally lithophytic, altitude up to 1000m.

Bulbophyllum odoratum (Blume) Lindl., Gen. Sp. Orchid. Pl. (1830) 54; --Cootes, Orch. Philip. (2001)

44. --Diphyes odorata Blume, Bijdr. (1825) 312;

Bulbophyllum deceptum Ames, Orchidaceae 5 (1915) 171; --Ames in Merr., EPFP 1 (1925) 382. --Type: CA Wenzel

148 (AMES*, holo). Leyte: Leyte prov., Dagami, epiphyte in forest, 21 Jun 1913.

Peninsular Malaysia, **Sumatra**, Philippines, Sulawesi, Moluccas.

LUZON: Ifugao, Rizal, LEYTE, SAMAR, MINDANAO: Agusan, Davao, Surigao. Epiphytic, altitude up to 1000m.

Bulbophyllum orectopetalum Garay, Hamer & Siegerist, Orchidee 43(3) (1992) 41.

Extra-Philippine range

Bulbophyllum ornithorhynchum (JJ Sm.) Garay, Hamer & Siegerist, Orchidee (Hamburg) 43 (1992)

266; --Cirrhopetalum ornithorhynchus JJ Sm., Icon. Bogor. (1903) t. 121.

Extra-Philippine range

Bulbophyllum orthoglossum Wendl. & Kraenzl., Gard. Chron. iii, 19 (1896) 326; --Ames in Merr., EPFP 1 (1925) 386; --Cootes, Orch. Philip. (2001) 44. --Type:

SARANGGANI. Epiphytic, up to 300m.

Bulbophyllum pampangense Ames, Sched. Orchid. 6 (1923) 92; --Ames in Merr., EPFP 1 (1925) 387. --Type: Merrill 11214 (AMES*, holo). Luzon: Pampanga prov., Dec 1918.

LUZON : Pampanga.

Bulbophyllum papillipetalum Ames, Orchidaceae 7 (1922) 149; --Ames in Merr., EPFP 1 (1925) 387. --

Type: Ramos & Edaño 79 (AMES*, holo). Luzon: Benguet prov., Mt Boadan, epiphytic on mossy forest slope, altitude 6800ft, 27 Sept 1921

LUZON: Benguet.

Bulbophyllum papulosum Garay, Harvard Pap. Bot. 4 (1999) 304; --Cootes, Orch. Philip. (2001) 44. --Type: Endemic to the Philippines. Exact locality not known. Reportedly epiphytic, to 500m.

Bulbophyllum pardalotum Garay, Hamer & Siegerist, Lindleyana 10 (1995) 179; --Cootes, Orch. Philip. (2001) 45. --Type:

LUZON: Nueva Vizcaya, Nueva Ecija. Epiphytic, altitude c. 1200m in well-lit sites.

Bulbophyllum pauciflorum Ames, PJS 7 c (1912) Bot. 127, 132; --Ames in Merr., EPFP 1 (1925) 387. --Type: Vanoverbergh 1381 (AMES*, holo). Luzon: Mountain Province, altitude 1650m, 17 Aug 1911.

LUZON : Mountain Province. Epiphytic, altitude 1650m.

Bulbophyllum penduliscapum JJ Sm., Icon. Bogor. 2 (1903) 101.

Bulbophyllum jarenses Ames, Orchidaceae 6 (1920) 301; --Ames in Merr., EPFP 1 (1925) 384. --Type: CA Wenzel 761 (NY*, iso). Leyte: Jaro, 27 Nov 1917.

Extra-Philippine range

As B jarenses: LEYTE. Forest epiphyte, altitude 500m.

Bulbophyllum peramoenum Ames, PJS 8 c (1913, publ. 1914) Bot. 430; --Ames in Merr., EPFP 1 (1925) 387. --Type: Merrill 8271 (AMES*, holo). Mindanao: Zamboanga, Sax River, 28 Nov 1911.

MINDORO, MINDANAO: Zamboanga.

Bulbophyllum philippinense Ames, Orchidaceae 6 (1920) 303; --Ames in Merr., EPFP 1 (1925) 387.

--Type: CA Wenzel (AMES*, holo; iso: US*). Leyte: Leyte prov., Jaro, epiphyte in forest, altitude 500m, 13 Nov 1914.

LEYTE. Epiphytic, altitude 500m.

Bulbophyllum piestoglossum JJ Verm., Blumea 38 (1993) 152; --Cootes, Orch. Philip. (2001) 46. --Type: PNH 5362 MD Sulit (L*, holo; iso: AMES*). Luzon: Laguna prov., Mt Makiling, epiphytic, altitude 800m, 23 Apr 1947.

LUZON: Laguna, Quezon. Epiphytic usually on tree trunks, altitude 600-1300m.

Bulbophyllum pleurothalloides Ames, PJS 2 c (1907) Bot. 335; --Ames in Merr., EPFP 1 (1925) 387. --

Type: Merrill 6128 (AMES*, iso). Mindoro: Mindoro Oriental prov., Mt Halcon, on mossy trunks, altitude 4500ft, 14 Nov 1906.

MINDORO : Mindoro Oriental (Mt Halcon). Epiphytic in mossy forest, altitude c. 1500m.

Bulbophyllum profusum Ames, PJS 7 c (1912) Bot. 128, 137; --Ames in Merr., EPFP 1 (1925) 387; --

Cootes, Orch. Philip. (2001) 46. –Type:
Guam, Philippines.
LUZON: Cagayan, Nueva Vizcaya, Rizal, Laguna, Quezon, Sorsogon, POLILLO, SIBUYAN, PALAWAN, LEYTE, SAMAR, MINDANAO: Agusan del Norte, Surigao del Sur, BASILAN.
Epiphytic, often in shaded sites, up to 500m.

Bulbophyllum pseudoconiferum W Suarez & Cootes, Orchideen J. 16(2) (2009) 74 (-75; figs.) –
Type:
Philippines
[Bulbophyllum pseudoconiferum W.Suarez & Cootes](#) -- Orchideen J. 16(2): 74 (-75; figs.). 2009 [15 May 2009]

Bulbophyllum recurvilabre Garay, Harvard Pap. Bot. 4 (1999) 304. –Type:
Philippines

Bulbophyllum reilloi Ames, PJS 8 c (1913, publ. 1914) Bot. 431; --Ames in Merr., EPFP 1 (1925) 387. –Type:
Philippines

Bulbophyllum rhizomatosum Ames & Schweinf. in Ames, Orchidaceae 6 (1920) 194. –Type:
Philippines

Bulbophyllum rysyanum Roeth, Orchidee (Hamburg) 58(4) 92007) 512 (-514; figs.). –Type:
[Bulbophyllum rysyanum Roeth](#) -- Orchidee (Hamburg) 58(4): 512 (-514; figs.). 2007

Bulbophyllum santosii Ames, Orchidaceae 5 (1915) 186; --Ames in Merr., EPFP 1 (1925) 388; --Cootes, Orch. Philip. (2001) 46. –Type:
LUZON: Aurora, Laguna, Quezon, Camarines Sur (Mt Iriga), LEYTE, MINDANAO: Bukidnon.
Epiphytic, altitude to 800m.

Bulbophyllum sapphirinum Ames, Orchidaceae 5 (1915) 187; --Ames in Merr., EPFP 1 (1925) 388. –Type:
Philippines

Bulbophyllum saurocephalum Reichb.f., Gard. Chron. n.s. (1886) 262; --Ames in Merr., EPFP 1 (1925) 388; --Cootes, Orch. Philip. (2001) 47. –Type:
LUZON: Nueva Vizcaya, Nueva Ecija, Quezon. Epiphytic, altitude c. 1000m.

ssp. oncoglossum W Suarez, ined.
Philippines

Bulbophyllum savaianse Schltr., Fedde Repert. Spec. Nov. Regni Veg. 9 (1911) 106.
ssp. subcubicum (JJ Sm.) JJ Verm., Orchid Monogr. 7 (1993) 141; --Bulbophyllum subcubicum JJ Sm., Repert. Spec. Nov. Regni Veg. 10 (1912) 487; --Cootes, Orch. Philip. (2001) 48. –Type:
Philippines, Indonesia, New Guinea. LEYTE. Epiphytic. **Cootes (2001) cites an altitude of 2000m, but no 2000m mountain in Leyte. Apparently referring to localities outside the Philippines?**

Bulbophyllum schefferi (Kuntze) Schltr., Beih. Bot. Centralbl. 33(2) (1915) 417; --Phyllorchis schefferi Kuntze, Rev. Gen. Pl. 2 (1891) 676.
Bulbophyllum marcidum Ames, Sched. Orchid. 6 (1923) 90, Fig. 12; --Ames in Merr., EPFP 1 (1925) 386. –Type:
Extra-Philippine range?

Bulbophyllum sempiternum Ames, Orchidaceae 6 (1920) 304; --Ames in Merr., EPFP 1 (1925) 388. –
Type:

Philippines

Bulbophyllum sensile Ames, Orchidaceae 5 (1915) 188; --Ames in Merr., EPFP 1 (1925) 388. --Type: Philippines

Bulbophyllum simulacrum Ames, Orchidaceae 5 (1915) 189; --Ames in Merr., EPFP 1 (1925) 388. --Type: Philippines

Bulbophyllum socordine JJ Verm. & Cootes, Malesian Orchid J. 1 (2008) 147–151. --Type:

- [*Bulbophyllum socordine* J.J.Verm. & Cootes](#) -- Malesian Orchid J. 1: 149 (-151; fig. 2). 2008 [28 Feb 2008]

Bulbophyllum stellatum Ames, PJS 7 c (1912) Bot. 128, 141; --Ames in Merr., EPFP 1 (1925) 388. --Type: Philippines

Bulbophyllum subaequale Ames, Sched. Orchid. 6 (1923) 93; --Ames in Merr., EPFP 1 (1925) 388. --Type: Philippines

Bulbophyllum superfluum Kraenzl., Repert. Spec. Nov. Regni Veg. 26 (1929) 172. --Type: Philippines

Bulbophyllum tenuifolium (Blume) Lindl., Gen. Sp. Orch. Pl. (1830) 50; --*Diphyes tenuifolia* Blume, Bijdr. (1825) 310, t. 316.
Thailand, Sumatra, Peninsular Malaysia, Singapore, Java, Philippines.
Mtns of C Luzon.

Bulbophyllum toppingii Ames, PJS 7 c (1913, publ. 1914) Bot. 432; --Ames in Merr., EPFP 1 (1925) 389. --Type: Philippines

Bulbophyllum tortuosum (Blume) Lindl., Gen. Sp. Orch. Pl. (1830) 50.
Extra-Philippine range?

Bulbophyllum translucens W Suarez, ined.
Philippines

Bulbophyllum tricallosum W Suarez & Cootes, ined.
Philippines

Bulbophyllum unguiculatum Reichb.f., Linnaea 22 (1849) 836, 864.
Extra-Philippine range?

Bulbophyllum uniflorum (Blume) Hassk., Cat. Hort. Bot. Bogor (1844) 39; --*Ephippium uniflorum* Blume, Bijdr. (1825) 309. --Type:
Bulbophyllum aeolium Ames, PJS 8 c (1913, publ. 1914) Bot. 429; --Ames in Merr., EPFP 1 (1925) 378. --Type: BS 15391 Ramos (AMES*, US*, iso). Leyte: Leyte prov., Dagami, Aug 1912.
Extra-Philippine range?
LUZON: Rizal, LEYTE, MINDANAO: Bukidnon. Epiphytic in forests, altitude 600-1300m.

Bulbophyllum vagans Ames & Rolfe, PJS 2 c (1907) Bot. 335; --Ames in Merr., EPFP 1 (1925) 389. --Type: **var. vagans**
Philippines

var. angustum Ames, PJS 2 c (1907) Bot. 335; --Ames in Merr., EPFP 1 (1925) 389. --Type:
Philippines

Bulbophyllum vermiculare Hook.f., Fl. Brit. India 6 (1890) 188.
Extra-Philippine range?

Bulbophyllum wenzelii Ames, PJS 8 c (1913) Bot. 432; --Ames in Merr., EPFP 1 (1925) 389. --Type:

Bulbophyllum whitfordii Rolfe ex Ames, Orchidaceae 1 (1905) 100; --Ames in Merr., EPFP 1 (1925) 390.
--Type:
LUZON: Bataan (Mt Mariveles, Lamao River), BUSUANGA, BASILAN, MINDANAO: Davao.
Epiphytic.

Bulbophyllum williamsii Hawkes, Lloydia 14 (1956) 93; --Bulbophyllum caudatum LO Williams, Bot. Mus.
Leaf. 6 (1938) 99, *nom. illeg.*, --Type:
Philippines

Bulbophyllum woelffliae Garay, Senghas & K Lemcke, J. Orchideenfreund 3 (1996) 37. --Type:
Philippines

Bulbophyllum zambalense Ames, PJS 7 c (1912) Bot. 134; --Ames in Merr., EPFP 1 (1925) 389. --Type:
Philippines

Possible novelties

Bulbophyllum sp. aff. **coweniorum**
LUZON: Nueva Vizcaya.

Bulbophyllum sp. aff. **elassoglossum**
LUZON: Nueva Vizcaya.

Bulbophyllum sp. aff. **heldiorum**
MINDANAO: Surigao del Norte

Bulbophyllum sp. section **Globiceps**
LUZON: Aurora. Dwarfed plant.

Bulbophyllum sp. section **Globiceps**
LUZON: Nueva Vizcaya.

Bulbophyllum sp. section **Lepidorrhiza**
MINDANAO: Davao Oriental.

Bulbophyllum sp. section **Macrocaulia**
LUZON: Nueva Vizcaya.
Yellow flowers

Bulbophyllum sp. section **Macrocaulia**
LUZON: Nueva Vizcaya.
Brown-orange flowers.

Bulbophyllum sp. section **Macrocaulia** (cover on Jim's book),

LUZON: Nueva Vizcaya.

Bulbophyllum sp. section **Tripudianthes** (Nueva Vizcaya)

LUZON: Nueva Vizcaya.

Cadetia Gaudichaud

Cadetia microphyton (LO Williams) Christenson, Lindleyana 7 (1992) 89 ; --Dendrobium microphyton LO Williams, Bot. Mus. Leaf. 5 (1937) 47. --Type:
Philippines

Cadetia sp.
BASILAN

Calanthe R Brown

Calanthe alba W Suarez & Cootes, ined.
Philippines.

Calanthe angustifolia (Blume) Lindl., Gen. & Sp. Orch. (1833) 251; --Ames in Merr., EPFP 1 (1924) 333;
--Amblyglottis angustifolia Blume, Bijdr. (1825) 369. --Type :
Extra-Philippine range?

Calanthe conspicua Lindl., Fol. Orch. Calanthe (1854, publ. 1855) 4; --Ames in Merr., EPFP 1 (1924) 333. --
Type:
Philippines.

Calanthe davaensis Ames, PJS 8 c (1913) Bot. 422; --Ames in Merr., EPFP 1 (1924) 333. --Type:
Philippines.

Calanthe furcata Bateman ex Lindl., Edwards's Bot. Reg. 24 (1838) 28; --Ames in Merr., EPFP 1 (1924)
334. --Type:
Calanthe triplicata (Willemet) Ames, PJS 2 c (1907) Bot. 326 ; --Orchis triplicata Willemet, Ann. Bot. (Usteri) 18
(1796)
52. --Type:
S China, Ryukyus, Bonins, Malesia to Polynesia, Micronesia.

Calanthe halconensis Ames, PJS 2 c (1907) Bot. 324; --Ames in Merr., EPFP 1 (1924) 334. --Type:
Philippines.

Calanthe hennisii Loher, Gard. Chron. iii, 46 (1909) 34; --Ames in Merr., EPFP 1 (1924) 334; --Cootes, Orch.
Philip. (2001) 48. --Type:
LUZON: Rizal, Quezon, MINDANAO: North Cotabato, South Cotabato. Epiphyte on base of
trees, altitude 500-1000m.

Calanthe jusnerii Boxall ex Náves in Blanco, Fl. Filip., ed. 3, 13A (1880) 247.

Calanthe lacerata Ames, PJS 7 c (1912) Bot. 11; --Ames in Merr., EPFP 1 (1924) 334. --Type:
Philippines.

Calanthe lyroglossa Reichb.f., Otia Bot. Hamburg. 1 (1878) 53; --Ames in Merr., EPFP 1 (1924) 334. --Type:
Philippines.

Calanthe maquilensis Ames, Orchidaceae 5 (1915) 97; --Ames in Merr., EPFP 1 (1924) 334. --Type: Philippines.

Calanthe macgregorii Ames, PJS 2 c (1907) Bot. 325; --Ames in Merr., EPFP 1 (1924) 334. --Type: Philippines.

Calanthe mindorensis Ames, PJS 2 c (1907) Bot. 325; --Ames in Merr., EPFP 1 (1924) 334. --Type: Merrill 5525
Philippines.

Calanthe nivalis Boxall ex Náves in Blanco, Fl. Filip., ed. 3, 13 (1880) 247.

Calanthe pulchra (Blume) Lindl., Gen. & Sp. Orch. (1833) 250; --Ames in Merr., EPFP 1 (1924) 335; --
Amblyglottis pulchra Blume, Bijdr. (1825) 371. --Type:
Extra-Philippine range?

Calanthe rubens Ridl., Gard. Chron., III (1890) 576; --Cootes, Orch. Philip. (2001) 49. --Type:
Calanthe elmeri Ames, Orchidaceae 2 (1908) 155, text cut; --Ames in Merr., EPFP 1 (1924) 333;
Thailand, Peninsular Malaysia, Philippines. LUZON: Abra, Mountain Province, Benguet,
PALAWAN. Terrestrial, up to 1800m.

Calanthe speciosa (Blume) Lindl., Gen. Sp. Orch. Pl. (1833) 250.
Extra-Philippine range?

Calanthe vestita Wall. ex Lindl., Gen. Sp. Orchid. Pl. (1833) 250.
Extra-Philippine range?

Calcearia Blume

Calcearia lacerata (LO Williams) MA Clem. & DL Jones, Orchadian 13(10) (2002) 445; --Corybas
laceratus LO Williams, Bot. Mus. Leaf. 5 (1937) 54. --Type: Loher 14673 (AMES*, holo). Luzon: Rizal prov.,
Sept 1909.
LUZON: Rizal.

Calcearia merrillii (Ames) MA Clem. & DL Jones, Orchadian 13(10) (2002) 445; --Corybas merrillii
(Ames)
Ames, Orchidaceae 2 (1908) 42; --in Merr., EPFP 1 (1924) 261; --Corysanthes merrillii Ames, Orchidaceae
1 (1905) 65. --Type:
LUZON: Bataan (Mt Mariveles), Laguna (Mt Makiling). Terrestrial on mossy cliffs.

Carparomorchis =Bulbophyllum

Camarotis Lindley =Micropera

Cephalantheropsis Guillaumin

Cephalantheropsis calanthoides (Ames) TS Liu & HJ Su, Fl. Taiwan 5 (1978) 918; --Phaius

calanthoides Ames, Orchidaceae 2: 153 (1908). –Type:
Extra-Philippine range?

Cephalantheropsis longipes (Hook.f.) Ormerod, Orchid Digest 62 (1998) 156; --*Calanthe longipes* Hook.f., Fl. Brit. Ind. 1: 103 (1845) 103. –Type:
Extra-Philippine range?

Cephalantheropsis obcordata (Lindl.) Ormerod, Orchid Digest 62 (1998) 157; --*Bletia obcordata* Lindl., Gen. Sp. Orchid. Pl. (1831) 123. –Type:
Cephalantheropsis halconensis (Ames) S.S. Ying, Col. Ill. Indig. Orch. Taiwan 3 (1988) 622; --*Phaius halconensis* Ames, PJS 2 c (1907) Bot. 323; --Ames in Merr., EPFP 3 (1924) 331. –Type:
Phaius ramosii (Ames) Ames, Orchidaceae 5 (1915) 96; --*Calanthe ramosii* Ames, PJS 7 c (1912) Bot. 12. –Type:
Extra-Philippine range?

Ceraia Loureiro

Ceraia bukidnonense (Ames & Quisumb.) MA Clem., Telopea 10(1) (2003) 291; --*Dendrobium bukidnonense* Ames & Quisumb., PJS 59 (1936) 5. –Type:
Philippines.

Ceraia cabadbarens (Ames) W Suarez, ined.
Dendrobium cabadbarens Ames, Orchidaceae 5 (1915) 117; --Ames in Merr., EPFP 1 (1924) 346. –Type:
Philippines.

Ceraia carinata (L.) MA Clem., Telopea 10(1) (2003) 291; --*Bulbophyllum carinatum* (L.) Naves in Blanco, Fl. Filip., ed. 3 (1880) 235; --*Dendrobium carinatum* (L.) Willd., Sp. Pl. 4 (1805) 133; --Ames in Merr., EPFP 1 (1924) 346; --Cootes, Orch. Philip. (2001) 70; --*Epidendrum carinatum* L., Sp. Pl. (1753) 953. –Type: FB 6315 Curran.

LUZON: Zambales, MINDORO. Epiphytic in open sandy spots.

Ceraia escritorii (Ames) W Suarez, ined.
Aporum escritorii (Ames) MA Clemens, Telopea 10(1) (2003) 295; --*Dendrobium escritorii* Ames, Orchidaceae 5 (1915) 123; --Ames in Merr., EPFP 1 (1924) 348.
Philippines.

Ceraia equitans (Kraenzl.) MA Clem., Telopea 10(1) (2003) 291; --*Aporum equitans* (Kraenzl.) Brieger, Schlechter Orchideen 1(11-12) (1981) 673; --*Dendrobium equitans* Kraenzl. in Engl. (ed.), Pflanzenreich, IV, 50 II B 21 (1910) 228; --Cootes, Orch. Philip. (2001) 76. –Type:
Dendrobium batanense Ames & Quisumb., PJS 47 (1932) 200. –Type:

Ceraia gerlandiana (Kraenzl.) MA Clem., Telopea 10(1) (2003) 291; --*Dendrobium gerlandianum* Kraenzl., in Fedde Rept. 6 (1909) 317; --Ames in Merr., EPFP 1 (1924) 348; --Cootes, Orch. Philip. (2001) 77.
Described from plants originating in the Philippines. Exact provenance unknown.

Ceraia hymenantha (Reichb.f.) W Suarez, ined.
Bolbidium hymenanthum (Reichb.f.) Rauschert, Feddes Rept. 94 (1983) 433; --*Dendrobium hymenanthum* Reichb.f., Bonplandia 3 (1855) 222; --Ames in Merr., EPFP 1 (1924) 350. –Type:
Burma, Thailand, Peninsular Malaysia, Philippines.
LUZON: Bataan, Rizal, Quezon, POLILLO, MINDANAO: Bukidnon. Epiphytic, sometimes on mangrove trees, up to c. 300m.

Ceraia juncea (Lindl.) MA Clem., Telopea 10(1) (2003) 291; --*Aporum junceum* (Lindl.) Rauschert, Feddes Rept. 94 (1983) 440; --*Dendrobium junceum* Lindl., Edwards's Bot. Reg. 28(Misc.) (1842) 9; --Cootes, Orch. Philip. (2001) 80. –Type:
Borneo, Philippines.

LUZON: Rizal, Quezon, MINDANAO: Surigao del Norte, BUCAS GRANDE. Epiphytic, altitude c. 500m.

Ceraia marivelense (Ames) W Suarez, ined.

Aporum marivelense (Ames) Rauschert, Feddes Repert. 94 (1983) 440; --Dendrobium marivelense Ames, Orchidaceae 2 (1908) 180, text cut; --Ames in Merr., EPFP 1 (1924) 351. --Type: Philippines.

Ceraia mindanaense (Ames) W Suarez, ined.

Aporum mindanaense (Ames) MA Clem., Telopea 10(1) (2003) 296; --Dendrobium mindanaense Ames, PJS 8 c (1913) Bot. 423; --Ames in Merr., EPFP 1 (1924) 352; --Cootes, Orch. Philip. (2001) 81. --Type: LUZON: Rizal, Quezon, CULION, PALAWAN, NEGROS: Negros Occidental, LEYTE, MINDANAO: Zamboanga, Cotabato, Davao, Surigao del Sur. Altitude up to 300m, also including mangroves.

Ceraia modesta (Reichb.f.) MA Clem., Telopea 10(1) (2003) 292; --Dendrobium modestum Reichb.f., Bonplandia 3 (1855) 222; --Ames in Merr., EPFP 1 (1924) 352; --Cootes, Orch. Philip. (2001) 82.

LUZON: Nueva Vizcaya, Rizal, Quezon, CORON. Epiphytic, often in well-lit sites, altitude to 1200m.

Ceraia multiramosa (Ames) MA Clem., Telopea 10(1) (2003) 292; --Dendrobium multiramum Ames, Orchidaceae 5 (1915) 129; --Ames in Merr., EPFP 1 (1924) 352. Philippines.

Ceraia [*Dendrobium niveobarbatum* Cootes, Aust. Orch. Rev. 73(4) (2008) 22.]

- [*Dendrobium niveobarbatum* Cootes](#) -- Austral. Orchid Rev. 73(4): 22 (figs.). 2008 [Aug 2008] Philippines.

Ceraia philippinensis (Ames) MA Clem., Telopea 10(1) (2003) 293; --Dendrobium philippinense Ames, PJS 8 c (1913) Bot. 424; --Ames in Merr., EPFP 1 (1924) 353; --Cootes, Orch. Philip. (2001) 84. Philippines, Marianas.

LUZON: Zambales, Bataan, Bulacan, Rizal, Laguna, Quezon, POLILLO, MINDORO: Mindoro Oriental, PANAY, LEYTE, MINDANAO. Epiphytic, up to c. 300m.

Ceraia planibulbis (Lindl.) MA Clem., Telopea 10(1) (2003) 293; --Aporum planibulbe (Lindl.) Rauschert, Feddes Repert. 94 (1983) 441; --Dendrobium planibulbe Lindl., Bot. Reg. 29 (1843) Misc. 54; --Ames in Merr., EPFP 1 (1924) 353. Philippines.

Ceraia polytricha (Ames) MA Clem., Telopea 10(1) (2003) 293; --Dendrobium polytrichum Ames, PJS 2 c (1907) Bot. 328; --Ames in Merr., EPFP 1 (1924) 353; --Cootes, Orch. Philip. (2001) 86.

LUZON: Cagayan, Isabela, Aurora, Bataan, Rizal, Quezon, Laguna, MINDORO: Mindoro Oriental. Usually a sun-loving epiphyte, altitude up to 500m.

Ceraia pseudoequitans (Fessel & Lückel) MA Clem., Telopea 10(1) (2003) 293; --Dendrobium pseudoequitans Fessel & Lückel, Orchidee (Hamburg) 51 (2000) 83. Philippines.

Ceraia robinsonii (Ames) MA Clem., Telopea 10(1) (2003) 293; --Dendrobium robinsonii Ames, PJS 8 c (1913, publ. 1914) 425. Philippines.

Ceraia saaronica (Koenig) MA Clem. & DL Jones, Orchadian 13 (2002) 486;

Ceraia sinuosa (Ames) W Suarez, ined.

Aporum sinuosum (Ames) MA Clem., Telopea 10(1) (2003) 297; --Dendrobium sinuosum Ames, Orchidaceae 7 (1922) 96; --Ames in Merr., EPFP 1 (1924) 355.

Philippines.

Ceraia usteri (Schltr.) MA Clem., Telopea 10(1) (2003) 294; --Flickingeria usterii (Schltr.) Brieger in Schltr. Orchideen 1(11-12) (1981) 742; --Ephemerantha usterii (Schltr.) PF Hunt & Summerh., Taxon 10 (1961)

107;

--Dendrobium usterii Schltr., Bull. Herb. Boissier, II, 6 (1906) 458; --Ames in Merr., EPFP 1 (1924) 357.

--Type:

Philippines.

Ceraia usterioides (Ames) MA Clem., Telopea 10(1) (2003) 294; --Dendrobium usterioides Ames, Orchidaceae 5 (1915) 142; --Ames in Merr., EPFP 1 (1924) 357.

Philippines.

Ceraia ventricosa (Kraenzl.) MA Clem., Telopea 10(1) (2003) 294; --Dendrobium ventricosum Kraenzl. in Engl. Pflanzenreich iv.50.ii.B.21 (1910) 209; --Ames in Merr., EPFP 1 (1924) 357; --Cootes, Orch. Philip. (2001) 93. --Type:

Taiwan (Lanyu and Kwasyoto Isls) and the Philippines.

BATAN (Mt Iraya, in forest, 100-500m, locally frequent. *Hatusima 29079*), LUZON: Zambales, Sorsogon, MINDANAO: Davao, Agusan, Surigao. Epiphytic, up to 300m.

Ceratobium MA Clements & DL Jones =Dendrobium

Ceratocentron Senghas

Ceratocentron fessellii Senghas, Orchidee (Hamburg) 40 (1989) 90; --Cootes, Orch. Philip. (2001) 49. LUZON: Nueva Ecija. Epiphytic, altitude c. 1000m.

Ceratostylis Blume

Ceratostylis caespitosa LO Williams, Bot. Mus. Leaf. 6 (1938) 96.

Philippines.

Ceratostylis dataensis Ames, Orchidaceae 7 (1922) 151; --Ames in Merr., EPFP 1 (1924) 317.

Philippines.

Ceratostylis elmeri Ames, Sched. Orchid. 6 (1923) 49; --Ames in Merr., EPFP 1 (1924) 317.

Philippines.

Ceratostylis incognita JT Atwood & J Beckner, Selbyana 19 (1999) 265; --Cootes, Orch. Philip. (2001) 50. --Type:

LUZON: Nueva Vizcaya, Nueva Ecija. Epiphytic, usually in very brightly lit spots, altitude 750-1500m.

Ceratostylis heterophylla W Suarez, ined.

Philippines

Ceratostylis latipetala Ames, PJS 4 c (1909, publ. 1910) Bot. 671; --Ames in Merr., EPFP 1 (1924) 317.

Philippines.

Ceratostylis loheri LO Williams, Bot. Mus. Leaflet 6 (1938) 97.
Philippines.

Ceratostylis mindanaensis Ames, Sched. Orchid. 6 (1923) 51; –Ames in Merr., EPFP 1 (1924) 317.
Philippines.

Ceratostylis philippinensis Rolfe ex Ames, Orchidaceae 1 (1905) 79, text cut; –Ames in Merr., EPFP 1 (1924) 317.
Philippines.

Ceratostylis ramosa Rolfe ex Ames, PJS 2 c (1907) Bot. 323; Orchidaceae 2 (1908) 149; –Ames in Merr., EPFP 1 (1924) 318.
Philippines.

Ceratostylis retisquama Reichb.f., Bonplandia 5 (1857) 53; –Ames in Merr., EPFP 1 (1924) 318; –Cootes, Orch. Philip. (2001) 51. –Type:
LUZON: Ilocos Norte, Zambales, Bataan, Rizal, Quezon, Camarines Norte, Camarines Sur,
MINDANAO: Lanao del Sur, Agusan del Norte. Epiphytic, to 500m.

Ceratostylis rubra Ames, PJS 4 c (1909) Bot. 670; –Ames in Merr., EPFP 1 (1924) 318.
Philippines.

Ceratostylis senilis Reichb.f., Oti Bot. Hamburg. 1 (1878) 54; –Ames in Merr., EPFP 1 (1924) 318; –Cootes, Orch. Philip. (2001) 51. –Type:
LUZON: Nueva Vizcaya, Pangasinan, Bataan, Rizal, Laguna, Quezon, Camarines Sur,
Sorsogon, MINDANAO: Surigao del Norte. Epiphytic in brightly-lit sites at c. 1000m altitudes.

Ceratostylis subulata Blume, Bijdr. (1825) 306; –Ames in Merr., EPFP 1 (1924) 318; –Cootes, Orch. Philip. (2001) 52. –Type:
India, Thailand, Sumatra, Peninsular Malaysia, Java, Borneo, Philippines, New Guinea, Solomon Isls, Vanuatu. LUZON: Ifugao, Benguet, Nueva Vizcaya, Bataan, Pampanga, Rizal,
MINDORO: Mindoro Occidental, Mindoro Oriental, PANAY, MINDANAO: Zamboanga, Lanao del Sur, Bukidnon, Davao, Agusan del Norte. Epiphytic, altitude up to 2100m.

Ceratostylis wenzelii Ames, PJS 8 c (1913, publ. 1914) Bot. 421; –Ames in Merr., EPFP 1 (1924) 319.
Philippines.

Cestichis Thouars =Liparis

Chamaeanthus Schlechter

Chamaeanthus brachystachys Schltr. ex JJ Sm., Orch Java (1905) 552.
Chamaeanthus wenzelii Ames, Orchidaceae 5 (1915) 200; –Ames in Merr., EPFP 1 (1925) 404.

Cheirostylis Blume

Cheirostylis chinensis Rolfe, Ann. Bot. (Oxford) 9 (1895) 158.
Cheirostylis philippinensis Ames, Orchidaceae 2 (1908) 59; –Ames in Merr., EPFP 1 (1924) 275.
Cheirostylis taiwanensis Yamam., J. Soc. Trop. Agric. 5 (1933) 54.

Extra-Philippine range?

LUZON: Kalinga, Benguet, **Tayabas**, PANAY: Iloilo, NEGROS: Negros Oriental. In mountainous regions at 330 to 830 m altitude.

Cheirostylis merrillii (Ames & Quisumb.) Ormerod, Austral. Orchid Rev. 63 (1998) 10; --*Adenostylis merrillii* Ames & Quisumb., PJS 44 (1931) 370. --Type:

Philippines.

Cheirostylis octodactyla Ames, PJS 2 c (1907) Bot. 314; --Ames in Merr., EPFP 1 (1924) 275. --Type: LUZON: Laguna (Mt Banahaw), MINDORO: Mindoro Oriental (Mt Halcon, in forest at 2500-2700m).

Philippines.

Possible novelties:

Cheirostylis sp.

MINDANAO: Davao Oriental

Cheirostylis sp.

PALAWAN.

Chelonistele Pfitzer

Chelonistele sulphurea (Blume) Pfitzer in Engl., Pflanzenreich, IV, 50 II B 7 (1907) 137; --*Chelonanthera sulphurea* Blume, Bijdr. (1825) 384; --Cootes, Orch. Philip. (2001) 52. --Type:

Coelogyne ramosii Ames, Orchidaceae 7 (1922) 90; --Ames in Merr., EPFP 1 (1924) 282.

Sumatra, Peninsular Malaysia, Java, Borneo, Philippines.

PALAWAN, MINDANAO: Agusan del Norte (Mt Urdaneta), Bukidnon (Mt Candoon), according to Cootes (2001) recorded from throughout Mindanao. Epiphytic, 600-2700m.

Chilopogon Schlechter =Appendicula

Chromatotriccum MA Clements & DL Jones

Chromatotriccum erosum (Blume) MA Clem. & DL Jones, Orchadian 13 (2002) 11; --*Pedilonum erosum* Blume in Bijdr. (1825) 320, t. 323.

Throughout SE Asia. Mtns of C Luzon.

Chrysoglossum Blume

Chrysoglossum ornatum Blume, Bijdr. (1825) 337.

Extra-Philippine range?

Cirrhopetalum Lindley

Cirrhopetalum abbreviatum Reichb.f., Gard. Chron. 2 (1881) 70.

Extra-Philippine range?

Cirrhopetalum auratum Lindl., Edwards's Bot. Reg. 26 (Misc.) (No. 107) (1840) 50. –Type:
Bulbophyllum auratum (Lindl.) Reichb.f. in Walp., Ann. Bot. Syst. 6 (1861) 261; --Ames in Merr., EPFP 1 (1925) 379.
Extra-Philippine range?

Cirrhopetalum baucoense (Ames) Garay, Hamer & Siegerist, Nordic J. Bot. 14(6) (1994) 621; --
Bulbophyllum baucoense Ames, Orchidaceae 5 (1915) 166. –Type:
Philippines.

Cirrhopetalum biflorum (Teijsm. & Binn.) JJ Sm., Icon. Bogor. (1903) t. 120 B; --*Bulbophyllum biflorum*
Teijsm. & Binn., Ned. Kruidk. Arch. 3 (1855) 397; --Cootes, Orch. Philip. (2001) 32. –Type:
Thailand, Peninsular Malaysia, Indonesia, Borneo, Philippines. LUZON: Aurora, Quezon, Rizal,
most likely in other Philippine islands. Epiphytic, to 800m in brightly lit sites.
Sometimes regarded as conspecific with *C. weberi* (Ames) Senghas.

Cirrhopetalum brevibrachiatum Schltr., Fedde, Repert. 10 (1911) 186. --Cootes, Orch. Philip. (2001) 52.
–Type:
Sulawesi.
Cootes (2001) reported that specimens he collected from LUZON (Nueva Vizcaya and Nueva
Ecija) are very close to this species. These plants occur as epiphyte on tree trunks, altitude 500-
1400m.

Cirrhopetalum brienianum (Rolfe) Rolfe, Kew Bull. (1893) 62.
Extra-Philippine range?

Cirrhopetalum cumingii Lindl., Edwards's Bot. Reg. 29 (1838) t. 49; Paxton's Bot. Mag. 8 (1841) 165; --
Cootes, Orch. Philip. (2001) 54. –Type:
Bulbophyllum cumingii (Lindl.) Reichb.f., in Walp., Ann. Bot. Syst. 6 (1861) 261; --Ames in Merr., EPFP 1 (1925) 381
Bulbophyllum stramineum Ames, Orchidaceae 5 (1915) 190; --Ames in Merr., EPFP 1 (1925) 388. –Type:
Borneo (Sabah), Philippines.
LUZON: Cagayan, Rizal, Cavite, Laguna, Quezon, PALAWAN: Lake Manguao, PANAY: Capiz,
NEGROS: Negros Occidental, SAMAR. Epiphytic. Low altitudes up to c. 500m.

Cirrhopetalum dolichoblepharon Schltr., Repert. Spec. Nov. Regni Veg. 10 (1911) 185. –Type:
Bulbophyllum dolichoblepharon (Schltr.) JJ Sm., Bull. Jard. Bot. Buitenz. Ser. 2, 8 (1912) 23;
Extra-Philippine range?

Cirrhopetalum fascinator Rolfe, Bull. Misc. Inform. Kew (1908) 69.
Thailand, Peninsular Malaysia, Philippines. NE MINDANAO : altitude over 800m.
var. fascinator

var. corazonae W Suarez & Cootes, ined.

Cirrhopetalum flabellum-veneris (J Koenig) Seidenf. & Ormerod in G Seidenfaden, Descr.
Epidendrum JG Koenig 1791 (1995) 39; --*Epidendrum flabellum-veneris* Koenig in Retz. Obs. vi (1791) 57.
Cirrhopetalum lepidum (Blume) Schltr.,
Andaman Isls, Thailand, Laos, Vietnam, Cambodia, Sumatra, Peninsular Malaysia, Java,
Borneo, Philippines, Moluccas.

Cirrhopetalum gusdorfii (JJ Sm.) Garay, Hamer & Siegerist, Nordic J. Bot. 14(6) (1994) 621; --
Bulbophyllum gusdorfii JJ Sm., Bull. Jard. Bot. Buitenzorg, II, 25 (1917) 79. –Type:
Extra-Philippine range?

Cirrhopetalum loherianum Kraenzl., Ann. K. K. Naturhist. Hofmus. 30 (1916) 61; --Cootes, Orch. Philip.
(2001) 54. –Type:

Bulbophyllum loherianum (Kraenzl.) Ames in Merr., EPFP 1 (1925) 385;
LUZON: Laguna, Quezon, Camarines Sur, LEYTE, MINDANAO: Surigao del Norte, Surigao del Sur. Epiphytic, c. 1000m.

Cirrhopetalum makoyanum Reichb.f., Gard. Chron., n.s., 11(1) (1879) 234; --Cootes, Orch. Philip. (2001) 55. --Type:

Bulbophyllum makoyanum (Reichb.f.) Ridl., Mat. Fl. Malay Penins. 1 (1907) 81; --Ames in Merr., EPFP 1 (1925) 385. Peninsular Malaysia, Singapore, Borneo, Philippines. LUZON: Ifugao, Zambales, Rizal, POLILLO, MINDORO: Mindoro Oriental, BUSUANGA, PALAWAN, MINDANAO: Agusan del Norte, Agusan del Sur. Epiphyte, altitude up to 300m.

Cirrhopetalum multiflorum W Suarez, ined.
Philippines.

Cirrhopetalum nutans Lindl., Edwards's Bot. Reg. 25 (Misc.) (1839) 71; --Cootes, Orch. Philip. (2001) 55. --Type:

Bulbophyllum nutans (Lindl.) Reichb.f. in Walpers, Ann. Bot. Syst. 6 (1861) 260, *non* Thouars.

Bulbophyllum othonis (Kuntze) JJ Sm., Bull. Gard. Bot. Buitenz., ii, 8 (1912) 26; --Ames in Merr., EPFP 1 (1925) 387.

As *Bulbophyllum othonis*: LUZON: Quezon, Albay, Sorsogon, LEYTE. Epiphytic, up to 300m.

Cirrhopetalum ochraceum Ridl., J. Bot. 36 (1898) 212.
Extra-Philippine range?

Cirrhopetalum puguahaanense (Ames) Garay, Hamer & Siegerist, Nordic J. Bot. 14(6) (1994) 619;
--*Bulbophyllum puguahaanense* Ames, Orchidaceae 5 (1915) 185; --Ames in Merr., EPFP 1 (1925) 387.
--Type:

Philippines.

Cirrhopetalum putidum Teijsm. & Binn., Tijdschr. Ned.-Indië 24 (1862) 311. --Type:

Mastigion putidum (Teijsm. & Binn.) Garay, Hamer & Siegerist, Nordic J. Bot. 14 (1994) 637; --*Bulbophyllum putidum* (Teijsm. & Binn.) JJ Sm., Bull. Jard. Bot. Buitenzorg, ser. 2, 8 (1912) 27.

(Philippine occurrence doubtful)

Cirrhopetalum sibuyanense (Ames) Garay, Hamer & Siegerist, Nordic J. Bot. 14(6) (1994) 620;
--*Bulbophyllum sibuyanense* Ames in Elmer, LPB 5 (1912) 1587; --Ames in Merr., EPFP 1 (1925) 388.
--Type:

Philippines.

Cirrhopetalum socordine JJ Verm. & Cootes, ined.
Philippines

Cirrhopetalum surigaense (Ames & Quisumb.) W Suarez, Phil. Orch. Rev. 15(2) (2007) 18; --
Bulbophyllum surigaense Ames & Quisumb., PJS 52 (1934) 449. --Type: BS 84715 Quisumbing (AMES*, holo). From cultivated material in Manila, provenance: Mindanao: Surigao prov., 1931.

LUZON: Quezon, MINDANAO: Surigao del Norte.

Cirrhopetalum trisetum (Ames) Garay, Hamer & Siegerist, Nordic J. Bot. 14 (1994) 622; --Cootes, 1 (1925) 389. --Type:

Orch. Philip. (2001)

LUZON: Benguet, Nueva Vizcaya, Nueva Ecija. Epiphytic, up to 1200m.

Cirrhopetalum umbellatum (G Forst.) Reinw. ex Hook. & Arn., Bot. Beechey Voy. (1832) 71; --
Epidendrum umbellatum G Forst., Fl. Ins. Austr. (1786) 60.

Extra-Philippine range?

Cirrhopetalum vaginatum Lindl., Gen. Sp. Orchid. Pl. (1830) 59. --Type :

Bulbophyllum vaginatum (Lindl.) Reichb.f. in Walpers, Ann. Bot. Syst. 6 (1861) 261.

Throughout SE Asia.

LUZON, PALAWAN.

Cirrhopetalum weberi (Ames) Senghas, Schlechter Orchideen 1(13) (1983) 775; --Cootes, Orch. Philip. (2001) 56; --*Bulbophyllum weberi* Ames, PJS 7 c (1912) Bot. 128, 142; --Ames in Merr., EPFP 1 (1925) 389. --Type:

LUZON: Mountain Province, Nueva Vizcaya, Nueva Ecija, Rizal, Laguna, MINDANAO: Bukidnon, Davao, Agusan. Epiphytic on tree trunks, altitude to c. 1500m.

Cirrhopetalum zamboangense (Ames) Garay, Hamer & Siegerist, Nordic J. Bot. 4(6) (1994) 621; --*Bulbophyllum zamboangense* Ames, PJS 8 c (1913) Bot. 433; --Ames in Merr., EPFP 1 (1925) 390.

Philippines

Possible novelties:

***Cirrhopetalum* sp.**

BABUYAN ISLS (CALAYAN).

***Cirrhopetalum* sp.**

LUZON: Laguna.

Cirrhopetalum* sp. aff. *makoyanum

PALAWAN. (yellow sepals, red petals, marginal hairs red and fat)

***Cleisostoma* Blume**

Cleisostoma chrysochilum Kraenzl., Repert. Spec. Nov. Regni Veg. 8 (1910) 545.

Extra-Philippine range ?

Cleisostoma duplicilobum (JJ Sm.) Garay, Bot. Mus. Leaf. Harvard Univ. 23 (1972) 171; --*Garayanthus duplicilobus* (JJ Sm.) Szlach., Fragm. Florist. Geobot., Suppl. 3 (1995) 136 ; --*Sarcanthus duplicilobus* JJ Sm., Bull. Dép. Agric. Indes Néerl. 13 (1907) 64. --Type :

Extra-Philippine range ?

Cleisostoma sagittatum Blume, Bijdr. (1825) 363.

Sarcanthus malleifer JJ Sm. Nat. Tijdschr. Ned. Ind. 72 (1912) 90 (reprint 19); --Ames in Merr., EPFP 1 (1925) 437.

Extra-Philippine range ?

Cleisostoma striolatum (Reichb.f.) Garay, Bot. Mus. Leaf. Harvard Univ. 23 (1972) 175; --*Sarcanthus striolatus* Reichb.f., Gard. Chron. ii, 18 (1882) 168; --Ames in Merr., EPFP 1 (1925) 437. --Type:

Philippines.

Cleisostoma subulatum Blume, Bijdr. (1825) 363; --Cootes, Orch. Philip. (2001) 55; --*Sarcanthus subulatus* (Blume) Reichb.f., Bonplandia 5 (1857) 41. --Type:

Cleisostoma dealbatum Lindl., Edwards's Bot. Reg. 29 (Misc.) (1843) 5; --*Sarcanthus dealbatus* (Lindl.) Reichb.f., in Walp., Ann. Bot. Syst. 6 (1864) 892; --Ames in Merr., EPFP 1 (1925) 436. --Type:

India, Thailand, Vietnam, Peninsular Malaysia, **Sumatra**, Java, Borneo, Philippines, Sulawesi.

MINDORO, PALAWAN, MINDANAO: Davao. Epiphytic in partially shaded to fully exposed sites, up to 300m.

Cleisostoma uraiense (Hayata) Garay & Sweet, Orchids S. Ryukyu Is. (1974) 156.

Sarcanthus micranthus Ames, Orchidaceae 5 (1915) 250; --Ames in Merr., EPFP 1 (1925) 437.

Extra-Philippine range ?

Cleisostoma weberi (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. xx (1972) xxx; --*Sarcanthus weberi* Ames, xxxxx --Type: Weber 252 (AMES*). Mindanao: Davao, epiphytic on mangrove trees in tidal swamp, 7 Sept. 1911.

LUZON: Bataan, PALAWAN, MINDANAO: Cotabato, Davao. Epiphytic, altitude to 300m.

Cleisostoma williamsonii (Reichb.f.) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 175; --*Cleisostoma weberi* (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 175; --Cootes, Orch. Philip. (2001) 57; --*Sarcanthus weberi* Ames, Orchidaceae 5 (1915) 252; --Ames in Merr., EPFP 1 (1925) 437. --Type:

LUZON: Bataan, PALAWAN, MINDANAO: Cotabato, Davao. Epiphytic, up to 300m.

Coelandria Fitzgerald

Coelandria armeniaca MA Clem. & Cootes, OrchideenJournal 16 (2009)1, 23.

Philippines.

- [Coelandria armeniaca M.A.Clem. & Cootes](#) -- Orchideen J. 16(1): 22 (-23; fig.). 2009 [16 Feb 2009]

Coelandria [*Dendrobium bullenianum* Reichb.f., Bot. Zeit. 20 (1862) 214]; PJS 7 c (1912) Bot. 14; --Ames in Merr., EPFP 1 (1924) 345; --Cootes, Orch. Philip. (2001) 70. --Type:

Dendrobium topaziacum Ames, Orchidaceae 5 (1915) 140; --Ames in Merr., EPFP 1 (1924) 357. --Type: Philippines.

Coelandria [*Dendrobium goldschmidtianum* Kraenzl., Repert. Spec. Nov. Regni Veg. 6 (1909) 317].

--Type:

Pedilonum goldschmidtianum (Kraenzl.) Rauschert, Feddes Repert. 94 (1983) 460;

Dendrobium miyakei Schltr., Orch. Sino-Jap. (1919) 64; --Hatusima, Mem. Fac. Agr. Kagoshima Univ. 5 (1966) 63.

Dendrobium irayense Ames & Quisumb., PJS 52 (1934) 446. --Type:

Taiwan (Kwasayoto and Lanyu), N Philippines.

BATAN (Mt Iraya). Epiphyte in the mossy forest, 500m. Locally frequent. *Hatusima* 29091. (Distributed as *D. miyakei*)

Natural hybrid:

Dendrobium × **usitae** T Yukawa, Ann. Tsukuba Bot. Gard. 14 (1995) 43.

D. bullenianum × *D. goldschmidtianum*.

Philippines.

Coelogyne Lindley

Revisions:

Sierra, SEC, B. Gravendeel & EF de Vogel. 2000. *Revision of Coelogyne section Verrucosae (Orchidaceae): A new sectional delimitation based on morphotype and molecular evidence*. Blumea 45: 275-318.

Coelogyne alvinlokii O'Byrne & Verm., Orchid Review 114(126) (2006) 168-170. --Type: SBGO 5504 (SING, holo). Mindanao: No locality cited.

MINDANAO.

[Coelogyne alvinlokii P.O'Byrne & J.J.Verm.](#) -- Orchid Rev. 114(1269): 170 (168-170; figs.). 2006 [May 2006]

Coelogyne asperata Lindl., J. Hort. Soc. London 4 (1849) 221, t. 7; --Ames in Merr., EPFP 1 (1924) 280; --Quisumb., Philip. Orchid Rev. (1951) 9; --S.E.C. Sierra et al., Blumea 45 (2000) 289, f. 5, pl. 1a, map 1;

--Cootes, Orch. Philip. (2001) 58.

Sumatra, Peninsular Malaysia, Borneo (Sabah, Brunei, Sarawak, Kalimantan), Java, Sulawesi, Philippines, Moluccas, New Guinea (Irian Jaya, Papua New Guinea), Solomon Is., Santa Cruz Is. LUZON, NEGROS: Negros Oriental (Cuernos Mtns), BILIRAN, LEYTE, SAMAR,

MINDANAO: Bukidnon, Davao del Norte, Davao del Sur, Agusan del Norte, Agusan del Sur, Surigao del Norte, Surigao del Sur, BASILAN. Epiphytic on trunks and big branches of trees, lithophytic or terrestrial. Lowland and montane forests, in partial shade to quite exposed, often along creeks, near sea level to 500m.

Coelogyne bilamellata Lindl., Fol. Orch. Coelog. (1854) 14; --Ames in Merr., EPFP 1 (1924) 281; --Cootes, Orch. Philip. (2001) 59.

Borneo and Philippines: LUZON (Aurora, Laguna, Quezon), LEYTE, MINDANAO: Zamboanga, Cotabato, Bukidnon, Agusan, Surigao). Epiphytic or lithophytic in forest, up to 1000m in Mindanao.

Coelogyne candoonensis Ames, Sched. Orchid. 6 (1923) 18, Fig. 4; --Ames in Merr., EPFP 1 (1924) 281. MINDANAO: Bukidnon (Mt Candoon). In forest, 1830m.

Coelogyne chloroptera Reichb.f., Gard. Chron., n.s., (1883)(1) 466; --Ames in Merr., EPFP 1 (1924) 281; --Cootes, Orch. Philip. (2001) 59.

LUZON: Apayao, Kalinga, Mountain Province, Benguet, Cagayan, Kalinga, Nueva Vizcaya, Pangasinan, Nueva Ecija, Pampanga, Bataan, Quezon; NEGROS: Negros Oriental (Cuernos Mtns, but according to Cootes may a misidentified *C confusa* Ames). Epiphytic or epilithic, 1000-1530m. Fairly common in LUZON.

Coelogyne confusa Ames, Orchidaceae 5 (1915) 49; --Ames in Merr., EPFP 1 (1924) 281. --Type: BS 14430 Ramos. Camiguin.

CAMIGUIN. Epiphytic. Known only from the type collection.

Coelogyne elmeri Ames, in Elmer, LPB 5 (1912) 1556; --Ames in Merr., EPFP 1 (1924) 281.

MINDANAO: Bukidnon (Mt Lipa), Davao (Mt Apo, Todaya). Up to 1300m.

Coelogyne integerrima Ames, PJS 4 c (1909, publ. 1910) Bot. 665; --Ames in Merr., EPFP 1 (1924) 281.

LUZON: Mountain Province, Benguet, Quezon, 1750-2450m.

Coelogyne loheri Rolfe, Bull. Misc. Inform. Kew (1908) 414; --Ames in Merr., EPFP 1 (1924) 282.

LUZON: Mountain Province, Benguet, altitude up to 1700m

Coelogyne longirachis Ames, Orchidaceae 7 (1922) 88; --Ames in Merr., EPFP 1 (1924) 282.

MINDANAO: Bukidnon (Mahilucot River), along streams in forest, 1300m.

Coelogyne marmorata Reichb.f., Linnaea 41 (1877) 116; --Ames in Merr., EPFP 1 (1924) 282; --Cootes, Orch. Philip. (2001) 60.

LUZON: Benguet (Sablan), Pangasinan, CAMIGUIN. Epiphytic, occasionally epilithic, altitudes over 1000m.

Coelogyne mayeriana Reichb.f., Gard. Chron., n.s., 8 (1877) 134.

Philippines.

Coelogyne merrillii Ames, PJS 6 c (1911) Bot. 40; --Ames in Merr., EPFP 1 (1924) 282; --Cootes, Orch.

Philip. (2001) 60. --Type: Merrill 6620. Luzon: Benguet prov., Pauai, on boulders in the upper pine region, altitude c. 1800m, May 1909.

LUZON: Benguet, Rizal, NEGROS: Negros Occidental, Negros Oriental. Usually epilithic, altitude (300-)1800-2300m. Common in Benguet.

Coelogyne palawanensis Ames, Orchidaceae 5 (1915) 51; --Ames in Merr., EPFP 1 (1924) 282. --Type:

PALAWAN (Mt Capoas), altitude 1000m. Known only from the type collection.

Coelogyne pandurata Lindl., Gard. Chron. 1 (1853) 791; --Ames in Merr., EPFP 1 (1924) 283; --SEC Sierra et al., Blumea 45 (2000) 304, Fig. 9, pl. 1 c, 1 d, map 3.

Sumatra, Peninsular Malaysia, Borneo (Sabah, Brunei, Sarawak, Kalimantan), and possibly Philippines (Valmayor, 1984), based on specimens from LUZON: Mountain Province, SAMAR, MINDANAO: Agusan, Surigao. Epiphytic on trunks or big branches of trees, lithophytes or terrestrials. Lowland forest and hill forest, in partial shade to quite exposed. Among rocks, on granite or ultramafic substrate, sea level to 1000m.

Coelogyne quinquelamellata Ames, Orchidaceae 6 (1920) 280; --Ames in Merr., EPFP 1 (1924) 282; --Cootes, Orch. Philip. (2001) 61. --Type:

MINDANAO: Surigao del Norte. Epiphyte in lowland forest, altitude 150m.

Coelogyne remediosae Ames & Quisumb., PJS 49 (1932) 484. --Type: Philippines.

Coelogyne rochussenii de Vriese, Ill. Orch. Ind. Neerl. (1854) t. 2, t. 11, Fig. 6; --Ames in Merr., EPFP 1 (1924) 282; --Cootes, Orch. Philip. (2001) 61.

Sumatra, Peninsular Malaysia, Borneo, Sulawesi and Philippines: LUZON: Pampanga, MINDANAO: Lanao del Sur. Altitude to 500m. Rather rare in the Philippines.

Coelogyne rubrolanata E George & FC George, xxxx ?ined.

- [*Coelogyne rubrolanata* Elis.George & J.-C.George](#) -- Orchid Rev. 116(1280): 82 (81-83; figs.). 2008 [Mar 2008]

Philippines.

Coelogyne salvaneraniana W Suarez, ined.

Philippines.

Coelogyne sparsa Reichb.f., Gard. Chron., n.s., 19 (1883) t. 306; --Ames in Merr., EPFP 1 (1924) 283.

LUZON: Bataan, Rizal, PALAWAN, PANAY: Antique, NEGROS: Negros Oriental. Common epiphyte at 900-1050m.

Coelogyne sulcata E George & JC George, OrchideenJournal 15(4) (2008) 172-175; figs.

- [*Coelogyne sulcata* Elis.George & J.-C.George](#) -- Orchideen J. 15(4): 173 (172-175; figs.). 2008 [Nov 2008]

Coelogyne usitana Roeth & O Gruss, Orchidee (Hamburg) 52 (2001) 211.

Philippines.

Coelogyne vanoverberghii Ames, Orchidaceae 5 (1915) 53; --Ames in Merr., EPFP 1 (1924) 283.

LUZON: Mountain Province (Bauco, *Vanoverbergh* 2865). Altitude 1700m.

Coelogyne zahlbrucknerae Kranzl., Repert. Spec. Nov. Regni Veg. 17 (1921) 389.

Possible novelties:

Coelogyne sp. aff. **hirtella**

PALAWAN

Coelogyne sp. aff. **radicosa**

MINDANAO: Bukidnon

Coelogyne sp. section **Lentiginosae**

MINDANAO: Bukidnon.

Only horticultural specimens of this species known:

Coelogyne swaniana Rolfe, Kew Bull. (1894) 183; --Ames in Merr., EPFP 1 (1924) 283.

Doubtful species:

Coelogyne minutissima Kraenzl., Fedde Repert. Spec. Nov. Regni Veg. 17 (1921) 390; --Ames in Merr., EPFP 1 (1924) 282.

"Philippines, probably LUZON, *Loher s.n.*, No specimen seen". --Ames, loc. cit.

Possibly a *Dendrochilum*.

Collabium Blume

Collabium formosanum Hayata, J. Coll. Sci. Imp. Univ. Tokyo 30, 1 (1911) 319.

Extra-Philippine range?

Conostalix (Kraenzlin) Brieger

Conostalix lobbii (Teijsm. & Binn.) Rausch., Fedde Repert. Spec. Nov. Regni Veg. 94 (1983) 444; --

Dendrobium lobbii Teijsm. & Binn., Tijdschr. Ned.-Indië 5 (1853) 491.

Extra-Philippine range?

Conostalix nemorale (LO Williams) W Suarez, ined.

Dendrobium nemorale LO Williams, Bot. Mus. Leaflet 5 (1937) 41; --Cootes, Orch. Philip. (2001) 82. --Type:

LUZON: Aurora, Quezon, Rizal. Epiphytic.

Cordiglottis JJ Smith

Cordiglottis filiformis (Hook.f.) Garay, Bot. Mus. Leaflet. Harvard Univ., 23(4) (1972) 176; --*Sarcochilus*

filiformis Hook.f., Fl. Brit. Ind. 6 (1890) 39.

Extra-Philippine range?

Cordula Rafinesque = *Paphiopedilum*

Corybas Salisbury = *Calcearia*; *Gastrosiphon*

Corymborchis Thouars ex Blume = *Corymborkis*

Corymborkis Thouars

Corymborkis veratrifolia (Reinw.) Blume, Coll. Orchid. (1859) 125; --*Hysteria veratrifolia* Reinw., Syll. Pl.

Nov. 2 (1825) 5. --Type:

Corymborkis confusa (Ames) Ames, Orchidaceae 5 (1915) 48; --Ames in Merr., EPFP 1 (1924) 280; --*Corymbis*

confusa (Ames) Schltr., Bot. Jahrb. Syst. 45 (1911) 395; --*Chloidia confusa* Ames, Orchidaceae 2 (1908) 67.

--Type:

Extra-Philippine range?

LUZON: Ilocos Norte, Apayao, LEYTE, BANCALAN, MINDANAO: Zamboanga, Agusan, JOLO.

Terrestrial in forest, 0-830m.

Crepidium Blume

Crepidium acuminatum (D Don) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 123; --*Malaxis acuminata* D Don, *Prodr. Fl. Nepal.* (1825) 29.

Crepidium bilobum (Lindl.) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 124, with incorrect basionym ref.; --*Malaxis acuminata* var. *biloba* (Lindl.) Ames in Merr., *EPFP* 1 (1924) 302; --*Malaxis biloba* (Lindl.) Ames, *Orchidaceae* 2 (1908) 122; --*Microstylis biloba* Lindl., *Gen. Sp. Orchid. Pl.* (1830) 20. --Type:

Crepidium alagensis (Ames) MA Clem. & DL Jones, *Lasianthera* 1 (1996) 34; --*Malaxis alagensis* (Ames) Ames, *Orchidaceae* 2 (1908) 122; --*Microstylis alagensis* Ames, *PJS* 2 c (1907) Bot. 318. --Type:

Philippines.

Crepidium arietinum (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 124; --*Malaxis arietina* Ames, *PJS* 8 c (1913) Bot. 411; --Ames in Merr., *EPFP* 1 (1924) 302. --Type:

Pseudoliparis arietina (Ames) Marg. & Szlach., *Polish Bot. J.* 46 (2001) 42.

Philippines.

Crepidium atosanguineum (Ames) Marg. & Szlach., *Polish Bot. J.* 46 (2001) 43; --*Malaxis atosanguinea* Ames, *Sched. Orchid.* 6 (1923) 30, Fig. 7; --Ames in Merr., *EPFP* 1 (1924) 302. --Type:

Philippines.

Crepidium balabacense (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 124; --*Pseudoliparis balabacensis* (Ames) Marg. & Szlach., *Ann. Bot. Fenn.* 37 (2000) 281; --*Malaxis balabacensis* Ames, *PJS* 6 c (1911) Bot. 42; --Ames in Merr., *EPFP* 1 (1924) 302. --Type:

Philippines.

Crepidium bancanoides (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 124; --*Malaxis bancanoides* Ames, *Orchidaceae* 2 (1908) 129, text cut; --Ames in Merr., *EPFP* 1 (1924) 303. --Type:

Crepidium macgregorii (Ames) MA Clem. & DL Jones, *Lasianthera* 1 (1996) 38; --*Malaxis macgregorii* Ames, *PJS* 6 c (1911) Bot. 45; --Ames in Merr., *EPFP* 1 (1924) 305. --Type:

Crepidium mindanaense (Ames) MA Clem. & DL Jones, *Lasianthera* 1 (1996) 38; --*Malaxis mindanaensis* Ames, in Elmer, *LPB* 5 (1912) 1560; --Ames in Merr., *EPFP* 1 (1924) 305. --Type:

Extra-Philippine range?

Crepidium bataanense (Ames) MA Clem. & DL Jones, *Lasianthera* 1 (1996) 35; --*Malaxis bataanensis* Ames, *PJS* 6 c (1911) Bot. 43; --Ames in Merr., *EPFP* 1 (1924) 303. --Type:

Philippines.

Crepidium binabayense (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 124; --*Malaxis binabayensis* (Ames) Ames, *Orchidaceae* 2 (1908) 124, text cut; --Ames in Merr., *EPFP* 1 (1924) 303; --*Microstylis binabayensis* Ames, *PJS* 2 c (1907) Bot. 318. --Type :

Philippines.

Crepidium bracteosum (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 125; --*Malaxis bracteosa* Ames, *Orchidaceae* 7 (1922) 111; --Ames in Merr., *EPFP* 1 (1924) 303. --Type:

Philippines.

Crepidium carinatum (Reichb.f.) Marg., *Edinb. Journ. Bot.* 62 (3) (2005) 165-179; --*Denia carinata* Reichb.f., *Bonplandia* 3 (1855) 223.

Crepidium copelandii (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 125; --*Malaxis copelandii* Ames, *Orchidaceae* 2 (1908) 124, text cut; --Ames in Merr., *EPFP* 1 (1924) 303. --Type:

Philippines.

Crepidium cuneipetalum (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 125; --*Malaxis cuneipetala* Ames, *Orchidaceae* 6 (1920) 288; --Ames in Merr., *EPFP* 1 (1924) 303. --Type: Philippines.

Crepidium davaense (Ames) Szlach., *Fragm. Florist. Geobot. Suppl.* 3 (1995) 126; --*Malaxis davaensis* Ames, *Orchidaceae* 5 (1915) 69; --Ames in Merr., *EPFP* 1 (1924) 303. --Type:

Crepidium dentatum (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 126 ; --*Malaxis dentata* (Ames) Ames, *Orchidaceae* 2 (1908) 125, text cut; --Ames in Merr., *EPFP* 1 (1924) 303; --*Microstylis dentata* Ames, *PJS* 2 c (1907) Bot. 319. --Type :

Malaxis philippinensis (Kraenzl.) Ames, *Orchidaceae* 5 (1915) 71; --*Microstylis philippinensis* Kraenzl., *Orchis* 2 (1907)

16. --Type :

Philippines.

Crepidium elmeri (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 126 ; --*Malaxis elmeri* Ames, *Orchidaceae* 2 (1908) 126, text cut; --Ames in Merr., *EPFP* 1 (1924) 304. --Type:

Philippines.

Crepidium epidendrum (Ames) MA Clem. & DL Jones, *Lasianthera* 1 (1996) 35.

Crepidium epiphyticum (Schltr.) Szlach., *Fragm. Florist. Geobot. Suppl.* 3 (1995) 126; --*Malaxis epiphytica* Ames, *Sched. Orchid.* 6 (1923) 34; --Ames in Merr., *EPFP* 1 (1924) 304. --Type:

Crepidium hutchinsonianum (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 127; --*Malaxis hutchinsoniana* (Ames) Ames, *Orchidaceae* 2 (1908) 128, text cut; --Ames in Merr., *EPFP* 1 (1924) 304; --*Microstylis hutchinsoniana* Ames, *PJS* 2 c (1907) Bot. 319. --Type:

Philippines.

Crepidium lilacinum (Ames) MA Clem. & DL Jones, *Lasianthera* 1 (1996) 37; --*Malaxis lilacina* Ames, *Sched. Orchid.* 6 (1923) 35; --Ames in Merr., *EPFP* 1 (1924) 305. --Type:

Malaxis longipedunculata Ames, *PJS* 8 c (1913, publ. 1914) Bot. 411. --Type:

Philippines.

Crepidium merrillii (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 129; --*Malaxis merrillii* (Ames) Ames, *Orchidaceae* 2 (1908) 128; --*Microstylis merrillii* Ames, *PJS* 2 c (1907) Bot. 319. --Type:

Philippines.

Crepidium mindorense (Rendle) MA Clem. & DL Jones, *Lasianthera* 1 (1996) 38; --*Malaxis mindorensis* (Rendle) Ames, *Orchidaceae* 2 (1908) 131; --*Microstylis mindorensis* Rendle, *J. Bot.* 34 (1896) 357. --Type:

Philippines.

Crepidium negrosianum (Ames) MA Clem. & DL Jones, *Lasianthera* 1 (1996) 38; --*Malaxis negrosiana* Ames, in Elmer, *LPB* 5 (1912) 1561; --Ames in Merr., *EPFP* 1 (1924) 305. --Type:

Philippines.

Crepidium propinquum (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 130; --*Malaxis propinqua* Ames, *Orchidaceae* 6 (1920) 289; --Ames in Merr., *EPFP* 1 (1924) 305. --Type:

Crepidium propinquum (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3: 130, 1995 (endemic)

Philippines.

Crepidium purpureum (Lindl.) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 131; --*Malaxis purpurea* (Lindl.) Kuntze, *Revis. Gen. Pl.* 2 (1891) 673 --*Microstylis purpurea* Lindl., *Gen. Sp. Orchid. Pl.* (1830) 20. --Type:

Crepidium rizalense (Ames) MA Clem. & DL Jones, *Lasianthera* 1 (1996) 40; -- *Malaxis rizalensis* Ames, *PJS* 6 c

(1911) 46. –Type:

Crepidium purpureiflorum (Ames & Quisumb.) MA Clem. & DL Jones, *Lasianthera* 1 (1996) 39;
--*Malaxis purpureiflora* Ames & Quisumb., *PJS* 59 (1936) 2. –Type:
Philippines.

Crepidium quadridentatum (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 131; --*Malaxis*
quadridentata (Ames) Ames, *Orchidaceae* 2 (1908) 130, text cut; --Ames in Merr., *EPFP* 1 (1924) 305;
--*Microstylis quadridentata* Ames, *PJS* 2 c (1907) 320. –Type:
Philippines.

Crepidium quadrilobum (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 131 ; --*Malaxis*
quadriloba Ames, *Orchidaceae* 2 (1908) 131, text cut; --Ames in Merr., *EPFP* 1 (1924) 305. –Type:
Crepidium quadrilobum (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3: 131, 1995 (endemic)
Philippines.

Crepidium ramosii (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 131 ; --*Pseudoliparis ramosii*
(Ames) Marg. & Szlach., *Polish Bot. J.* 46 (2001) 42; --*Malaxis ramosii* Ames, *PJS* 6 c (1911) Bot. 45;
--Ames in Merr., *EPFP* 1 (1924) 305. –Type:
Philippines.

Crepidium taylorii (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 132 ; --*Malaxis taylori* Ames,
Orchidaceae 6 (1920) 290; --Ames in Merr., *EPFP* 1 (1924) 306. –Type:
Philippines.

Crepidium uncatum (Ames) MA Clem. & DL Jones, *Lasianthera* 1 (1996) 41; --*Malaxis uncata* Ames,
PJS 6 c (1911) Bot. 46; --Ames in Merr., *EPFP* 1 (1924) 306. –Type:
Philippines.

Crepidium wenzelii (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 133; --*Malaxis wenzelii* Ames,
PJS 8 c (1913) Bot. 412; --Ames in Merr., *EPFP* 1 (1924) 306. –Type:
Philippines.

Crepidium williamsii (Ames) Szlach., *Fragm. Florist. Geobot., Suppl.* 3 (1995) 133; --*Malaxis williamsii*
Ames, *Orchidaceae* 2 (1908) 131, text cut; --Ames in Merr., *EPFP* 1 (1924) 306. –Type:
Philippines.

Possible novelties:

Crepidium sp.
MINDORO
(yellow flowers)

Crepidium sp.
LUZON: Nueva Vizcaya
(violet flowers)

Crepidium sp. aff. **hoi**
MINDORO (plain green leaves).

Species of uncertain taxonomic position but which may belong to this genus:

Malaxis bulusanensis Ames, *Sched. Orchid.* 6 (1923) 33; --Ames in Merr., *EPFP* 1 (1924) 303. –Type:
Philippines

Cryptostylis R Brown

Cryptostylis acutata JJ Sm., Bull. Jard. Bot. Buitenzorg, ser. 3, 3 (1921) 243.
Extra-Philippine range?

Cryptostylis arachnites (Blume) Hassk., Cat. Hort. Bogor. (1844) 48; --Ames in Merr., EPFP 1 (1924) 261; --Holtum, Rev. Fl. Malaya 1 (1954) 103, Fig. 15; --Zosterostylis arachnites Blume, Bijdr. (1825) 419. --Type: India, Sri Lanka, Sumatra, Peninsular Malaysia, Java, and Borneo (Sarawak). LUZON: Apayao, Rizal, Quezon, Sorsogon, POLILLO, MINDORO, BILIRAN, LEYTE, NEGROS: Negros Occidental, CAMIGUIN, MINDANAO: Davao. A common, variable, and widely distributed species in the Philippines. Terrestrial, in forest at 30-1000m altitude. According to Holtum (1954), peninsular Malayan plants may represent a distinct species.

Cryptostylis taiwaniana Masam., Trans. Nat. Hist. Soc. Taiwan 23 (1933) 208.
Cryptostylis arachnites var. taiwaniana (Masam.) SS Ying, Col. Ill. Indig. Orch. Taiwan 3 (1988) 622.
Extra-Philippine range?

Cylindrolobus Blume

Cylindrolobus alboluteus (Rolfe) W Suarez, ined.
Eria albolutea Rolfe, Kew Bull. (1917) 80; --Ames in Merr., EPFP 1 (1924) 364. --Type: Philippines.

Cylindrolobus aliciae (Quisumb.) W Suarez, ined.
Eria aliciae Quisumb., PJS 66 (1938) 149. --Type: LUZON: Nueva Vizcaya, Rizal, NEGROS: Negros Occidental. Terrestrial in shaded sites, 300-2750m in shaded location. (recheck as no parts of these provinces attain that altitude, except the Nueva Vizcaya side of Mt Pulag summit area).
Philippines.

Cylindrolobus brachystachyus (Reichb.f.) Rauschert, Feddes Repert. 94 (1983) 445; --Eria brachystachya Reichb.f., Bonplandia 3 (1855) 223; --Cootes, Orch. Philip. (2001) 115; --Ames in Merr., EPFP 1 (1924) 365. --Type: Eria wenzelii Ames, PJS 8 c (1914) Bot. 428. --Type: CAMIGUIN DE BABUYANES, LUZON: Kalinga, Tarlac, Rizal, Camarines, Sorsogon, MINDORO: Mindoro Oriental, LEYTE, MINDANAO: Bukidnon, Agusan. Epiphytic at sea-level to 1000m. Fairly common.

Cylindrolobus cootesii (DP Banks) W Suarez, ined.
Eria cootesii DP Banks OrchideenJournal 15 (2008) 78-79.
[Eria cootesii D.P.Banks](#) -- Orchideen J. 15(2): 78 (-80; figs.). 2008 [May 2008]
Philippines.

Cylindrolobus fastigatifolius (Ames) W Suarez, ined.
Eria fastigatifolia Ames, Orchidaceae 2 (1908) 191, text cut; --Ames in Merr., EPFP 1 (1924) 367.
Philippines.

Cylindrolobus longissimus (Ames & Quisumb.) W Suarez, ined.
Eria longissima Ames & Quisumb., PJS 44 (1931) 374. --Type: Philippines.

Cylindrolobus perspicabile (Ames) W Suarez, ined.

Eria perspicabilis Ames, Orchidaceae 5 (1915) 156; --Ames in Merr., EPFP 1 (1925) 373. --Type: Philippines.

Cymbidium Swartz

Cymbidium aliciae Quisumb., PJS 72 (1940) 486; --Cootes, Orch. Philip. (2001) 62. --Type:

LUZON: Nueva Vizcaya, Rizal, NEGROS: Negros Occidental. Terrestrial in shaded sites, altitude 300-2750m.

Cymbidium aloifolium (L.) Sw., Nova Acta Regiae Soc. Sci. Upsal. 6 (1799) 73; --*Epidendrum aloifolium* L., Sp. Pl. (1753) 953.

Extra-Philippine range?

Cymbidium atropurpureum (Lindl.) Rolfe, Orch. Rev. 11 (1903) 190; --Ames in Merr., EPFP 1 (1925) 403; --*Cymbidium pendulum* var. *atropurpureum* Lindl., Gard. Chron. (1854) 287; --Cootes, Orch. Philip. (2001) 62. --Type:

Thailand, Peninsular Malaysia, Sumatra, Java, Borneo, Philippines. LUZON: Mountain Province, Benguet, Rizal, Laguna, LEYTE, TAWI-TAWI, MINDANAO: Bukidnon, Davao del Norte, Davao del Sur (Malita) Surigao del Norte (Lake Mainit), Surigao del Sur. Usually in high altitude areas to 2200m, commonly a high-crown epiphyte, sometimes lithophytic, usually in full sun.

Cymbidium bicolor Lindl., Gen. Sp. Orchid. Pl. (1833) 164.

Philippine occurrence doubtful.

Cymbidium chloranthum Lindl., Edwards's Bot. Reg. 29(Misc.) (1843) 68.

ssp. palawanense Lubag-Arquiza, Orch. Rev. 114 (2006) 1271.

Philippines.

[*Cymbidium chloranthum* Lindl. subsp. *palawanense* Lubag-Arquiza](#) -- Orchid Rev. 114(1271): 264 (-265; figs.). 2006

Cymbidium cyperifolium Wall. ex Lindl., Gen. Sp. Orchid. Pl. (1833) 163.

subsp. cyperifolium

subsp. indochinense Du Puy & PJ Cribb, Genus *Cymbidium* (1988) 176.

Cymbidium dayanum Reichb.f., Gard. Chron. (1869) 710; --Cootes, Orch. Philip. (2001) 63. --Type:

Cymbidium dayanum var. *austrojaponicum* Tuyama, Iconogr. Pl. Asiae Orient. 4 (1941) 363.

India, China, Taiwan, Japan, Thailand, Indochina, Sumatra, Peninsular Malaysia, Borneo (Sabah), Philippines.

LUZON: Mountain Province, Benguet, Nueva Vizcaya. Commonly terrestrial but also found in hollow logs on trees, between 300-1800m.

Cymbidium ensifolium (L.) Sw., Nov. Act. Soc. Sci. Upsal. 6 (1799) 77; --*Epidendrum ensifolium* L., Sp. Pl. 2 (1753) 954.

Cymbidium gonzalesii Quisumb., PJS 72 (1940) 485, pl. 2, Fig. 1&2; pl. 6.

LUZON: Rizal. Open grasslands, medium altitudes.

Cymbidium finlaysonianum Lindl. in Wall. Cat. (1832) No. 7358, *nomen*, Gen. & Sp. Orch. (1833) 164;

--Ames in Merr., EPFP 1 (1925) 403; --Cootes, Orch. Philip. (2001) 63.

Indochina, Thailand, Peninsular Malaysia, Indonesia, Philippines.

LUZON: Benguet, Bataan, Bulacan, Rizal, Quezon, Albay, POLILLO, BOHOL, DINAGAT,

TAWI-TAWI, MINDANAO: Zamboanga, Surigao. Sea-level to 300m, usually epiphytic, sometimes lithophytic, usually in very well-lit sites.

Cymbidium lancifolium Hook.f., Exot. Fl. 1 (1823) t 51.
Extra-Philippine range?

Cymbidium pubescens Lindl., Edwards's Bot. Reg. 26 (Misc.) (1840) 75; --Cootes, Orch. Philip. (2001) 64.

Sumatra, Peninsular Malaysia, Java, Borneo, Philippines, Sulawesi.

MINDANAO: Agusan del Norte, Agusan del Sur. Usually an epiphyte at low altitudes to 300m.

Cypripedium auct. mal. =Paphiopedilum

Cyrtosia Blume

Cyrtosia javanica Blume, Bijdr. (1825) 396.

Galeola javanica (Blume) Benth. & Hook., Gen. Pl. 3 (1883) 590.

Taiwan, Philippines, Java. LUZON: Cagayan.

Cystopus Blume =Pristiglottis

Cystorchis Blume

Cystorchis aphylla Ridl., J. Linn. Soc. 32 (1896) 400; --Ames in Merr., EPFP 1 (1924) 273.

Peninsular Malaysia and Java.

LUZON: Benguet, Pampanga, Bataan. Terrestrial, in forest.

Cystorchis javanica (Blume) Blume, Fl. Jav. Orch. (1858) 73 (Orch. Arch. Ind. (1859) 87, t. 24, Fig. 1, 1-16;

--Ames in Merr., EPFP 1 (1924) 274; --Hetaeria javanica Blume, Bijdr. (1825) 410. --Type:

Sumatra, Peninsular Malaysia, Java, Borneo, S Philippines, New Guinea (Irian Jaya).

MINDANAO: Davao (Tagum-Compostela trail, in dense forest at 45m altitude).

Cystorchis luzonensis Ames, Orchidaceae 5 (1915) 33; --in Merr., EPFP 1 (192) 274; --Cootes, Orch. Philip. (2001) 64.

LUZON: Laguna (Mt Makiling), MINDORO: Mindoro Oriental (Mt Halcon). Terrestrial in forest, in shaded and damp sites, altitude 800-1600m.

Dendrobium Swartz

Dendrobium aclinia Reichb.f., Bonplandia 4 (1856) 329; --Ames in Merr., EPFP 1 (1924) 342. --Type:

LUZON: Isabela, Zambales, Rizal. Epiphytic. Up to 300m altitude in Rizal.

Dendrobium anosmum Lindl., Edwards's Bot. Reg. 31 (1845) Misc. 32; --Cootes, Orch. Philip. (2001) 66; --Ames in Merr., EPFP 1 (1924) 343. --Type:

forma anosmum

Thailand, across Malesia to New Guinea.

forma dearei (Rolfe) W Suarez, ined.

Dendrobium anosmum var. *dearei* (Rolfe) Quisumb. & Merr., PJS 56 (1935) 435.

forma giganteum (Reichb.f.) W Suarez, ined.

Dendrobium superbum var. *giganteum* Reichb.f. in ? , .

forma huttonii (Reichb.f.) W Suarez, ined.

Dendrobium anosmum var. *huttonii* (Reichb.f.) Ames & Quisumb., PJS 56 (1935) 454; --*Dendrobium superbum* var. *huttonii* Reichb.f. in ? , .

–Type:

Dendrobium auriculatum Ames & Quisumb., PJS 49 (1932) 488; --Cootes, Orch. Philip. (2001) 67; –

Type:

Philippines.

Dendrobium bicaudatum Reinw. ex Lindl., J. Proc. Linn. Soc., Bot. 3 (1859) 20; --Cootes, Orch. Philip.

(2001) 68; –Type:

Ceratobium bicaudatum (Reinw. ex Lindl.) MA Clem. & DL Jones, Orchadian 13 (2002) 486;

Extra-Philippine range?

Dendrobium bunuanense Ames, Schedul. Orchid. 9 (1925) 53; --*Dendrobium appendiculoides* Ames,

Orchidaceae 7 (1922) 93, non JJ Sm. (1913); --Ames in Merr., EPFP 1 (1924) 345. –Type: BS 38940

Ramos & Edaño

MINDANAO: Bukidnon (Mt Candoon). Epiphytic in forest, altitude 1650m.

Dendrobium busuangense Ames, Orchidaceae 6 (1920) 296; --Ames in Merr., EPFP 1 (1924) 346. –Type:

Taylor *sn.*

Durabaculum busuangense (Ames) MA Clem. & DL Jones, Orchadian 13 (2002) 487.

BUSUANGA

Dendrobium ceraula Reichb.f., Linnaea 41 (1876) 40; --Ames in Merr., EPFP 1 (1924) 346; --Cootes, Orch.

Philip. (2001) 70. –Type:

Philippines.

Dendrobium cerinum Reichb.f., Gard. Chron., n.s., 12(2) (1879) 554; --Cootes, Orch. Philip. (2001) 71;

Philippines.

Dendrobium chameleon Ames, Orchidaceae 2 (1908) 174, text cut; --Ames in Merr., EPFP 1 (1924) 346; --

Cootes, Orch. Philip. (2001) 72.

ssp. chameleon forma alba Ames & Quisumb., PJS 44 (1931) 372.

Philippines.

ssp. ovatilabium (Ames & Quisumb.) W Suarez, ined.

Dendrobium chameleon var. *ovatilabium* Ames & Quisumb., PJS 44 (1931) 372; --Cootes, Orch. Philip. (2001) 72.

LUZON: Benguet, Pampanga. Epiphytic in fairly shaded sites, altitude over 1000m.

Dendrobium compressum Lindl., Edwards's Bot. Reg. 28(Misc.) (1842) 63.

Dendrobium crassimarginatum LO Williams, Bot. Mus. Leaf. 5 (1937) 42.

Philippines.

Dendrobium crumenatum Sw. in Schrad. J. Bot. 2 (1799) 237; --Ames in Merr., EPFP 1 (1924) 346; --

Cootes, Orch. Philip. (2001) 73.

India, Sri Lanka, Andaman Isls, Burma, Thailand, Indochina, S China, Taiwan (Lanyu & Kwasyoto Isls), Sumatra, Java, Lesser Sunda Isls (Sumba, Timor), Borneo, Philippines, Sulawesi, Moluccas (Ambon). Common and widely distributed throughout the Philippines, lowlands up to 500m.

Dendrobium cucullatum R Br., Bot. Reg. (1821) t. 548.
Extra-Philippines range.

Dendrobium davaoense Arquiza, Australian Orchid Review (Feb. 2006).

- [*Dendrobium davaoense* Lubag-Arquiza](#) -- Austral. Orchid Rev. 71(1): 22 (-24; figs.). 2006 [Feb 2006]

Dendrobium dearei Reichb.f., Gard. Chron. 18(2) (1882) 361; --Ames in Merr., EPFP 1 (1924) 348; --Cootes, Orch. Philip. (2001) 75.
Philippines.

Dendrobium diffusum LO Williams, Bot. Mus. Leaf. 5 (1937) 44.
Philippines.

Dendrobium epidendropsis Kraenzl., Orchis 2 (1908) 79, Fig. 12; --Ames in Merr., EPFP 1 (1924) 348.
=?

Dendrobium fairchildiae Ames & Quisumb., PJS 47 (1932) 202.

forma fairchildiae

LUZON: Mountain Province, Nueva Ecija, Rizal, CATANDUANES. Epiphytic or lithophytic in shaded sites, altitude up to 1200m

forma album Cootes, Austral. Orchid Rev. 66(3) (2001) 21.
Philippines.

Dendrobium gonzalesii Quisumb., PJS 66 (1938) 143. --Type:
Near *D. victoriae-reginae*

Dendrobium guerreroi Ames & Quisumb., PJS 49 (1932) 489. --Type:
Philippines.

Dendrobium hercoglossum Reichb.f., Gard. Chron. (1886)(2) 487; --Ames in Merr., EPFP 1 (1924) 349.
--Type:
Philippines.

Dendrobium ionopus Reichb.f., Gard. Chron. 2 (1882) 808; --Cootes, Orch. Philip. (2001) 79; --Type:
LUZON: Benguet, Nueva Vizcaya, Nueva Ecija, Bataan, Rizal. Epiphytic, altitude c. 1200m.

Dendrobium milaniae Fessel & Lückel, Orchidee (Hamburg) 47 (1996) A131. --Type:
LEYTE. Epiphytic, altitude c. 600m.

Dendrobium miyasakii Ames & Quisumb., PJS 44 (1931) 373.
Philippines.

Dendrobium obrienianum Kraenzl., Gard. Chron. iii, 11 (1892)(1) 266; --Ames in Merr., EPFP 1 (1924) 352.
Philippines.

Dendrobium papilio Loher, Gard. Chron. iii, 21(1) (1897) 416; --Ames in Merr., EPFP 1 (1924) 352; --Cootes, Orch. Philip. (2001) 83; --Type:
Aporum papilio (Loher) Rauschert, Feddes Repert. 94 (1983) 441.
Dendrobium vanoverberghii Ames, PJS 8 c (1913) Bot. 425. --Type:
LUZON: Mountain Province, Benguet, Nueva Vizcaya, Albay, NEGROS: Negros Oriental,
MINDANAO: Davao del Sur, Surigao del Sur. Lithophytic or epiphytic, altitude over 1200m.

Dendrobium parthenium Reichb.f., Gard. Chron., ser. 2, 24 (1885) 489.
Borneo, SW Philippines. PALAWAN.

Dendrobium pentapterum Schltr., Nacht. Fl. Deutsch. Schutzgeb. Südsee (1905) 161; --Cootes, Orch. Philip. (2001) 83.
S Philippines, NE New Guinea.
MINDANAO: Davao del Sur (Mt Apo). On mossy branches, altitude 500-2080m.

Dendrobium phillipsii Ames & Quisumb., PJS 56 (1935) 457; --Cootes, Orch. Philip. (2001) 84; --Type:
MINDANAO: Bukidnon. Epiphytic, altitude c. 800m.

Dendrobium platycaulon Rolfe, Kew Bull. (1892) 139; --Ames in Merr., EPFP 1 (1924) 353; --Cootes, Orch. Philip. (2001) 85.
LUZON: Mountain Province, Benguet, Laguna, BOHOL, MINDANAO: Zamboanga, Surigao.
Epiphytic in shaded sites, altitude c. 500m.

Dendrobium pristinum Ames, Orchidaceae 5 (1915) 133; --Ames in Merr., EPFP 1 (1924) 353; --Cootes, Orch. Philip. (2001) 86.
LUZON: Rizal. Epiphytic, altitude c. 1000m.

Dendrobium profusum Reichb.f., Gard. Chron. ii, 21 (1884) 510; --Ames in Merr., EPFP 1 (1924) 354; --Cootes, Orch. Philip. (2001) 87.
LUZON: Quezon, Camarines, Albay. Epiphytic in well-lit sites, altitude 100-500m.

Dendrobium pterocarpum Ames, Sched. Orchid. 6 (1923) 80; --Ames in Merr., EPFP 1 (1924) 354.

Dendrobium ramosii Ames, PJS 7 c (1912) Bot. 18; --Ames in Merr., EPFP 1 (1924) 354; --Cootes, Orch. Philip. (2001) 87; --Type:
LUZON: Mountain Province, Benguet, Quezon. Terrestrial, altitude over 1200m.

Dendrobium ravanii Cootes, OrchideenJournal 15 (2008) 2 pages 70 – 73.
● [Dendrobium ravanii Cootes](#) -- Orchideen J. 15(2): 70 (-72; figs.). 2008 [May 2008]
Philippines.

Dendrobium rhombeum Lindl., Edwards's Bot. Reg. 29 (1843) t. 17.
Dendrobium heterocarpum Wall., Cat. (1828) No. 20, *nomen, ex* Lindl. Gen. & Sp. Orch. (1830) 78; --Ames in Merr., EPFP 1 (1924) 349; --Cootes, Orch. Philip. (2001) 78.
Sri Lanka, India, Burma, Thailand, Laos, Vietnam, Peninsular Malaysia, Java, Borneo, Philippines, Sulawesi.
LUZON: Ilocos, Mountain Province, Benguet, Nueva Vizcaya, Nueva Ecija, Bataan, Rizal, Albay, Sorsogon, MINDORO: Mindoro Oriental, MINDANAO: Davao del Sur. Epiphytic, altitude over 1000m.

Dendrobium sanderae Rolfe, Gard. Chron. iii, 45 (1909) 374; --Ames in Merr., EPFP 1 (1924) 354; --Cootes, Orch. Philip. (2001) 87.
BABUYAN ISLS (CALAYAN), LUZON: Mountain Province, Ifugao, Benguet, Cagayan, Nueva

Vizcaya, Rizal, PALAWAN, MINDANAO: Surigao del Norte, Surigao del Sur. Epiphytic, from c. 300m to over 1000m.

var. luzonicum Tiu, Philip. Orch. Rev. (1997) xxx.
CALAYAN, LUZON: Cagayan, epiphytic, altitude to 300m.

var. major auct., Orchid J. 3 (1954) 113.
Philippines.

var. milleri Quisumb., Philip. Orchid Rev. 6 (1958) 11.
Philippines.

var. parviflorum Anschutz ex Quisumb., Philip. Orchid Rev. 2 (1949) 3.

Dendrobium schuetzei Rolfe, Orch. Rev. 19 (1911) 224; --Ames in Merr., EPFP 1 (1924) 354.
MINDANAO: Surigao del Norte, Surigao del Sur. Epiphytic, up to 300m altitude.
Philippines.

Dendrobium serratilabium LO Williams, Bot. Mus. Leaflet 5 (1937) 45; --Cootes, Orch. Philip. (2001) 90; --
Type:
LUZON: Aurora, Quezon, Rizal, Laguna. Epiphytic in deep shade, altitude 500-1200m.

Dendrobium spurium (Blume) JJ Sm. Fl. Buitenz. 6 (Orch. Jav.) (1905) 343, Fig.-Atlas (1910) Fig. 260;
--Ames in Merr., EPFP 1 (1924) 355; --Cootes, Orch. Philip. (2001) 91. --Type:
Sumatra, Peninsular Malaysia, Singapore, Java, Borneo, Philippines, New Guinea.
LUZON: Ilocos Norte, Cagayan, Bataan, Laguna, Sorsogon, MINDANAO: Davao del Sur.
Epiphytic on tree trunks in well-lit sites, lowlands.

Dendrobium stricticalcarum W Suarez & Cootes, Aust. Orch. Rev. 73 (2008) 4, 23.
● [*Dendrobium stricticalcarum* W.Suarez & Cootes](#) -- Austral. Orchid Rev. 73(4): 23 (figs.). 2008 [Aug 2008]
Philippines.

Dendrobium stuposum Lindl., Bot. Reg. 24 (1838) misc. 94.
Widely distributed throughout SE Asia. LUZON (E coast).

Dendrobium surigaense (Quisumb.) HP Wood, The Dendrobiums (2006) 704; --*Dendrobium sanderae*
var. *surigaense* Quisumb., Philip. Orchid Rev. 4 (1951) 2. --Type:
Philippines.

Dendrobium taurinum Lindl., Bot. Reg. 29 (1843) t. 28; --Ames in Merr., EPFP 1 (1924) 356; --Cootes,
Orch. Philip. (2001) 91. --Type:
Durabaculum taurinum (Lindl.) MA Clem. & DL Jones, Orchadian 13 (2002) 489.
LUZON: Zambales, Rizal, Laguna, Quezon, PALAWAN, PANAY, MINDANAO: Bukidnon,
Davao del Sur, DINAGAT. Epiphytic, up to 300m altitude.

Dendrobium velutinelabrum MA Clem. & Cootes, OrchideenJournal 16(1) (2009) 19-23.
Philippines.

Dendrobium victoriae-reginae Loher, Gard. Chron. iii, 21 (1897)(1) 399; --Ames in Merr., EPFP 1 (1924)
358. --Type:
Pedilonum victoriae-reginae (Loher) Rauschert, Feddes Repert. 94 (1983) 465.

Dendrobium coeleste Loher, Gard. Chron. 1897 (2) (1897) 1.

LUZON: Mountain Province, Ifugao, Nueva Vizcaya, Pampanga, Quezon, MINDORO: Mindoro Oriental, NEGROS, CAMIGUIN, MINDANAO: Davao del Sur. Epiphytic in mossy cloud forests.

forma album Valmayor & Tiu, Phil. Orch. Rev. 3 (1983) 16.

Dendrobium yeageri Ames & Quisumb., PJS 52 (1934) 447; --Cootes, Orch. Philip. (2001) 94. --Type: LUZON: Mountain Province, Benguet. Epiphytic above 1000m.

Dendrobium zamboangense Ames, Orchidaceae 5 (1915) 145; --Ames in Merr., EPFP 1 (1924) 358. Philippines.

Possible novelties:

Dendrobium section **Formosae**

LUZON: Zambales

Dendrobium sp. aff. **stricticalcarum**

LEYTE.

Dendrobium aff. **kiauense** ---- Cootes, Orch. Philip. (2001) 211.

Dendrobium sp. (section *Rhopalanthé*), Cootes, Orch. Philip. (2001) 212.

Not in Cootes' (2001) Checklist:

Dendrobium aphyllum (Roxb.) Fischer

Dendrobium blumei Lindl., --Cootes, Orch. Philip. (2001) 69;

Thailand, Sumatra, Peninsular Malaysia, Java, Borneo, Philippines.

SAMAR, BASILAN, MINDANAO: Zamboanga, Lanao, Bukidnon, Agusan del Norte, Surigao. Epiphytic. Sometimes in swamps, altitude to 1000m.

Dendrobium compactum Rolfe,

Dendrobium conanthum Schltr., Fedde Repert. Spec. Nov.; --Cootes, Orch. Philip. (2001) 73.

Philippines, Papua New Guinea, Solomon Isls, Bismarck Archipelago, Admiralty Isls, Vanuatu. CALAMIANES ISLS, PALAWAN. Epiphytic, altitude to 300m.

Dendrobium pentapetalum Schltr.

Dendrobium tetrachromum Reichb.f.,

Status?

Dendrobium bifidum Ames

Dendrochilum Blume

Revision:

Pedersen, H AE. 1997. *The genus Dendrochilum (Orchidaceae) in the Philippines-a taxonomic revision*. Opera Botanica 131: 1-205.

Dendrochilum abortum (Ames) LO Williams, PJS 80 (1952) 310; --HAE Pedersen et al., Opera Bot. 130 (1997) 17; --HAE Pedersen, *ibid.* 131 (1997) 72, Fig. 34; --*Acoridium abortum* Ames, Blumea Suppl. 1 (1937) 68. --Type: Loher 14694 (AMES*, holo; iso: L*, P). Luzon: Rizal prov., no further locality data, Sept 1909. LUZON: Rizal. Habitat and altitudinal range not known. Fl. Sept. Known only from the type collection.

Dendrochilum affine Ames, Orchidaceae 2 (1908) 13, 95; --Acoridium affine (Ames) Ames, Orchidaceae 7 (1922) 80; --Ames in Merr., EPFP 1 (1924) 284; --HAe Pedersen et al., Opera Bot. 130 (1997) 22; --HAe Pedersen, *ibid.* 131 (1997) 106, Fig. 56. --Type:

Dendrochilum amesianum HAe Pedersen, Nordic J. Bot. 15 (1996) 381; --HAe Pedersen et al., Opera Bot.

130 (1997) 43; --HAe Pedersen, *ibid.* 131 (1997) 166, Fig. 95. --Type: University of San Carlos 784 (L*, holo).

Mindanao: Surigao del Sur prov., Aras-asan, logging area between 25-250m, 5 Dec 1975.

MINDANAO: Surigao del Sur. Known only from the type collection. Fl. May.

Dendrochilum anfractum (Ames) Pfitzer in Engl., Pflanzenreich iv. 50. ii. B. 7 (1907) 118, Fig. 38P; --HAe Pedersen et al., Opera Bot. 130 (1997) 59; --HAe Pedersen, *ibid.* 131 (1997) 41, Fig. 14A-F, H-J; --Pseudacoridium anfractum (Ames) Szlach. & Marg., Polish Bot. J. 46 (2001) 114; --Acoridium anfractum Ames, Proc. Biol. Soc. Wash. 19 (1906) 148; --Ames in Merr., EPFP 1 (1924) 284. --Type: Merrill 4482

(PNH,

holo, destroyed; iso: AMES*). Luzon: Mountain Province, Mt Data, altitude 2150m, 20 Oct 1905.

var. anfractum

LUZON: Mountain Province (Mt Data), Ifugao (Mt Polis), Benguet (Mt Boadan; Mt Simakoko). Mossy forest, altitude 1880-2150, epiphytic. Fl. Aug-Oct.

var. anfractoides (Ames) LO Williams, PJS 80 (1951) 330; --HAe Pedersen et al., Opera Bot. 130 (1997) 59-60; --HAe Pedersen, *ibid.* 131 (1997) 41, Fig. 14G; --Pseudacoridium anfractoides (Ames) Szlach. & Marg., Polish Bot. J. 46 (2001) 114; --Acoridium anfractoides (Ames) Ames, Orchidaceae 7 (1922) 80; --Ames in Merr., EPFP 1 (1924) 284; --Dendrochilum anfractoides Ames, Orchidaceae 3 (1908) 13, t. 28. --Type: FB 4311 Mearns (PNH, holo, destroyed). Luzon: Benguet prov., no further locality data.

LUZON: Mountain Province (between Bontoc & Mt Polis), Ifugao (Mt Polis), Benguet (Mt Pulag; Mt Natoo; Mt Simakoko; Pauai). Mossy forests, altitude 1220-2165 (-2450?)m, epiphytic. Fl. Jun-Oct, Dec.

Dendrochilum apiculatum (Ames) LO Williams, PJS 80 (1952) 331; --HAe Pedersen et al., Opera Bot. 130 (1997) 60; --HAe Pedersen, *ibid.* 131 (1997) 42, Fig. 15; --Pseudacoridium apiculatum (Ames) Szlach. & Marg., Polish Bot. J. 46 (2001) 114; --Acoridium apiculatum Ames, Blumea Suppl. 1 (1937) 70. --Type: Loher *sn* (AMES*, holo). Luzon: Rizal prov., Guiniuisan, Jan 1913 (15 Nov 1912 according to Loher's handwritten field notes attached to the type sheet).

LUZON: Rizal (Guiniuisan). No further locality and habitat notes.

Dendrochilum apoense T Hashim., J. Jap. Bot. 56 (1981) 335; --HAe Pedersen et al., Opera Bot. 130 (1997)

33; --HAe Pedersen, *ibid.* 131 (1997) 125, Fig. 69. --Type: Hashimoto *sn* (TNS, holo). Mindanao: Davao, Mt Apo, near the Forestry Development (presumably Bureau of Forest Development) office.

MINDANAO: Davao del Sur (Mt Apo). Said to be collected from mossy rain forest, altitude not indicated. Only known from the type collection. Fl. Jun.

Dendrochilum arachnites Reichb.f., Gard. Chron. ii, 17 (1882)(1) 256; --Ames in Merr., EPFP 1 (1924) 292; --Cootes, Orch. Philip. (2001) 96; --HAe Pedersen et al., Opera Bot. 130 (1997) 43; --HAe Pedersen, *ibid.* 131 (1997) 149, Fig. 83B, 86, Pl. IVC-D; --Type: Low *sn* (W, Herb. Reichb.f. 49028 *pro parte*; holo). Philippines, no further locality data.

Acoridium arachnites (Reichb.f.) Rolfe, Orchid Rev. (1904) 219.

LUZON: Mountain Province (Baguio-Bontoc Road), Ifugao (Mt Batwag; Mt Polis), Benguet (Apunan; Mt Nangaoto; Mt Natoo; Mt Pangualitikai; Mt Pulag; Pauai; Baguio; Mt Sto Tomas), Nueva Vizcaya, Pampanga (Mt Arayat), Rizal (Montalban; Mt Susong Dalaga; San Isidro near Bosoboso; unspecified locality for Loher 14643b), Quezon (Mt Banahaw), MINDORO: Mindoro Oriental (Mt Halcon), LEYTE: Leyte (Masaganap & Buenavista near Jaro), MINDANAO: Zamboanga, Misamis Occidental (Mt Malindang), Bukidnon (Mt Lipa; vicinity of Tanculan), Agusan del Norte (Mt Hilong-hilong), Davao del Sur (Mt Apo), Davao Oriental (Mt Kampalili).

Epiphytic, mostly in mossy cloud forest, altitude 500-2600m. Fl. Jan-Jul, Sept-Dec.

Dendochilum asperum LO Williams, PJS 80 (1952) 309; --H Ae Pedersen et al., Opera Bot. 130 (1997) 17; --H Ae Pedersen, *ibid.* 131 (1997) 65, Fig. 29; --Acoridium exasperatum Ames, Sched. Orchid. 6 (1923) 21, Fig. 6, *pro parte*; --Ames in Merr., EPFP 1 (1924) 285. --Type: BS 42338 Ramos (AMES*, holo; iso: P). Luzon: Rizal prov., Mt Lumutan, altitude 1200m, Apr 1923.

LUZON: Aurora (Mt Camatis), Rizal (Mt Lumutan), Laguna (Mt San Cristobal). Mossy forests, altitude c. 1200m. Fl. Apr & May.

Dendochilum auriculare Ames, PJS 4 c (1909) Bot. 595; --H Ae Pedersen et al., Opera Bot. 130 (1997) 33; --H Ae Pedersen, *ibid.* 131 (1997) 121, Fig. 66; --Cootes, Orch. Philip. (2001) 96; --Acoridium auriculare (Ames) Ames, Orchidaceae 7 (1922) 80; --Ames in Merr., EPFP 1 (1924) 284. --Type: BS 5818 Ramos & Edaño (AMES, holo*). Luzon: Benguet prov., no further locality data, Dec 1908.

LUZON: Ifugao (Mt Himi-o; Mt Pimmage), Benguet (Mt Pulag; Mt Simakoko; Mt Ugo), Nueva Vizcaya (unspecified locality for BS 20104 McGregor), Aurora (Mt Camatis), Rizal (Montalban; unspecified locality for Loher 14733A & 14737). Epiphytic in the mossy forests, altitude (?1700-)2000-2300(-2500?)m. Fl. Sept, Oct, Dec-Feb.

Dendochilum binuangense Ames, Orchidaceae 6 (1920) 281; --H Ae Pedersen et al., Opera Bot. 130 (1997) 17; --H Ae Pedersen, *ibid.* 131 (1997) 69, Fig. 32. --Type: BS 28620 Ramos & Edaño (AMES*, holo; iso: BM, K, NY*, P, SING*, US*, W). Luzon: Quezon prov., Mt Binuang, epiphytic, altitude 500m, 27 May 1917.

Acoridium binuangense (Ames) Ames, Orchidaceae 7 (1922) 80; --Ames in Merr., EPFP 1 (1924) 284.

LUZON: Quezon (Mt Binuang). Known only from the type collection.

Dendochilum cinnabarinum Pfitzer in Engl., Pflanzenreich iv. 50. ii. B. 7 (1907) 104, Fig. 35F; --H Ae Pedersen et al., Opera Bot. 130 (1997) 22; --H Ae Pedersen, *ibid.* 131 (1997) 94, Fig. 49A-F, H-J. --Type: Loher 461 (K, holo; iso P, US*). Luzon: Mountain Province, Mt Data.

Acoridium cinnabarinum (Pfitzer) Ames, Orchidaceae 7 (1922) 80; --Ames in Merr., EPFP 1 (1924) 285.

var. cinnabarinum

LUZON: Mountain Province (Mt Data), Benguet (Mt Simakoko). Epiphytic in mossy forest, altitude c. 1980m. Fl. Oct.

var. sanguineum (Ames) H Ae Pedersen, Opera Bot. 130 (1997) 22; --H Ae Pedersen, *ibid.* 131 (1997) 95, Fig. 49G; --Dendochilum sanguineum (Ames) LO Williams, PJS 80 (1952) 323; --Acoridium sanguineum Ames, Blumea, Suppl. 1 (1937) 72. --Type: Boettcher *sn* (AMES*, holo; iso: BM, K, L*, NY*, P, SING*, US*, W). Luzon: Benguet prov., Mt Pulag, Jun 1918.

LUZON: Mountain Province (Mt Data), Benguet (Mt Tabayoc; Mt Pulag). Epiphytic in the mossy forest, also bordering open grassland, altitude 2300-2930m. Fl. Jan-Mar, May-Jul.

Dendochilum cobbianum Reichb.f., Gard. Chron. ii, 14 (1882)(2) 748; --Ames in Merr., EPFP 1 (1924) 292;

--H Ae Pedersen et al., Opera Bot. 130 (1997) 44; --H Ae Pedersen, *ibid.* 131 (1997) 169, Fig. 97; Pl. VIA-B; --Cootes, Orch. Philip. (2001) 96. --Type: Boxall/cult. Cobb *sn* (W-Herb. Reichb.f. 29679, cited by Pedersen, 1997). Philippines, no further locality data.

Acoridium cobbianum (Reichb.f.) Rolfe, Orchid Rev. (1904) 220.

LUZON: Mountain Province (Mt Data; Bauko; Baguio-Bontoc Road), Benguet (Kabayan; Pauai; Baguio), Nueva Vizcaya, Nueva Ecija, Rizal, CATANDUANES, MINDANAO: Agusan del Norte (Mt Hilong-hilong). Many unlocalized specimens cited by Pedersen. Exposed sites, altitude 1400-2500m, lithophytic (sometimes possibly terrestrial). Fl. Apr-Jun, Jul?, Aug-Dec. One of the most commonly cultivated species of the genus.

Dendochilum coccineum H Ae Pedersen & Gravend., Blumea 49 (2004) 356-8. --Type: Philippines.

Dendrochilum convallariaeforme Schauer, Nov. Act. Nat. Cur. 19, Suppl. 1 (1843) 429; --Ames in Merr., EPFP 1 (1924) 293; --Hae Pedersen et al., Opera Bot. 130 (1997) 33-34; --Hae Pedersen, *ibid.* 131 (1997) 130, Fig. 65D, 73A-F, H-J, Pl. IVB; --Cootes, Orch. Philip. (2001) 97; --Type: Meyen *sn* (probable holotype in W, seen by Pedersen; iso in Herb. Lindl. At K; drawing and note in Herb. Reichb.f. 49007, pro parte at W). Philippines, no further locality data, collected 1831.

Dendrochilum bicallosum Ames, PJS 2 c (1907) Bot. 317, *nomen*, Orch. 2 (1908) 117, text cut; --Ames in Merr., EPFP 1 (1924) 292. --Type: Merrill 5812 (AMES*, holo; iso: K, US*). Mindoro: Mindoro Oriental prov., Mt Halcon, epiphyte on ridge forest, altitude 2500ft [=762m], 22 Nov 1906.

Dendrochilum bistortum (Wendl. & Kraenzl.) JJ Sm., Recueil Trav. Bot. Néerl. 1 (1904) 64; --*Acoridium bistortum* (Wendl. & Kraenzl.) Rolfe, Orchid Rev. 12 (1904) 220; --*Platyclinis bistorta* Wendl. & Kraenzl. In Reichb.f. & Kraenzl., Xenia Orchid. 3 (1900) 169, pl. 299 (l, 1-5). --Type: Sander *sn* (HBG, holo; iso: K). Masbate ('Maschate' in original publ.) no further locality data.

var. convallariaeforme

LUZON: Aurora, Rizal (Montalban), Laguna (Mt Makiling; San Antonio; Sierra Madre Mtns (probably in the vicinity of Siniloan, Famy and Real), Quezon (Lucban), Camarines Sur (Mt Iriga; Mt Madooy; Mt Potianay), Sorsogon (Mt Bulusan, all specimens in this locality with uncertain species identifications), MINDORO: Mindoro Oriental (Mt Halcon), MASBATE (unspecified locality), MINDANAO: Bukidnon (Mt Kitanglad, identification uncertain for PNH 10168 Sulit), Davao del Sur (Mt Apo, Miran River). Epiphytic in (sometimes mossy) forest, altitude 300-1915m. Fl. Oct-Dec.

var. minor (Ames) Hae Pedersen, Opera Bot. 130 (1997) 34; --*ibid.* 131 (1997) 132, Fig. 73G; --*Dendrochilum bicallosum* Ames var. *minor* Ames, PJS 2 c (1907) 317, *nom. nud.*, Orchidaceae 2 (1908) 118.

--Type: Merrill 5663 (PNH, holo, destroyed). Mindoro: Mindoro Oriental prov., Mt Halcon.

Acoridium confusum (Ames) Ames, Orchidaceae 7 (1922) 80; --Ames in Merr., EPFP 1 (1924) 285; --*Dendrochilum confusum* Ames, PJS 6 c (1911) 41. --Type: BS 5640 Curran (AMES*, holo; iso: K). Luzon: Laguna prov., Mt Makiling, Nov 1909.

LUZON: Laguna (Mt Makiling), Sorsogon (Mt Bulusan), MINDORO: Mindoro Oriental (Mt Halcon), LEYTE: Leyte (Masaganap near Jaro). Epiphytic in forests, altitude 700-830m. Fl. Feb, Nov.

Dendrochilum cootesii Hae Pedersen, Lindleyana 12(4) (1997) 205; --Cootes, Orch. Philip. (2001) 98. --Type:

Pseudacroridium cootesii (Hae Pedersen) Szlach. & Marg., Polish Bot. J. 46 (2001) 114.

LUZON: Ifugao, Nueva Vizcaya, Nueva Ecija. Cloud forest edges on mossy tree trunks and branches, altitude 1200-2000m.

Dendrochilum copelandii (Ames) Ames, Orchidaceae 2 (1908) 115, t. 24, Fig. I, 1; --Ames in Merr., EPFP 1 (1924) 293; --Hae Pedersen et al., Opera Bot. 130 (1997) 34; --Hae Pedersen, *ibid.* 131 (1997) 129, Fig. 72; --*Acoridium copelandii* Ames, Proc. Biol. Soc. Wash. 19 (1906) 153. --Type: Copeland *sn* (PNH, holo, destroyed; iso: AMES*). Mindanao: Zamboanga, no further locality data, 1905.

MINDANAO: Zamboanga (unspecified locality for the type collection from which this species is only known). Habitat preferences, altitude and flowering season unknown.

Dendrochilum cordatum Hae Pedersen, Lindleyana 16 (2001) 231. --Type: Philippines.

Dendrochilum croceum Hae Pedersen, Orchid Review, 113 (2005) 286.

● [*Dendrochilum croceum* H.A.Pedersen](#) -- Orchid Rev. 113(1265): 286 (-287; fig.). 2005
Extra-Philippine range?

Dendrochilum curranii Ames, Orchidaceae 3 (1908) 15, t. 29; --Hae Pedersen et al., Opera Bot. 130 (1997) 22; --Hae Pedersen, *ibid.* 131 (1997) 98, Fig. 51A-F, H-J; --Cootes, Orch. Philip. (2001) 98. --Type: BS 3077 Curran (AMES*, lecto, designated by LO Williams in PJS 80 (1951) 308; iso: AMES*, K). Luzon: Laguna prov., Mt Makiling, Jan 1908.

Acoridium curranii (Ames) Ames, *Orchidaceae* 7 (1922) 80; --Ames in Merr., *EPFP* 1 (1924) 285.

var. curranii

LUZON: Rizal (Montalban), Laguna (Mt Makiling), Laguna-Quezon (Mt Banahaw). Epiphytic in *Lithocarpus-Dacrycarpus* montane mossy forests on Mt Banahaw summit. Altitude (?600-)950-2000m. Fl. May, Dec-Feb.

var. serratoi (Ames) LO Williams, *PJS* 80 (1951) 308; --Hae Pedersen et al., *Opera Bot.* 130 (1997) 23; --Hae Pedersen, *ibid.* 131 (1997) 100, Fig. 51G-J; --*Acoridium serratoi* Ames, *Sched. Orchid.* 6 (1923) 27, Fig.

6; --Ames in Merr., *EPFP* 1 (1924) 289. --Type: *JS Serrato* *sn* (AMES*, holo; iso: AMES*, NY*). Luzon: Laguna prov., no further locality data, Sept 1912.

LUZON: Benguet (Mt Sto Tomas), Rizal (Mt Paningtingan; Mt Irid), Laguna (Mt Makiling; San Antonio), MINDORO: Mindoro Oriental (San Teodoro, upstream Subaan River; Mt Halcon), Materials with uncertain determinations from LUZON: Albay (Mayon Volcano, BS 6467 Robinson), MINDANAO: Davao Oriental (Mt Kampalili, PNH 12740 Edaño), Surigao del Norte (Mt Kabatuan, PNH 10863 Mendoza & Convocar). Epiphytic in (usually mossy) forests, altitude 500-1830(-2195?)m. Fl. Jun/Jul, Sept-Nov.

Dendrochilum cymbiforme Ames, *PJS* 6 c (1911) Bot. 41; --Ames in Merr., *EPFP* 1 (1924) 293; --Hae Pedersen et al., *Opera Bot.* 130 (1997) 45; --Hae Pedersen, *ibid.* 131 (1997) 177, Fig. 102; Pl. VIIB-C; --Cootes, *Orch. Philip.* (2001) 99. --Type: BS 7133 Ramos (AMES, lecto, designated by Pedersen et al. 1997: 45; iso: K, US). Luzon: Abra prov., Mt Bawagan.

LUZON: Abra (Mt Bawagan), Apayao, Kalinga (Mt Pastan), Ifugao (Bayninan, near Banawe; Mt Himi-o; Mt Pimmage; Sumigar, near Mt Polis). Mossy forests, altitude 1665-2010m, pendant epiphyte from the lower branches and overhanging trunks. Fl. Jan and/or Feb, Mar, Apr.

Dendrochilum ecallosum Ames, *Orchidaceae* 6 (1920) 282; --Ames in Merr., *EPFP* 1 (1924) 293; --Hae Pedersen et al., *Opera Bot.* 130 (1997) 35; --Hae Pedersen, *ibid.* 131 (1997) 134, Fig. 75. --Type: BS 30240 Ramos (AMES*, holo; iso: K). Catanduanes: Catanduanes prov., Mt Mariguison, epi[phytic in forest, altitude 140m, 14 Nov-11 Dec 1917.

CATANDUANES (Mt Mariguison). Forest epiphyte at altitude 140m at the type locality, Fl. Nov/Dec. An unlocalized specimen, BS 78885 Quisumbing, recorded in flower in Jan.

Dendrochilum edanoi Quisumb., *PJS* 66 (1938) 141; --Hae Pedersen et al., *Opera Bot.* 130 (1997) 46; --Hae Pedersen, *ibid.* 131 (1997) 153, Fig. 89. --Type: BS 77914 Edaño (A*, holo; iso K). Palawan: Mt Gantung summit, altitude 5500ft [=1676m], 8 May 1929.

PALAWAN: Known only from the type collection.

Dendrochilum elmeri Ames in Elmer, *LPB* 5 (1912) 1558; --Hae Pedersen et al., *Opera Bot.* 130 (1997) 37; --Hae Pedersen, *ibid.* 131 (1997) 138, Fig. 78B, 79. --Type: Elmer 10635 (AMES*, holo; iso: AMES*, NY*). Mindanao: Davao del Sur prov., Mt Apo, Todaya, '...clumps upon moss-covered limbs of woods...', altitude 2300m, May 1909.

Acoridium elmeri Ames, *Orchidaceae* 7 (1922) 80 *Orch.* 7 (1922) 80; --Ames in Merr., *EPFP* 1 (1924) 285.

MINDANAO: Davao del Sur (Mt Apo; Mt McKinley). Epiphytic in the mosy forest, altitude 2300-2465m. Fl. May-Sept.

Dendrochilum exiguum (Ames) Hae Pedersen, *Opera Bot.* 130 (1997) 60; *ibid.* 131 (1997) 38, Fig. 13; --*Pseudacoridium exiguum* Ames, *Amer. Orchid Soc. Bull.* 9 (1940) 45. --Type: PNH 5174 Alcasid & Edaño (PNH, holo, destroyed; iso AMES*). Luzon: Aurora prov., summit of Mt Camatis, altitude c. 1750m, May 1939.

LUZON: Aurora (Mt Camatis; Mt Mangan, Co xxxx,). Epiphytic in mossy forests, altitude 1500-1750m.

Dendrochilum exile Ames, *PJS* 2 c (1907) Bot. 317, *nomen*; *Orchidaceae* 2 (1908) 84, text cut; --Hae Pedersen et al., *Opera Bot.* 130 (1997) 23; --Hae Pedersen, *ibid.* 131 (1997) 108, Fig. 58. --Type: Merrill 5721 (PNH, holo, destroyed; iso: AMES*, K, SING*, US*). Mindoro: Mindoro Oriental prov., Mt Halcon,

altitude 2075m, 15 Nov 1906.

Acoridium exile (Ames) Ames, *Orchidaceae* 7 (1922) 80; --Ames in Merr., EPFP 1 (1924) 285.

LUZON: Mindoro Oriental (Mt Halcon). Epiphytic, altitude 2075m. Fl. Nov. Apparently only known from the type collection.

Dendrochilum eximium (Ames) LO Williams, *PJS* 80 (1952) 327; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 23; --HAe Pedersen, *ibid.* 131 (1997) 100, Fig. 52. --Type: Loher 13221 (AMES*, holo; iso: PNH, destroyed). Luzon: Rizal prov., Montalban, Mt Paningtingan.

LUZON: Rizal. Thus far known only from a few collections made by Loher at the general vicinity of the type locality. Habitat preferences and altitudinal range not known. Fl. Sept.

Dendrochilum filiforme Lindl., *Bot. Reg.* 26 (1840) Misc. 52; --Ames in Merr., EPFP 1 (1924) 293; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 46; --HAe Pedersen, *ibid.* 131 (1997) 170, Fig. 98; Pl. VIC-D; --Cootes, *Orch. Philip.* (2001) 99. --Type: Cuming/cult. Bateman *sn* (K-Herb. Lindley, holo). Luzon: No further locality data.

Dendrochilum filiforme var. *ramosii* (Ames) LO Williams, *Bot. Mus. Leaf.* 5 (1937) 49; --*Dendrochilum ramosii* Ames, *PJS* 8 c (1913) Bot. 410; --Ames in Merr., EPFP 1 (1924) 295. --Type: BS 15003 Ramos (AMES*, holo; iso: K). Luzon: Laguna prov., San Antonio, Jun 1912.

LUZON: Mountain Province (Lepanto Road), Benguet, Cagayan (Mt Babatngin), Rizal (Montalban, Paningtingan; Mt Irid), Laguna (Mt Banahaw; Pangil; San Antonio), Quezon, NEGROS: Negros Oriental (sitio Malangko near Sibulan). Numerous unlocalized specimens cited by Pedersen, 1997. Epiphytic in forests, altitude 665-2250m. Fl. Feb-Jul, Sept; Aug & Nov as well in cultivated plants. One of the most commonly cultivated *Dendrochilum* species.

Dendrochilum flexuosum HAe Pedersen, *Nordic J. Bot.* 15 (1995) 383; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 47; --HAe Pedersen, *ibid.* 131 (1997) 172, Fig. 99. --Type: PNH 10874 Mendoza & Convozar (PNH, holo). Mindanao: Surigao del Norte prov., Mt Kabatuan, altitude 968m, epiphytic on a forested peak.

SAMAR: Western Samar (Concord Mtns, identification uncertain), MINDANAO: Surigao del Norte (Mt Kabatuan). Definitely known only from the type collection. The Samar material was collected from in primary limestone forest.

Dendrochilum foxworthyi Ames, *Orchidaceae* 3 (1908) 8, t. 26; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 18; --HAe Pedersen, *ibid.* 131 (1997) 48, Fig. 19. --Type: BS 2542 Foxworthy (AMES*, lecto, designated by LO Williams, *PJS* 80 (1951) 313; iso: K, SING*, US*). Luzon: Pampanga prov., Mt Pinatubo, altitude 1800m, '...the most prominent thing on top of the mtn. It covers the mossy tree trunks very densely...', Apr 1907.

Acoridium foxworthyi (Ames) Ames, *Orchidaceae* 7 (1922) 80; --Ames in Merr., EPFP 1 (1924) 285.

LUZON: Ifugao (Mt Polis), Aurora (Mt Camatis), Pampanga (Mt Pinatubo), Prov. unknown ('near Manbuybuy' for Taylor 130). Mossy forests, altitude 1800-2402m.

Dendrochilum glumaceum Lindl., *Bot. Reg.* 27 (1841) Misc. 23; --Ames in Merr., EPFP 1 (1924) 293; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 37; --HAe Pedersen, *ibid.* 131 (1997) 150, Fig. 87, Pl. VA; --Cootes, *Orch. Philip.* (2001) 100. --Type: Cuming [cult. Loddiges *sn* (K-Herb. Lindl., holo). Philippines, no further locality data.

Acoridium glumaceum (Lindl.) Rolfe, *Orchid Rev.* 12 (1904) 220.

Borneo, Philippines.

LUZON: Ilocos Norte (route from Mt Bubonbilit to miner's camp; route from miner's camp to Mt Burnay), Ifugao (Mt Himi-o; Mt Polis), Mountain Province (Mt Data; Bauko; unspecified locality for Vanoverbergh 872), Benguet (Mt Pulogloco; Mt Simakoko; Mt Sinapsapan), Cagayan (Mt Cagua), Isabela (unspecified locality for Lyon 149), Nueva Vizcaya (unspecified locality for BS 20065 McGregor), Aurora, Bataan (Mt Mariveles, Lamao Forest Reserve, Lamao River; Limay), Pampanga (Mt Arayat), Rizal (Angilog; Antipolo; Bosoboso; Mt Irid; Mt Susong Dalaga; Mt Tokduanbaboy, unspecified localities for Loher 14597, 14645, 14653, 14722, BS 19204 Reillo), Laguna (Mt Makiling; Sta Maria), Quezon (Mt Cadig; Mt Malaiaga), Camarines Sur (Mt Iriga; Mt Isarog), MINDORO: Mindoro Oriental (Mt Halcon), Unspecified province for Vidal 1966,

CATANDUANES: Catanduanes (Sto Domingo River), PANAY: Capiz (Mt Bulilao), BILIRAN (Mt Suiro), LEYTE: Leyte (Jaro; Buenavista; Compagal & Masaganap near Jaro; unspecified locality for Wenzel *sn*), Southern Leyte (Cabalian), MINDANAO: Misamis Occidental (unspecified locality for PNH 12164 McVittie), Lanao del Sur (Camp Keithley along Lake Lanao; Sacred Mtn), Davao del Sur (Mt Apo; Mt McKinley), Davao Oriental (Mt Kampalili), Agusan del Norte (Mt Hilong-hilong). Identification uncertain: NEGROS: Negros Oriental (Cuernos Mtns, PNH 5421 & 5559 Edaño), MINDANAO: Davao Oriental (Mt Mansamuga). Epiphytic (occasionally lithophytic) in (usually mossy) forest, altitude (30-)500-2330m. Sometimes very common. Fl. Jan-Jun, Aug-Dec.

Dendrochilum graciliscapum (Ames) Pfitzer in Engl., Pflanzenreich iv. 50. ii. B. 7 (1907) 99, Fig. 38H; --HAE Pedersen et al., Opera Bot. 130 (1997) 36; --HAE Pedersen, *ibid.* 131 (1997) 126, Fig. 65B, 70. --Type: Copeland 1019 (PNH, holo, destroyed; iso: AMES*, K, US). Mindanao: Davao del Sur prov., trail to Mt Apo, altitude 1650m.

Dendrochilum cucullatum (Ames) Pfitzer in Engl., Pflanzenreich iv. 50. ii. B. 7 (1907) 98, Fig. 38 J; --Ames in Merr., EPFP 1 (1924) 293; --Acoridium *cucullatum* Ames, Proc. Biol. Soc. Wash. 19 (1906) 153. --Type: Copeland *sn* (PNH, holo, destroyed; iso: AMES*). Mindanao: Davao, Mt Apo, altitude 1800m, on mossy trees, 11 Apr 1904.

MINDANAO: Davao del Sur (Mt Apo: Todaya; Lake Linao; Mt McKinley), South Cotabato (Mt Matutum), Davao Oriental (Mt Kampalili). Epiphytic in mossy forests, altitude 1650-2465m. Fl. Mar-May, Jul, Sept-Nov.

Dendrochilum graminifolium (Ames) Pfitzer in Engl., Pflanzenreich iv. 50. ii. B. 7 (1907) 114, Fig. 38 Q, R; --HAE Pedersen et al., Opera Bot. 130 (1997) 18; --HAE Pedersen, *ibid.* 131 (1997) 73, Fig. 18E, 35; --Acoridium *graminifolium* Ames, Proc. Biol. Soc. Wash. 19 (1906) 144; --Ames in Merr., EPFP 1 (1924) 285.

--Type: Merrill 4764 (PNH, holo, destroyed; iso: AMES*, K). Luzon: Benguet prov., between Suyoc and Pauai, altitude 2000m, Oct-Nov 1905.

LUZON: Apayao (Mt Magnas; Mt Duraragan), Kalinga (trail to Balbalasang), Ifugao (Mt Pimmage; Mt Polis; Sumigar), Mountain Province (Mt Data; between Bontoc and Mt Polis), Benguet (Pauai; between Suyoc and Pauai; Mt Pulag), Batangas (Mt Makulot, near Cuenca, identification uncertain for MG Price 593). Forests (usually mossy), altitude 700-2350 (-2450?) m. Fl. Mar, Oct-Jan.

Dendrochilum hastatum Ames, PJS 2 c (1907) Bot. 317, *nomen*; Orchidaceae 2 (1908) 99, text cut; --HAE Pedersen et al., Opera Bot. 130 (1997) 36; --HAE Pedersen, *ibid.* 131 (1997) 123, Fig. 67. --Type: Merrill 5759 (AMES*, lecto, designated by LO Williams, PJS 80 (1951) 333; iso: BO, K, SING*, US*). Mindoro: Mindoro Oriental prov., Mt Halcon, 15 Nov 1906.

Acoridium hastatum (Ames) Ames, Orchidaceae 7 (1922) 80; --Ames in Merr., EPFP 1 (1924) 285.

MINDORO: Mindoro Oriental (Mt Halcon), PANAY: Antique (Mt Madia-as). Collection with uncertain identification from LUZON: Mountain Province (unspecified locality, for Tixier 130/65, *pro parte*). Terrestrial and epiphytic on bases of trees in ridge forests, altitude 1440-2050m. Fl. Apr, Jun, Nov.

Dendrochilum hutchinsonianum, PJS 2 c (1907) Bot. 317, *nomen*; Orch. 2 (1908) 96, text cut; --HAE Pedersen et al., Opera Bot. 130 (1997) 23; --HAE Pedersen, *ibid.* 131 (1997) 102, Fig. 53. --Type: Merrill 5813 (PNH, holo, destroyed; iso: AMES*, K, US*). Mindoro: Mindoro Oriental prov., Mt Halcon, altitude 2660m, 20 Nov 1906.

Acoridium hutchinsonianum (Ames) Ames, Orchidaceae 7 (1922) 81 (sphalm.: "hutchinsonii"); --Ames in Merr., EPFP 1 (1924) 286.

MINDORO: Mindoro Oriental (Mt Halcon). Exposed ridge in dense mossy thickets, terrestrial as well as epiphytic, altitude 2660m. Fl. Nov. Known only from the type collection.

Dendrochilum insectiforme HAE Pedersen, **ined.?**
(endemic)

Dendrochilum irigense Ames, Orchidaceae 5 (1915) 58; --Hae Pedersen et al., Opera Bot. 130 (1997) 23; --Hae Pedersen, *ibid.* 131 (1997) 106, Fig. 57. --Type: F Santos *sn* (AMES*, lecto, designated by LO Williams, PJS 80 (1951) 328; iso: BM, BO, K, GH*, NY*, P, SING*, US*, W; drawing at GH*). Luzon: Camarines Sur prov., Mt Iriga, Dec 1913.

Acoridium irigense (Ames) Ames, Orchidaceae 7 (1922) 81; --Ames in Merr., EPFP 1 (1924) 286.

LUZON: Laguna (Mt Makiling), Camarines Sur (Mt Iriga; Mt Isarog). Collection with uncertain identification by Pedersen: Loher 15128 from Rizal prov. (no specific locality). Epiphytic, altitude 500-1665m. Fl. Nov, Dec.

Dendrochilum javierense Magrath, Bulmer & I Shafer, Lindleyana 4 (1989) 135 ('javieriense'); --Hae Pedersen et al., Opera Bot. 130 (1997) 18; --Hae Pedersen, *ibid.* 131 (1997) 84, Fig. 42; Pl. IID; --Cootes, Orch. Philip. (2001) 100, as 'D. javieri' --Type: Magrath 17372 (OCLA, holo; iso: BRIT, MO, SEL). Luzon: Nueva Vizcaya prov., Dalton Pass, altitude 1830-2440ft, erroneously indicated in meters [=558-744m].

LUZON: Nueva Vizcaya (Dalton Pass). Epiphytic on moss-covered tree branches where it was receiving 10-30% sunlight. Fl. Nov. Known only from the type collection.

Dendrochilum kingii (Hook.f.) JJ Sm., Recueil Trav. Bot. Néerl. 1 (1904) 76; --Hae Pedersen et al., Opera Bot. 130 (1997) 41; --Hae Pedersen, *ibid.* 131 (1997) 142, Fig. 82; --Platyclinis kingii Hook.f., Fl. Brit. India 5 (1890) 708. --Type from Peninsular Malaysia, Perak.

Dendrochilum palawanense Ames, Orchidaceae 2 (1908) 103, text cut; --Ames in Merr., EPFP 1 (1924) 295. --Type: BS 553 Foxworthy (AMES*, holo; iso K). Palawan: Palawan prov., Puerto Princesa, Mt Pulgar [=Thumb Peak], in mossy scrub, altitude 1250m, 2 Mar 1906.

Peninsular Malaysia (Perak), Borneo (Sarawak; Kalimantan), Philippines.

PALAWAN: Mt Pulgar (=Thumb Peak), Mt Mantalingahan. Epiphytic in mossy scrub, altitude 1250-1885m. Fl. Mar-May.

Dendrochilum latifolium Lindl., Bot. Reg. 29 (1843) Misc. 56; --Ames in Merr., EPFP 1 (1924) 294; --Hae Pedersen et al., Opera Bot. 130 (1997) 50-51; --Hae Pedersen, *ibid.* 131 (1997) 157, Fig. 83D-E, 91, Pl. VC; --Type: Collector unknown [cult. Loddiges *sn*] (K-Herb. Lindl., holo). Philippines, no further locality data.

Platyclinis latifolia (Lindl.) Hemsl., Gdnrs' Chron. 2, 16 (1881) 656.

Acoridium latifolium (Lindl.) Rolfe, Orchid Rev. 12 (1904) 220.

var. latifolium

LUZON: Bataan (Lamao Forest Reserve; Mt Mariveles; Lamao River; Mt Bataan), Pampanga (Mt Arayat), Quezon (Mt Binuang), Camarines Sur (Mt Isarog, FB 11356 Curran, identification to variety uncertain), CATANDUANES (unspecified locality for FB 78884 Quisumbing),; province unknown "Luzon Central" for Loher 472; MINDANAO: South Cotabato (Tasaday Forest). Epiphytic, altitude 300-1665m. Fl. (Jan?-)Feb-Jun; Jul/or Aug. A cultivated plant recorded to flower in Nov.

var. macranthum (Schltr.) Hae Pedersen, Opera Bot. 130 (1997) 51; *ibid.* 131 (1997) 159, Fig. 83E, Pl. VC; --Cootes, Orch. Philip. (2001) 101; --*Dendrochilum macranthum* Schltr., Repert. Spec. Nov. Regni Veg. 9 (1911) 163, *nom. illeg., non* (Ridl.) JJ Sm. --Type: Micholitz? [cult. Sander *sn*] (B, holo, destroyed). Philippines, without locality.

Dendrochilum serratum LO Williams, Bot. Mus. Leaf. 5 (1937) 51, *nom. illeg.*

Dendrochilum cagayanense Ames, PJS 6 c (1911) Bot. 41; Ames in Merr., EPFP 1 (1924) 292. --Type: FB 16722 Curran (AMES*, holo; iso: US*). Luzon: Cagayan prov., no further locality data, Mar 1909.

LUZON: Kalinga (Balbalan), Cagayan (unspecified locality for the type of *D. cagayanense*), Aurora (Mt Camatis), Rizal (near Antipolo; Montalban; Batingtingan; Mt Irid; Mt Lumutan; unspecified locality for Loher 14571), Laguna (San Antonio), PANAY: Antique (Culasi; Mt Madia-as), NEGROS: Negros Occidental (Mt Kanlaon), Negros Oriental (Cuernos Mtns), LEYTE: Leyte (Dagami; Jaro). Epiphytic in (often mossy) forest, altitude 370-1630m. Fl. Mar-Sept (-Oct?). A cultivated plant recorded to flower in Nov.

Dendrochilum loheri Ames, Orchidaceae 3 (1908) 12, t. 27, Fig. 1, A; --Hae Pedersen et al., Opera Bot. 130 (1997) 18; --Hae Pedersen, *ibid.* 131 (1997) 61, Fig. 27. --Type: Loher 461A (US*, holo; iso: AMES*, P). Luzon: Mountain Province, Mt Data.

Acoridium loheri (Ames) Ames, *Orchidaceae* 7 (1922) 81; --Ames in Merr., *EPFP* 1 (1924) 286.

LUZON: Mountain Province (Mt Data), Benguet (Baguio; Mt Sto Tomas). Altitude 1600-c. 2100m. Habitat preference not known. Fl. Feb & May.

Dendrochilum longibulbum Ames, *PJS* 7 c (1912) Bot. 26; --Hae Pedersen et al., *Opera Bot.* 130 (1997) 23; --Hae Pedersen, *ibid.* 131 (1997) 112, Fig. 60, Pl. IIID; --Cootes, *Orch. Philip.* (2001) 101. --Type: Vanoverbergh 782 (AMES*, holo; iso: NY*). Luzon: Mountain Province, no definite locality, 23 Aug 1910.

Acoridium longibulbum (Ames) Ames, *Orchidaceae* 7 (1922) 81; --Ames in Merr., *EPFP* 1 (1924) 286.

Acoridium lucbanense (Ames) Ames, *Orchidaceae* 7 (1922) 81; --Ames in Merr., *EPFP* 1 (1924) 286; --*Dendrochilum lucbanense* Ames, *LPB* 5 (1912) 1559. --Type: Elmer 7571 (AMES*, holo; iso: AMES*, BM, C, HBG, K, L*, NY* 2 sheets, P, PNH, US*). Luzon: Quezon prov., Lucban, May 1907.

LUZON: Mountain Province (Bauko; Mt Data), Benguet, Ifugao (Mt Pimmage; Mt Polis; Sumigar; Mt Himi-o), Rizal (Loher 14619, no definite locality), Laguna (Mt Banahaw), Quezon (Lucban), Albay (Mayon Volcano, uncertain identification for PNH 18494 Edaño), Sorsogon (collections with uncertain species identification), NEGROS: Negros Occidental (Mt Kanlaon, uncertain identification for PNH 21744 Edaño). Epiphytic in (usually mossy) forest, altitude 665-2600m. Fl. Jan, Feb, May, Jul (?), Aug-Oct.

Dendrochilum longifolium Reichb.f., *Bonplandia* 4 (1856) 329; --Hae Pedersen et al., *Opera Bot.* 130 (1997) 51-52; --Hae Pedersen, *ibid.* 131 (1997) 155, Fig. 90, Pl. VB; --Cootes, *Orch. Philip.* (2001) 102.

Acoridium longifolium (Reichb.f.) Rolfe, *Orchid Rev.* 12 (1904) 220.

Dendrochilum clemensiae Ames, *Orchidaceae* 2 (1908) 109, text cut; --Ames in Merr., *EPFP* 1 (1924) 292. --Type: MS Clemens 642 (PNH, holo, destroyed; photo of the holotype, together with syntype, MS Clemens sn, in AMES*). Mindanao: Lanao del Sur prov., Camp Keithley, along Lake Lanao, Jul 1906.

Burma, Peninsular Malaysia, Singapore, Java, Borneo, Philippines, Sulawesi, Moluccas, New Guinea.

MINDANAO: Lanao del Sur (Camp Keithley), altitude c. 700m. Fl. May, July, Sept-Oct.

Specimens of uncertain species identification from LUZON (unspecified locality, Tixier 133/65). Philippine habitat preferences of this species not known.

Dendrochilum longilabre (Ames) Pfitzer in Engl., *Pflanzenreich* iv. 50. ii. B. 7 (1907) 99, Fig. 38 K; --Ames in Merr., *EPFP* 1 (1924) 294; --*Acoridium longilabre* Ames, *Proc. Biol. Soc. Wash.* 19 (1906) 152; --Hae Pedersen et al., *Opera Bot.* 130 (1997) 42; --Hae Pedersen, *ibid.* 131 (1997) 139, Fig. 80. --Type: Copeland 1025 (PNH, holo; destroyed; iso: AMES*, K). Mindanao: Davao del Sur prov., Mt Apo, solitary or clustered on mossy trees, altitude 5600m [=1707m], 19 Apr 1904.

MINDANAO: Bukidnon (Mt Kitanglad), Davao del Sur (Mt Apo; Mt McKinley). Epiphytic in mossy forest, altitude 1700-2300(-2500)m. Fl. Mar, Apr, May(?), Aug.

Dendrochilum louisianum Hae Pedersen, *Nordic J. Bot.* 15 (1996) 384; --Hae Pedersen et al., *Opera Bot.*

130 (1997) 18; --Hae Pedersen, *ibid.* 131 (1997) 78, Fig. 38. --Type: BS 78670 Edaño (AMES*, holo; iso: AMES*, NY*). Luzon: Cagayan prov., Mt Balatongan summit, epiphytic, altitude c. 800m, 11 Nov 1929.

LUZON: Cagayan (Mt Balatongan). Known from two collections from the type locality. Fl. Nov.

Dendrochilum luzonense Ames, *Orchidaceae* 2 (1908) 121, text cut; --Hae Pedersen et al., *Opera Bot.* 130 (1997) 18; --Hae Pedersen, *ibid.* 131 (1997) 81, Fig. 40. --Type: FB 5735 Klemme (AMES*, holo; iso: K). Luzon: Kalinga prov., trail to Balbalasang, altitude 1600m, 19 Nov 1906.

Acoridium luzonense (Ames) Ames, *Orchidaceae* 7 (1922) 81; --Ames in Merr., *EPFP* 1 (1924) 286.

LUZON: Ilocos Norte (Mt Burnay), Apayao (Mt Sulu, identification not certain for BS 28377 Fenix), Kalinga (trail to Balbalasang), Benguet (Mt Pangualitikai; Mt Pulag), Ifugao (Mt Polis). Mossy forests, altitude 1600-2600 (-2700?)m. Fl. Feb, Oct-Dec.

Dendrochilum macgregorii Ames, *PJS* 6 c (1911) Bot. 42; --Hae Pedersen et al., *Opera Bot.* 130 (1997) 18; --Hae Pedersen, *ibid.* 131 (1997) 56, Fig. 23. --Type: BS 8849 McGregor (AMES*, holo; iso: BO, K, US*).

Luzon: Benguet prov., Mt Pulog [=Pulag], 4 Jul 1909.

Acoridium macgregorii (Ames) Ames, *Orchidaceae* 7 (1922) 81; --Ames in Merr., *EPFP* 1 (1924) 286.

LUZON: Benguet (Mt Pulag). High montane mossy oak forest, epiphytic, altitude reportedly at c. 2900m (although alpine grasslands cover this mountain from c. 2650m upwards). Fl. Jul. Only known from two collections at the type locality.

Dendrochilum magnum Reichb.f. in Walp., *Ann. Bot. Syst.* 6 (1861) 240; --Ames in Merr., *EPFP* 1 (1924) 294; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 53; --HAe Pedersen, *ibid.* 131 (1997) 160, Fig. 92.

–Type: Cumung sn (K-Herb. Lindl., holo; drawing in W-Herb. Reichb.f. 49016). Philippines. No locality data.

Acoridium magnum (Reichb.f.) Rolfe, *Orchid Rev.* 12 (1904) 220.

LUZON: Camarines Sur (Mt Isarog), MINDORO: Mindoro Oriental (Mt Dulangan; Mt Ilong; Mt Halcon), PANAY: Antique (near Culasi; Mt Madia-as), NEGROS: Negros Occidental (Mt Malbug), Negros Oriental (Cuernos Mtns; Dumaguete), MINDANAO: Davao del Sur (Mt Apo). Materials with uncertain species identification: LUZON: Sorsogon (Price 386), NEGROS: Negros Occidental (Mt Silay; Dungca near Cauayan). Epiphytic (rarely terrestrial) in (often mossy) forest, altitude (?500-)665-1995m. Fl. Feb, Apr-Jul, Sept(?), Nov.

Dendrochilum maleolens Kraenzl., *Orchis* 2 (1908) 63; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 23; --HAe Pedersen, *ibid.* 131 (1997) 116. –Type: Loher sn (not located by Pedersen). Luzon: Rizal prov., no further locality data.

Acoridium maleolens (Kraenzl.) Ames, *Orchidaceae* 7 (1922) 81; --Ames in Merr., *EPFP* 1 (1924) 286.

LUZON: Rizal (uncertain locality). Habitat preferences and altitudinal range not known. Fl. Jan.

Dendrochilum malindangense Ames, *Orchidaceae* 2 (1908) 114, text cut; --Ames in Merr., *EPFP* 1 (1924) 295; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 53; --HAe Pedersen, *ibid.* 131 (1997) 174, Fig. 100.

–Type: FB 4597 Mearns & Hutchinson (AMES, holo; iso: K, NY, US). Mindanao: Misamis Occidental prov., Mt Malindang, altitude 1130m. Habitat type not known.

MINDANAO: Misamis Occidental (Mt Malindang). Fl. May. Probably known only from the type collection. Valmayor's cited occurrence from 'Zamboanga (Dapitan)' probably refers unintentionally to the type collection from Mt Malindang (fide Pedersen, 1997).

Dendrochilum marginatum (Ames) LO Williams, *PJS* 80 (1952) 318; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 18-19; --HAe Pedersen, *ibid.* 131 (1997) 50, Fig. 20; --*Acoridium marginatum* Ames, *Sched. Orch.* 6 (1923) 23, Fig. 5; --Ames in Merr., *EPFP* 1 (1924) 287. –Type: M Ramos sn (AMES*, holo). Luzon: Rizal pov., Mt Irid [=Irid], altitude 1495m, on tree near summit, 19 Apr 1922.

LUZON: Rizal (Mt Irid). Epiphyte on summit. Known only from the type collection.

Dendrochilum mearnsii Ames, *Orchidaceae* 2 (1908) 116, text cut; --Ames in Merr., *EPFP* 1 (1924) 295; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 37; --HAe Pedersen, *ibid.* 131 (1997) 128, Fig. 71. –Type: FB 4605 Mearns & Hutchinson (AMES*, holo; iso: K). Mindanao: Misamis Occidental prov., Mt Malindang, altitude 2425m, May 1906.

NEGROS: Negros Oriental (Cuernos Mtns: Mt Talinis), CAMIGUIN (unspecified locality for BS 14426 Ramos), MINDANAO: Misamis Occidental (Mt Malindang), Bukidnon (Mt Lipa), Agusan del Norte (Mt Hilong-hilong). Epiphytic in mossy forests, altitude 1350-2425m. Fl. Mar-May, Jul.

Dendrochilum merrillii (Ames) Pfitzer in Engl., *Pflanzenreich* iv. 50. ii. B. 7 (1907) 119, Fig. 38 A, B; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 37; --HAe Pedersen, *ibid.* 131 (1997) 146, Fig. 85; --*Acoridium merrillii* Ames, *Proc. Biol. Soc. Wash.* 19 (1906) 151; --Ames in Merr., *EPFP* 1 (1924) 287. –Type: Merrill 4585 (PNH, holo, destroyed; iso: AMES*, K). Luzon: Mountain Province, Mt Data, Nov 1905.

LUZON: Mountain Province (Mt Data), Benguet (Pauai). Epiphytic, altitude 2100-2545m. Fl. Jun, Aug-Oct.

Dendrochilum microchilum (Schltr.) Ames, *Orchidaceae* 2 (1908) 87; --HAe Pedersen et al., *Opera Bot.* 130 (1997) 19; --HAe Pedersen, *ibid.* 131 (1997) 66, Fig. 18B, 30; --Cootes, *Orch. Philip.* (2001) 102; --*Acoridium microchilum* (Schltr.) Ames, *Orchidaceae* 7 (1922) 81; --Ames in Merr., *EPFP* 1 (1924) 287; --*Platyclinis microchila* Schltr., *Bull. Herb. Boissier*, II, 6 (1906) 302. –Type: Schlechter sn, cult. (B, holo, destroyed; drawing at K, all the above cited by Pedersen, 1997: 66). Philippines, no further locality data

cited.

Dendrochilum tenue (Ames) Pfitzer in Engl., *Pflanzenreich* iv. 50. ii. B. 7 (1907) 116, Fig. 38 M; --*Acoridium tenue* Ames, *Proc. Biol. Soc. Wash.* 19 (1906) 145; --Ames in Merr., *EPFP* 1 (1924) 290. --Type: Copeland 1019a (PNH, holo, destroyed; iso: AMES*, K, all cited by Pedersen, 1997: 66; an unnumbered Copeland specimen, US barcode # 00344424, dated April 1904 from Mt Apo is possibly an isotype). Mindanao: Davao del Sur prov., Mt Apo, epiphytic on mossy trees, altitude 5400ft, 19 Apr 1904.

LUZON: Mountain Province (Bauko), Benguet (Mt Pulag), Ifugao (Mt Himi-o; Mt Pimmage; Mt Polis; Sumigar), Bataan (Mt Mariveles, Lamao River), Rizal (most likely in one of the classical Loher collection sites in the Sierra Madre), Camarines Sur (Mt Isarog; Panagan River), MINDORO: Mindoro Oriental (Mt Halcon), PANAY: Antique, NEGROS: Negros Occidental (Mt Kanlaon, identification uncertain for PNH 21744, p.p.; Mt Malbug), Negros Oriental (Cuernos Mtns), LEYTE: Leyte (Buenavista and Masaganap near Jaro; Lake Danao; above identifications uncertain; Mt Janagdan; Mt Mamban), SAMAR: Western Samar (Mt Sohoton, identification uncertain for PNH 118063 Gutierrez et al.), CAMIGUIN, MINDANAO: Misamis Occidental (Mt Malindang), Bukidnon (Mt Lipa; vicinity of Tangcunan), Davao (Mt Apo; Mt McKinley, identification uncertain for PNH 1243 & 1268 Edaño). Usually in oak-dominated and ericaceous mossy forests, sometimes with dense *Pandanus* thickets, altitude 500-2830m, epiphytic. Fl. throughout the year (except in Aug?). According to Pedersen (1997: 68), records from Taiwan by Ying is possibly due to confounding with *D. uncatum* which is very well-known there.

Dendrochilum mindanaense (Ames) LO Williams, *PJS* 80 (1952) 309; --HAE Pedersen et al., *Opera Bot.*

130 (1997) 19; --HAE Pedersen, *ibid.* 131 (1997) 70, Fig. 33; --*Acoridium mindanaense* Ames, *Sched. Orchid.* 6 (1923) 25, Fig. 6, *pro parte*; --Ames in Merr., *EPFP* 1 (1924) 287. --Type: Elmer 14095 (AMES*, holo; iso: AMES*, BM, BO, K, L*, NY*, US*). Mindanao: Agusan del Norte prov., Cabadbaran, Mt Urdaneta [=Mt Hilong-hilong], Aug 1912.

MINDANAO: Agusan del Norte (Mt Hilong-hilong). Habitat preference and altitudinal range not known. Fl. Oct. Only known from the type collection.

Dendrochilum mindorense Ames, *PJS* 2 c (1907) Bot. 317, *nomen*; *Orchidaceae* 2 (1908) 91, text cut; --HAE Pedersen et al., *Opera Bot.* 130 (1997) 23-24; --HAE Pedersen, *ibid.* 131 (1997) 104, Fig. 55. --Type: Merrill 5795 (AMES*, lecto, designated by LO Williams, *PJS* 80 (1951) 324; iso: K, SING*, US*). Mindoro: Mindoro Oriental prov., Mt Halcon, Nov 1906.

Acoridium mindorense (Ames) Ames, *Orchidaceae* 7 (1922) 81; --Ames in Merr., *EPFP* 1 (1924) 287.

MINDORO: Mindoro Oriental (Mt Halcon; also Mt Ilong, PNH 5428 Edaño, with uncertain identification by Pedersen). Habitat preference not known, altitude 860-1995m. Fl. Nov.

Dendrochilum niveum Ames, *Orchidaceae* 6 (1920) 284; --Ames in Merr., *EPFP* 1 (1924) 295; --HAE Pedersen et al., *Opera Bot.* 130 (1997) 54; --HAE Pedersen, *ibid.* 131 (1997) 153, Fig. 88. --Type: Boettcher *sn*, *pro parte* (AMES*, holo; iso: K). Luzon: Kalinga prov., Balbalan, altitude 1000m, 9 Mar 1918.

LUZON: Kalinga (Balbalan), Rizal (Mt Susong Dalaga). Epiphytic at c. 1000m. Fl. Mar. (a cultivated specimen in Dec).

Dendrochilum ocellatum (Ames) Pfitzer in Engl., *Pflanzenreich* iv. 50. ii. B. 7 (1907) 117, Fig. 38 C; --HAE Pedersen et al., *Opera Bot.* 130 (1997) 19; --HAE Pedersen, *ibid.* 131 (1997) 57, Fig. 25; --*Acoridium ocellatum* Ames, *Proc. Biol. Soc. Wash.* 19 (1906) 151; --Ames in Merr., *EPFP* 1 (1924) 287. --Type: Merrill 4481a (PNH, holo, destroyed; iso: AMES*). Luzon: Mountain Province, Mt Data, altitude 2150m, 29 Oct 1905.

LUZON: Mountain Province (Mt Data), Benguet (Lusod, near Benguet-Ifugao-Nueva Vizcaya provincial borders). Habitat type not known. Fl. Oct.

Dendrochilum oliganthum (Ames) Pfitzer in Engl., *Pflanzenreich* iv. 50. ii. B. 7 (1907) 117, Fig. 38E; --HAE Pedersen et al., *Opera Bot.* 130 (1997) 19; --HAE Pedersen, *ibid.* 131 (1997) 57, Fig. 24; --*Acoridium oliganthum* Ames, *Proc. Biol. Soc. Wash.* 19 (1906) 150; --Ames in Merr., *EPFP* 1 (1924) 287. --Type: Merrill 4481 (PNH, holo, destroyed; iso: AMES*). Luzon: Mountain Province, Mt Data, altitude 2150m, 29 Oct 1905.

LUZON: Mountain Province (Mt Data; Mt Sinapsapan). Habitat type not known, altitude 1890-

2150m. Fl. Oct.

Dendrochilum oreophilum (Ames) LO Williams, PJS 80 (1952) 317; --Hae Pedersen et al., Opera Bot. 130 (1997) 24; --Hae Pedersen, *ibid.* 131 (1997) 90, Fig. 46; --Acoridium oreophilum Ames, Blumea, Suppl. 1 (1937) 71. --Type: Loher 15042 (AMES*, holo; iso: AMES*, PNH, destroyed. Luzon: Rizal prov., no further locality data. Date of collection not known.

LUZON: Rizal (no further locality data). Nothing is known about the habitat preferences, altitudinal range, or flowering season of this species.

Dendrochilum pallidiflavens Blume, Bijdr. (1825) 399; --Hae Pedersen et al., Opera Bot. 130 (1997) 28-29; --Hae Pedersen, *ibid.* 131 (1997) 179, Fig. 104; Pl. VIID; --Cootes, Orch. Philip. (2001) 103. --Type from Java.

Dendrochilum weberi Ames, PJS 8 c (1913) Bot. 410; --Ames in Merr., EPFP 1 (1924) 296. --Type: Weber 59 (AMES, holo; iso in K). Mindanao: Agusan del Norte prov., Cabadbaran River.

Burma, Thailand, Sumatra, W Peninsular Malaysia (Perak; Penang), Java, Lesser Sunda Isls, Borneo, Philippines.

SAMAR: Western Samar (Mt Sohoton), TAWI-TAWI, JOLO (Mt Dajo), BASILAN, MINDANAO: Zamboanga del Norte (Lipay), Agusan del Norte (Cabadbaran River; Tungao near Butuan), Surigao del Sur. Lowland forests (including mangroves) up to altitude 610m, epiphytic (occasionally lithophytic). Fl. Mar, Jul, Aug, Sept; in a cultivated specimen in May.

Dendrochilum pangasinense Ames, Sched. Orchid. 6 (1923) 29; --Ames in Merr., EPFP 1 (1924) 295; --Hae Pedersen et al., Opera Bot. 130 (1997) 54-55; --Hae Pedersen, *ibid.* 131 (1997) 168, Fig. 96. --Type: BS 8286 Ramos (AMES*, holo). Luzon: Pangasinan prov., no further locality data, May 1909.

LUZON: Pangasinan. Habitat preferences and altitude range not known. Fl. May. Known only from the type collection.

Dendrochilum parvipapillatum Hae Pedersen, Nordic J. Bot. 15 (1996) 386, Fig. 2-B, 6; --Hae Pedersen et al., Opera Bot. 130 (1997) 55; --Hae Pedersen, *ibid.* 131 (1997) 166, Fig. 94. --Type: BS 32401 RC McGregor (AMES*, holo). Panay : Antique prov., no further locality data, mossy forest, altitude 1000m, May-Aug 1918.

SIBUYAN (Mt Giting-giting), PANAY: Antique (Mt Madia-as), Capiz (Mt Salibongbong). Mossy forests, altitude 665-1030m, epiphytic. Fl. Apr-Jun.

Dendrochilum parvulum (Ames) Pfitzer in Engl., Pflanzenreich iv. 50. ii. B. 7 (1907) 116, Fig. 38 N; --Hae Pedersen et al., Opera Bot. 130 (1997) 19; --Hae Pedersen, *ibid.* 131 (1997) 63, Fig. 18C, 28A-F, H-J; Pl. IC;

--Cootes, Orch. Philip. (2001) 104; --Acoridium parvulum Ames, Proc. Biol. Soc. Wash. 19 (1906) 146; --Ames in Merr., EPFP 1 (1924) 288. --Type: Merrill 317b (PNH, holo, destroyed; iso: AMES*, US*). Luzon: Bataan prov., Mt Mariveles, Lamao River, Oct 1903.

Dendrochilum venustum (Ames) Pfitzer In Engler, Pflanzenreich IV 50 II B 7 (1907) 116, Fig. 38U; --Acoridium venustum Ames, Proc. Biol. Soc. Wash. 19 (1906) 147. --Type: Elmer 6273 (PNH, holo, destroyed; iso: AMES*, K, US*). Luzon: Benguet prov., Mt Sto Tomas, May 1904.

var. parvulum

LUZON: Apayao (Mt Sulu), Mountain Province, Benguet (Pauai; Bokod; Mt Sinapsapan; Mt Sto Tomas; road Pauai to Mt Data), Ifugao (Mt Himi-o; Mt Pimmage; Mt Polis; Sumigar), Cagayan (Mt Balatongan; Mt Cagua), Nueva Vizcaya, Aurora (Mt Camatis), Bataan (Mt Mariveles, Lamao River), Rizal (Mt Lumutan), Laguna (Mt Banahaw), Quezon (Lucban). Usually in (mossy) forests, also on solitary trees in open areas, altitude between (200-) 1400 and 2500m. Fl. Mar-Jul, Oct-Jan.

var. strictiforme (Ames) Hae Pedersen, Opera Bot. 130 (1997) 20; *ibid.* 131 (1997) 64, Fig. 28-G; --*Dendrochilum strictiforme* (Ames) Pfitzer in Engl., Pflanzenreich IV. 50. II. B. 7 (1907) 116, Fig. 38 L; --*Acoridium strictiforme* Ames, Proc. Biol. Soc. Wash. 19 (1906) 147; --Ames in Merr., EPFP 1 (1924) 290. --Type: Merrill 4854 (PNH, holo, destroyed; iso: AMES*, K). Luzon: Benguet prov., between Suyoc and Pauai, altitude 2000m, Oct-Nov 1905.

LUZON: Benguet (Pauai; Mt Pulag; Mt Pulogloco; Mt Sinapsapan; between Suyoc & Pauai), Ifugao (Mt Himi-o; Mt Pimmage; Mt Polis). Mossy forests between (?1700-) 1995 and 2150m. Fl. Jun-Oct, ?Nov, Dec-Jan.

Dendrochilum perplexum (Ames) LO Williams, PJS 80 (1951) 299; --H Ae Pedersen et al., Opera Bot. 130 (1997) 20; --H Ae Pedersen, *ibid.* 131 (1997) 75, Fig. 36 A-F, H-J; --Acoridium perplexum Ames, Orchidaceae 7 (1922) 142; --Ames in Merr., EPFP 1 (1924) 288. --Type: Ramos & Edaño 55 (AMES*, holo; iso: AMES*, BM, K, NY*, P, SING*, US*, W). Luzon: Benguet prov., Mt Sinapsapan, mossy forest, altitude 1830m, 13 Oct 1921.

var. perplexum

LUZON: Benguet (Mt Sinapsapan), Ifugao (Mt Himi-o). Epiphyte in the mossy forest, altitude (? 1700-) 1830 (-2080?)m. Fl. Apr & (?Sept-) Oct.

var. montanum (Ames) H Ae Pedersen, Opera Bot. 130 (1997) 20; Fig. 36-G; --H Ae Pedersen, *ibid.* 131 (1997) 75, Fig. 36-G; --Acoridium montanum Ames, Sched. Orchid. 5 (1923) 1; --Ames in Merr., EPFP 1 (1924) 287; --Acoridium linearifolium Ames, Orchidaceae 7 (1922) 141, nom. illeg., *non* (Hook.f.) Rolfe. --Type: Ramos & Edaño 56 (AMES*, holo; iso: AMES*, BM, K, NY*, P, SING*, US*, W). Luzon: Benguet prov., Mt Boadan, on trees in mossy forest, altitude 1830m, 26 Sept 1921.

LUZON: Benguet (Mt Boadan; Mt Pauai). Epiphyte in mossy forests, altitude 1830-2450m. Fl. Sept.

Dendrochilum philippinense (Ames) Pfitzer in Engl., Pflanzenreich iv. 50. ii. B. 7 (1907) 118, Fig. 38 F; --H Ae Pedersen et al., Opera Bot. 130 (1997) 20; --H Ae Pedersen, *ibid.* 131 (1997) 53, Fig. 18A, 21A-F, H-J; --Acoridium philippinense Ames, Proc. Biol. Soc. Wash. 19 (1906) 149; --Ames in Merr., EPFP 1 (1924) 288. --Type: Merrill 4757 (PNH, holo, destroyed; iso: AMES*, K, NY*, US*). Luzon: Benguet prov., between Suyoc and Pauai, altitude 2000m, 7 Nov 1905.

var. philippinense

LUZON: Ilocos Norte (Mt Burnay), Kalinga (trail to Balbalasang), Ifugao (Mt Polis), Mountain Province, Benguet (Mt Tabayoc, Mt Boadan; Mt Simakoko; between Suyoc and Pauai). Mossy forests, altitude 1600-2540m, epiphytic. Fl. Sept-Feb.

var. purpureum (Ames) H Ae Pedersen, Opera Bot. 130 (1997) 20; *ibid.* 131 (1997) 53, Fig. 21G; --Acoridium purpureum (Ames) Ames, Orchidaceae 7 (1922) 81; --Ames in Merr., EPFP 1 (1924) 288; --Dendrochilum purpureum Ames, Orchidaceae 6 (1920) 286. --Type: Boettcher sn (AMES*, holo; iso: BM, BO, K, NY*, P, SING*, US*, W). Luzon: Apayao prov., Mt Pasoan, altitude 2000m, Jan 1918.

LUZON: Apayao (Mt Pasoan). Only known from the type collection.

Dendrochilum philippinense subsp. *purpureum* (Ames) W Suarez (endemic)

Dendrochilum plocoglottoides H Ae Pedersen, Nordic J. Bot. 15 (1996) 387; --H Ae Pedersen et al., Opera Bot. 130 (1997) 59; --H Ae Pedersen, *ibid.* 131 (1997) 141, Fig. 78A, 81. --Type: K Iwatsuki, G Murata & HG Gutierrez P-874 (L*, holo; iso: KYO). Luzon: Ilocos Norte prov., Mt Burnay, in mossy forest, altitude 1800-2000m, 4 Dec 1975.

LUZON: Ilocos Norte (Mt Burnay). Known only from the type collection. Fl. Dec.

Dendrochilum prodigiosum Ames, Orchidaceae 7 (1922) 98; --Ames in Merr., EPFP 1 (1924) 295; --H Ae Pedersen et al., Opera Bot. 130 (1997) 38; --H Ae Pedersen, *ibid.* 131 (1997) 136, Fig. 65A, 77. --Type: BS 38521 Ramos & Edaño (AMES, holo). Mindanao: Bukidnon prov., Mt Lipa, epiphytic in mossy forest, altitude 6500ft [=1981m], 13 Jul 1920.

MINDANAO: Bukidnon (Mt Lipa). Epiphytic in mossy forest at c. 2000m. Apparently known only from the type collection, collected in flower in Jul.

Dendrochilum propinquum Ames, Orchidaceae 6 (1920) 285; --Ames in Merr., EPFP 1 (1924) 295; --H Ae Pedersen et al., Opera Bot. 130 (1997) 38; --H Ae Pedersen, *ibid.* 131 (1997) 133, Fig. 74. --Type: Wenzel 805 (AMES*, holo; iso: K). Leyte: Leyte prov., Masaganap near Jaro, epiphyte in forest, altitude 700m, 27 Dec 1919.

LEYTE: Leyte (Jaro; Masaganap and Buenavista near Jaro). Specimens with uncertain species

identifications from LUZON: Albay (Mayon Volcano; Mt Malinao), BILIRAN (Mt Suiro). Epiphytic in forests, altitude 500-700(-900?)m. Fl. Feb, Mar, Dec.

Dendrochilum pulcherrimum (Ames) LO Williams, PJS 80 (1952) 311; --Hae Pedersen et al., Opera Bot. 130 (1997) 26; --Hae Pedersen, *ibid.* 131 (1997) 44, Fig. 17; Pl. IA; --Cootes, Orch. Philip. (2001) 104; --Acoridium pulcherrimum Ames, Orchidaceae 7 (1922) 144; --Ames in Merr., EPFP 1 (1924) 288. --Type: Ramos & Edaño 45 (AMES*, holo; iso: BM, K, NY*, US*, W*). Luzon: Benguet prov., Mt Natoo, altitude 1750m, 30 Sept 1921.

LUZON: Ifugao (Mt Polis), Mountain Province, Benguet (Mt Natoo), Nueva Vizcaya, Nueva Ecija. Mossy forest, altitude c. 1200-1830m, epiphytic, often in well-lit sites. Fl. Feb, Sept.

Dendrochilum pulogense Ames, PJS 4 c (1909) Bot. 594; --Hae Pedersen et al., Opera Bot. 130 (1997) 20; --Hae Pedersen, *ibid.* 131 (1997) 59, Fig. 26. --Type: FB 16347 Curran, Merritt & Zschokke (AMES*, holo). Luzon: Benguet prov., Mt Pulog [=Pulag], Jan 1909.

Acoridium pulogense (Ames) Ames, Orchidaceae 7 (1922) 81; --Ames in Merr., EPFP 1 (1924) 288.

LUZON: Benguet (Pauai; Mt Simakoko; Mt Pulag). High-montane mossy forests, epiphytic, altitude 2065-2500m. Fl. Jan, May-Jul, Oct.

Dendrochilum pumilum Reichb.f., Bonplandia 3 (1855) 222; --Hae Pedersen et al., Opera Bot. 130 (1997) 24; --Hae Pedersen, *ibid.* 131 (1997) 109, Fig. 45C, 59. --Type: Cuming 2102 (W-Reichb.f. 20440, holo; iso: BM, K, W; drawing in AMES*). Luzon: no further locality data.

Acoridium pumilum (Reichb.f.) Rolfe, Orch. Rev. 12 (1904) 220; --Ames in Merr., EPFP 1 (1924) 288.

var. pumilum

LUZON: Bataan (Mt Mariveles, Lamao Forest Reserve), Laguna (Mt Makiling; Mt Banahaw), Quezon (Mt Binuang, uncertain identification for BS 28862 Ramos & Edaño), Camarines Sur (Mt Isarog). Epiphytic in mossy forests and on exposed ridges, altitude 1025-2250m. Fl. Nov-Feb.

var. recurvum (Ames) Hae Pedersen, Opera Bot. 130 (1997) 24; --Hae Pedersen, *ibid.* 131 (1997) 111, Fig.

45B; --Dendrochilum recurvum (Ames) Ames, PJS 2 c (1907) Bot. 318; --Acoridium recurvum Ames, Proc. Biol. Soc. Wash. 19 (1906) 148; --Ames in Merr., EPFP 1 (1924) 289. --Type: Merrill 4584 (PNH, holo, destroyed; iso: AMES*, K). Luzon: Mountain Province, Mt Data, Nov 1905.

LUZON: Ilocos Norte (Mt Pico de Loro, identification uncertain for PNH 16737 Edaño), Apayao (Mt Duraragan; Mt Magnas), Mountain Province (Mt Data; Mt Pukis), Ifugao (Sumigar), Benguet (Mt Pulogloco), Rizal (no definite locality for Loher 14598), Albay (Mayon Volcano, identification uncertain for PNH 18189 Mendoza), MINDORO: Mindoro Oriental (Mt Halcon), CATANDUANES (no definite locality), MINDANAO: Davao Oriental (Mt Kampalili, identification uncertain for PNH 12730 & 12736 Edaño). Epiphytic in mossy forests and exposed ridges, altitude 700-2795m. Fl. Sept-Nov, a cultivated plant in Feb.

Dendrochilum quadrilobum Ames, Orchidaceae 5 (1915) 61; --Hae Pedersen et al., Opera Bot. 130 (1997) 20-21; --Hae Pedersen, *ibid.* 131 (1997) 68, Fig. 31; --Cootes, Orch. Philip. (2001) 105. --Type: BS 19894 RC McGregor (AMES*, lecto, designated by LO Williams, 1951; isolecto: BM, BO, K, L*, NY*, P, US*). Luzon: Ifugao prov.

Acoridium quadrilobum (Ames) Ames, Orchidaceae 7e (1922) 81; --Ames in Merr., EPFP 1 (1924) 288.

LUZON: Kalinga (Mt Pasuan), Ifugao (Mt Polis). Epiphytic in forests (usually mossy), altitude 200-2000m. Fl. Jan & Feb.

[Dendrochilum quinquecallosum H.A.Pedersen](#) -- Orchid Rev. 115(1276): 223 (-225; fig.). 2007 [Jul 2007]

Dendrochilum quisumbingianum Hae Pedersen, Nordic J. Bot. 15 (1996) 389; Hae Pedersen et al., Opera Bot. 130 (1997) 55; --Hae Pedersen, *ibid.* 131 (1997) 178, Fig. 103. --Type: PNH 10887 Mendoza & Convozar (PNH, holo; iso: AMES). Mindanao: Agusan del Norte prov., Mt Hilong-hilong, summit.

MINDANAO: Agusan del Norte (Mt Hilong-hilong). Mossy forest, altitude c. 1940m, epiphytic. Fl.

Mar. Known from two collections at the type locality.

Dendrochilum reniforme Ames, Orchidaceae 5 (1915) 63; --Hae Pedersen et al., Opera Bot. 130 (1997) 24; --Hae Pedersen, *ibid.* 131 (1997) 91, Fig. 47. --Type: F Calico *sn* (AMES, lecto, designated by LO Williams, 1951: 311; iso BM, K, NY). Luzon: Laguna prov., San Antonio, Mar 1913.

Acoridium reniforme (Ames) Ames, Orchidaceae 7 (1922) 81; --Ames in Merr., EPFP 1 (1924) 289.

Dendrochilum urciforme (Ames) LO Williams, PJS 80 (1952) 316; --Acoridium urciforme Ames, Blumea Suppl. 1 (1937) 76. --Type: Loher 13276 (AMES, holo; iso: PNH, destroyed). Luzon: Rizal prov., Mt Paminglingan, near Montalban, Apr 1912.

LUZON: Ifugao (Mt Polis), Rizal (Mt Kanumay; Mt Paminglingan), Laguna (San Antonio).

Habitat preferences and altitudinal ranges not known. Fl. Feb, Mar?, Apr, Oct.

Dendrochilum rhombophorum (Reichb.f) Ames, Orchidaceae 3 (1908) 7; --Hae Pedersen et al., Opera Bot. 130 (1997) 21; --Hae Pedersen, *ibid.* 131 (1997) 54, Fig. 22; Pl. IB; --Cootes, Orch. Philip. (2001) 106. --Acoridium rhombophorum (Reichb.f) Ames, Sched. Orchid. 5 (1923) 1; --Ames in Merr., EPFP 1 (1924) 289; --Coelogyne rhombophora Reichb.f., Linnaea 41 (1877) 116. --Type: Wallis *sn*. (W-Herb. Reichb.f. 20434, holo; iso: NY*). Philippines, locality not known. From the NY sheet, one can see clearly that contrary to Pedersen's (1997) citation, the Wallis sheet is an unnumbered collection and that '72001' is most likely intended for 7200' [7200ft].

Dendrochilum whitfordii (Rolfe) Pfitzer & Kraenzl. In Engler, Pflanzenreich IV 50 II B 7 (1907) 162; --Acoridium whitfordii Rolfe in US*. Luzon: Bataan prov., Mt Mariveles, Lamao River, May 1904.

LUZON: Aurora (mnts NNE of Dingalan), Bataan (Mt Mariveles, Lamao River), Rizal (Mt Lumutan), Laguna (Majayjay; Mt Banahaw; Lucban), Quezon (Mt Binuang), Albay, MINDANAO: Surigao del Norte (Lake Mainit). Epiphytic in mossy forests, altitude 500-2500 (-2600?) m. Fl. Mar-Jun.

Dendrochilum rotundilabium LO Williams, Bot. Mus. Leaf. 5 (1937) 50; --Hae Pedersen et al., Opera Bot. 130 (1997) 39; --Hae Pedersen, *ibid.* 131 (1997) 124, Fig. 68. --Type: BS 75814 Edaño (AMES*, holo). Luzon: Camarines Sur prov., Mt Madooy summit, altitude 2000ft [=610m], 9 Nov 1928.

LUZON: Camarines Sur (Mt Madooy; Mt Potianay), MINDANAO: Agusan del Norte (Mt Hilong-hilong). Epiphytic in (sometimes mossy) forests, altitude 600-1940m. Fl. Apr, Nov.

Dendrochilum saccolabium Kraenzl., in Ann. k. k. Hofmus. Wien 30 (1916) 56; --Hae Pedersen et al., Opera Bot. 130 (1997) 106. --Type: Loher *sn*/ cult. Hort. Bot. Nymphenb. (type not located). Philippines. No locality data.

Acoridium saccolabium (Kraenzl.) Ames, Sched. Orchid. 5 (1923) 2; --Ames in Merr., EPFP 1 (1924) 289.

LUZON: Rizal, Laguna (Siniloan, Kapatalan; Sta Maria). Epiphytic in forests, altitude 200-335m. Fl. Sept, Nov-Jan.

Dendrochilum schweinfurthianum (Ames) LO Williams, PJS 80 (1952) 323; --Hae Pedersen et al., Opera Bot. 130 (1997) 24; --Hae Pedersen, *ibid.* 131 (1997) 115, Fig. 62; --Acoridium schweinfurthianum Ames, Blumea, Suppl. 1 (1937) 73. --Type: BS 48602 Ramos & Edaño (AMES*, holo; iso: K, NY*, US*). Luzon: Rizal prov., Mt Tokduanbaboy, epiphytic in mossy forest, altitude 1200m, Nov 1926.

LUZON: Rizal (Mt Tokduanbaboy). Fl. Nov. Apparently known only from the type collection.

Dendrochilum simulacrum Ames, Orchidaceae 2 (1908) 92, text cut; --Hae Pedersen et al., Opera Bot. 130 (1997) 24; --Hae Pedersen, *ibid.* 131 (1997) 116, Fig. 63. --Type: FB 4981 Curran (AMES*, holo; iso: K, US*). Luzon: Benguet prov., Mt Tonglon [=Mt Sto Tomas], 8 Aug 1906.

Acoridium simulacrum (Ames) Ames, Orchidaceae 7 (1922) 82; --Ames in Merr., EPFP 1 (1924) 289.

LUZON: Benguet (Mt Sto Tomas), Quezon (Lucban). Epiphytic along forest margins on the summit vicinity at the type locality, altitude c. 1995m. Fl. May & Aug.

Dendrochilum smithianum (Ames) LO Williams, PJS 80 (1952) 311; --Hae Pedersen et al., Opera Bot. 130 (1997) 26; --Hae Pedersen, *ibid.* 131 (1997) 44, Fig. 16; --Cootes, Orch. Philip. (2001) 106; --Acoridium smithianum Ames, Blumea, Suppl. 1 (1937) 74. --Type: Loher 15129 (AMES, holo). Luzon: Rizal prov., no further locality data.

LUZON: Rizal (Montalban). Aside from the type, also known from two other collections (Loher 12566a & 13950) possibly rather adjacent to the type locality. Cootes (2001) also includes

the provinces of Aurora and Quezon in the distribution range of this species and reports an altitudinal occurrence of 500m. Habitat preferences and altitudinal range otherwise not known. Fl. Jan, May.

Dendrochilum stenophyllum LO Williams, PJS 80 (1953) 300; --H Ae Pedersen et al., Opera Bot. 130 (1997) 21; --H Ae Pedersen, *ibid.* 131 (1997) 77, Fig. 37; --Cootes, Orch. Philip. (2001) 107; --Acoridium angustifolium Ames, Blumea Suppl. 1 (1937) 69. --Type: Loher 14721 (AMES*, holo; iso: P). Luzon: Rizal prov., no further locality data, Sept 1909.

LUZON: Rizal (Montalban). The type locality is most likely to be located in the general vicinity of the Sierra Madre Range N and E of Montalban. Said region is the most important collection site of Loher during the late 1890s to early 1900s. Cootes (2001) also adds Aurora and Quezon provinces to the distributional range, and 'epiphytic at elevations (of) about 1000m', otherwise, nothing is known about the habitat and altitudinal range of this species. Fl. Sept. .

Dendrochilum tenellum (Nees & Meyen) Ames, PJS 2 c (1907) Bot. 318; --H Ae Pedersen et al., Opera Bot. 130 (1997) 21; --H Ae Pedersen, *ibid.* 131 (1997) 79, Fig. 18D, 39; pl. 1D, IIA-B; --Cootes, Orch. Philip. (2001) 108; --Acoridium tenellum Nees & Meyen, Nov. Act. Nat. Cur. 19, Suppl. 1 (1843) 131; --Ames in Merr., EPFP 1 (1924) 290. --Type: Meyen *sn* (K, holo). Philippines: no further locality data.

Dendrochilum sphacelatum (Ames) Pfitzer in Engl., Pflanzenreich iv. 50. ii. B. 7 (1907) 112, Fig. 37 A, B, D, F, H, K; --Acoridium sphacelatum Ames, Orchidaceae 1 (1905) 1, t. 1, Figs. 1, 4-6, 8, 10, 12, 14, 16, 18, 20; --Ames in Merr., EPFP 1 (1924) 289. --Type: Elmer 6554 (PNH, holo, destroyed; iso: AMES* 2 sheets, K, L, NY*, P, US*). Luzon: Benguet prov., Mt Sto Tomas, Jun 1904.

Dendrochilum junceum Reichb.f., Otia Bot. Humburg. 1 (1878) 54. --Type: Wallis *sn* (W-Herb. Reichb.f. 49002, cited by Pedersen, 1997). Luzon: Laguna prov., Los Baños.

CAMIGUIN DE BABUYANES (Mt Camiguin), LUZON: Ilocos Norte (Mt Burnay), La Union (Naguilian), Apayao (Mt Sulu), Kalinga (Balbalan), Ifugao (Mt Himi-o; Mt Pimmage; Mt Polis; Sumigar), Mountain Province (Mt Masapilid; Sitio Pokpok Tayao), Benguet (Baguio; Mt Sto Tomas), Cagayan (Mt Cagua; Mt Balatongan), Nueva Vizcaya, Aurora (Mt Camatis), Zambales (Masinloc, Mt Apoi near Coto; Mt Tapulao), Bataan (Mt Mariveles, Lamao Forest Reserve; Mt Limay), Pampanga (Mt Pinatubo), Rizal, Laguna (Mt Makiling; Mt Banahaw), Camarines Sur (Mt Isarog), Sorsogon (Mt Bulusan), MINDORO: Mindoro Oriental (Mt Halcon), BILIRAN (Mt Suiro), LEYTE: Leyte (Buenavista near Jaro; Masaganap near Jaro; Mt Mamban), MINDANAO: Davao Oriental (Mt Kampalili). Epiphytic (usually oak-ericaceous mossy forests), sometimes in open ridge forests, altitude 300-2495m, but most common between 1000-1500m. Fl. Sept-Jul.

Dendrochilum tenuibulbum (Ames) LO Williams, PJS 80 (1952) 325; --H Ae Pedersen et al., Opera Bot. 130 (1997) 25; --H Ae Pedersen, *ibid.* 131 (1997) 113, Fig. 61, Pl. IVA; --Cootes, Orch. Philip. (2001) 108; --Acoridium tenuibulbum Ames, Blumea Suppl. 1 (1937) 75. --Type: Loher 13046 (AMES*, holo; iso AMES*). Luzon: Rizal prov., Balacbac, May 1916.

LUZON: Rizal (Balacbac), Albay, PANAY: Antique (Mt Madia-as, near Culasi, identification uncertain for Busemeyer et al. 356). Epiphytic among mosses, on tree trunks, in rather brightly-lit sites, altitude c. 950-1430m.

Dendrochilum tenuifolium (Ames) Pfitzer in Engl., Pflanzenreich iv. 50. ii. B. 7 (1907) 114, Fig. 38 (O), excluding Fig. 38Q, 1907; --H Ae Pedersen et al., Opera Bot. 130 (1997) 25; --H Ae Pedersen, *ibid.* 131 (1997) 97, Fig. 50; --Acoridium tenuifolium Ames, Proc. Biol. Soc. Wash. 19 (1906) 145; --Ames in Merr., EPFP 1 (1924) 290. --Type: Merrill 4576 (PNH, holo, destroyed; iso: AMES*, K, US*). Luzon: Mountain Province, Mt Data, Nov 1905.

LUZON: Ilocos Norte (Mt Burnay), Mountain Province (Mt Data), Ifugao (Mt Himi-o; Mt Pimmage; Mt Polis), Benguet (Mt Pulag; Mt Pulogloco; Mt Boadan; Mt Sinapsapan; Mt Simakoko; Baguio; Mt Sto Tomas). Epiphytic in mossy forest, altitude (?1700-)1800-2150(-2500?)m. Fl. Jul-Feb.

Dendrochilum tetradactyliferum H Ae Pedersen, Nordic J. Bot. 15 (1996) 390; --H Ae Pedersen et al., Opera Bot. 130 (1997) 40; --H Ae Pedersen, *ibid.* 131 (1997) 135, Fig. 65C, 76. --Type: PNH 2370 Edaño (AMES*, holo). Mindanao: Davao del Sur prov., Mt Apo, Miran River, bole epiphyte in forest, altitude 1915m,

6 Nov 1946.

MINDANAO: Davao del Sur (Mt Apo: Baklayan and Miran River). Epiphytic on forested ridges, altitude 1800-1915m. Eight collections cited by Pedersen are thus far only known to be confined to the general vicinity of the type locality. Fl. Nov.

Dendrochilum turpe (Ames) Pfitzer in Engl., Pflanzenreich iv. 50. ii. B. 7 (1907) 118, Fig. 38 D; --HAE Pedersen et al., Opera Bot. 130 (1997) 25; --HAE Pedersen, *ibid.* 131 (1997) 93, Fig. 45D, 48; --Acoridium turpe Ames, Proc. Biol. Soc. Wash. 19 (1906) 149; --Ames in Merr., EPFP 1 (1924) 290. --Type: Merrill 4758 (PNH, holo, destroyed; iso: AMES*, K). Luzon: Benguet prov., between Suyoc and Pauai, 7 Nov 1905.

LUZON: Benguet (Mt Tabayoc, Mt Pulag; Mt Pulogloco; Mt Simakoko; between Suyoc & Pauai), Ifugao (Mt Himi-o; Mt Pimmage; Mt Polis). Epiphytic in mossy forests, altitude (?1700-)2060 and 2400(-2500?)m. Fl. Feb-Apr, Sept-Dec.

Dendrochilum uncatum Reichb.f., Bonplandia 3 (1855) 222; --Ames in Merr., EPFP 1 (1924) 295; --HAE Pedersen et al., Opera Bot. 130 (1997) 57-58; --HAE Pedersen, *ibid.* 131 (1997) 162, Fig. 83A, 93; Pl. VD; --Cootes, Orch. Philip. (2001) 109. --Type: Cuming 2073 (W-Herb. Reichb.f. 49080, holo; iso: BM, K, L* 2 sheets, P, SING*, W; drawing: A*). Luzon: Zambales prov., without more precise locality.

Acoridium uncatum (Reichb.f.) Rolfe, Orchid Rev. 12 (1904) 220.

Dendrochilum uncatum Reichb.f. var. lancifolium Reichb.f., Gdrms. Chron. 2, 16 (1881) 780. --Type: Cuming 2103 (W-Reichb.f. 49034, holo; iso: BM, K, L*, P, W). Philippines, without more precise locality.

var. uncatum

Taiwan, Philippines.

LUZON: Benguet (Bokod; Mt Pulag; Pauai), Ifugao (Mt Polis; Sumigar), Cagayan (Mt Balatongan; Mt Bawa; Mt Cagua), Nueva Vizcaya (unspecified locality for BS 20101 McGregor), Zambales (unspecified locality for Cuming 2073), Bataan (Mt Mariveles, Lamao River), Pampanga (Arayat), Rizal (Mt Canumay), Laguna (Mt Makiling), Quezon (Mt Banahaw), Epiphytic (rarely lithophytic) in (usually mossy) forest, altitude 930-2500m. Fl. throughout the year.

var. longispicatum (Ames) HAE Pedersen, Opera Bot. 130 (1997) 58; *ibid.* 131 (1997) 165, Fig. 93H; --Dendrochilum longispicatum Ames, Orch. 2 (1908) 105, text cut; --Ames in Merr., EPFP 1 (1924) 294. --Type: Merrill 4336 (AMES*, lecto, designated by Pedersen et al., Opera Bot. 130 (1997) 58; iso: K, US*). Luzon: Benguet prov., Baguio, Oct-Nov 1905.

LUZON: Mountain Province (Bauko; unspecified localities for Vanoverbergh 899, 4043), Benguet (Mt Pulag; Baguio; Mt Sto Tomas). Epiphytic, altitude 1450-1750m. Fl. Apr, Jul, Sept-Dec.

Dendrochilum undulatum HAE Pedersen, Orch. Rev. 115 (2007) 225. --Type:

Dendrochilum unicallosum LO Williams, Bot. Mus. Leaf. 5 (1937) 51; --HAE Pedersen et al., Opera Bot. 130 (1997) 58; --HAE Pedersen, *ibid.* 131 (1997) 146, Fig. 84. --Type: Loher 14643, *pro parte* (AMES*, holo; iso: BM, BO, C, K, P). Luzon: Rizal prov., no further locality data, Sept 1909.

LUZON: Rizal (Montalban; Mt Irid; unspecified locality for the type collection). Epiphytic in mossy forest, altitude c. 1330m.

Dendrochilum unicorn (Ames) LO Williams, PJS 80 (1952) 314; --HAE Pedersen et al., Opera Bot. 130 (1997) 25; --HAE Pedersen, *ibid.* 131 (1997) 118, Fig. 64; --Acoridium unicorn Ames, Orchidaceae 7 (1922) 145; --Ames in Merr., EPFP 1 (1924) 290. --Type: Ramos & Edaño 54 (AMES*, holo; iso: AMES*, BM, K, L*, NY*, P, SING*, US*, W). Luzon: Benguet prov., Mt Simakoko, epiphytic in the mossy forest, altitude 6500ft [=1981m], 6 Oct 1921.

LUZON: Benguet (Mt Simakoko). Apparently known only from two collections from the type locality. Fl. Oct.

Dendrochilum vanoverberghii Ames, PJS 7 c (1912) Bot. 27; --HAE Pedersen et al., Opera Bot. 130 (1997)

25; --HAe Pedersen, *ibid.* 131 (1997) 102, Fig. 45A, 54; --Cootes, Orch. Philip. (2001) 109. --Type: Vanoverbergh 1046 (AMES*, lecto, designated by LO Williams, PJS 80 (1951) 320; iso: A*, PNH, destroyed).

Luzon: Mountain Province, no further locality data, Nov-Dec 1910.

Acoridium vanoverberghii (Ames) Ames, Orchidaceae 7 (1922) 82; --Ames in Merr., EPFP 1 (1924) 290.

LUZON: Mountain Province, Ifugao (Mt Polis), Nueva Vizcaya. Epiphytic in mossy forests, altitude c. 2000m. Fl. Jan, Feb, Nov/Dec.

Dendrochilum warrenii HAe Pedersen & Gravend., Blumea 49 (2004) 358-360. --Type:

Dendrochilum wenzelii Ames, Orchidaceae 5 (1915) 65; --HAe Pedersen et al., Opera Bot. 130 (1997) 21; --HAe Pedersen, *ibid.* 131 (1997) 85, Fig. 43; Pl. IIIA-B; --Cootes, Orch. Philip. (2001) 110. --Type: Wenzel 264 (AMES*, lecto, designated by LO Williams 1951: 301; iso: BM, C, K, L*, NY*, P, SING*, US*). Leyte: Leyte prov., Masaganap near Jaro, epiphyte in forest, altitude 750m, 11 Feb 1914.

Acoridium wenzelii (Ames) Ames, Orchidaceae 7 (1922) 82; --Ames in Merr., EPFP 1 (1924) 291.

LUZON: Apayao (Mt Sulu), Kalinga (Balbalan), Nueva Vizcaya (Dalton Pass), Camarines Sur (Mt Isarog; Sagnay), Albay (Mt Malinao), BILIRAN (Mt Suiro), LEYTE: Leyte (Buenavista and Masaganap, near Jaro; Mt Abucayan), MINDANAO: Bukidnon (Mt Kitanglad). Epiphytic in forests (sometimes mossy), frequently on ridges, altitude 500-1800m. Fl. Feb, Mar, Dec.

Dendrochilum williamsii (Ames) Pfitzer in Engl., Pflanzenreich iv. 50. ii. B. 7 (1907) 114, Fig. 38 S; --HAe Pedersen et al., Opera Bot. 130 (1997) 22; --HAe Pedersen, *ibid.* 131 (1997) 83, Fig. 41; --Cootes, Orch. Philip. (2001) 111; --*Acoridium williamsii* Ames, Proc. Biol. Soc. Wash. 19 (1906) 143; --Ames in Merr., EPFP 1 (1924) 291. --Type: RS Williams 1939 (NY*, holo; iso AMES*, GH*, K, US*). Luzon: Benguet prov., La Trinidad, on rocks, 28 Sept 1904.

LUZON: Mountain Province (Mt Data; Mt Pukis), Ifugao (Mt Himi-o; Mt Pimmage; Sumigar), Benguet (Mt Pauai; La Trinidad; Mt Sto Tomas), Nueva Vizcaya, Rizal (Montalban; Mt Tokduanbaboy; Mt Irid). Epiphytic in mossy forests (rarely lithophytic), altitude 1165-2540m. Fl. Sept-Nov.

Dendrochilum woodianum Ames, PJS 2 c (1907) Bot. 318, *nom. nud.*; Orchidaceae 2 (1908) 80 (& an unnumbered Fig. on p. 81); --HAe Pedersen et al., Opera Bot. 130 (1997) 60; --HAe Pedersen, *ibid.* 131 (1997) 37, Fig. 12. --Type: Merrill 5618 (AMES, holo; iso: K, SING, US; drawings at BM, NY, PNH, SING). Mindoro: Mindoro Oriental prov., Mt Halcon, altitude 2050-2600m.

Pseudacridium woodianum (Ames) Ames, Orchidaceae 7 (1922) 79; --Ames in Merr., EPFP 1 (1924) 284.

MINDORO: Mindoro Oriental (Mt Halcon; Subaan River near San Teodoro). Epiphyte on ridges between 1200-2830 m. Fl. Apr, May, Nov.

Dendrochilum yuccaefolium LO Williams, Bot. Mus. Leaf. 5 (1937) 53; --HAe Pedersen et al., Opera Bot. 130 (1997) 58; --HAe Pedersen, *ibid.* 131 (1997) 175, Fig. 83C, 101; Pl. VIIA; --Cootes, Orch. Philip. (2001) 111. --Type: Loher 13216 (AMES, holo; iso K). Luzon: Rizal prov., Montalban, Paningtingan.

LUZON: Rizal (Montalban, based on the type and two other unlocalized collections, Loher 13951 and 14717). Cootes (2001) also adds Aurora and Quezon provinces in the distribution range, reportedly epiphytic at altitudes over 500m. Habitat preferences and altitudinal range otherwise not known. Fl. Jan, Sept; known to flower in March from cultivated specimens.

Possible novelties:

Dendrochilum* sp. aff. *cootesii

LUZON: Aurora.

Dendrochilum* sp. aff. *unicallosum

LUZON: Nueva Vizcaya

Dendrochilum sp.
MINDANAO: Davao Oriental (Mt Hamiguitan)

Dendrochilum sp.
MINDORO

Dendrochilum sp.
LUZON: Zambales

Dendrochilum sp. aff. **cootesii**
LUZON: Zambales
Small flowers and plant.

Dendrolirium Blume

Dendrolirium ornatum Blume, Bijdr. (1825) 345. –Type:
Eria ornata (Blume) Lindl., Gen. & Sp. Orch. (1830) 66; --Ames in Merr., EPFP 1 (1925) 373.

Dicerostylis Blume =Hylophila

Didymoplexis Griffith

Didymoplexis pallens Griff., Calcutta J. Nat. Hist. 4 (1844) 383, t. 17; --Ames in Merr., EPFP 1 (1924) 267.
India, Peninsular Malaysia, Java, Philippines. LUZON: Pampanga, Rizal, Laguna.

Didymoplexis philippinensis Ames, Orchidaceae 5 (1915) 24; --Ames in Merr., EPFP 1 (1924) 268. –Type:
LUZON: Camarines, PALAWAN, LEYTE. Forest up to 300m altitude.

Dienia Lindley

Dienia benguetensis (Ames) MA Clem. & DL Jones, Lasianthera 1 (1996) 41; --Crepidium benguetense (Ames) Marg., Ann. Bot. Fenn. 39 (2002) 65; --Malaxis benguetensis Ames, PJS 6 c (1911) Bot. 43; --Ames in Merr., EPFP 1 (1924) 303. –Type:
Philippines.

Dienia ophrydis (Koenig) Seidenf., Contr. Orchid Fl. Thailand 13 (1997) 18; --Malaxis ophrydis (Koenig) Ormerod in G Seidenf., Descr. Epidendrorum Koenig (1995) 18; --Crepidium ophrydis (Koenig) MA Clem. & DL Jones, Lasianthera 1 (1996) 38; --Epidendrum ophrydis Koenig in AJ Retzius, Observ. Bot. 6 (1791) 46. –Type:
Dienia curranii (Ames) MA Clem. & DL Jones, Lasianthera 1 (1996) 41; --Malaxis curranii Ames, PJS 6 c (1911) Bot. 44; --Ames in Merr., EPFP 1 (1924) 303. –Type:
Dienia latifolia (Sm.) MA Clem. & DL Jones, Lasianthera 1 (1996) 41; --Malaxis latifolia Sm., in Rees Cycl. 22 (1819) no. 3; --Ames in Merr., EPFP 1 (1924) 304.
Extra-Philippine range?

Diglyphosa Blume

Diglyphosa elmeri Ames in Elmer, LPB 5 (1912) 1555; --Ames in Merr., EPFP 1 (1924) 280. –Type:
Philippines.

Diglyphosa latifolia Blume, Bijdr. (1825) 336.
Extra-Philippine range?

Dilochia Lindley

Dilochia elmeri Ames, in Elmer, LPB 5 (1912) 1554; --Ames in Merr., EPFP 1 (1924) 317. --Type: Philippines.

Dilochia wallichii Lindl., Gen. Sp. Orch. Pl. (1830) 38.
Sumatra, Peninsular Malaysia, Java, Borneo, Philippines, Moluccas. MINDANAO: Davao Oriental.

Diplocaulobium (Reichenbach *filius*) Kraenzlin

Diplocaulobium clemensiae (Ames) AD Hawkes, Lloydia 20 (1957) 128; --Dendrobium clemensiae Ames, PJS 7 c (1912) Bot. 16; --Ames in Merr., EPFP 1 (1924) 346. --Type: Philippines.

Dipodium R Brown

Dipodium paludosum (Griff.) Reichb.*f.*, Xenia Orchid. 2 (1862) 15; --Ames in Merr., EPFP 1 (1925) 402; --Cootes, Orch. Philip. (2001) 112; --Grammatophyllum paludosum Griff., Not. Pl. Asiat. 3 (1851) 344.
Thailand, Vietnam, Cambodia, Sumatra, Peninsular Malaysia, Borneo, Philippines.
LUZON: Albay, Sorsogon, SIBUYAN, PANAY, LEYTE, SAMAR, MINDANAO: Surigao del Sur.
Altitude up to 600m.

Dipodium pictum (Lindl.) Reichb.*f.*, Xenia Orchid. 2 (1862) 15; --Waillesia picta Lindl., J. Hort. Soc. London 4 (1849) 261. --Type:
Extra-Philippine range?

Dipodium scandens (Blume) JJ Sm., Orch. Java (1905) 488; --Leopardanthus scandens Blume, Rumphia 4 (1849) 47. --Type:
Extra-Philippine range?

Disperis Swartz

Revision:
Kurzweil, H & JC Manning. 2005. *A synopsis of the genus Disperis (Orchidaceae)*. Adansonia sér. 3, 27: 155-207.

Disperis neilgherrensis Wight, Icon. Plant. Ind.Orient. 5 (1851) t. 1719; --Kurzweil, Blumea 50 (2005) 145; Adansonia sér. 3, 27(2) (2005) 174.
Disperis philippinensis Schltr., Fedde Repert. Spec. Nov. Regni Veg. 9 (1911) 436; --Ames in Merr., EPFP 1 (1924) 260. --Type: Merrill 4215 (AMES*, iso). Luzon: Pampanga prov., Mt Arayat, very scattered among boulders on forested slopes, altitude 300-700m, Sept 1905.
Disperis siamensis Rolfe ex Downie, Bull. Misc. Inform. Kew (1925) 422.
Sri Lanka, India, Thailand, S China (Hongkong), Taiwan, S Japan, Philippines, Palau, Java, Moluccas, Papua New Guinea.
LUZON: Pampanga, Batangas, Sorsogon. Terrestrial at 300-700m altitude.

Distichorchis MA Clements & DL Jones

Distichorchis angusta (Quisumb.) MA Clem., *Telopea* 10(1) (2003) 280; --*Dendrobium uniflorum* var. *angustum* Quisumb., *Philip. Orchid Rev.* 3 (1950) 9. --Type: *Dendrobium quadrisulcatum* JJ Sm., *Bull. Jard. Bot. Buitenzorg*, II, 25 (1917) 49. --Type: Philippines.

Distichorchis metachilina (Reichb.f.) MA Clem., *Telopea* 10(1) (2003) 281; --*Dendrobium metachilinum* Reichb.f., *Bonplandia* 3 (1855) 222.

Distichorchis uniflora (Griff.) MA Clem., *Telopea* 10(1) (2003) 282; --*Dendrobium uniflorum* Griff., *Notul.* 3 (1851) 305; --Ames in Merr., *EPFP* 1 (1924) 357; --Cootes, *Orch. Philip.* (2001) 92. --Type: Thailand, Vietnam, Peninsular Malaysia, Borneo, Philippines.
LUZON: Ilocos Norte, Aurora, Zambales, Bataan, Rizal, Laguna, Quezon, Sorsogon, POLILLO, SIBUYAN, PANAY, NEGROS: Negros Occidental, LEYTE, SAMAR, BASILAN, MINDANAO: Lanao del Sur, Agusan del Norte, Surigao del Norte, DINAGAT. Epiphytic, often in well-lit sites, altitude 100-700m.

Possible novelty:

Distichorchis sp. aff. *angusta*
PALAWAN.

Durabaculum MA Clements & DL Jones =*Dendrobium*

Epiblastus Schlechter

Epiblastus merrillii LO Williams, *PJS* 71 (1940) 113. --Type: Philippines.

Epicrianthes Blume

Epicrianthes glebodactyla W Suarez & Cootes, ined.
Philippines.

Epicrianthes sp.

Epicrianthes flavofimbriata sensu Cootes, *Orch. Philip.* (1999) 112, non (JJ Sm.) Garay & Kittredge (1985).
LUZON: Aurora. Epiphytic in brightly lit habitat, altitude c. 500m.

Epicrianthes sp.

NEGROS: Negros Oriental (Sibulan, altitude c. 800m, PNH 5404 Edaño).

Epicrianthes sp.

MINDANAO: Misamis Oriental.
Pink with darker pink spots, brown-gray petals.

Epicrianthes sp.

MINDANAO: Misamis Oriental.
Dull orange with dense dull pink spots, silvery petals.

Epicrianthes sp.

MINDANAO: Misamis Oriental.

Purple-pink with moss-green petals.

Epigeneium Gagnepain

Epigeneium acuminatum (Rolfe) Summerh., Kew Bull. 12 (1957) 260; --Cootes, Orch. Philip. (2001) 113; --Katherinea acuminata (Rolfe) AD Hawkes, Lloydia 19 (1956) 94; --Dendrobium acuminatum Rolfe in Ames, Orchidaceae 1 (1905) 86; --Ames in Merr., EPFP 1 (1924) 343. --Type: CA Wenzel 47.

LUZON: Kalinga, Benguet, Nueva Vizcaya, Nueva Ecija, Aurora, Bataan, Rizal, Quezon. Epiphytic, altitude 1000-2000m, often in full sun.

Epigeneium lyonii (Ames) Summerh., Kew Bull. 12 (1957) 263; --Dendrobium lyonii Ames, Orchidaceae 2 (1908) 177; --Ames in Merr., EPFP 1 (1924) 351. --Type: Lyon sn.

LUZON: Bataan. Epiphytic, altitude 660-1100m.

Epigeneium stella-silvae (Loher & Kraenzl.) Summerh., Kew Bull. 12 (1957) 265; --Katherinea stella-silvae (Loher & Kraenzl.) AD Hawkes, Lloydia 19 (1956) 97; --Dendrobium stella-silvae (Loher & Kraenzl.) Ames, Orchidaceae 5 (1915) 139; --Ames in Merr., EPFP 1 (1924) 356. --Type:

LUZON: Abra, Mountain Province, Rizal. Forest slope, altitude 1000m.

Epigeneium treacherianum (Reichb.f. ex Hook.f.) Summerh., Kew Bull. 12 (1957) 265; --Katherinea treacheriana (Reichb.f. ex Hook.f.) AD Hawkes, Lloydia 19 (1956) 97; --Dendrobium treacherianum Reichb.f. ex Hook.f., Bot. Mag. 107 (1881) t. 6591. --Type:

Borneo, Philippines.

LUZON: Apayao, Kalinga, Nueva Vizcaya, Nueva Ecija, Bataan, Rizal, MINDORO: Mindoro Oriental, SAMAR. Commonly epiphytic, occasionally lithophytic, often in well-lit sites, altitude 600-1200m.

Epipactis auct. mal. non Zinn =Goodyera

Epipogon =Epipogium

Epipogium Gmelin ex Borkhausen

Epipogium roseum (D Don) Lindl., J. Linn. Soc. Bot. 1 (1857) 177; --Ames in Merr., EPFP 1 (1924) 265; --Limodorum roseum D Don, Prodr. Fl. Nepal. (1825) 30.

India, Sri Lanka, Java, New Guinea, Australia and Africa. LUZON: Nueva Vizcaya, Laguna, MINDORO, LEYTE, NEGROS: Negros Oriental, MINDANAO: Lanao, Davao. Terrestrial in forest, altitude 500-700m.

Epipogum =Epipogium

Eria Lindley

Eria javanica (Sw.) Blume, Rumphia 2 (1836) 23; --Ames in Merr., EPFP 1 (1924) 369; --Cootes, Orch. Philip. (2001) 117; --Dendrobium javanicum Sw., Neues J. Bot. 1 (1805) 96. --Type from Eria cochleata Lindl., in Edwards's Bot. Reg. 30 (1844) Misc. 14; --Ames in Merr., EPFP 1 (1924) 366.

Unplaced:

Eria elisheae O'Byrne, Mal. Orch. Rev. 34 (2000) 51-53.

Eria elisheae P.O'Byrne -- Malayan Orchid Rev. 34: 52 (51-53, 92; figs.). 2000

Erythrodes Blume

Erythrodes boettcheri Ames, Sched. Orchid. 6 (1923) 8; --Ames in Merr., EPFP 1 (1924) 273. --Type: LUZON: Kalinga. Altitude 1000m.

Erythrodes weberi Ames, Orchidaceae 5 (1915) 30; --in Merr., EPFP 1 (1924) 273. --Type: MINDANAO: Lanao del Sur (Lake Lanao), Agusan del Sur (Talacogon), JOLO. Terrestrial in shady forest at 10m altitude. In JOLO at 830m altitude.

Erythrodes wenzelii Ames, Orchidaceae 5 (1915) 31; --Ames in Merr., EPFP 1 (1924) 273. --Type: PALAWAN, LEYTE.

Erythrorchis Blume

Erythrorchis altissima (Blume) Blume, Rumphia 1 (1837) 200; --Galeola altissima (Blume) Reichb.f., Xenia Orchid. 2 (1865) 77; --Ames in Merr., EPFP 1(1924) 262; --Holtum, Rev. Fl. Malaya 1 (1954) 99; --Cyrtosia altissima Blume, Bijdr. (1825) 396.

Burma, Peninsular Malaysia, Java, Borneo, Philippines. LUZON: Cagayan.

Erythrorchis ochobiensis (Hayata) Garay, Bot. Mus. Leaflet. Harvard Univ. 30 (1986) 234; --Galeola ochobiensis Hayata, Icon. Pl. Formosan. 6 (1916) 87.
Extra-Philippine range?

Euanthe Schlechter

Euanthe sanderiana (Reichb.f) Schltr., Orchideen (1914) 568, Fig. 194; --Vanda sanderiana Reichb.f., Gard.

Chron. ii, 17 (1882) 588; --Ames in Merr., EPFP 1 (1925) 430. --Type: Vanda sanderiana var. albata Reichb.f., Gard. Chron. III, 2 (1887) 9.

forma sanderiana

MINDANAO: Zamboanga del Norte, Zamboanga del Sur, North Cotabato, South Cotabato, Davao del Norte, Davao del Sur. Epiphytic, to 500m altitude.

forma froebeliana (Cogn.) W Suarez

Vanda sanderiana var. froebeliana Cogn., Dict. Icon. Orch. (1903) Vanda t. 12A; --Ames, Orchidaceae 2 (1908) 244.

forma immaculata (Golamco) Cootes, ined. [Austral. Orch. Rev. (2007), in press];

Vanda sanderiana var. immaculata Golamco, Waling-waling 10 (2002) 31-34.

- Vanda sanderiana Reichb.f. var. immaculata Golamco -- Waling-Waling Rev. 10(2): 31 (-34). 2002

forma labello-viridi (Linden & Rodigas) W Suarez

Vanda sanderiana var. *labello-viridi* Linden & Rodigas, *Lindenia* 1 (1885) 85, t. 40; --Ames, *Orchidaceae* 2 (1908) 244.

Eulophia R Brown ex Lindley

Eulophia bicallosa (D Don) PF Hunt & Summerhayes, *Kew Bull.* 20 (1966) 60; --Ormerod, *Taiwania* 49(3) (2004) 176 ; --Bletia *bicallosa* D Don, *Prodr. Fl. Nepal.* (1825) 30. --Type from Nepal.

Eulophia merrillii Ames, *Orchidaceae* 5 (1915) 104; --Ames in Merr., *EPFP* 1 (1924) 339. --Type: Merrill 5452 (AMES*,

holo). Mindanao: Davao Oriental prov., Caraga, open grassy slopes, altitude 100m, 6 Oct 1906

Eulophia vanoverberghii Ames, *PJS* 7 c (1912) Bot. 13; --Ames in Merr., *EPFP* 1 (1924) 341. --Type: Vanoverbergh 336 (AMES, holo). Luzon: Mountain Province, on hillocks, altitude 1350m, 2 Apr 1910.

India, Nepal, China, Taiwan, Thailand, Malaysia, Indonesia, Philippines, Timor, Papua New Guinea, NE Australia.

LUZON: Mountain Province, MINDANAO: Bukidnon (Malaybalay, Balsambangan), Davao, South Cotabato (Buayan; Nutol). Near sea-level to 1350m.

Eulophia dentata Ames, *PJS* 6 c (1911) Bot. 51; --Ames in Merr., *EPFP* 1 (1924) 339. --Type: Extra-Philippine range.

Eulophia exaltata Reichb.f., *Bonplandia* 5 (1857) 38; --Ormerod, *Taiwania* 49(3) (2004) 176 ; --Bletia *stricta* C Presl, *Rel. Haenk.* 1 (1827) 98 (basionym). --Type from Java.

Eulophia stricta (C Presl) Lindl., *Gen. Sp. Orchid. Pl.* (1833) 185; --Ames, *Orchidaceae* 5 (1915) 103; --Ames in Merr., *EPFP* 1 (1924) 340, non Rolfe 1897.

Borneo (Kalimantan), Philippines.

Eulophia graminea Lindl., *Gen. Sp. Orchid. Pl.* (1833) 182.

Eulophia graminea Lindl., *Gen. Sp. Orchid. Pl.*: 182, 1833

Extra-Philippine range.

Eulophia pulchra (Thouars) Lindl., *Gen. Sp. Orchid. Pl.*: 182 (1833). --*Eulophidium pulchrum* (Thouars) Summerh., *Bull. Jard. Bot. État* 27 (1957) 400; --*Oeceoclades pulchra* (Thouars) PJ Cribb & MA Clem., *Austral. Orchid Res.* 1 (1989) 99; --*Limodorum pulchrum* Thouars, *Hist. Orchid.* (1822) t. 43.

Eulophia macrostachya Lindl., *Gen. & Sp. Orch.* (1833) 133, in *Bot. Reg.* 23 (1837) t. 1972; --Ames in Merr., *EPFP* 1 (1924) 339.

Extra-Philippine range.

Eulophia spectabilis (Dennst.) Suresh, Suresh in DH Nicolson, CRSuresh & KS Manilal, *Interpret. Van Rheede's Hort. Malab.* (1988) 300; --*Wolfia spectabilis* Dennst., *Schlüssel Hortus Malab.* (1818) 11, 25, 38.

Eulophia squalida Lindl., *Edwards's Bot. Reg.* 27 (1841) Misc. 77; --Ames in Merr., *EPFP* 1 (1924) 339. --Type:

Eulophia macgregorii Ames, *PJS* 9 c (1914) Bot. 12. --Type:

Extra-Philippine range.

Eulophia zollingeri (Reichb.f.) JJ Sm., *Orch. Java* (1905) 228; --*Cyrtopera zollingeri* Reichb.f., *Bonplandia* 5 (1857) 38.

Eulophia macrorhiza Blume, *Fl. Jav. Orch.* (1858) 155 (*Orch. Arch. Ind.* 183) t. 63, Fig. 2, t. 66B; --Ames in Merr., *EPFP* 1 (1924) 339.

Sri Lanka, India, Thailand, Vietnam, SE China, Taiwan, Japan, across Malesia to NE Australia.

Euphlebia (Kraenzlin) Brieger

Euphlebia balzerianum (Fessel & Lückel) MA Clem. & Cootes, OrchideenJournal 16(1) (2009) 26;
--Dendrobium balzerianum Fessel & Lückel, Orchidee (Hamburg) 48 (1997) 173; --Cootes, Orch. Philip. (2001) 68;
Philippines.

Euphlebia bicolense (Lubag-Arquiza) MA Clem. & Cootes, OrchideenJournal 16(1) (2009) 26;
--Dendrobium bicolense Lubag-Arquiza, Journ. Orchideefreund Nov. (2006) xxx.

- [Dendrobium bicolense Lubag-Arquiza](#) -- J. Orchideenfr. 13(4): 337 (336-343; figs.). 2006
Philippines.

Euphlebia decoratum MA Clem. & Cootes, OrchideenJournal 16(1) (2009) 25-26.

- [Euphlebia decoratum M.A.Clem. & Cootes](#) -- Orchideen J. 16(1): 25 (-27; fig.). 2009 [16 Feb 2009]
Philippines.

Euphlebia josephinae (Cootes) MA Clem. & Cootes, OrchideenJournal 16(1) (2009) 26;
--Dendrobium josephinae Cootes, Aust. Orch. Rev. 73(4) (2008) 24, figs.

- [Dendrobium josephinae Cootes](#) -- Austral. Orchid Rev. 73(4): 24 (figs.). 2008 [Aug 2008]
Philippines.

Euphlebia orbilobulatum (Fessel & Lückel) MA Clem. & Cootes, OrchideenJournal 16(1) (2009) 26;
--Dendrobium orbilobulatum Fessel & Lückel, Orchidee (Hamburg) 47 (1996) A232; --Cootes, Orch. Philip.

(2001) 83. --Type:

LEYTE. Epiphytic, hanging over water, altitude c. 600m.

Euphlebia sibuyanense (Lubag-Arquiza) MA Clem. & Cootes, OrchideenJournal 16(1) (2009) 26;
--Dendrobium sibuyanense Lubag-Arquiza, Phil. Agr. Sci. 88 (2005) 4, 484.

- [Dendrobium sibuyanense Lubag-Arquiza, Naranja, Baldos & Sacdalan](#) -- Philipp. Agric. Sci. 88(4): 484
(-488; fig. 1). 2005 ; nom. inval.;
Orchid Digest 70(3): 174. 2006 [Jul 2006]

Philippines.

Flickeringia AD Hawkes

Flickeringia candonense (Ames) Seidenf., Dansk Bot. Ark. 34(1) (1980) 17; --Dendrobium candonense
Ames, Orchidaceae 7 (1922) 94; --Ames in Merr., EPFP 1 (1924) 346. --Type:

Philippines.

Flickeringia chrysographata (Ames) Hawkes, Orch. Weekly 2 (1961) 452; Orquídea (Rio de Janeiro) 27
(1965) 302; --Ephemerantha chrysographata (Ames) PF Hunt & Summerh., Taxon 10 (1961) 103; --
Dendrobium chrysographatum Ames, Orchidaceae 5 (1915) 119; --Ames in Merr., EPFP 1 (1924) 346.
--Type:

Philippines.

Flickeringia comata (Blume) AD Hawkes, Orchid Weekly 2(46) (1961) 453; --Ephemerantha comata
(Blume) PF Hunt & Summerh., Taxon 10 (1961) 103; --Dendrobium comatum (Blume) Lindl., Gen. Sp.
Orchid. Pl. (1830) 76; --Desmotrichum comatum Blume, Bijdr. (1825) 329. --Type:

Flickeringia fimbriatolabellum (Hayata) AD Hawkes, Orchid Weekly 2(46) (1961) 454; --Ephemerantha
fimbriatolabella (Hayata) PF Hunt & Summerh., Taxon 10 (1961) 104; --Dendrobium fimbriatolabellum
Extra-Philippine range.

Hayata, Icon. Pl. F.

Flickingeria convexa (Blume) AD Hawkes, *Orch. Weekly* 2(46) (1961) 453; --Desmotrichum convexum Blume, *Bijd.* (1825) 330.

Flickingeria eurorum (Ames) AD Hawkes, *Orch. Weekly* 2 (1961) 454; *Orquídea* (Rio de Janeiro) 27 (1965) 303; --Ephemerantha eurora (Ames) PF Hunt & Summerh., *Taxon* 10 (1961) 103; --Desmotrichum eurorum (Ames) AD Hawkes, *Lloydia* 20 (1957) 125; --Dendrobium eurorum Ames, *Orchidaceae* 5 (1915) 124; --Ames in Merr., *EPFP* 1 (1924) 348. --Type:

Philippines.

Flickingeria fimbriata (Blume) AD Hawkes, *Orch. Weekly* 2 (1961) 454; *Orquídea* (Rio de Janeiro) 27 (1965) 303; --Ephemerantha fimbriata (Blume) PF Hunt & Summerh., *Taxon* 10 (1961) 103; --Dendrobium fimbriatum (Blume) Lindl., *Gen. Sp. Orchid. Pl.* (1830) 76, nom. illeg.; --Desmotrichum fimbriatum Blume, *Bijdr.* (1825) 329.

Dendrobium plicatile Lindl., *Edwards's Bot. Reg.* 26 (1840) Misc. 10; --Ames in Merr., *EPFP* 1 (1924) 353.

Extra-Philippine range.

Flickingeria interjecta (Ames) AD Hawkes, *Orch. Weekly* 2 (1961) 454; *Orquídea* (Rio de Janeiro) 27 (1965) 304; --Ephemerantha interjecta (Ames) PF Hunt & Summerh., *Taxon* 10 (1961) 104; --Desmotrichum interjectum (Ames) AD Hawkes, *Lloydia* 20 (1957) 126; --Dendrobium interjectum Ames, *Orchidaceae* 5 (1915) 125; --Ames in Merr., *EPFP* 1 (1924) 350. --Type:

Philippines.

Flickingeria junctiloba Fessel & Lückel, *Orchidee* (Hamburg) 49 (1998) 254. --Type:
Philippines.

Flickingeria loheriana (Kraenzl.) W Suarez, *ined.*

Dendrobium loherianum Kraenzl., *Ann. k. k. Nat. Hofmus. Wien* 30 (1916) 62; --Ames in Merr., *EPFP* 1 (1924) 350. --Type:

Philippines.

Flickingeria luxurians (JJ Sm.) AD Hawkes, *Orch. Weekly* 2 (1961) 457; *Orquídea* (Rio de Janeiro) 27 (1965) 305; --Desmotrichum luxurians (JJ Sm.) Carr, *Gard. Bull. Straits Settlements* 7 (1932) 9; --Ephemerantha luxurians (JJ Sm.) PF Hunt & Summerh., *Taxon* 10 (1961) 105; --Dendrobium luxurians JJ Sm., *Bull. Jard. Bot. Buitenzorg*, III, 3 (1921) 288. --Type:

Philippines.

Flickingeria praetermissa W Suarez & Cootes, *Philipp. Orch. Rev.* 15(2) (2007) 19; --Dendrobium forcipatum Ames, *ined.*, *non* *Dendrobium forcipatum* JJ Sm., 1920. --Type: Wenzel 65 (AMES, holo). Leyte: Leyte prov., Dagami, Puguahaan, 17 May 1913.

Flickingeria xantholeuca auctt., *non* (Reichb.f.) AD Hawkes.

- [*Flickingeria praetermissa* W.Suarez & Cootes](#) -- *Philipp. Orchid Rev.* 15(2): 19. 2007

LUZON: Nueva Vizcaya, Laguna, Quezon, LEYTE: Leyte (Dagami, Puguahaan), MINDANAO: Davao del Sur. Lowland mixed dipterocarp forests, epiphytic on limbs of medium-sized to tall trees, in exposed sites, altitude 120- 280m.

Flickingeria pseudoconvexa (Ames) AD Hawkes, *Orch. Weekly* 2 (1961) 458; *Orquídea* (Rio de Janeiro)

27 (1965) 306; --Desmotrichum pseudoconvexum (Ames) AD Hawkes, *Lloydia* 20 (1957) 126; --Ephemerantha pseudoconvexa (Ames) PF Hunt & Summerh., *Taxon* 10 (1961) 105; --Dendrobium pseudoconvexum Ames, *Orchidaceae* 5 (1915) 135; --Ames in Merr., *EPFP* 1 (1924) 354. --Type:

Philippines.

Flickingeria purpureostelidia (Ames) AD Hawkes, *Orquídea* (Rio de Janeiro) 27 (1965) 306; --Desmotrichum purpureostelidium (Ames) AD Hawkes, *Lloydia* 20 (1957) 127; --Ephemerantha purpureostelidium (Ames) PF Hunt & Summerh., *Taxon* 10 (1961) 105; --Dendrobium purpureostelidium Ames, *Orchidaceae* 5 (1915) 136; Ames in Merr., *EPFP* 1 (1924) 354. --Type:

Flickingeria parietiformis (JJ Sm.) AD Hawkes, Orquidea (Mexico City) 27 (1965) 306.

Flickingeria scopa (Lindl.) Brieger in Schltr., Orchideen, ed. 3, 1(11-12) (1981) 742; --Desmotrichum scopa (Lindl.) Kraenzl. in Engl., Pflanzenreich, IV, 50 II B 21 (1910) 349; --Ephemerantha scopa (Lindl.) PF Hunt & Summerh., Taxon 10 (1961) 106; --Dendrobium scopa Lindl., Edwards's Bot. Reg. 28 (1842) Misc. 55; --Ames in Merr., EPFP 1 (1924) 354. --Type:

Extra-Philippine range?

Flickingeria unicornis (Ames) AD Hawkes, Orch. Weekly 2 (1961) 459; Orquidea (Rio de Janeiro) 27 (1965) 307; --Desmotrichum unicorn (Ames) AD Hawkes, Lloydia 20 (1957) 127; --Ephemerantha unicornis (Ames) PF Hunt & Summerh., Taxon 10 (1961) 106; --Dendrobium unicorn Ames, Orchidaceae 5 (1915) 140; --Ames in Merr., EPFP 1 (1924) 357.

Philippines.

Possible novelties:

Flickingeria sp. section **Bilobulatae**

Philippines.

solid pale yellow flowers

Flickingeria sp. section **Parietiformae**

Philippines.

Galeola Loureiro

Galeola nudifolia Lour., Fl. Cochinch. 2 (1790) 520.

Galeola pterosperma (Lindl.) Schltr., Bot. Jahrb. Syst. 45 (1911) 386; --Vanilla pterosperma Lindl. in Wall., Numer. List (1832) 7402.

Galeola kuhlii Reichb.f., Xenia Orchid. 2 (1865) 78; --Ames in Merr., EPFP 1 (1924) 262; --Holtum, Rev. Fl. Malaya 1 (1954) 99.

Sikkim, E Himalayas, Burma, Peninsular Malaysia, Java, and Sumatra. (G. kuhlii). BABUYAN ISLS (CAMIGUIN), LUZON: Rizal, Laguna, Quezon, Sorsogon, MINDORO, PANAY: Capiz, LEYTE, SAMAR, MINDANAO: Lanao, Davao. Widely distributed common species in the Philippines, altitude 75-180m.

Garayanthus Szlach = Cleisostoma

Gastrochilus D Don

Gastrochilus calceolaris (Buch.-Ham. ex JE Sm.) D Don, Prodr. Fl. Nepal. (1825) 32; --Aerides calceolare Buch.-Ham. ex Sm. in A.Rees, Cycl. 39 (1818) 11.

Gastrochilus philippinensis Ames, Orchidaceae 5 (1915) 231; --Ames in Merr., EPFP 1 (1925) 434.

Nepal, Sikkim, NE India, China (Yunnan, Guangdong), Indochina, Philippines. LUZON: Benguet (Baguio).

Gastrochilus sororius Schltr., Fedde Repert. Spec. Nov. Regni Veg. 12 (1913) 315.

Extra-Philippine range?

Gastrodia R Brown

Gastrodia javanica (Blume) Lindl., Gen. & Sp. Orch. (1840) 384; --Ames in Merr., EPFP 1 (1924) 268; --*Epiphanes javanica* Blume, Bijdr. (1825) 421.
In Sri Lanka(?) and Java. LUZON: Pampanga, **Tayabas**, MINDORO, PALAWAN, LEYTE, MINDANAO: Davao. Terrestrial, apparently more general in mountainous regions.

Gastrosiphon (Schlechter) MA Clements & DL Jones

Gastrosiphon ramosianus (J Dransf.) MA Clem. & DL Jones, Orchadian 13(10) (2002) 448.
Corybas ramosianus J Dransf., Kew Bull. 41 (1986) 611. --Type:
Philippines.

Gastrosiphon sp.
LUZON: Nueva Vizcaya.

Geodorum Jackson

Geodorum densiflorum (Lam.) Schltr., Repert. Spec. Nov. Regni Veg. Beih. 4 (1919) 259; --*Limodorum densiflorum* Lam., Encycl. 3 (1792) 516. --Type:
Geodorum nutans (C Presl) Ames, Orchidaceae 2 (1908) 164; --Ames in Merr., EPFP 1 (1924) 341; --*Dendrobium nutans* C Presl, Symb. Bot. 1: 34 (1831), *nom. illeg.* --Type:
Extra-Philippine range.
BABUYAN ISLS (DALUPIRI), LUZON: Nueva Vizcaya, Bataan, Rizal, Cavite, Laguna, Quezon, Camarines, Sorsogon, POLILLO, PALAWAN, BANCALAN, MASBATE, PANAY: Antique, NEGROS: Negros Oriental, BILIRAN, SAMAR, MINDANAO: Bukidnon, Davao. Terrestrial in secondary forests and open grasslands and other degraded habitats, altitude 0-300m.

Glomera Blume

Glomera merrillii Ames, PJS 8 c (1913, publ. 1914) Bot. 419; -- Ames in Merr., EPFP 1 (1924) 320. --Type:

Goodyera R Brown

Goodyera clausa (AA Eaton ex Ames) Schltr., Bot. Jahrb. Syst. 45 (1911) 392; --*Epipactis clausa* AA Eaton ex Ames, Orchidaceae 3 (1908) 41, t. 38; -- Ames in Merr., EPFP 1 (1924) 271. --Type:
LUZON: Mountain Province (Mt Data), Benguet, Tayabas, NEGROS: Negros Occidental.

Goodyera elmeri (Ames) Ames, Schedul. Orchid., Corrig. (1938) 37; --*Epipactis elmeri* Ames, Sched. Orchid. 6 (1924) 12, Fig. 3; --Ames in Merr., EPFP 1 (1923) 271.
LUZON: Sorsogon.

Goodyera fumata Thwaites, Enum. Pl. Zeyl. 4 (1861) 314;
Goodyera fumata Thwaites, Enum. Pl. Zeyl.: 314, 1861
Extra-Philippine range?

Goodyera luzonensis AMES, Orchidaceae 5 (1915) 26; --*Epipactis luzonensis* (Ames) Ames, in Merr., EPFP 1 (1924) 271. --Type:
LUZON: Quezon (Mt Banahaw), altitude c. 2000m.

Goodyera procera (Ker Gawl.) Hook., Exot. Fl. 1 (1823) t. 39; --*Neottia procera* Ker Gawl., Bot. Reg. 8

(1822) t. 639. –Type:
Goodyera philippinensis (Ames) Schltr., Bot. Jahrb. Syst. 45 (1911) 392; --Epipactis philippinensis Ames,
Orchidaceae 2 (1908) 60, text cut; --in Merr., EPFP 1 (1924) 271.

Extra-Philippine distribution?

LUZON: Mountain Province, Benguet, Zambales, Bataan, Cavite, Laguna, MINDORO.

Reasonably common in LUZON at 100-1100m altitude

Goodyera ramosii Ames, PJS 8 c (1913, publ. 1914) 409; --Epipactis ramosii Ames, Sched. Orchid. 6 (1923)
14;--in Merr., EPFP 1 (1924) 271. –Type:

CAMIGUIN. Mossy forest, on dead tree.

Goodyera rubicunda (Blume) Lindl., Edwards's Bot. Reg. 25 (1839) Misc. 61; --Hatusima, Mem. Fac. Agr.
Kagoshima Univ. 5 (1966) 63; --Epipactis rubicunda (Blume) AA Eaton, Proc. Biol. Soc. Wash. 21 (1908) 65;
--Ames in Merr., EPFP 1 (1924) 271; --Neottia rubicunda Blume, Bijdr. (1825) 408.

NE India, SW China, Taiwan, Ryukyus, Japan, across Malesia, Solomons, NE Australia, New
Caledonia, Fiji, Samoa and Tonga. In the Philippines: BATAN, LUZON (Laguna, Sorsogon),
PANAY (Capiz), NEGROS (Negros Oriental), MINDANAO (Lanao, Cotabato, Davao). Terrestrial
in damp forest, altitude 110-260m.

Goodyera viridiflora (Blume) Blume, Fl. Javae, n.s., 1 (1858) 34, pl. 9c Fig. 2; --Epipactis viridiflora (Blume)
Ames, Orchidaceae 2 (1908) 61; --Ames in Merr., EPFP 1 (1924) 272.

Xxxxxxx, Java, Philippines. LUZON: Benguet, Bataan, NEGROS: Negros Oriental, MINDANAO:
Davao. Epiphyte, up to 2000m altitude in Davao.

Grammatophyllum Blume

Grammatophyllum elegans Reichb.f., Gard. Chron. (1882) xxx.

Grammatophyllum martae Quisumb. ex Valmayor & Tiu, Philip. Orch. Rev. (1983) xxx

Grammatophyllum martae Quisumb. ex Valmayor & Tiu, *Phil. Orch. Rev.* 1983 (endemic)

Grammatophyllum measuresianum Sander, Gard. & Forest 2 (1889) 524.

Grammatophyllum measuresianum Sander, *Gard. & Forest* 2: 524, 1889 (endemic)

Grammatophyllum multiflorum Lindl., Edwards's Bot. Reg. 24 (1838) Misc. 46

forma multiflorum

Philippines.

forma citrinum

Grammatophyllum multiflorum var. *tigrinum* forma *citrinum* Hort.; --*Grammatophyllum scriptum* forma *citrinum*
Valmayor & Tiu in Valmayor, *Orchid. Philip.* 1 (1984) 218. Not validly published: without Latin description or type.

forma tigrinum Lindl., Edwards's Bot. Reg. 28 (1842) 28. –Type:

Grammatophyllum multiflorum var. *tigrinum* (Lindl.) Holttum, *Rev. Fl. Malaya* (1964) 531; --*Grammatophyllum*
Philippines.

Grammatophyllum scriptum (L.) Blume, Rumphia 4 (1848) 48; --Ames in Merr., EPFP 1 (1925) 399; --

Epidendrum scriptum L., *Sp. Pl. ed. 2* (1763) 1351. –Type:

var. scriptum

var. boweri (F Muell.) Schltr., *Repert. Spec. Nov. Regni Veg. Beih.* 1 (1912) 951; --*Grammatophyllum boweri*
F Muell., *S. Sci. Rec.* 3 (1883) 1.

Grammatophyllum speciosum Blume, Bijdr. (1825) 378, Fig. 20; --Ames in Merr., EPFP 1 (1925) 401. --
Type:

Grammatophyllum wallisii Reichb.f., Linnaea 41 (1877) 107. --Type:
Philippines.

Possible novelty:

Grammatophyllum sp.

MINDORO. Possibly endemic.

Grastidium Blume

Grastidium acuminatissimum Blume, Bijdr. (1825) 333. --Type:
Dendrobium acuminatissimum (Blume) Lindl., Gen. & Sp. Orch. (1830) 86; --Ames in Merr., EPFP 1 (1924) 342;
Extra-Philippine range.

Grastidium agusanense (Ames) MA Clem. & DL Jones, Lasianthera 1 (1997) 57; --Dendrobium
agusanense Ames, Sched. Orchid. 6 (1923) 79; --Ames in Merr., EPFP 1 (1924) 343. --Type: Elmer 12462
MINDANAO: Agusan del Norte. Altitude 330m.

Grastidium alagense (Ames) MA Clem. & DL Jones, Lasianthera 1 (1997) 57; --Dendrobium alagense
Ames, PJS 2 c (1907) Bot. 328. --Type:
Philippines.

Grastidium aliciae (Ames & Quisumb.) MA Clem. & DL Jones, Lasianthera 1 (1997) 58; --Dendrobium
aliciae Ames & Quisumb., PJS 52 (1934) 443. --Type:
Philippines.

Grastidium blanche-amesiae (AD Hawkes & AH Heller) MA Clem. & DL Jones, Lasianthera 1
(1997) 64; --Dendrobium blanche-amesiae AD Hawkes & AH Heller, Lloydia 20 (1957) 119. --Type:
Philippines.

Grastidium chlorinum MA Clem. & Cootes, OrchideenJournal 16(1) (2009) 25.

- [Grastidium chlorinum M.A.Clem. & Cootes](#) -- Orchideen J. 16(1): 24 (-25; fig.). 2009 [16 Feb 2009]
Philippines.

Grastidium leytense (Ames) MA Clem. & DL Jones, Lasianthera 1 (1997) 89; --Dendrobium leytense
Ames, Orchidaceae 5 (1915) 126; --Ames in Merr., EPFP 1 (1924) 350. --Type:
LEYTE. Epiphytic in forest, altitude 60-500m.

Grastidium luzonense (Lindl.) MA Clem. & DL Jones, Lasianthera 1 (1997) 89; --Dendrobium luzonense
Lindl., Bot. Reg. 30 (1844) Misc. 54; --Ames in Merr., EPFP 1 (1924) 351. --Type:
LUZON: Kalinga, Benguet, Sorsogon, CATANDUANES, MINDORO, LEYTE, MINDANAO:
Lanao, Davao, Agusan. Epiphytic, sea-level to 1300m. Fairly common.

Grastidium ornithoflorum (Ames) MA Clem. & DL Jones, Lasianthera 1 (1997) 95; --Dendrobium
ornithoflorum Ames, Orchidaceae 3 (1908) 60, t. 46; --Ames in Merr., EPFP 1 (1924) 352. --Type: FB 4627
Mearns & Hutchinson.
MINDANAO: Misamis Occidental (Mt Malindang). Altitude 1900m.

Grastidium pergracile (Ames) MA Clem. & DL Jones, Lasianthera 1 (1997) 97; --Dendrobium pergracile
Ames, PJS 8 c (1913) Bot. 423; --Ames in Merr., EPFP 1 (1924) 353. --Type: MS Clemens 999
MINDANAO: Lanao del Sur (Camp Keithley).

Grastidium verruculosum (Ames) MA Clem. & DL Jones, xxxxx

Dendrobium verruculosum Ames, PJS 8 c (1913) Bot. 426; --Ames in Merr., EPFP 1 (1924) 357. --Type: Lyon 143 (AMES*, holo; iso: AMES*). Philippine Islands, no precise locality given, 1909.

LUZON: Ilocos Norte, LEYTE. Epiphytic.

Not in Cootes' (2006 & 2008) Checklists.

Grosourdya Reichenbach *filius*

Grosourdya appendiculata (Blume) Reichb.f., Xenia Orchid. 2 (1868) 123; --*Pteroceras appendiculata* (Blume) Holttum, Kew Bull. 14 (1960) 269; --*Sarcochilus appendiculatus* (Blume) JJ Sm. Fl. Buitenz. 6 (Orch.

Jav.) (1905) 564; --Ames in Merr., EPFP 1 (1925) 406; --*Thrixspermum appendiculatum* (Blume) Kuntze, Rev. Gen. Pl. 2 (1891) 682; --*Dendrocolla appendiculata* Blume, Bijdr. (1825) 289. --Type:

Extra-Philippine range.

Grosourdya muscosa (Rolfe) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 181; --*Sarcochilus muscosus* Rolfe, Bull. Misc. Inform. Kew (1893) 7. --Type:

Extra-Philippine range.

Grosourdya stigmata W Suarez, ined.
Philippines.

Grosourdya triperca (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 23, 4 (1972) 181; --*Sarcochilus tripercus* Ames, Orchidaceae 7 (1922) 125; --Ames in Merr., EPFP 1 (1925) 408. --Type:

Extra-Philippine range.

Habenaria Willdenow

Habenaria alagensis Ames, PJS 2 c (1907) Bot. 312; Ames in Merr., EPFP 1 (1923) 255. --Type:
Habenaria luzonensis (Ames) Ames in Elmer, LPB 5 (1912) 1550. --Type :

LUZON: Quezon, Sorsogon, CATANDUANES, MINDORO, LEYTE, CAMIGUIN.

Terrestrial, apparently near streams, up to 300m in MINDORO.

Habenaria aristulifera Reichb.f., Bonplandia 3 (1855) 213; Ames in Merr., EPFP 1 (1924) 256.
Habenaria cumingii Kraenzl. & Schltr. in Kraenzl., Orchid. Gen. Sp. 1 (1898) 262.

LUZON: Rizal, Laguna, ALABAT, MINDANAO: Davao.

Habenaria boadanensis Ames, Orchidaceae 7 (1922) 153; Ames in Merr., EPFP 1 (1924) 256. --Type:
LUZON: Benguet (Mt Boadan). On open slopes at 2000m altitude.

Habenaria congesta Ames, Orchidaceae 2 (1908) 38, text cut; Ames in Merr., EPFP 1 (1924) 256.
LUZON (**Lepanto**), PANAY: Antique, GUIMARAS, BUSUANGA, CULION, MINDANAO: Zamboanga, JOLO. Apparently in dry open situations at low altitude.

Habenaria curranii Ames, PJS 7 c (1912) Bot. 2; Ames in Merr., EPFP 1 (1924) 256.
LUZON: Cagayan (Lallo, edge of forest, altitude 50m). Benguet (Sablan).

Habenaria dentata (Sw.) Schltr., Repert. Spec. Nov. Regni Veg. Beih. 4 (1919) 125; --*Orchis dentata* Sw., Kongl. Vetensk. Acad. Nya Handl. 21 (1800) 207.

Extra-Philippine range.

Habenaria diphylla (Nim.) Dalz. in Hook., J. Bot. Kew Gard. Misc. 2 (1850) 262; --Ames in Merr., EPFP 1 (1924) 257; --Liparis diphyllus Nimmo in J. Graham, Cat. Pl. Bombay (1839) 252.
India, Philippines: LUZON: Ilocos Norte, Rizal, Laguna.

Habenaria falcigera Reichb.f., Linnaea 41 (1876, publ. 1877) 100; --Ames in Merr., EPFP 1 (1924) 257.
--Type:
LUZON: Mountain Province, Benguet.

Habenaria hystrix Ames, Orchidaceae 2 (1908) 35; --Ames in Merr., EPFP 1 (1924) 258. --Type:
Borneo (Sabah), Philippines. LUZON: Bataan, Rizal, Cavite, Laguna, Batangas, Quezon, Sorsogon, SIKUIJOR, DUMARAN, MINDANAO: Zamboanga. A rather widely distributed species in the Philippines and fairly common in LUZON at c. 120-300m altitude

Habenaria intrudens Ames, Sched. Orchid. 6 (1923) 1, Fig. 1; --Ames in Merr., EPFP 1 (1924) 258. --Type:
LUZON: Benguet, Bulacan, Rizal. Altitude 90-100m.

Habenaria leibergii Ames, Orchidaceae 2 (1908) 34, text cut; -- Ames in Merr., EPFP 1 (1924) 258. --Type:
LUZON: Ilocos Norte, Mountain Province, Bataan, Rizal. Montane regions.

Habenaria lingulosa Ames, Orchidaceae 2 (1908) 33, text cut; --Ames in Merr., EPFP 1 (1924) 258. --Type:
LUZON: Mountain Province, Benguet. Near streams in montane areas, altitude to 1400m.

Habenaria malintana (Blanco) Merr., Sp. Blancoanae (1918) 112; --Ames in Merr., EPFP 1 (1924) 258;
--Thelymitra malintana Blanco, Fl. Filip. (1837) 642. --Type:

- [Thelymitra malintana Blanco](#) -- Fl. Filip. [F.M. Blanco] 642. 1837

In Burma. LUZON: Mountain Province, Benguet, Nueva Vizcaya, Pangasinan, Tarlac, Zambales, Bataan, Rizal. A common species in LUZON, in the forest, up to 1300m in Mountain Province.

Habenaria mearnsii Ames, PJS 7 c (1912) Bot. 3; Ames in Merr., EPFP 1 (1924) 259. --Type:
LUZON: Benguet (Pauai and Mt Pulag), altitude c. 2300m.

Habenaria polytricha Rolfe, Hooker's Icon. Pl. 25 (1896) t. 2496.
Extra-Philippine range.

Habenaria ponerostachys Reichb.f., Bonplandia 3 (1855) 213; --Ames in Merr., EPFP 1 (1924) 259. --Type:
LEYTE, NEGROS, CAMIGUIN, MINDANAO: Cotabato. Terrestrial in forest, 230-1600m altitude.

Habenaria reticulata Ames, Orchidaceae 7 (1922) 154; --Ames in Merr., EPFP 1 (1924) 259. --Type:
LUZON: Benguet (Mt Pulogloko). Open pine slopes, altitude 2000m.

Habenaria rhodocheila Hance

ssp. philippinensis (Ames) Christenson, Lindleyana 7 (1992) 90; --Habenaria militaris var. philippinensis
Ames, Orchidaceae 2 (1908) 40; --Ames in Merr., EPFP 1 (1924) 259. --Type:
MINDANAO: Zamboanga, Cotabato, Davao. Terrestrial in damp soil, altitude 60-1000m.

Habenaria robinsonii Ames, PJS 7 c (1912) Bot. 5; --Ames in Merr., EPFP 1 (1924) 259. --Type:
LUZON: Laguna, Batangas, Quezon.

Habenaria rosulata Ames, PJS 7 c (1912) Bot. 5; --Ames in Merr., EPFP 1 (1924) 259. --Type:
LUZON: Quezon (Quinatacutan).

Habenaria rumphii (Brongn.) Lindl., Gen. Sp. Orchid. Pl. (1835) 320; --Platanthera rumphii Brongn. in LI
Duperrey, Voy. Monde (1834) 194.
Extra-Philippine range.

Habenaria stenopetala Lindl., Gen. Sp. Orchid. Pl. (1835) 319.
Habenaria delessertiana Kraenzl., Ann. Conserv. Jard. Bot. Geneve 1 (1897) 108; --Ames in Merr., EPFP 1
(1924) 257. --Type:
Extra-Philippine range.
As H delessertiana: LUZON: Laguna (Calauan), MINDANAO: Lanao del Sur (Camp Keithley).

Habenaria vanoverberghii Ames, Orchidaceae 5 (1915) 15; --Ames in Merr., EPFP 1 (1924) 259. --Type:
LUZON: Mountain Province. In wet soil at 1300m altitude.

Habenaria warburgiana Kraenzl., Orch. Gen. et Sp. 1 (1898) 467; --Ames in Merr., EPFP 1 (1924) 259.
LUZON: Ilocos Norte, Mountain Province, Zambales. Up to 1300m altitude in Mountain
Province.
Philippines.

Habenaria zephyrica Ames, Orchidaceae 5 (1915) 16; --Ames in Merr., EPFP 1 (1924) 259.
MINDANAO: Lanao del Sur (Camp Keithley). Terrestrial.

Herminium Linnaeus

Herminium lanceum (Thunb. ex Sw.) Vuijk., Blumea 11 (1961) 228; --Spiranthes lancea (Thunb. ex Sw.)
Bakh.f. & Steenis, Blumea 6 (1950) 361; --Ophrys lancea Thunb. ex Sw., Kongl. Vetensk. Acad. Nya Handl.
21 (1800) 223. --Type:
Herminium angustifolium (Lindl.) Benth. ex Hook.f., Fl. Brit. Ind. 6 (1890) 129; --Ames in Merr., EPFP 1 (1923)
255; --Aceras angustifolium Lindl., Edwards's Bot. Reg. 18 (1832) t. 1525. --Type:
India, China, Japan, Java, Philippines: LUZON: Mountain Province, **Lepanto**, Benguet.
Reasonably common in this region, c. 2000-2300m.

Herpysma Lindley =Kuhlhasseltia

Hetaeria Blume

Hetaeria anomala (Lindl.) Reichb.f., Trans. Linn. Soc., Bot. 30 (1874) 142; --Ormerod, Taiwania 49(3) (2004)
177 ; --Aetheria anomala Lindl. J. Linn. Soc. Bot. 1 (1857) 185. --Type from India (Assam).
NE India, Burma, Thailand, Vietnam, SE China, Taiwan, Malaysia, Indonesia, Philippines.
MINDORO: Mindoro Occidental (Mt Sablayan, *FB 11031 Merritt*, AMES). Newly recorded to the
Philippines by Ormerod.

Hetaeria elata Hook.f., Fl. Brit. India 6 (1890) 116; --Ormerod, Taiwania 49(3) (2004) 177. --Type from
Peninsular Malaysia (Perak).
Sumatra(?), Peninsular Malaysia, Borneo (Sabah), C Philippines.

NEGROS: Negros Oriental (Cuernos Mtns, *Elmer 10149*, AMES). Ormerod states uncertainty in the identification of the Philippine material which has poorly preserved immature flowers.

Hetaeria oblongifolia Blume, Bijdr. (1825) 410; Fl. Jav. Orch. (1858) 85 (Orch. Arch. Ind. 102), t. 32, Fig. 3; --Ames in Merr., EPFP 1 (1923) 278. --Type:

In Java, Moluccas Islands, New Guinea, and possibly Samoa. LUZON: Ilocos Norte, Cagayan, Benguet, Rizal, Laguna, Quezon, MINDORO, PALAWAN, BALABAC, TICAPO, NEGROS: Negros Oriental, MINDANAO: Zamboanga, Lanao. A common and widely distributed species in the Philippines. Terrestrial in forest at 30-90m altitude.

Hippeophyllum Schlechter

Hippeophyllum wenzelii Ames, PJS 8 c (1913, publ. 1914) Bot. 413; --Ames in Merr., EPFP 1 (1924) 310. --Type:

Possible novelty:

Hippeophyllum sp.

LUZON: Nueva Vizcaya, possibly endemic.

Hylophila Lindley

Hylophila lanceolata (Blume) Miq., Fl. Ned. Ind. 3 (1859) 746; --Dicerostylis lanceolata Blume, Fl. Jav. Orch. (1858) 98 (Orch. Arch. Ind. 116) t. 38, Fig. 1, 1-11; --Ames in Merr., EPFP 1 (1924) 272.

Peninsular Malaysia, Java, Borneo, Philippines: BATAN: Basco, near Mt Iraya, in mossy forest.

Hylophila rubra Ames, Orchidaceae 2 (1908) 65; --Dicerostylis rubra (Ames) Schltr. in Engl., Bot. Jahrb. 45 (1911) 392; --Ames in Merr., EPFP 1 (1924) 273. --Type:

LUZON: Laguna, MINDORO: Mindoro Oriental (Mt Halcon), PANAY: Antique, SIBUYAN (Mt Giting-giting). Terrestrial, up to 1450m.

Hymenorchis Schlechter

Hymenorchis vanoverberghii (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 182; --Saccobolium vanoverberghii Ames, Orchidaceae 5 (1915) 230; --Ames in Merr., EPFP 1 (1925) 432. --Type: Philippines.

Kingidium PF Hunt

Kingidium philippinense (Ames) O Gruss & Roellke, Orchidee (Hamburg) 46 (1995) 115; --Kingiella philippinensis (Ames) Rolfe, Orchid Rev. 25 (1917) 197; --Doritis philippinensis Ames, Orchidaceae 2 (1908) 235. --Type: Philippines.

Kingiella Rolfe *non* Tieghem =Phalaenopsis

Kuhlhasseltia JJ Smith

Kuhlhasseltia whiteheadii (Rendle) Ames, Orchidaceae 5 (1915) 32; --in Merr., EPFP 1 (1924) 273; --Zeuxine whiteheadii Rendle, J. Bot. 34 (1896) 358. --Type:

Kuhlhasseltia merrillii (Ames) Schltr., Repert. Spec. Nov. Regni Veg. 9 (1911) 437; --*Haemaria merrillii* Ames, PJS 2 c (1907) Bot. 315. --Type :

LUZON: Laguna (Mt Banahaw), MINDORO: Mindoro Oriental (Mt Mt Halcon). Terrestrial in mossy forest, altitude 1400-2000m.

Kuhlhasseltia yakushimense (Yamam.) Ormerod, Lindleyana 17 (2002) 209.
Extra-Philippine range.

Lecanorchis Blume

Lecanorchis javanica Blume, Ann. Mus. Bot. Lugd.-Bat. 2 (1856) 188; --Ames in Merr., EPFP 1 (1924) 264.
--Type from Java.

Java, Philippines, New Guinea. LUZON: Laguna, Sorsogon, LEYTE, MINDANAO: Agusan. Terrestrial, in damp forest, altitude 150-320m.

Lepidogyne Blume

Lepidogyne longifolia (Blume) Blume, Fl. Jav. Orch. (1858) 78 (Orch. Arch. Ind. 94) t. 25; --Ames in Merr., EPFP 1 (1924) 272; --*Neottia longifolia* Blume, Bijdr. (1825) 406.

Peninsular Malaysia, Java, and New Guinea. NEGROS (Negros Oriental), LEYTE. Terrestrial in mountain regions, 500-600m altitude in LEYTE.

Liparis Richard

Liparis amesiana Schltr., Fedde Reppert. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1911) 210; --Ames in Merr., EPFP 1 (1924) 310. --Type:
Philippines.

Liparis asinacephala W Suarez & Cootes, Austral. Orch. Rev. 73(4) (2008) 25. --Type:

● [*Liparis asinacephala* W.Suarez & Cootes](#) -- Austral. Orchid Rev. 73(4): 25 (figs.). 2008 [Aug 2008]
Philippines.

Liparis benguetensis (Ames) Schltr., Fedde Reppert. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1911) 210; --Ames in Merr., EPFP 1 (1924) 311. --*Cestichis benguetensis* Ames, Orchidaceae 1 (1905) 9. --Type:
Philippines.

Liparis bicuspidata JJ Sm., Icon. Bogor. 2 (1903) 45, t. 109-C: 1-2.
Extra-Philippine range

Liparis bontocensis Ames, Sched. Orchid. 6 (1923) 38; --Ames in Merr., EPFP 1 (1924) 311. --Type:
Philippines.

Liparis bootanensis Griff., Not. Pl. Asiat. 3 (1851) 278.

Liparis forbesii Ridl., J. Linn. Soc. 22 (1886) 283; --Ames in Merr., EPFP 1 (1924) 313. --Type:
Extra-Philippine range

Liparis caespitosa (Thouars) Lindl., Bot. Reg. 11 (1825) sub t. 882; --Ames in Merr., EPFP 1 (1924) 311; --*Malaxis caespitosa* Thouars, Hist. Orchid. (1822) t. 90.
Extra-Philippine range

Liparis carnicolor Ormerod, Taiwania 53(2) (2008) 158.
Philippines

Liparis clemensiae (Ames) Ames, Orchidaceae 5 (1915) 79; --Ames in Merr., EPFP 1 (1924) 312;
--Cestichis clemensiae Ames, PJS 4 c (1909) Bot. 666. --Type:
Not in Cootes 2008 checklist.

Liparis compressa (Blume) Lindl., Gen. & Sp. Orch. (1830) 32; --Ames in Merr., EPFP 1 (1924) 312;
--Malaxis compressa Blume, Bijdr. (1825) 390. --Type:
Extra-Philippine range.

Liparis condylobulbon Reichb.f., Hamburger Garten- Blumenzeitung 18 (1862) 34.
Liparis confusa JJ Sm., Fl. Buitenz. 6 (Orch. Jav.) (1905) 275; --Ames in Merr., EPFP 1 (1924) 312. --Type:
Extra-Philippine range

Liparis cumingii Ridl., J. Linn. Soc. 22 (1886) 292; --Ames in Merr., EPFP 1 (1924) 312. --Type:
Extra-Philippine range

Liparis distans CB Clarke, J. Linn. Soc., Bot. 25 (1889) 71. --Type:
Extra-Philippine range

Liparis disticha (Thouars) Lindl., Bot. Reg. 11 (1825): t. 882 ; --Malaxis disticha Thouars, Hist. Orchid.
(1822) t. 89. --Type :
Liparis propinqua Ames, Orchidaceae 7 (1922) 110; --Ames in Merr., EPFP 1 (1924) 316. --Type:
Extra-Philippine range

Liparis dumaguettensis Ames, Orchidaceae 5 (1915) 80; --Ames in Merr., EPFP 1 (1924) 312; --Liparis
elmeri Ames, in Elmer, LPB 5 (1912) 1561, *nom. illeg.*, *non* Cestichis elmeri Ames (1905). --Type:
Philippines.

Liparis elegans Lindl., Gen. Sp. Orchid. Pl. (1830) 30.
Liparis stricta JJ Sm., Bull. Dept. Agr. Ind. Neerl. 5 (1907) 3; --Ames in Merr., EPFP 1 (1924) 316. --Type:
Extra-Philippine range

Liparis elliptica Wight, Icon. Pl. Ind. Orient. 5 (1851) t. 1735; --Ormerod, Taiwania 49(3) (2004) 177. --Type
from India (Nilgiri Hills).
Liparis lyonii Ames, Orchidaceae 5 (1915) 81; --Ames in Merr., EPFP 1 (1924) 314; --Cestichis lyonii Ames, PJS 6 c
(1911) Bot. 47. --Type : B Lyon 155 (AMES*, holo). Luzon : Benguet prov., Baguio.
Sri Lanka, India, Taiwan, Thailand, Java, N Philippines, New Caledonia, Fiji.
LUZON: Mountain Province, Benguet.

Liparis elmeri (Ames) Schltr., Fedde Reppert. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1911) 210; --Ames in
Merr., EPFP 1 (1924) 313; --Cestichis elmeri Ames, Orchidaceae 1 (1905) 10. --Type :
Philippines.

Liparis fragilis Ames, Orchidaceae 5 (1915) 80; --Ames in Merr., EPFP 1 (1924) 313; --Cestichis fragilis Ames,
PJS 8 c (1913) Bot. 412. --Type :
Philippines.

Liparis grandis Ames & Schweinf., Orch. 6 (1920) 87.
Extra-Philippine range

Liparis grossa Reichb.f., Gard. Chron., n.s., 19 (1883) 110. --Type :

Extra-Philippine distribution?

Liparis halconensis (Ames) Ames, Orchidaceae 5 (1915) 80; --Ames in Merr., EPFP 1 (1924) 313; --
Cestichis halconensis Ames, PJS 2 c (1907) Bot. 321. --Type :
Philippines.

Liparis jarensis Ames, Orchidaceae 6 (1920) 293; --Ames in Merr., EPFP 1 (1924) 313. --Type:
Not in Cootes 2008 Checklist.

Liparis latifolia (Blume) Lindl., Gen. Spec. Orch. Pl. (1830) 30; --Malaxis latifolia Blume Bijdr. (1825) 393, *non*
Sm. in Rees Cycl. 22 (1819) no. 3.
Extra-Philippine range

Liparis leytensis Ames, Orchidaceae 5 (1915) 80; --Ames in Merr., EPFP 1 (1924) 313. --Type:
Philippines.

Liparis linearifolia (Ames) Ames, Orchidaceae 5 (1915) 81; --Ames in Merr., EPFP 1 (1924) 313; --Cestichis
linearifolia Ames in Elmer, LPB 5 (1912) 1563. --Type :
Philippines.

Liparis magnicallosa Ames, Orchidaceae 7 (1922) 108; --Ames in Merr., EPFP 1 (1924) 314.
Philippines.

Liparis merrillii (Ames) Schltr., Fedde Reppert. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1911) 210; --Ames in
Merr., EPFP 1 (1924) 314; --Cestichis merrillii Ames, Orchidaceae 1 (1905) 11. --Type :
Philippines.

Liparis monophylla Ames, Orchidaceae 6 (1920) 294; --Ames in Merr., EPFP 1 (1924) 314. --Type:
Not in Cootes' (2006 & 2008) Checklists.

Liparis negrosiana Ames in Elmer, LPB 5 (1912) 1562; --Ames in Merr., EPFP 1 (1924) 314. --Type:
Philippines.

Liparis nervosa (Thunb.) Lindl., Gen. Sp. Orchid. Pl. (1830) 26; --Ophrys nervosa Thunb. in Murray, Syst.
Veg. ed. 14 (1784) 814.
Extra-Philippine range

Liparis nutans Ames, Orchidaceae 5 (1915) 81; --Ames in Merr., EPFP 1 (1924) 315; --Cestichis nutans Ames,
PJS 4 c (1909) Bot. 597. --Type:
Philippines.

Liparis palawanensis Ames, Sched. Orchid. 6 (1923) 39; --Ames in Merr., EPFP 1 (1924) 315. --Type:
Philippines.

Liparis pallida (Blume) Lindl., Gen. & Sp. Orch. (1830) 31; --Ames in Merr., EPFP 1 (1924) 315; --Malaxis
pallida Blume, Bijdr. (1825) 391. --Type:
Extra-Philippine range

Liparis parviflora (Blume) Lindl., Gen. & Sp. Orch. (1830) 31; --Ames in Merr., EPFP 1 (1924) 315;
--Malaxis parviflora Blume, Bijdr. (1825) 392. --Type:
Extra-Philippine range

Liparis pectinata Ridl., J. Linn. Soc., Bot. 22 (1886) 277; --Ames in Merr., EPFP 1 (1924) 315. --Type:

Extra-Philippine range

Liparis philippinensis (Ames) Schltr., Fedde Reppert. Spec. Nov. Regni Veg. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1911) 210; --Ames in Merr., EPFP 1 (1924) 315; --Cestichis philippinensis Ames, Orchidaceae 1 (1905) 7. --Type:
Philippines.

Liparis prava Ames, Orchidaceae 7 (1922) 109; --Ames in Merr., EPFP 1 (1924) 316. --Type:
Philippines.

Liparis rizalensis Ames, Orchidaceae 6 (1920) 295; --Ames in Merr., EPFP 1 (1924) 316. --Type:
Philippines.

Liparis tricallosa Reichb.f., Gard. Chron. ii, 11 (1879) 684; --Ames in Merr., EPFP 1 (1924) 316.
Extra-Philippine range

Liparis trichoglottis (Ames) Schltr., Fedde Repert. Spec. Nov. Regni Veg. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1911) 203; --Ames in Merr., EPFP 1 (1924) 316; --Cestichis trichoglottis Ames, Orchidaceae 2 (1908) 139. --Type:
Philippines.

Liparis viridicallus Holttum, Gard. Bull. Sing. 14 (1953) 4.
Extra-Philippine range

Liparis viridiflora (Blume) Lindl., Gen. Sp. Orchid. Pl. (1830) 31; --Malaxis viridiflora Blume, Bijdr. (1825) 392. --Type:
Liparis longipes Lindl., in Wall. Pl. Asiat. Rar. 1 (1830) 31, t. 35; --Ames in Merr., EPFP 1 (1924) 313.
Extra-Philippine range

Liparis wenzelii Ames, Orchidaceae 5 (1915) 84; --Ames in Merr., EPFP 1 (1924) 316. --Type:
Not in Cootes 2008 Checklist.

Liparis wrayi Hook.f., Fl. Brit. India 6 (1891) 181, 108.
Extra-Philippine range

Insufficiently known:

Liparis fulgens Rolfe, Gard. Chron. 2 (1889) 620.

Possible novelties:

Liparis sp. aff. **philippinensis**
(green flowers, endemic?)

Liparis sp. section **Coriifoliae**
LUZON: Aurora, Nueva Vizcaya. Possibly endemic.

Liparis sp. section **Distichae**
LUZON: Laguna, possibly endemic.

Liparis sp. section **Liparis**
NEGROS: Negros Oriental. Possibly endemic.

Excluded taxa:

Liparis cauliflora Merr., LPB 6 (1913) 1960.

This is *Loranthus cauliflorus* Merr. (Loranthaceae) in the publication cited.

Ludisia A Richard

Ludisia discolor (Ker-Gawl.) Blume, Fl. Javae ns 1 (1858) 95; --Ormerod, Taiwania 49(3) (2004) 178; -- Goodyera discolor
Burma, China, Vietnam, Thailand, Peninsular Malaysia, Anambas Isls, Natuna Isls, Philippines.
PALAWAN (Brookes Point, *BS 81147 Taylor*, AMES).

Ludisia striata W Suarez and Cootes, ined.
Philippines.

Luisia Gaudichaud

Luisia cordatilabia Ames & Quisumb., PJS 52 (1934) 459. --Type:
Philippines.

Luisia foxworthii Ames, Orchidaceae 2 (1908) 222, text cut; --Ames in Merr., EPFP 1 (1925) 426. --Type:
Philippines.

Luisia ramosii Ames, PJS 6 c (1911) Bot. 55; --Ames in Merr., EPFP 1 (1925) 426. --Type: BS 7970.
LUZON: Cagayan, Zambales.

Luisia tristis (G Forst.) Hook.f., Fl. Brit. India 6 (1890) 25; --Epidendrum triste G Forst., Fl. Ins. Austr. (1786)
60. --Type:

Luisia teretifolia Gaudich. in Freyc. Voy. Uranie et Physic. (1829) Bot. 427, t. 37; --Ames in Merr., EPFP 1 (1925) 426.

--Type:

Luisia valida Reichb.f., Bonplandia 10 (1862) 335; --Ames in Merr., EPFP 1 (1925) 427. --Type:
Extra-Philippine range.

Uncertain occurrence in the Philippines:

Luisia curtisii Seidenf., Contr. Orchid Fl. Thailand 13 (1997) 49.

Possible novelty:

Luisia sp.

LUZON: Zambales.

Strongly heart-shaped, solid dark purple epichile.

Macodes (Blume) Lindley

Macodes petola (Blume) Lindl., Gen. & Sp. Orch. (1840) 497; --Ames in Merr., EPFP 1 (1924) 275;
--Neottia petola Blume, Bijdr. (1825) 407. --Type:

In Peninsular Malaysia and Java. LUZON: Laguna (Mt Makiling), Quezon (Mt Binuang),
MINDANAO (Agusan). Forest slope, altitude 300m on Mt Binuang.

Macropodanthus LO Williams

Macropodanthus philippinensis LO Williams, Bot. Mus. Leaf. 6 (1938) 104. –Type: Philippines.

Macropodanthus sp.
MINDORO. Possibly endemic.

Macropodanthus sp. (on Jim's book)

Malaxis Solander ex Swartz

Malaxis monophyllos (L.) Sw., Kongl. Vetensk. Acad. Nya Handl. 21 (1800) 234; --Ophrys monophyllos L., Sp. Pl. (1753) 947. –Type:
Extra-Philippine range?

Malleola JJ Smith & Schlechter

Malleola baliensis JJ Sm., Bull. Jard. Bot. Buitenz. ser. 3, 2 (1920) 118.
Java, Bali, Philippines. LUZON (E coast)

Malleola constricta Ames, Orchidaceae 5 (1915) 234; --Ames in Merr., EPFP 1 (1925) 434. –Type: Philippines.

Malleola eburnea Cootes and W Suarez, Austral. Orch. Rev. 72(3) (2007) 18. –Type:
• [Malleola eburnea W.Suarez & Cootes](#) -- Austral. Orchid Rev. 72(3): 18 (figs.). 2007 [Jun 2007]
Philippines.

Malleola lyonii Ames, Orchidaceae 5 (1915) 235; --Ames in Merr., EPFP 1 (1925) 434. –Type: Philippines.

Possible novelty:

Malleola acutilingua W Suarez, ined.
Philippines.

Malleola sp. aff. **eburnea**
Philippines.

Mastigion Garay, Hamer & Siegerist =Bulbophyllum

Megalotus Garay

Megalotus bifidus (Lindl.) Garay, Bot. Mus. Leaf. Harvard Univ. 23 (1972) 185; --Sarcanthus bifidus (Lindl.) Ames, Orchidaceae 5 (1915) 245; --Ames in Merr., EPFP 1 (1925) 436; --Saccolabium bifidum Lindl., Edwards's Bot. Reg. 24(Misc.) (1838) 3. –Type:
Philippines.

Micropera Lindley

Micropera edanoi Ormerod, Taiwania 53(2) (2008) 159. –Type:

- [*Micropera edanoi* Ormerod](#) -- Taiwania 53(2): 159 (-160; fig. 2). 2008 [Jun 2008]
Philippines.

Micropera loheri (LO Williams) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 186; --Camarotis loheri LO Williams, Bot. Mus. Leaflet. 5 (1937) 59. --Type:
Philippines.

Micropera philippinensis (Lindl.) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 186; --Camarotis philippinensis Lindl., J. Linn. Soc., Bot. 3 (1859) 37; --Ames in Merr., EPFP 1 (1925) 436. --Type:
Philippines.

Micropera utriculosa (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 187; --Camarotis utriculosa Ames, Orchidaceae 5 (1915) 244; --Ames in Merr., EPFP 1 (1925) 436. --Type:
var. utriculosa
Philippines.

var. diwata Arquiza, Austral. Orch. Rev. 71 (2006) 6, 39-40. --Type:

- [*Micropera utriculosa* \(Ames\) Garay var. *diwata* Lubag-Arquiza](#) -- Austral. Orchid Rev. 71(6): 39 (-40; figs.). 2006 [Dec 2006]
Philippines.

Microsaccus Blume

Microsaccus griffithii (Parish & Reichb.f.) Seidenf., Opera Bot. 95 (1988) 25; --Saccolabium griffithii Parish & Reichb.f., Trans. Linn. Soc. London 30 (1874) 145.
Microsaccus brevifolius JJ Sm., Icon. Bogor. 3 (1906) 63, t. 225; --Ames in Merr., EPFP 1 (1925) 442. --Type:
Extra-Philippine range?

Microsaccus wenzelii Ames, Orchidaceae 5 (1915) 257; --Ames in Merr., EPFP 1 (1925) 442. --Type:
Philippines.

Microtatorchis Schlechter

Microtatorchis aristata Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 187.
*Taeniophyllum bracteatum LO Williams, Bot. Mus. Leaflet. 5 (1938) 168. --Type:
Check if *M. aristata* is a nom. nov.
Extra-Philippine range

Microtatorchis compacta (Ames) Schltr., Repert. Spec. Nov. Regni Veg. 10 (1911) 209; --Taeniophyllum compactum Ames, Orchidaceae 2 (1908) 247, text cut; --Ames in Merr., EPFP 1 (1925) 442. --Type:
LUZON: Mountain Province, Benguet, NEGROS. Epiphyte up to 1700m in Mountain Province.

Microtis R Brown

Microtis unifolia (G Forst.) Reichb.f., Beitr. Syst. Pflanzenk. (1871) 62; --Ames in Merr., EPFP 1 (1924) 261; --Ophrys unifolia G.Forst., Fl. Ins. Austr. (1786) 59. --Type:
In Java and Australia. LUZON: Mountain Province, Benguet. Grassy slopes up to 1300m altitude in Mountain Province.

Mycaranthes Blume

Mycaranthes anceps (Leavitt) Cootes & W Suarez, *Austr. Orch. Rev.* 73 (2008) 3, 22; --*Eria anceps* Leavitt, *PJS* 4 c (1909) Bot. 219, 237, Fig. 18; --Ames in Merr., *EPFP* 1 (1924) 364. --Type: Philippines.

Mycaranthes candoonensis (Ames) Cootes & W Suarez, *Austr. Orch. Rev.* 73 (2008) 3, 22; --*Eria candoonensis* Ames, *Orchidaceae* 7 (1922) 101; --Ames in Merr., *EPFP* 1 (1924) 366. --Type: Philippines.

Mycaranthes citrina (Ridl.) Rauschert, *Feddes Repert. Spec. Nov. Regni Veg.* 94 (1983) 455; --*Eria citrina* Ridl., *Bull. Misc. Inform. Kew* (1924) 204. --Type: Extra-Philippine range

Mycaranthes clemensiae (Leavitt) Cootes & W Suarez, *Austr. Orch. Rev.* 73 (2008) 3, 22; --*Eria clemensiae* Leavitt, *PJS* 4 c (1909) Bot. 219, 238, Fig. 19; --Ames in Merr., *EPFP* 1 (1925) 371. --Type: Philippines.

Mycaranthes davaensis (Ames) Cootes & W Suarez, *Austr. Orch. Rev.* 73 (2008) 3, 22; --*Eria davaensis* Ames in Elmer, *LPB* 5 (1912) 1575; --Ames in Merr., *EPFP* 1 (1924) 367. --Type: Philippines.

Mycaranthes gigantea (Ames) Cootes & W Suarez, *Austr. Orch. Rev.* 73 (2008) 3, 22; --*Eria gigantea* Ames, *Orchidaceae* 2 (1908) 192, text cut; --Ames in Merr., *EPFP* 1 (1924) 368; --Cootes, *Orch. Philip.* (2001) 117. --Type: Philippines.

Mycaranthes lamellata (Ames) Cootes & W Suarez, *Austr. Orch. Rev.* 73 (2008) 3, 22; --*Eria lamellata* Ames in Elmer, *LPB* 5 (1912) 1577; --Ames in Merr., *EPFP* 1 (1925) 372. --Type: Philippines.

Mycaranthes leonardo Ferreras & W Suarez, *Austr. Orch. Rev.* 73 (2008) 3, 22. --Type: Philippines.

Mycaranthes longibracteata (Leavitt) Cootes & W Suarez, *Austr. Orch. Rev.* 73 (2008) 3, 22; --*Eria longibracteata* Leavitt, *PJS* 4 c (1909) Bot. 219, 238, Fig. 19; --Ames in Merr., *EPFP* 1 (1925) 371. --Type: Philippines.

Mycaranthes major (Ridl. ex Stapf) Cootes & W Suarez, *ined.* [*Austral. Orch. Rev.* (2008), in press]; --*Eria major* Ridl. ex Stapf, *Trans. Linn. Soc. ii*, 4 (1894) 237, *in syn.*; --Leavitt, *PJS* 4 c (1909) Bot. 218, 239; --Ames, *Orchidaceae* 5 (1915) 155; 6 (1920) 131; --Ames in Merr., *EPFP* 1 (1925) 371; MINDANAO: Misamis Occidental (Mt Malindang). Altitude 1750m.

Mycaranthes mindanaensis (Ames) Cootes & W Suarez, *Austr. Orch. Rev.* 73 (2008) 3, 22; --*Eria mindanaensis* Ames in Elmer, *LPB* 5 (1912) 1577; --Ames in Merr., *EPFP* 1 (1925) 372. --Type: Philippines.

Mycaranthes vanoverberghii (Ames) Cootes & W Suarez, *Austr. Orch. Rev.* 73 (2008) 3, 22; --*Eria vanoverberghii* Ames, *PJS* 7 c (1912) Bot. 20; --Ames in Merr., *EPFP* 1 (1925) 375. --Type: Philippines.

Mycaranthes sp.
NEGROS: Negros Oriental, long, pendent inflorescences.

Myrmechis Blume

Myrmechis gracilis (Blume) Blume, Fl. Jav. Orch. (1858) 64 (Orch. Arch. Ind. 77), t. 21, Fig. 2; --Ames in Merr., EPFP 1 (1924) 277; --*Anoectochilus gracilis* Blume, Bijdr. (1925) 413. --Type:

In Java and Japan. LUZON: Benguet, Bataan, MINDORO, MINDANAO: Misamis, Bukidnon, Davao. In mountain regions, up to 2100m altitude in Benguet, and 3300m altitude in MINDANAO.

Myrmechis perpusilla Ames, Sched. Orchid. 6 (1923) 15; --Ames in Merr., EPFP 1 (1924) 277. --Type: LUZON: Benguet.

Myrmechis philippinensis Ames, Orchidaceae 2 (1908) 64, text cut; --Ames in Merr., EPFP 1 (1924) 277. --Type:

LUZON: Bataan (Mt Mariveles). Terrestrial at 800m altitude.

Nephylaphyllum Blume

Nephylaphyllum mindorense Ames, PJS 2 c (1907) Bot. 316; --Ames in Merr., EPFP 1 (1924) 280. --Type: *Tainia mindorensis* (Ames) Gagnep., Bull. Mus. Natl. Hist. Nat., II, 4 (1932) 706.

LUZON: Nueva Ecija, MINDORO. Terrestrial on dry slopes and in humid forest, altitude 200-300m.

Nephylaphyllum pulchrum Blume, Bijdr. (1825) 373. --Type: Extra-Philippine range.

Possible novelty:

Nephelaphyllum sp.

NEGROS: Negros Oriental

Nervilia Commerson ex Gaudichaud

Nervilia aragoana Gaudich., in Freycinet. Voy. Uranie et Physic. Bot. (1829) 422, t. 35; --Ames in Merr., EPFP 1 (1924) 265. --Type:

India, Burma, Peninsular Malaysia, Java, Sumatra, and New Guinea, and said to extend to Samoa. LUZON: Zambales, Rizal, Laguna, MINDANAO: Lanao. Terrestrial, in forest.

Nervilia aragoana Gaud., *Voy. Uranie*: 422, 1829

Nervilia crocoformis (Zoll. & Moritzi) Seidenf., Dansk Bot. Ark. 32 (1978) 151; --*Bolborchis crociformis* Zoll. & Moritzi, Syst. Verz. (1846) 89. --Type:

Nervilia crispata (Blume) Schltr., in K Schum. & Lauterb., Nachtr. Fl. Deutsch. Schutzgeb. (1905) 82, in nota, in Engl., Bot. Jahrb. Guin.) (1911) 38; --Ames in Merr., EPFP 1 (1924) 266; --*Pogonia crispata* Blume, Ann. Mus. Bot. Lugd.-Bat. 1 (1849) 32. --Type:

In Java and German New Guinea. PALAWAN: Taytay. in forests in dry slopes.

Nervilia dilatata (Blume) Schltr., in Engl., Bot. Jahrb. Syst. 45 (1911) 402; --Ames in Merr., EPFP 1 (1924) 266; --*Pogonia dilatata* Blume, Coll. Orchid. (1858) t. 10. --Type:

In Borneo. LUZON (Benguet), BANCALAN. Grassy hillsides, c. 1600m altitude.

Nervilia plicata (Andrews) Schltr., Bot. Jahrb. Syst. 45 (1911) 403; --Arethusa plicata Andrews, Bot. Repos. 5 (1803) 321. --Type:
Nervilia discolor (Blume) Schltr., in Engl., Bot. Jahrb. 45 (1911) 403; --Ames in Merr., EPFP 1 (1924) 267; --Cordyla discolor Blume, Bijdr. (1825) 416. --Type:
As N discolor: In Java. LUZON (Mountain Province, Laguna, Batangas), PANAY (Antique), MINDANAO (Davao). Grassy hillsides, 350-1240m altitude.
Philippine occurrence doubtful, though certainly not improbable.

Nervilia pudica (Ames) xxxx
Pogonia pudica Ames, Orchidaceae 2 (1908) 44, text cut.

Neuwiedia Blume

Neuwiedia veratrifolia Blume in Hoov. & de Vriese, Tijdschr. Nat. Gesch. 1 (1834) 142; --Ames in Merr., EPFP 1 (1924) 252; --Holtum, Rev. Fl. Malaya 1 (1954) 64.
Sumatra to the Philippines.

Oberonia Lindley

Oberonia aporophylla Reichb.f., Bonplandia 3 (1855) 223; --Ames in Merr., EPFP 1 (1924) 307. --Type: Philippines.

Oberonia basilanensis Ames, Orchidaceae 5 (1915) 72; --Ames in Merr., EPFP 1 (1924) 307. --Type: Philippines.

Oberonia benguetensis Ames, PJS 7 c (1912) Bot. 8; --Ames in Merr., EPFP 1 (1924) 307. --Type: Philippines.

Oberonia cylindrica Lindl., Edwards's Bot. Reg. 26 (1840) Misc. 20; --Ames in Merr., EPFP 1 (1924) 308. --Type: Philippines.

Oberonia elmeri Ames, in Elmer, LPB 5 (1912) 1564; --Ames in Merr., EPFP 1 (1924) 308. --Type: Philippines.

Oberonia hispidula Ames, PJS 7 c (1912) Bot. 8; --Ames in Merr., EPFP 1 (1924) 308. --Type: Philippines.

Oberonia leytensis Ames, Orchidaceae 6 (1920) 291, t. 98; --Ames in Merr., EPFP 1 (1924) 308. --Type: Philippines.

Oberonia lipensis Ames, Orchidaceae 7 (1922) 114; --Ames in Merr., EPFP 1 (1924) 308. --Type: Philippines.

Oberonia luzonensis Ames, Orchidaceae 5 (1915) 74; --Ames in Merr., EPFP 1 (1924) 309. --Type: Philippines.

Oberonia lycopodioides (Koenig) Ormerod, Opera Bot. 124 (1995) 21; --Epidendrum lycopodioides Koenig in Retz., Observ. Bot. 6 (1791) 55. --Type:
Oberonia anceps Lindl., Sert. Orch. (1838) sub t. 8; --Ames in Merr., EPFP 1 (1924) 307.
Oberonia ancipita Naves in Blanco, Fl. Filip., ed. 3, 13A (1880) 230.

Oberonia macgregorii Ames, PJS 2 c (1907) Bot. 321; --Ames in Merr., EPFP 1 (1924) 309. --Type: Philippines.

Oberonia merrillii Ames, PJS 7 c (1912) Bot. 9; --Ames in Merr., EPFP 1 (1924) 309. --Type: Philippines.

Oberonia mindorensis Ames, PJS 2 c (1907) Bot. 322; --Ames in Merr., EPFP 1 (1924) 309. --Type: Philippines.

Oberonia minima Ames, Orchidaceae 5 (1915) 75; --Ames in Merr., EPFP 1 (1924) 309. --Type: Philippines.

Oberonia minutissima Ames, Orchidaceae 7 (1922) 115; --Ames in Merr., EPFP 1 (1924) 309. --Type: Philippines.

Oberonia monstrosa (Blume) Lindl., Gen. & Sp. Orch. (1830) 17; --Ames in Merr., EPFP 1 (1924) 309; --*Malaxis monstrosa* Blume, Bijdr. (1826) 895. --Type: Extra-Philippine range?

Oberonia mucronata (D Don) Ormerod & Seidenf. in G.Seidenf., Contr. Orchid Fl. Thailand 13 (1997) 20;

--*Stelis mucronata* D Don, Prodr. Fl. Nepal. (1825) 32.

Oberonia denticulata var. *iridifolia* (Roxb.) S Misra, J. Orchid Soc. India 3 (1989) 69; --*Oberonia iridifolia* (Roxb.) Lindl. in Wall. Cat. (1828) no. 1948, *pro parte*, Gen. Sp. Orchid. Pl. (1830) 15; --Ames in Merr., EPFP 1 (1924) 308;

--*Cymbidium iridifolium* Roxb., Fl. Ind. ed. 1832, 3 (1832) 458.

Extra-Philippine range?

Oberonia obesa Ames, Orchidaceae 5 (1915) 76; --Ames in Merr., EPFP 1 (1924) 309. --Type: Philippines.

Oberonia reilloi Ames, Sched. Orchid. 6 (1923) 40; --Ames in Merr., EPFP 1 (1924) 309. --Type: Philippines.

Oberonia rufilabris Lindl., Sertum Orchidearum (1838) t. 8A.
Extra-Philippine range?

Oberonia setigera Ames, PJS 7 c (1912) Bot. 10; --Ames in Merr., EPFP 1 (1924) 309. --Type: Philippines.

Oberonia surigaensis Ames, Orchidaceae 6 (1920) 292; --Ames in Merr., EPFP 1 (1924) 309. --Type: Philippines.

Oberonia thisbe Reichb.f., Bonplandia 3 (1855) 223; --Ames in Merr., EPFP 1 (1924) 310. --Type: Philippines.

Oberonia toppingii Ames, PJS 8 c (1913, publ. 1914) Bot. 413; --Ames in Merr., EPFP 1 (1924) 310. --Type: Philippines.

Oberonia wenzelii Ames, Orchidaceae 5 (1915) 77; --Ames in Merr., EPFP 1 (1924) 310. --Type: Philippines.

Octarrhena Thwaites

Octarrhena amesiana Schltr., Fedde Repert. 9 Spec. Nov. Regni Veg. (1911) 439; --Ames in Merr., EPFP 1 (1925) 392. --Type:

Octarrhena elmeri (Ames) Ames, Orchidaceae 5 (1915) 192; --Ames in Merr., EPFP 1 (1925) 392; --
Phreatia elmeri Ames, LPB 5 (1912) 1581. --Type:
Philippines.

Octarrhena ensifolia (Ames) Schltr., Fedde Repert. Spec. Nov. Regni Veg. 9 (1911) 217; --Ames in Merr.,
EPFP 1 (1925) 392; --Phreatia ensifolia Ames, Orchidaceae 2 (1908) 202. --Type:
Philippines.

Octarrhena gemmifera Ames, Orchidaceae 5 (1915) 193; --Ames in Merr., EPFP 1 (1925) 393. --Type:
Philippines.

Octarrhena parvula Thwaites, Enum. Pl. Zeyl. (1861) 305. --Type from xxxxxxx
Extra-Philippine range?

Omoea Blume

Omoea philippinensis Ames, Orchidaceae 5 (1915) 232; --Ames in Merr., EPFP 1 (1925) 434. --Type:
Philippines.

Oncidium Swartz -C

Orchipedum Breda, Kuhl & Hasselt

Orchipedum wenzelii (Ames) JJ Sm., Blumea 1 (1934) 214; --Philippinaea wenzelii (Ames) Ames & Schltr.
in Ames, Orchidaceae 6 (1920) 278, t. 100; --in Merr., EPFP 1 (1924) 275; --Adenostylis wenzelii Ames,
Orchidaceae 5 (1915) 41. --Syntypes:
LUZON: Benguet (Baguio), Isabela (Palanan).

Osyricera Blume =Bulbophyllum

Oxystophyllum Blume

Oxystophyllum cultratum (Schltr.) MA Clem., Telopea 10(1) (2003) 277; --Aporum cultratum (Schltr.) Rauschert, Fedde
Repert. 10 (1911) 71; --Ames in Merr., EPFP 1 (1924) 347; --Cootes, Orch. Philip. (2001) 74. --Type:
Burma, Peninsular Malaysia, Borneo, Philippines, Sulawesi, Papua New Guinea.
LUZON: Apayao, Kalinga, Ifugao, Pangasinan, Nueva Ecija, Bataan, Rizal, POLILLO, CULION,
PANAY, NEGROS: Negros Occidental, Negros Oriental, SIBUTU, BASILAN, MINDANAO:
Zamboanga, Bukidnon, Agusan del Norte, Surigao del Norte. Epiphytic, up to 1000m.

Oxystophyllum elmeri (Ames) MA Clem., Telopea 10(1) (2003) 277; --Dendrobium elmeri Ames in Elmer,
LPB 5 (1912) 1573; --Ames in Merr., EPFP 1 (1924) 348. --Type:
Philippines.

Pachystoma Blume

Pachystoma pubescens Blume, Bijdr. (1825) 376, t. 3, Fig. 29; --Ames in Merr., EPFP 1 (1924) 338.
Extra-Philippine range?

Paphiopedilum Pfitzer

Paphiopedilum acmodontum Schoser ex MW Wood, Orchid Rev. 84 (1976) 350. --Type:
NEGROS: Negros Oriental (Cuernos Mtns). Terrestrial, altitude to c. 1000m.

Paphiopedilum adductum Asher, Orchid Digest 47 (1983) 224. --Type:
MINDANAO: Davao Oriental (Mt Hamiguitan). Epiphytic, 1250-1350m.
Paphiopedilum adductum Asher, Orchid Digest 47: 224, 1983 (endemic)

Paphiopedilum anitum Golamco, Waling-Waling Rev. 6 (1998) 10. --Type:
Paphiopedilum adductum var. anitum (Golamco) Koop., Orchid Digest 64 (2000) 157.
Paphiopedilum anitum Golamco, Waling-Waling Rev. 6(2): 10, 1998 (endemic)

Paphiopedilum argus (Reichb.f.) Stein, Orchideenb. (1892) 453; --Cordula argus (Reichb.f.) Rolfe, Orch. Rev. 20 (1912) 2; --Ames in Merr., EPFP 1 (1924) 253; --Cypripedium argus Reichb.f., Gard. Chron. (1873) 608. --Type:
LUZON: Mountain Province, Benguet, Quezon, NEGROS: Negros Oriental, BOHOL. Grassy slopes, altitude 600-2200m.

Paphiopedilum argus (Reichb. f.) Stein, Orchid.-Buch: 453, 1892 (endemic)

Paphiopedilum argus fma. *moensii* (Linden) W Suarez

Paphiopedilum argus var. *paratanum* (Cavestro) W Suarez

Paphiopedilum barbatum Pfitzer, Pringsh. Jahrb. 19 (1888) 159. --Type:

Cordula barbata (Lindl.) Rolfe, Orch. Rev. 20 (1912) 2; --Ames in Merr., EPFP 1 (1924) 253

Peninsular Malaysia and Western Thailand. PALAWAN: Mt Victoria, forest on ultramafics, 930-1000m altitude.

Not in Cootes' (2006 & 2008) Checklists

Paphiopedilum ciliolare (Reichb.f.) Stein, Orchideenb. (1892) 462, Fig. 145; --Paphiopedilum superbiens subsp. ciliolare (Reichb.f.) MW Wood, Bot. Mag. 183 (1981) 52; --Cordula ciliolaris (Reichb.f.) Rolfe, Orch. Rev. 20 (1912) 2; --Ames in Merr., EPFP 1 (1924) 254; --Cypripedium ciliolare Reichb.f., Gard. Chron. (1882) (2) 488. --Type:

LUZON: Mountain Province, CAMIGUIN, MINDANAO: Agusan del Norte, Agusan del Sur, Surigao del Norte, Surigao del Sur, DINAGAT. Terrestrial, usually at the bases of shrubs, altitude 310-1830m.

Paphiopedilum ciliolare (Reichb. f.) Stein, Orchid.-Buch: 462, 1892 (endemic)

Paphiopedilum fowliei Birk, Orchid Digest 45 (1981) 63. --Type:

Paphiopedilum hennisianum var. fowliei (Birk) PJ Cribb, Genus Paphiopedilum (1987) 190.

Paphiopedilum fowliei forma christiana Braem, Orchidées Cult. Protect. 36 (1998) 36.

Paphiopedilum fowliei forma sangianum (Braem) O Gruss & Roeth, Caesiana 12 (1999) 60; --Paphiopedilum fowliei var. sangianum Braem, Schlechteriana 4 (1993) 52. --Type:

PALAWAN. Terrestrial at medium elevation of c. 700m.

Paphiopedilum fowliei Birk, Orchid Digest 45: 63, 1981 (endemic)

**Paphiopedilum fowliei* fma. *christiana* Braem, Orch. Cult. Protect. 36: 36, 1998 (endemic)

Paphiopedilum haynaldianum (Reichb.f.) Stein, Orchideenb. (1892) 470; --Cordula haynaldiana (Reichb.f.) Rolfe, C. Reichb.f., Xenia Orchid. 2 (1874) 222. --Type:

Paphiopedilum haynaldianum forma album Asher ex O Gruss & Roeth, Orchidee (Hamburg) 51 (xxxx) 749

LUZON: Apayao, Kalinga, Mountain Province, Benguet, Nueva Ecija, Tarlac, Rizal, NEGROS: Negros Occidental, MINDANAO: Surigao del Norte, Surigao del Sur. Usually lithophytic and frequently epiphytic, near sea level to 1500m altitude.

Paphiopedilum haynaldianum (Reichb. f.) Stein, *Orchid.-Buch*: 470, 1892 (endemic)

**Paphiopedilum haynaldianum* fma. *album* Asher ex Braem, *The Genus Paphiopedilum-Nat. Hist. Cult.* 1, 1998 (endemic)

Paphiopedilum haynaldianum var. *laurae* Golamco, *Waling-waling Rev.*, 10: 1, 36-39, 2002 (endemic)

Paphiopedilum hennisianum (MW Wood) Fowlie, Orchid Digest 41 (1977) 60; --Paphiopedilum barbatum var. hennisianum MW Wood, Orchid Rev. 84 (1976) 352. --Type:

Paphiopedilum hennisianum forma christiansenii (Gruss & Röth) Gruss & Röth, Caesiana 12 (1999) 59;

--Paphiopedilum hennisianum var. christiansenii O Gruss & Roeth, Orchidee (Hamburg) 47 (1996) 236.

--Type:

MINDANAO: Bukidnon. Terrestrial, altitude c. 500m.

Paphiopedilum hennisianum (M.W. Wood) Fowlie, *Orchid Digest* 41: 60, 1977 (endemic)

Paphiopedilum hennisianum fma. *christiansenii* (O. Gruss & Roeth) O. Gruss & Roeth, *Caesiana* 12: 59, 1999 (endemic)

Paphiopedilum x *mindanaense* Golamco (*P. anitum* x *P. superbiens*) (endemic)

Paphiopedilum philippinense (Reichb.f.) Stein, Orchideenb. (1892) 480; --Cordula philippinensis (Reichb.f.) Rolfe, Orch. Rev. 20 (1912) 2; --Ames in Merr., EPFP 1 (1924) 254; --Cypripedium philippinense Reichb.f., Bonplandia 10 (1862) 335. --Type:

Paphiopedilum philippinense forma album Valmayor & D.Tiu in HL Valmayor, Orchid. Philip. 1 (1984) 262, *nom. inval.*

Paphiopedilum philippinense (Reichb. f.) Stein, *Orchid.-Buch*: 480, 1892

var. philippinense

Borneo (Sabah and adjacent N Isls), Philippines. S LUZON, PALAWAN (APULIT IS.), NEGROS: Negros Occidental, CEBU, BOHOL, MINDANAO: Agusan del Norte, Surigao del Norte. Terrestrial, up to 500m, in fairly brightly-lit sites.

Paphiopedilum philippinense forma alboflavum O Gruss, *Orchidee* 51, 354, 2000

Paphiopedilum philippinense (Rchb.f.) Stein var. *compactum* O.Gruss, Roellke & Roeth -- Orchidee (Hamburg) 59(3-4): 318 (316-318; figs.). 2008 [Aug 2008]

var. roebbelenii (Veitch) PJ Cribb, Genus Paphiopedilum (1987) 100; --Cypripedium roebbelenii (Veitch) Reichb.f., Gard. Chron. 1883(2) 684; --Paphiopedilum roebbelenii (Veitch) Pfitzer, Bot. Jahrb. Syst. 19 (1894) 41. --Cypripedium philippinense var. roebbelenii Veitch, Man. Orchid. Pl. 4 (1881) 42. --Type:

LUZON: Rizal.

Paphiopedilum philippinense var. *roebelenii* (H.J. Veitch) P.J. Cribb, *The Genus Paphiopedilum* 100, 1987 (endemic)

Paphiopedilum randsii Fowlie Orchid Digest 33 (1969) 321. --Type:

MINDANAO: Agusan del Norte, Agusan del Sur, Surigao del Norte, Surigao del Sur. Epiphytic, low altitudes to c. 500m.

Paphiopedilum superbiens (Reichb.f.) Stein, Orchid.-Buch. (1892) 487.

Paphiopedilum urbanianum Fowlie, Orchid Digest 45 (1981) 131. --Type:

forma urbanianum

MINDORO: Mindoro Oriental. Terrestrial in fairly shaded sites, altitude 500-800m.

forma alboviride Braem, Orchidées Cult. Protect. 36 (1998) 36.

**Paphiopedilum urbanianum* fma. *alboviride* Braem, *Orch. Cult. Protect.* 36: 36, 1998 (endemic)

Paphiopedilum usitatum O Gruss & J Roeth, Orchidee (Hamburg) 50 (1999) 4.

Paphiopedilum parnatatum Cavestro, *Orchidées Cult. Protect.*, reimpr., 38 (1999) 30.

(As *P. Parnatanum*): LUZON: Tarlac. Terrestrial among mosses and grasses, altitude c. 700m.

Natural hybrid:

Paphiopedilum × expansum JT Atwood, *Orchid Rev.* 97(1148): 183 (1989).

= *P. hennisianum* × *P. philippinense*.

Philippines

Parapteroceras Averyanov = *Tuberolabium*

Pedilonum (Blume) Blume**Pedilonum amethystoglossum** (Reichb.f.) MA Clem, xxxx.

Dendrobium amythystoglossum Reichb.f., *Gard. Chron.* (1872) 109; --Ames in Merr., *EPFP* 1 (1924) 343; --Cootes, *Orch. Philip.* (2001) 66. --Type:

LUZON: Mountain Province, Benguet, Nueva Vizcaya, Nueva Ecija. Epiphytic, usually in brightly-lit sites, altitude over 1000m.

Pedilonum bursigerum (Lindl.) Rausch., Feddes Repert. 94 (1983) 458; --*Dendrobium bursigerum* Lindl., J.

Proc. Linn. Soc., Bot. 3 (1859) 16. --Type:

Dendrobium secundum Wall., *Cat.* (1828) No. 1996, *nomen*; --Lindl. in *Bot. Reg.* 15 (1829) t. 1291; --Ames in Merr., *EPFP* 1 (1924) 355; --Cootes, *Orch. Philip.* (2001) 89. --Type:

Himalayas, Burma, Thailand, Indochina, Sumatra, Peninsular Malaysia, Java, Borneo, LUZON: Bataan, Rizal, Camarines Norte, Camarines Sur, NEGROS: Negros Occidental, MINDANAO: Lanao del Sur, Davao del Sur, Agusan del Norte, Surigao. Epiphytic, altitude up to 500m.

Pedilonum nebularum (Schltr.) Rauschert, Feddes Repert. Spec. Nov. Regni Veg. 94 (1983) 461;

--*Dendrobium nebularum* Schltr., *Repert. Spec. Nov. Regni Veg. Beih.* 1 (1912) 540. --Type:

Extra-Philippine range.

Pennilabium JJ Smith**Pennilabium confusum** (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 189; --*Saccolabium confusum* Ames,

PJS 8 c (1913) Bot. 438; --Ames in Merr., *EPFP* 1 (1925) 432. --Type:

Pennilabium luzonense (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 189; --*Saccolabium luzonense* Ames,

PJS 8 c (1913) Bot. 435; --Ames in Merr., *EPFP* 1 (1925) 432. --Type:

Peristylus Blume

Peristylus copelandii (Ames) Carr., Gard. Bull. Straits Settlements. 8 (1935) 168; --Habenaria copelandii Ames, Orch. 2 (1908) 29, text cut; Ames in Merr., EPFP 1 (1924) 256. --Type:

LUZON: Mountain Province, Nueva Ecija, Bataan, Rizal, Cavite, Laguna, Batangas, PANAY, CULION, CORON. Altitude 15-1250m altitude.

Peristylus goodyerioides (D Don) Lindl., Gen. Sp. Orchid. Pl. (1835) 299; --Habenaria goodyeroides D Don, Prodr. Fl. Nepal. (1825) 25; --Ames in Merr., EPFP 1 (1924) 257. --Type:

India (Assam), Andaman Isls, Burma, Yunnan, Taiwan, Sumatra, Java, Borneo, Philippines, New Guinea. LUZON: La Union, Mountain Province, Benguet, Bataan, Rizal, Cavite, Laguna, PANAY: Antique, MINDANAO: Lanao, Bukidnon. A fairly common species in the Philippines, especially on LUZON, up to 1300m altitude in Mountain Province.

Peristylus lacertifer (Lindl.) JJ Sm., Bull. Jard. Bot. Buitenzorg, III, 9 (19xx) 23; --Coeloglossum lacertiferum Lindl., Gen. Sp. Orchid. Pl. (1835) 302. --Type:

Peristylus monticola (Ridl.) Seidenf., Dansk Bot. Ark. 31, 3 (1977) 35, Fig. 13; --Habenaria monticola Ridl., J. Linn. Soc., Bot. 32 (1896) 413. --Type:

Habenaria bisaeta Ames, Orchidaceae 2 (1908) 30, text cut; Ames in Merr., EPFP 1 (1924) 256. --Type:

Habenaria biloba (Rolfe) Schltr., Repert. Spec. Nov. Regni Veg. 21 (1925) 121; --Peristylus bilobus Rolfe, Bull. Misc. Inform. Kew (1899) 132.

LUZON: Mountain Province, Benguet. Terrestrial in mountain regions at about 1300-2300m altitude.

Phaius Loureiro

Phaius amboinensis Blume, Mus. Bot. Lugd.-Bat. 2 (1856) 180; --Ormerod, Taiwaniana 49(3) (2004) 178. --Type from Ambon.

Philippines, Ambon, Papua New Guinea, Solomon Isls, Palau, Vanuatu, New Caledonia, Fiji, Samoa, Cook Isls, Tahiti.

NEGROS: Negros Oriental (Cuernos Mtns, Lake Balinsasayao), JOLO (Mt Dajo). Altitude 610-975m.

Phaius borneensis JJ Sm., Icon. Bogor. 2 (1903) 6, t. 3, Fig. C; --Ormerod, Taiwaniana 49(3) (2004) 178. --Type from Borneo (Kalimantan).

Borneo (Sabah; Kalimantan), Philippines.

PALAWAN (Penigsan, S Olsen 257, C).

Phaius flavus (Blume) Lindl., Gen. & Sp. Orch. (1831) 128; --Ames in Merr., EPFP 3 (1924) 331; --Ormerod, Taiwaniana 49(3) (2004) 179; --Limodorum flavum Blume, Bijdr. (1825) 375. --Type from Java.

Phaius linearifolius Ames, PJS 7 c (1912) Bot. 10; --Ames in Merr., EPFP 3 (1924) 331. --Type: Vanoverbergh 1288 (AMES*, holo; iso in AMES 2 sheets*, L*, NY 2 sheets*, US*). Luzon: Mountain Province, growing in brooks, altitude 1650m, 28 Jun 1911.

India, Nepal, Bhutan, Burma, Thailand, Laos, Vietnam, China, Taiwan, Japan, Malaysia, Indonesia, Philippines, New Guinea, Vanuatu, New Caledonia, Samoa.

Phaius fragilis LO Williams, Bot. Mus. Leaflet. 6 (1938) 102.

Phaius lyonii Ames, Orchidaceae 5 (1915) 94; --Ames in Merr., EPFP 3 (1924) 332.

Phaius mindorensis Ames, PJS 2 c (1907) Bot. 324; --Ames in Merr., EPFP 3 (1924) 332.

Phaius mishmensis (Lindl. & Paxton) Reichb.f., Bonplandia 5 (1857) 43; --Limatodis mishmensis Lindl. & Paxton, Paxton's Fl. Gard. 3 (1852) 36.

Phaius philippinensis NE Br., Gard. Chron. iii, 6 (1889) 239; --Ames in Merr., EPFP 3 (1924) 332. --Type:

Phaius tankervilleae (Banks ex L'Herit.) Blume, Ann. Mus. Bot. Lugd.-Bat. 2 (1856) 177; --Limodorum tankervilleae Banks ex L'Hér., Sert. Angl. (1789) 28.

Phaius terrestris (L.) Ormerod, Austral. Orchid Rev. 59 (1994) 14; --Geodorum terrestre (L.) Garay, Harvard Pap. Bot. 2 (1997) 47; --Epidendrum terrestre L., Syst. Nat. ed. 2, 10 (1759) 1246.

Phajus =Phaius

Phalaenopsis Blume

Phalaenopsis amabilis (L.) Blume, Bijdr. (1825) 294, Fig. 44; --Ames in Merr., EPFP 1 (1925) 410; --HR Sweet, Amer. Orch. Soc. Bull. 38 (1969) 683; --Epidendrum amabile L., Sp. Pl. (1753) 953. --Type from Java. Australia (Queensland), New Guinea, Seram, Moluccas, Ambon, Buru, Timor, Kei, Sulawesi, Philippines, Borneo, Java, Menatawai Isls (off Sumatra). PALAWAN, BALABAC, LAMBUNGAN, BANCALAN, JOLO, TAWI-TAWI.

Phalaenopsis aphrodite Reichb.f., Hamburger Garten-Blumenzeitung 18 (1862) 35.

Phalaenopsis amabilis var. aphrodite (Reichb.f.) Ames, Orchidaceae 2 (1908) 226; --Ames in Merr., EPFP 1 (1925) 411.

Phalaenopsis amabilis var. aphrodite subvar. dayana (Hort. ex Warner & Will.) Ames, Orchidaceae 2 (1908) 227; --Ames in Merr., EPFP 1 (1925) 412.

Phalaenopsis amabilis var. aphrodite subvar. erubescens (Burb.) Ames, Orchidaceae 2 (1908) 227; --Ames in Merr., EPFP 1 (1925) 412.

Phalaenopsis amabilis var. aphrodite subvar. gloriosa (Reichb.f.) Ames, Orchidaceae 2 (1908) 227; --Ames in Merr., EPFP 1 (1925) 412.

Phalaenopsis amabilis var. aphrodite subvar. sanderiana forma punctata (O'Brien) Ames, Orchidaceae 2 (1908) 229; --Ames in Merr., EPFP 1 (1925) 413.

Phalaenopsis bastianii Gruss & Röhlke, Orchidee (Hamburg) 42 (1991) 76.

Phalaenopsis cornu-cervi (Breda) Blume & Reichb.f., Hamburger Garten-Blumenzeitung 16 (1860) 116; --Polychilos cornu-cervi Breda, Gen. Sp. Orchid. Asclep. (1827): t. s.n. --Type:

Phalaenopsis deliciosa Reichb.f., Bonplandia 2 (1854) 93; --Kingidium deliciosum (Reichb.f.) HR Sweet, Amer. Orchid Soc. Bull. 39 (1970) 1095.

Phalaenopsis equestris (Schauer) Reichb.f., Linnaea 22 (1849) 864; --Ames in Merr., EPFP 1 (1925) 413;

--Stauroglottis equestris Schauer, Nov. Actorum Acad. Caes. Leop.-Carol. Nat. Cur. 19, Suppl. 1 (1843) 432.

--Type:

Phalaenopsis rosea Lindl., Gard. Chron. (1848) 671.

Phalaenopsis equestris var. rosea Valmayor & D Tiu in Valmayor, Orchid. Philip. 1 (1984) 270 (1984), nom. inval.

Phalaenopsis equestris forma aurea Christenson, Phalaenopsis (2001) 245.

Phalaenopsis equestris forma cyanochila O Gruss, Orchidee 52 (2001) 749.

Phalaenopsis equestris var. alba (Hort.) Sweet, Amer. Orch. Soc. Bull. 36 (1967) 143.

Phalaenopsis equestris var. leucaspis Reichb.f., Gard. Chron. ii, 15 (1881) 688; --Ames in Merr., EPFP 1 (1925) 414.

Phalaenopsis equestris var. leucotranthe Reichb.f., l'Orchidoph. 3 (1883) 490; --Ames in Merr., EPFP 1 (1925) 414.

Phalaenopsis fasciata Reichb.f., Gard. Chron. ii, 18 (1882) 134; --Ames in Merr., EPFP 1 (1925) 414. --Type:

Polychilos fasciata (Reichb.f.) Shim, Malayan Nat. J. 36 (1982) 23.

Phalaenopsis fasciata var. flava Valmayor & Tiu, in Valmayor, Orchid. Philip. 1 (1984) 270, nom. inval.

LUZON: Bataan, Albay, Sorsogon, BOHOL, MINDANAO: Davao del Sur. Epiphyte, to 300m.

Phalaenopsis fuscata Reichb.f., Gard. Chron. ii, 2 (1874) 6; --Ames in Merr., EPFP 1 (1925) 414; --
Polychilos fuscata (Reichb.f.) Shim, Malayan Nat. J. 36 (1982) 28.

Phalaenopsis hieroglyphica (Reichb.f.) HR Sweet, Amer. Orchid Soc. Bull. 38 (1969) 36; --Polychilos
hieroglyphica (Reichb.f.) Shim, Malayan Nat. J. 36 (1982) 23; --Phalaenopsis lueddemanniana var.
hieroglyphica Reichb.f., Gard. Chron. iii, 2 (1877) 586; --Ames in Merr., EPFP 1 (1925) 415. --Type:
POLILLO, PALAWAN, MINDANAO: Surigao del Norte, Surigao del Sur. Epiphyte in deep
shade, to 500m.

Phalaenopsis lindenii Loher, J. des Orch. 6 (1895) 103; --Ames in Merr., EPFP 1 (1925) 414.
LUZON: Mountain Province, Benguet, Isabela, Nueva Vizcaya, Nueva Ecija. Epiphyte,
altitude 1000-1500m.

Phalaenopsis lueddemanniana Reichb.f., Bot. Zeit. 23 (1865) 146; --Ames in Merr., EPFP 1 (1925) 414.
Phalaenopsis lueddemanniana var. delicata Reichb.f., Gard. Chron. (March 1865) 434; --Ames in Merr., EPFP 1 (1925) 415.
Phalaenopsis lueddemanniana var. ochracea Reichb.f., Gard. Chron. (1865) 438; --Ames in Merr., EPFP 1 (1925)
415.
LUZON: Apayao, Kalinga, Nueva Vizcaya, Pangasinan, Bataan, Bulacan, Rizal, Laguna,
Laguna, Camarines Norte, Sorsogon, POLILLO, PALAWAN, LEYTE, MINDANAO: Lanao del
Norte, Lanao del Sur, Bukidnon, Davao del Norte, Davao del Sur, Davao Oriental, Agusan del
Norte, Agusan del Sur. Epiphyte, to 500m.

Phalaenopsis mariae Burb. ex R Warner & H Williams, Orch. Album 2 (1883) t. 80 et sub t. 87; --Ames in
Merr., EPFP 1 (1925) 415; --HR Sweet, Amer. Orch. Soc. Bull. 38 (1969) 228, f. 31, 32, 35, 35a. --Type:
FW Burbridge s.n. (BM, W). Jolo: Bunt-Doochan, altitude 2000 ft.
Polychilos mariae (Burbridge ex R Warner & H Williams) Shim, Malayan Nat. J. 36 (1982) 25.
Borneo, Philippines. LUZON: Nueva Vizcaya, MINDANAO: Lanao, Bukidnon, Cotabato, Davao,
JOLO. Up to 700m altitude in Cotabato.

Phalaenopsis micholitzii Rolfe, Gard. Chron. iii, 8 (1890) 187; --Ames in Merr., EPFP 1 (1925) 415. --Type:
Polychilos micholitzii (Rolfe) Shim, Malayan Nat. J. 36 (1982) 25.
LUZON: Camarines Sur, MINDANAO: Zamboanga del Norte, Zamboanga del Sur. Epiphyte, to
400m.

Phalaenopsis pallens (Lindl.) Reichb.f. in Walp., Ann. Bot. Syst. 6 (1864) 932; --Trichoglottis pallens Lindl.,
J. Hort. Soc. London 5 (1850) 34. --Type:
Phalaenopsis pallens foma alba (Ames & Quisumb.) Christenson, Phalaenopsis (2001) 152; --Phalaenopsis mariae
var. alba Ames & Quisumb., PJS 56 (1935) 461. --Type:
Phalaenopsis pallens var. trullifera Sweet, Amer. Orchid Soc. Bull. 38 (1969) 227, f. 30. --Type: Whitford 1097
(AMES). Luzon: Bataan prov., Mt Mariveles, Lamao River. Feb. 1905.
LUZON: Nueva Vizcaya, Bataan (Mt Mariveles), Bulacan, Rizal, PALAWAN, MINDANAO:
Bukidnon. Epiphyte, to 500m.

Phalaenopsis philippinensis Golamco ex Fowlie & CZ Tang, Orchid Digest 51 (1987) 92.

Phalaenopsis pulchra (Reichb.f.) HR Sweet, Amer. Orchid Soc. Bull. 37 (1968) 1102; --Phalaenopsis
lueddemanniana var. pulchra Reichb.f., Gard. Chron. ii, 4 (1875) 36; --Ames in Merr., EPFP 1 (1925) 415.
--Type:
Polychilos pulchra (Reichb.f.) Shim, Malayan Nat. J. 36 (1982) 26.
LUZON: Nueva Vizcaya, Nueva Ecija, LEYTE. Epiphyte, to 500m.

Phalaenopsis reichenbachiana Reichb.f. & Sander, Gard. Chron. ii, 18 (1882) 586; --Ames in Merr.,
EPFP 1 (1925) 416. --Type:
Polychilos reichenbachiana (Reichb.f. & Sander) Shim, Malayan Nat. J. 36 (1982) 26.

Phalaenopsis sanderiana Reichb.f., Flora 63 (1882) 466.

Phalaenopsis amabilis var. *aphrodite* subvar. *sanderiana* (Reichb.f) Ames, Orchidaceae 2 (1908) 228; --Ames in Merr., EPFP 1 (1925) 412.

Phalaenopsis sanderiana var. *alba* (Veitch) Stein,

Phalaenopsis amabilis var. *aphrodite* subvar. *sanderiana* forma *alba* (Veitch) Ames, Orchidaceae 2 (1908) 228;

--Ames in Merr., EPFP 1 (1925) 413.

Phalaenopsis amabilis var. *aphrodite* subvar. *sanderiana* forma *marmorata* (Reichb.f) Ames, Orchidaceae 2 (1908) 228; --Ames in Merr., EPFP 1 (1925) 413; -- *Phalaenopsis sanderiana* var. *marmorata* Reichb.f., Gard.

Chron., ii, 20 (1883) 812.

MINDANAO: Zamboanga del Norte, Zamboanga del Sur, Lanao del Sur, South Cotabato, Davao del Sur. Epiphytic, to 500m.

Phalaenopsis schilleriana Reichb.f., Hamburger Garten-Blumen Zeitung 16 (1860) 115, 116; --Ames in Merr., EPFP 1 (1925) 416. --Type:

Phalaenopsis schilleriana var. *pallida* Valmayor & Tiu,

Phalaenopsis schilleriana var. *purpurea* O'Brien, Gard. Chron., III, 11 (1892) 105; Hort. ex Rolfe, J. des Orch. 2 (1892) 358; --Ames in Merr., EPFP 1 (1925) 417.

Phalaenopsis schilleriana var. *splendens* R. Warner, Select Orchid. Pl., III, (1878) t. 5; --Ames in Merr., EPFP 1 (1925)

417.

forma schilleriana

LUZON: Rizal, Laguna, Quezon, Albay, Sorsogon, MARINDUQUE, BILIRAN. Epiphyte, altitude to 800m. (Distribution for all forms of *P. schilleriana*)

forma immaculata (Reichb.f.) Christenson, *Phalaenopsis* (2001) 211; --*Phalaenopsis schilleriana* var. *immaculata* Reichb.f., Gard. Chron. ii, 3 (1875) 429; --Ames in Merr., EPFP 1 (1925) 416. --Type:

Phalaenopsis stuartiana Reichb.f., Gard. Chron. ii, 16 (1881) 748, 753, Fig. 149; --Ames in Merr., EPFP 1 (1925) 417.

Phalaenopsis stuartiana var. *bella* Reichb.f., Gard. Chron., III, 3 (1888) 200.

MINDANAO: Misamis Oriental, Bukidnon, Agusan del Norte, Agusan del Sur, Surigao del Norte, Surigao del Sur. Epiphytic at low altitudes to 300m.

forma nobilis Reichb.f., Gard. Chron., n.s., 16 (1881) 748; --*Phalaenopsis stuartiana* var. *nobilis* Reichb.f., Gard. Chron., n.s., 16 (1881) 748.

forma punctatissima (Reichb.f.) Christenson, *Phalaenopsis* (2001) 215; --*Phalaenopsis stuartiana* var. *punctatissima* Reichb.f., Gard. Chron., n.s., 17 (1882) 44.

Phalaenopsis sumatrana Korth. & Reichb.f., Hamburger Garten-Blumenzeitung 16 (1860) 115. --Type: *Polychilos sumatrana* (Korth. & Reichb.f.) Shim, Malayan Nat. J. 36 (1882) 26.

Burma, Thailand, Vietnam, Sumatra, Peninsular Malaysia, Sumatra, Borneo, Philippines.

PALAWAN. Epiphyte, altitude 700m.

Natural hybrids:

Phalaenopsis × amphitrita O'Brien, Gard. Chron. (1892) 619.

= ***P. sanderiana* × *P. stuartiana***.

Phalaenopsis × intermedia Lindl., Paxton's Fl. Gard. 3 (1852) 162.

= ***P. aphrodite* × *P. equestris***.

Phalaenopsis × leucorrhoda Reichb.f., Gard. Chron. ii, 3 (March 1875) 301, 366; --Ames in Merr., EPFP 1 (1925) 414.

= *P. aphrodite* × *P. schilleriana*.

Phalaenopsis x veitchiana Reichb.f., Gard. Chron. (1872) 935; --Ames in Merr., EPFP 1 (1925) 417.

= *P. equestris* × *P. schilleriana*.

Phalaenopsis × *gertrudeae* Quisumb., PJS 76 (1941) 81.

Phalaenopsis × *virataii* Quisumb., Philip. Orchid Rev. 6 (1956) 4.

Not in Cootes' (2006) Checklist

Status?

Phalaenopsis boxallii Reichb.f., Gard. Chron. ii, 19 (1883) 274; --Ames in Merr., EPFP 1 (1925) 413.

Phalaenopsis x *intermedia* var. *diezii* (Corvera) Quisumb.,

Phalaenopsis schilleriana var. *advena* Reichb.f., Gard. Chron. ii, 23 (1885) 174; --Ames in Merr., EPFP 1 (1925) 416.

Phalaenopsis schilleriana var. *major* Rolfe, Gard. Chron. ii, 26 (1886) 212; --Ames in Merr., EPFP 1 (1925) 416.

Phalaenopsis schilleriana var. *vestalis* Reichb.f., Gard. Chron. ii, 17 (1882) 330; --Ames in Merr., EPFP 1 (1925) 417.

Phalaenopsis schilleriana-stuartiana Rolfe, Orch. Rev. 8 (1900) 94, 113, Fig. 18; --Ames in Merr., EPFP 1 (1925) 417.

According to Ames, l.c. "Said to be a natural hybrid of Philippine origin".

Philippinaea Ames & Schlechter = *Orchipedum*

Pholidota Lindley

Pholidota articulata Lindl., Gen. Sp. Orchid. Pl. (1830) 38.

Pholidota carnea (Blume) Lindl., Gen. & Sp. Orch. (1830) 37; --Ames in Merr., EPFP 1 (1924) 300;
--*Crinonia carnea* Blume, Bijdr. (1825) 339.

Pholidota imbricata Lindl. in Hook., Exot. Fl. 2 (1825) t. 138; --Ames in Merr., EPFP 1 (1924) 300.

Pholidota ventricosa (Blume) Reichb.f., Bonplandia 5 (1857) 43; --Ames in Merr., EPFP 1 (1924) 301;
--*Chelonanthera ventricosa* Blume, Bijdr. (1825) 384. --Type:

Phragmorchis LO Williams

Phragmorchis teretifolia LO Williams, Bot. Mus. Leaf. 6 (1938) 53.

Phreatia Lindl.

Phreatia amesii Kraenzl. in Engl., Pflanzenreich iv. 50 (50) (1911) 16; --Ames in Merr., EPFP 1 (1925) 395.

--Type:

Octarrhena amesii (Kraenzl.) PF Hunt, Kew Bull. 24 (1970) 95.

Phreatia aristulifera Ames, Orchidaceae 2 (1908) 199, text cut; --Ames in Merr., EPFP 1 (1925) 395. --Type:

Phreatia caulescens Ames, Orchidaceae 2 (1908) 200. –Type:

Octarrhena caulescens (Ames) Ames, Orchidaceae 5 (1915) 192; --Ames in Merr., EPFP 1 (1925) 392.

Phreatia densiflora (Blume) Lindl., Gen. & Sp. Orch. (1830) 64; --Ames in Merr., EPFP 1 (1925) 395.

--*Dendrolirium densiflorum* Blume, Bijdr. (1825) 343. –Type:

Phreatia infundibuliformis Ames, PJS 7 c (1912) Bot. 20; --Ames in Merr., EPFP 1 (1925) 396. –Type:

Phreatia luzoniensis Rolfe ex Ames, Orchidaceae 1 (1905) 96; --Ames in Merr., EPFP 1 (1925) 396. –Type:

Phreatia mearnsii Ames, PJS 7 c (1912) Bot. 21; --Ames in Merr., EPFP 1 (1925) 396. –Type:

Phreatia negrosiana Ames in Elmer, LPB 5 (1912) 1582; --Ames in Merr., EPFP 1 (1925) 396.

Phreatia plantaginifolia (Koenig) Ormerod, Opera Bot. 124 (1995) 22; --*Epidendrum plantaginifolium* Koenig in Retz., Observ. Bot. 6 (1791) 60. –Type:

Cymbidium plantaginifolium (J Koenig) Willd., Sp. Pl. 4 (1805) 101.

Phreatia secunda (Blume) Lindl., Gen. & Sp. Orch. (1830) 64; --Ames in Merr., EPFP 1 (1925) 396; --*Eria secunda* (Blume) Reichb.f., Bonplandia 5 (1857) 54; --*Dendrolirium secundum* Blume, Bijdr. (1825) 350. –Type:

Phreatia prorepens Reichb.f., Otia Bot. Hamburg. 1 (1878) 54, *in textu*; --Ames in Merr., EPFP 1 (1925) 396. –Type:

Phreatia ramosii Ames, PJS 7 c (1912) Bot. 21; --Ames in Merr., EPFP 1 (1925) 396.

Phreatia sulcata (Blume) JJ Sm. Fl. Buitenz. 6 (Orch. Jav.) (1905) 505; --Ames in Merr., EPFP 1 (1925) 397; --*Eria sulcata* (Blume) Lindl., Gen. Sp. Orchid. Pl. (1830) 69; --*Dendrolirium sulcatum* Blume, Bijdr. (1825) 347. –Type:

Phreatia bracteata Ames, PJS 4 c (1910) 674, nom. illeg.

Phreatia vanoverberghii Ames, PJS 7 c (1912) Bot. 22; --Ames in Merr., EPFP 1 (1925) 397. –Type:

Phreatia wenzelii Ames, Orchidaceae 5 (1915) 196; --Ames in Merr., EPFP 1 (1925) 397. –Type:

Phreatia xantholeuca Kraenzl., Fedde Repert. 17 (1921) 386; --Ames in Merr., EPFP 1 (1925) 397. –Type:

Pilophyllum Schlechter

Pilophyllum villosum (Blume) Schltr., Orchideen (1914) 131 ; --*Chrysoglossum villosum* Blume, Bijdr. (1825) 338, Fig. 7; --Ames in Merr., EPFP 1 (1924) 280. –Type:

Peninsular Malaysia, Java, Borneo, Philippines: MINDORO: Binabay River, Merrill 5838. Terrestrial, 300-800m.

Pinalia Buchanan-Hamilton ex D Don

Pinalia barbifrons (Kraenzl.) W Suarez & Cootes, OrchideenJournal 16(2):69, 2009 (endemic)

Eria barbifrons Kraenzl. in Engl. Pflanzenreich iv. 50(50) (1911) 52; --Ames in Merr., EPFP 1 (1924) 364.

Philippines.

Pinalia bractescens (Lindl.) Kuntze, Revis. Gen. Pl. 2 (1891) 679; --*Eria bractescens* Lindl., Bot. Reg. 27 (1841) Misc. 18; --Ames in Merr., EPFP 1 (1924) 365; --Cootes, Orch. Philip. (2001) 116. –Type:

India, Nepal, Sikkim, Burma, Thailand, Laos, Cambodia, Vietnam, Malaysia, Indonesia, Philippines, New Guinea.

LUZON: Bataan, Rizal, SAMAR, BASILAN, MINDANAO: Zamboanga. Epiphyte, low altitudes up

to 500m.

- *Eria bractescens* Lindl. var. *latipetala* Leav. -- Philipp. J. Sci., C 4(3): 232. 1909 [Aug 1909]

Pinalia carnicolor (Ames) W Suarez & Cootes, OrchideenJournal 16(2) (2009) ined.

Eria carnicolor Ames, Orchidaceae 7 (1922) 152; --Ames in Merr., EPFP 1 (1924) 366. --Type:

Philippines.

Pinalia compacta (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria compacta Ames, PJS 2 c (1907) Bot. 329; --Ames in Merr., EPFP 1 (1924) 366. --Type:

Philippines.

Pinalia copelandii (Leavitt) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria copelandii Leavitt, PJS 4 c (1909) Bot. 203, 226, Fig. 3; --Ames in Merr., EPFP 1 (1924) 366. --Type:

Eria formosana Rolfe, Bull. Misc. Inform. Kew (1896) 194. **Provisional synonym** (fide Cootes, 2006). --Type:

var. copelandii

Philippines.

var. fusiformis (Leavitt) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria copelandii var. *fusiformis* Leavitt, PJS 4 c (1909) Bot. 204, 227; --Ames in Merr., EPFP 1 (1924) 366. --Type:

Philippines.

Pinalia curranii (Leavitt) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria curranii Leavitt, PJS 4 c (1909) Bot. 210, 233, Fig. 13; --Ames in Merr., EPFP 1 (1924) 366. --Type:

Philippines.

Pinalia cylindrostachya (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria cylindrostachya Ames, Orchidaceae 2 (1908) 190, text cut; --Ames in Merr., EPFP 1 (1924) 366. --Type:

Philippines.

Pinalia dagamensis (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria dagamensis Ames, Orchidaceae 5 (1915) 147; --Ames in Merr., EPFP 1 (1924) 367. --Type:

Philippines.

Pinalia densa (Ridl.) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria densa Ridl., J. Linn. Soc. 31 (1896) 281.

Pinalia floribunda (Lindl.) Kuntze, Revis. Gen. Pl. 2 (1891) 679; --*Urostachya floribunda* (Lindl.) Brieger,

Schlechter Orchideen 1(11-12): 716 (1981), with incorrect basionym ref.; --*Eria floribunda* Lindl. in Wall. Cat.

(1832) No. 7408, *nomen*, Edwards's Bot. Reg. 29 (1843) Misc. 43; --Ames in Merr., EPFP 1 (1924) 367; --

Cootes, Orch. Philip. (2001) 116. --Type:

Burma, Thailand, Vietnam, Sumatra, Peninsular Malaysia, Java, Borneo, Philippines.

LUZON: Apayao, Kalinga, Nueva Ecija, Rizal, PALAWAN, MINDANAO: Cotabato, Bukidnon,

Agusan. Epiphyte, lowlands to 1300m.

Pinalia hirsutipetala (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx.

Trichotosia hirsutipetala (Ames) Schuit. & de Vogel, Blumea 48 (2003) 513; --*Eria hirsutipetala* Ames, Orchidaceae 7

(1922) 102; --Ames in Merr., EPFP 1 (1924) 369. --Type: BS 39124 Ramos & Edaño (AMES*, holo; iso: K, US*).

Philippines.

Pinalia hutchinsoniana (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria hutchinsoniana Ames, PJS 2 c (1907) Bot. 330; --Ames in Merr., EPFP 1 (1924) 369. --Type:

Philippines.

Pinalia jarensis (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Eria jarensis Ames, Orchidaceae 5 (1915) 150; --Ames in Merr., EPFP 1 (1924) 369. --Type:
Philippines.

Pinalia leavittii (Kraenzl) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Eria leavittii Kraenzl. in Engl. Pflanzenreich iv. 50(50) (1911) 52; --Ames in Merr., EPFP 1 (1925) 370. --Type:
Philippines.

Pinalia loheriana (Kraenzl.) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Eria loheriana Kraenzl., Fedde Repert. 17 (1921) 387; --Ames in Merr., EPFP 1 (1925) 371. --Type:
Plocoglottis loheriana (Kraenzl.) Goebel, Entfaltungsbew., ed. 2: 388 (1924).
Philippines.

Pinalia longicruris (Leavitt) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Eria longicruris Leavitt, PJS 4 c (1909) Bot. 205, 228, Fig. 6; --Ames in Merr., EPFP 1 (1925) 371. --Type:
Philippines.

Pinalia longilabris (Lindl.) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Eria longilabris Lindl., Bot. Reg. 27 (1841) Misc. 38; 30 (1844) sub t. 29, Fig. 3; --Ames in Merr., EPFP 1 (1925) 371.
Philippines.

Pinalia lyonii (Leavitt) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Eria lyonii Leavitt, PJS 4 c (1909) Bot. 212, 234, Fig. 17; --Ames in Merr., EPFP 1 (1925) 371. --Type:
Philippines.

Pinalia macera (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Eria macera Ames, Orchidaceae 7 (1922) 103; --Ames in Merr., EPFP 1 (1925) 371. --Type:
Philippines.

Pinalia maquilingensis (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Eria maquilingensis Ames, Orchidaceae 5 (1915) 152; --Ames in Merr., EPFP 1 (1925) 372.
Philippines.

Pinalia mearnsii (Leavitt) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Aeridostachya mearnsii (Leavitt) Rauschert, Feddes Repert. 94 (1983) 436; --Eria mearnsii Leavitt, PJS 4 c (1909)
Bot. 216, 236; --Ames in Merr., EPFP 1 (1925) 372. --Type:
Philippines.

Pinalia merrittii (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Eria merrittii Ames, PJS 2 c (1907) Bot. 331; --Ames in Merr., EPFP 1 (1925) 372. --Type:
Philippines.

Pinalia microchila (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Eria microchila Ames, Orchidaceae 7 (1922) 104; --Ames in Merr., EPFP 1 (1925) 372. --Type:
Philippines.

Pinalia ovata (Lindl.) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx
Eria ovata Lindl., Bot. Reg. 30 (1844) sub t. 29; --Ames in Merr., EPFP 1 (1925) 373. --Type:
Eria bontocensis Ames, PJS 8 c (1913) Bot. 427; --Ames in Merr., EPFP 1 (1924) 365. --Type:
Eria elmeri Ames, Orchidaceae 1 (1905) 93. --Type:
Eria graciliscapa Rolfe ex Ames, Orchidaceae 1 (1905) 93; --Ames in Merr., EPFP 1 (1924) 366. --Type:
Eria racemosa Leavitt, PJS 4 c (1909) Bot. 206, 229; --Ames in Merr., EPFP 1 (1925) 374. --Type:
Eria retroflexa Lindl., J. Linn. Soc. 3 (1859) 60; --Ames in Merr., EPFP 1 (1924) 374. --Type:
Eria var. ovata

var. retroflexa (Garay & HR Sweet) W Suarez & Cootes, *OrchideenJ.* 16(2) (2009) xxx
Eria ovata var. retroflexa (Lindl.) Garay & HR Sweet, *Orchids S Ryukyu Isls* (1974) 113; --Eria retroflexa Lindl., *J. Proc. Linn. Soc., Bot.* 3 (1859) 60. --Type:
Eria merrillii Ames, *PJS* 2 c (1907) Bot. 331; --Ames in Merr., *EPFP* 1 (1925) 372. --Type:

Pinalia philippinensis (Ames) W Suarez & Cootes, *OrchideenJ.* 16(2) (2009) xxx
Eria philippinensis Ames, *Orchidaceae* 1 (1905) 94; --Ames in Merr., *EPFP* 1 (1925) 373. --Type:
Philippines.

Pinalia polyura (Lindl.) Kuntze, *Revis. Gen. Pl.* 2 (1891) 679; --Eria polyura Lindl., *Bot. Reg.* 27 (1841) Misc. 55;
--Ames in Merr., *EPFP* 1 (1925) 373. --Type:
Philippines.

Pinalia profusa (Lindl.) Kuntze, *Revis. Gen. Pl.* 2 (1891) 679; --Eria profusa Lindl., *Bot. Reg.* 28 (1842) Misc. 3; --Ames in Merr., *EPFP* 1 (1925) 374. --Type:
Philippines.

Pinalia propinqua (Ames) W Suarez & Cootes, *OrchideenJ.* 16(2) (2009) xxx
Eria propinqua Ames, *Orchidaceae* 7 (1922) 105; --Ames in Merr., *EPFP* 1 (1925) 374. --Type:
Philippines.

Pinalia puguahaanensis (Ames) W Suarez & Cootes, *OrchideenJournal* 16(2) (2009) xxx.
Eria puguahaanensis Ames, *Orchidaceae* 5 (1915) 157; --Ames in Merr., *EPFP* 1 (1925) 374. --Type:
Philippines.

Pinalia ramosa (Ames) W Suarez & Cootes, *OrchideenJ.* 16(2) (2009) xxx
Eria ramosa Ames in Merr., *EPFP* 1 (1925) 374; --Eria vagans Ames, *Orchidaceae* 7 (1922) 106, *non* Schltr. (basionym). --Type:
Philippines.

Pinalia rhodoptera (Reichb.f.) W Suarez & Cootes, *OrchideenJ.* 16(2) (2009) xxx
Eria rhodoptera Reichb.f., *Gard. Chron.* ii, 18 (1882) 586; --Ames in Merr., *EPFP* 1 (1925) 374. --Type:
Philippines.

Pinalia ringens (Reichb.f.) Kuntze, *Revis. Gen. Pl.* 2 (1891) 679; --Eria ringens Reichb.f., *Bonplandia* 3 (1855) 222. --Type:
Philippines.

Pinalia robusta (Blume) Kuntze, *Revis. Gen. Pl.* 2 (1891) 679; --Eria robusta (Blume) Lindl., *Gen. Sp. Orchid. Pl.* (1830) 69; --Aeridostachya robusta (Blume) Brieger, *Schlechter Orchideen* 1(11-12) (1981) 714 ;
--Dendrolirium robustum Blume, *Bijdr.* (1825) 347. --Type:
Eria whitfordii Leavitt, *PJS* 4 c (1909) Bot. 215, 236; --Ames in Merr., *EPFP* 1 (1925) 376. --Type:

Pinalia senilis (Ames) W Suarez & Cootes, *OrchideenJ.* 16(2) (2009) xxx
Eria senilis Ames, *Orchidaceae* 5 (1915) 159; --Ames in Merr., *EPFP* 1 (1925) 375. --Type:
Philippines.

Pinalia taylorii (Ames) W Suarez & Cootes, *OrchideenJ.* 16(2) (2009) xxx
Eria taylorii Ames, *Sched. Orchid.* 5 (1923) 31; --Ames in Merr., *EPFP* 1 (1925) 375. --Type:
Philippines.

Pinalia tomentosiflora (Hayata) W Suarez & Cootes, *OrchideenJ.* 16(2) (2009) xxx.
Eria tomentosiflora Hayata, *Icon. Pl. Formosan.* 2 (1912) 137. --Type from Taiwan.

Extra-Philippine range?

Pinalia tridens (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria tridens Ames in Elmer, LPB 5 (1912) 1580; --Ames in Merr., EPFP 1 (1925) 375. --Type: Philippines.

Pinalia ventricosa (Leavitt) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria ventricosa Leavitt, PJS 4 c (1909) Bot. 211, 234, Fig. 16; --Ames in Merr., EPFP 1 (1925) 375. --Type: Philippines.

Pinalia woodiana (Ames) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria woodiana Ames, PJS 2 c (1907) Bot. 332; --Ames in Merr., EPFP 1 (1925) 376. --Type: Philippines.

Pinalia xanthocheila (Ridl.) W Suarez & Cootes, OrchideenJ. 16(2) (2009) xxx

Eria xanthocheila Ridl., Mat. Fl. Malay. Penins. 1 (1907) 102.

Platanthera LC Richard

Platanthera angustata Lindl., Gen. Sp. Orchid. Pl. (1835) 290; --Habenaria angustata (Blume) Kuntze, Rev. Gen. Pl. 2 (1891) 664; --Ames in Merr., EPFP 1 (1924) 255; --Mecosa angustata Blume, Bijdr. (1825) 403; --Type:

Platanthera elmeri (Ames) Schltr., Repert. Spec. Nov. Regni Veg. Beih. 4 (1919) 108; --Habenaria elmeri Ames in Elmer, LPB 5 (1912) 1550; --Ames in Merr., EPFP 1 (1924) 257. --Type:

Platanthera halconensis (Ames) Schltr., Repert. Spec. Nov. Regni Veg. 9 (1911) 212; --Habenaria halconensis Ames, PJS 2 c (1907) Bot. 312; Ames in Merr., EPFP 1 (1924) 258. --Type:

Java, Borneo, Philippines. LUZON: Benguet, Bataan, Laguna, Albay, MINDORO: Mindoro Oriental (Mt Halcon, terrestrial on open health at 2650m altitude), NEGROS: Negros Oriental, CAMIGUIN, MINDANAO: Davao (Mt Apo, Todaya).

Plocoglottis Blume

Plocoglottis bicallosa Ames in Elmer, LPB 5 (1915) 1571; --Ames in Merr., EPFP 1 (1924) 338. --Type:

Plocoglottis bicomata LO Williams, Bot. Mus. Leaf. 6 (1938) 47. --Type:

Plocoglottis copelandii Ames, PJS 2 c (1907) Bot. 326; --Ames in Merr., EPFP 1 (1924) 338. --Type:

Plocoglottis lucbanensis Ames in Elmer, LPB 5 (1912) 1572; --Ames in Merr., EPFP 1 (1924) 338. --Type:

Plocoglottis mindorensis Ames, PJS 2 c (1907) Bot. 327; --Ames in Merr., EPFP 1 (1924) 338. --Type:

Plocoglottis macgregorii Ames, Orchidaceae 7 (1922) 121; --Ames in Merr., EPFP 1 (1924) 338. --Type:

Plocoglottis wenzelii Ames, Orchidaceae 5 (1915) 101; --Ames in Merr., EPFP 1 (1924) 338. --Type:

Plocoglottis plicata (Roxb.) Ormerod, Orchids (2001) 293; --Limodorum plicatum Roxb., Fl. Ind. ed. 1832, 3:

(1832) 465. --Type :

Plocoglottis acuminata Blume, Ann. Mus. Bot. Lugd.-Bat. 1 (1849) 46.

Plocoglottis latifolia Blume, Ann. Mus. Bot. Lugd.-Bat. 1: 47 (1849).

Dendrobium javanicum Korth. ex Blume, Ann. Mus. Bot. Lugd.-Bat. 1 (1850) 46.

Poaephyllum Ridley

Poaephyllum grandiflorum Quisumb., PJS 66 (1938) 150. –Type:

Poaephyllum pauciflorum Ridl., Mat. Fl. Malay. Penins. 1 (1907) 109; --Agrostophyllum pauciflorum Hook.f., Fl. Brit. India 5 (1890) 824. –Type :

Podochilus Blume

Podochilus bicaudatus Schltr., Fedde Repert. 3 (1906) 19; --Ames in Merr., EPFP 1 (1924) 320.

Podochilus cumingii Schltr., Fedde Repert. 3 (1906) 19; --Ames in Merr., EPFP 1 (1924) 321.

Podochilus hystericinus Ames, Sched. Orchid. 6 (1923) 42, Fig. 8; --Ames in Merr., EPFP 1 (1924) 321.

Podochilus intricatus Ames, PJS 8 c (1913) Bot. 415; --in Merr., EPFP 1 (1924) 321. –Type:

Podochilus lucescens Blume, Bijdr. (1825) 295.
Podochilus robinsonii Ames, PJS 6 c (1911) Bot. 49. –Type:

Podochilus plumosus Ames, PJS 4 c (1909) Bot. 668; --in Merr., EPFP 1 (1924) 321. –Type:

Podochilus ramosii Ames, PJS 8 c (1913) Bot. 415; --in Merr., EPFP 1 (1924) 321. –Type:

Podochilus sciuroides Reichb.f., Bonplandia 5 (1857) 41; --Ames in Merr., EPFP 1 (1924) 321. –Type:

Podochilus strictus Ames, PJS 4 c (1909) Bot. 669; --Ames in Merr., EPFP 1 (1924) 322. –Type:

Status? Not in Cootes' (2006) Checklist.

Podochilus longilabris Ames in Elmer LPB 5 (1912) 1565; --in Merr., EPFP 1 (1924) 321. –Type:

Podochilus serpyllifolius (Blume) Lindl., J. Linn. Soc. 3 (1859) 37; --Ames in Merr., EPFP 1 (1924) 322.

Polystachya Hooker

Polystachya concreta (Jacq.) Garay & HR Sweet, Orquideologia 9 (1974) 206; --Epidendrum concretum Jacq., Enum. Syst. Pl. (1760) 30.

Polystachya luteola (Sw.) Hook., Exot. Fl. 2 (1824) t. 103, nom. illeg.; --Ames in Merr., EPFP 1 (1924) 329; --
Cranichis luteola Sw., Fl. Ind. Occid. 3 (1806) 1433.

Pomatocalpa Breda

Pomatocalpa andamanum (Hook.f.) JJ Sm., Natuurw. Tijdschr. Ned.-Indië 72 (1912) 103; --Cleisostoma andamanum Hook.f., Fl. Brit. India 6 (1890) 71.

Pomatocalpa bicolor (Lindl.) JJ Sm., Nat. Tijdschr. Ned. Ind. 72 (1912) 103 (reprint 33); --Ames in Merr., EPFP 1 (1925) 438; --Cleisostoma bicolor Lindl., Paxton's Fl. Gard. 2 (1851) 99.

Pomatocalpa diffusum Breda, Gen. Sp. Orchid. Asclep. 4 (1830) t.

Pomatocalpa latifolia (Lindl.) JJ Sm. Nat. Tijdschr. Ned. Ind. 72 (1912) 105 (reprint 35); --Ames in Merr., EPFP 1 (1925) 438; --Cleisostoma latifolium Lindl., Edwards's Bot. Reg. 26 (Misc.) (1840) 60.

Sarcanthus cumingii (Reichb.f.) JJ Sm., Natuurw. Tijdschr. Ned.-Indië 72 (1912) 85; --Cleisostoma cumingii Reichb.f., Allg. Gartenzeitung 24 (1856) 218.

Pomatocalpa hortense (Ridl.) JJ Sm., Natuurw. Tijdschr. Ned.-Indië 72 (1912) 104; --Saccolabium hortense Ridl., J. Straits Branch Roy. Asiat. Soc. 39 (1870) 83.

Pomatocalpa fuscum (Lindl.) JJ Sm., Nat. Tijdschr. Ned. Ind. 72 (1912) 104; --*Cleisostoma fuscum* Lindl., J. Hort. Soc. 80 (1850) xxx

Pomatocalpa kunstleri (Hook.f.) JJ Sm., Natuurw. Tijdschr. Ned.-Indië 72 (1912) 104; --*Cleisostoma kunstleri* Hook.f., Hooker's Icon. Pl. 24 (1894) t. 2335.
Pomatocalpa merrillii Schltr., Fedde Repert. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1913) 988; --Ames in Merr., EPFP 1 (1925) 438. --Type:

Pomatocalpa spicatum Breda, Gen. Sp. Orchid. Asclep. (1827) t. 15.
Pomatocalpa vitellinum (Reichb.f.) Ames in Merr., EPFP 1 (1925) 439; --*Cleisostoma vitellinum* Reichb.f., Linnaea 41 (1877) 76. --Type:
Pomatocalpa setulense (Ridl.) Holttum, Gard. Bull. Sing. 11 (1947) 287; --*Saccolabium setulense* Ridl., J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 59 (1911) 198.

Porphyrodesme Schlechter

Porphyrodesme sarcanthoides (JJ Sm.) WU Mahyar, Reinwardtia 10(4) (1988) 418; --*Renanthera sarcanthoides* JJ Sm., Bull. Jard. Bot. Buitenz. ser. 2, 25 (1917) 94.

Pristiglottis Cretz. & JJ Smith

Pristiglottis mindanaensis (Ames) Cretz. & JJ Sm., Acta Fauna Fl. Universali, ser. 2, Bot. 1(14) (1934) 5; --*Cystopus mindanaensis* Ames, Orchidaceae 5 (1915) 34; --in Merr., EPFP 1 (1924) 274. --Type:
CAMIGUIN: Mt Mahinog, on tree top.

Pristiglottis philippinensis (Ames) Cretz. & JJ Sm., Acta Fauna Fl. Universali, ser. 2, Bot. 1(14) (1934) 5. --*Cystopus philippinensis* Ames, Orchidaceae 5 (1915) 35; in Merr., EPFP 1 (1924) 274. --Type:
LUZON: Quezon (Infanta), Sorsogon (Lake Pulog), the latter in moss at 500m altitude.

Pseudacoridium Ames = *Dendrochilum*

Pseudovanilla Garay,

Pseudovanilla philippinensis (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 30 (1986) 235; --*Galeola philippinensis* Ames, Sched. Orchid. 6 (1924) 5; --Ames in Merr., EPFP 1 (1924) 263. --Type:

Pteroceras Hasselt ex Hasskarl

Pteroceras cladostachyum (Hook.f.) H.Ae. Pedersen, Nordic J. Bot. 12 (1992) 387; --*Sarcochilus cladostachys* Hook.f., Fl. Brit. India 6 (1890) 35.
Peninsular Malaysia, Java, Borneo, Sulawesi, Philippines.

Pteroceras leopardinum (Parish & Reichb.f.) Seidenf. & Smitin., Orchids Thailand (Prelim. List) (1963) 535; --*Thrixspermum leopardinum* Parish & Reichb.f., Trans. Linn. Soc. London 30 (1874) 145.
Sarcochilus benguetensis Ames & Quisumb., PJS 49 (1932) 493. --Type:
Thailand, Laos, Vietnam, Borneo, Philippines.

Pteroceras longicalcareum (Ames & Rolfe) Garay, Bot. Mus. Leaflet. Harvard Univ. 23, 4 (1972) 193; --*Sarcochilus longicalcareus* Ames & Rolfe, Orch. 5 (1915) 212; --Ames in Merr., EPFP 1 (1925) 407. --Type:

Pteroceras pallidum (Blume) Holttum, Kew Bull. 14 (1960) 270; --*Sarcochilus pallidus* (Blume) Reichb.f. in Walp., Ann. 6 (1863) 500; --Ames in Merr., EPFP 1 (1925) 407; --*Thrixspermum pallidum* (Blume) Reichb.f., Xenia Orchid. 2 (1867) 122; --*Dendrocolla pallida* Blume, Bijdr. (1825) 290. --Type:

Pteroceras philippinense (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 23, 4 (1972) 194; --*Sarcochilus philippinensis* (Ames) Ames, Orchidaceae 5 (1915) 215, *non* Vidal; --Ames in Merr., EPFP 1 (1925) 408; --*Thrixspermum philippinense* Ames, PJS 8 c (1913) Bot. 437. --Type:
Pteroceras pustulatum Senghas, Orchidee 40 (1989) 5. --Type: Heidelberg cult. 0-19768 (HEID, ill. Senghas)

Pteroceras teres (Blume) Holttum, Kew Bull. 14 (1960) 271; --*Aerides teres* (Blume) Lindl., Gen. Sp. Orchid. Pl. (1833) 240; --*Thrixspermum teres* (Blume) Reichb.f., Xenia Orchid. 2 (1868) 121; --*Sarcochilus teres* (Blume) Reichb.f. in Walpers, Ann. Bot. Syst. 6 (1863) 499; --*Dendrocolla teres* Blume, Bijdr. (1825) 289. --Type:
Pteroceras suaveolens (Roxb.) Holttum, Kew Bull. 14 (1960) 271; --*Sarcochilus suaveolens* (Roxb.) Hook.f., Fl. Brit. India 6 (1890) 33; --*Aerides suaveolens* Roxb., Fl. Ind. ed. 1832, 3 (1832) 473. --Type:
Sarcochilus palawanensis Ames, Orchidaceae 5 (1915) 214; --Ames in Merr., EPFP 1 (1925) 407. --Type:
Thailand, Cambodia, Laos, Vietnam, Peninsular Malaysia, Sumatra, Java, Borneo, Sulawesi, Lesser Sunda Isls., Moluccas, and Philippines.

Pteroceras unguiculatum (Lindl.) Hae Pedersen, Nordic J. Bot. 12 (1992) 388. --*Sarcochilus unguiculatus* Lindl., Edwards's Bot. Reg. 26(Misc.) (1840) 67.
Peninsular Malaysia, Sumatra, Java, Borneo, Sulawesi, Lesser Sunda Isls., Moluccas, and Philippines.

Renanthera Loureiro

Renanthera angustifolia Hook.f., Fl. Brit. India 6 (1890) 49; --*Epidendrum matutinum* Poir. in Lam., Encycl., Suppl. 1 (1810) 384.

Renanthera breviflora (Reichb.f.) R Rice & JJ Wood, Orchid Rev. 111 (1254) (2003) 349; --*Renanthera matutina* (Blume) Lindl. var. *breviflora* Reichb.f., Gard. Chron. n.s., 12 (2) (1879) 70.

Renanthera elongata Lindl., Gen. Sp. Orchid. Pl. (1833) 218; --*Porphyrodesme elongata* (Blume) Garay, Bot. Mus. Leaflet. 23 (1972) 191; --*Aerides elongatum* Blume, Bijdr. (1825) 367.

Renanthera matutina Lindl., Gen. Sp. Orchid. Pl. (1833) 218. --Type:

Renanthera monachica Ames, Orchidaceae 5 (1915) 224; --Ames in Merr., EPFP 1 (1925) 428.

Renanthera philippinensis (Ames & Quisumb.) LO Williams, Bot. Mus. Leaflet. 5 (1937) 31; --*Renanthera storiei* var. *philippinensis* Ames & Quisumb., PJS 47 (1932) 110. --Type:

Renanthera storiei Reichb.f., Gard. Chron. ii, 14 (1880) 296; --Ames in Merr., EPFP 1 (1925) 428.
Renanthera storiei var. *citrina* Valmayor & Tiu,

Rhomboda Lindley

Rhomboda blackii (Ames) Ormerod, Austral. Orchid Rev. 63, 4 (1998) 11; --*Hetaeria blackii* Ames, Orchidaceae 5 (1915) 43; -- in Merr., EPFP 1 (1923) 278. --Type:
MINDANAO: Lanao, Davao.

Rhomboda cristata (Blume) Ormerod, Orchadian 11 (1995) 333; --*Hetaeria cristata* Blume, Coll. Orchid. (1859) 103. --Type:

Rhomboda lanceolata (Lindl.) Ormerod, Orchadian 11 (1995) 329; --Dossinia lanceolata Lindl., J. Proc. Linn. Soc., Bot. 1
Rhomboda luzonensis (Ames) Ormerod, Orchadian 11 (1995) 332; --Zeuxine luzonensis (Ames) Schltr., Bot. Jahrb.
Syst. 45 (1911) 394; --Adenostylis luzonensis Ames, Orchidaceae 2 (1908) 57, text cut; --Ames in Merr.,
EPFP 1 (1924) 276. --Type:
Adenostylis vanoverberghii Ames, PJS 8 c (1913) Bot. 408; --Ames in Merr., EPFP 1 (1924) 277. --Type:
LUZON (Cordillera Mtns); MINDORO. Terrestrial in montane forests, 930-2540m.

Rhynchostylis Blume

Revision:

Selbyana 9 (1986) 169--

Rhynchostylis gigantea (Lindl.) Ridl., J. Linn. Soc., Bot. 32 (1896) 356; --Gastrochilus giganteus (Lindl.)
Kuntze, Revis. Gen. Pl. 2 (1891) 661; --Anota gigantea (Lindl.) Fukuy., Trans. Nat. Hist. Soc. Taiwan 34
(1944) 111; --Saccolabium giganteum Lindl., Gen. Sp. Orchid. Pl. (1833) 221. --Type:

subsp. gigantea

subsp. violacea (Lindl.) Christenson, Indian Orchid J. 1 (1985) 154; Selbyana 9, 1 (1986) 169; --Anota
violacea (Reichb.f.) Schltr., Orchideen (1914) 588; --Ames in Merr., EPFP 1 (1925) 438; --Gastrochilus
violacens (Reichb.f.) Kuntze, Revis. Gen. Pl. 2 (1891) 661; --Rhynchostylis violacea Reichb.f., Bonplandia 2
(1854) 93; --Saccolabium violaceum Reichb.f., Bonplandia 2 (1854) 93; --Vanda violacea Lindl., Edwards's
Bot. Reg. 27 (Misc.) (1841) 12.

Rhynchostylis retusa (L.) Blume, Bijdr. (1825) 286, Fig. 49; --Ames in Merr., EPFP 1 (1925) 423; --
Gastrochilus retusus (L.) Kuntze, Revis. Gen. Pl. 2 (1891) 66; --Saccolabium retusum (L.) Voigt, Hort. Suburb. Calcutta (1845)
--Aerides retusum (L.) Sw., J. Bot. (Schrader) 2 (1799) 233; --Epidendrum retusum L., Sp. Pl. (1753) 953.
--Type:

Gastrochilus praemorsus (Willd.) Kuntze, Revis. Gen. Pl. 2 (1891) 661; --Saccolabium praemorsum (Willd.) Lindl.,
Gen. Sp. Orchid. Pl. (1830) 22; --Rhynchostylis praemorsa (Willd.) Blume, Bijdr. (1825) 286; --Aerides
praemorsum Willd., Sp. Pl. 4 (1805) 130. --Type:
Orchis lanigera Blanco, Fl. Filip. (1837) 641. --Type:

Rhytionanthos Garay, Hamer & Siegerist

Rhytionanthos plumatum (Ames) Garay, Hamer & Siegerist, Nordic J. Bot. 14 (1994) 639; --
Bulbophyllum plumatum Ames, Orchidaceae 5 (1915) 184; --Ames in Merr., EPFP 1 (1925) 387. --Type: BS
21479 Escritor (AMES*, holo). Mindanao:

Robiquetia Gaudichaud

Robiquetia cerina (Reichb.f.) Garay, Bot. Mus. Leaf. Harvard Univ. 23 (1972) 196; --Saccolabium cerinum
Reichb.f., Gard. Chron. (1888) (2) 206; --Type:
Robiquetia merrillii (Ames) Ames, Orchidaceae 7 (1922) 123; --Ames in Merr., EPFP 1 (1925) 435; --Malleola merrillii
Ames, Orchidaceae 5 (1915) 236. --Type:

Robiquetia compressa (Lindl.) Schltr., Fedde Repert. Beihefte 1 (Orch. Deutsch-Neu-Guin.) (1913) 983;
--Ames in Merr., EPFP 1 (1925) 434; --Gastrochilus compressus (Lindl.) Kuntze, Revis. Gen. Pl. 2 (1891) 661. --Saccolabium
Robiquetia ramosii Ames, Orchidaceae 7 (1922) 123; --Ames in Merr., EPFP 1 (1925) 435. --Type:

Robiquetia discolor (Reichb.f.) Seidenf. & Garay, Bot. Tidsskr. 67 (1972) 119; --Saccolabium discolor
Reichb.f., Otia Bot. Hamburg. (1878) 42. --Type:
Schoenorchis mindanaensis Ames, Orchidaceae 5 (1915) 240; --Ames in Merr., EPFP 1 (1925) 436. --Type:
LUZON: Sorsogon, MINDANAO: Agusan del Norte. Epiphytic, altitude 15m in Mindanao. [as

Schoenorchis mindanaensis].

Robiquetia enigma Ferreras & W Suarez, *ined.* [Aust. Orch. Rev. (2009)]

Robiquetia pantherina (Kränzl.) Ames, Sched. Orchid. 6 (1923) 95; --Ames in Merr., EPFP 1 (1925) 435; --*Saccolabium pantherinum* Kraenzl., Repert. Spec. Nov. Regni Veg. 17 (1921) 391.

Robiquetia spathulata (Blume) JJ Sm., Natuurw. Tijdschr. Ned.-Indië 72 (1912) 114; --*Cleisostoma spathulatum* Blume, Bijdr. (1825) 364.
Pomatocalpa densiflorum (Lindl.) T Tang & FT Wang, Acta Phytotax. Sin. 1 (1951) 99; --*Rhynchostylis densiflora* (Lindl.) LO Williams, Bot. Mus. Leaf. 5 (1937) 58; --*Gastrochilus densiflorus* (Lindl.) Kuntze, Revis. Gen. Pl. 2 (1891) 661; --*Aerides densiflorum* (Lindl.) Wall. ex Hook.f., Fl. Brit. India 6 (1890) 72; --*Sarcanthus densiflorus* (Lindl.) Parish & Reichb.f., Trans. Linn. Soc. London 30 (1874) 136; --*Saccolabium densiflorum* Lindl., Gen. Sp. Orchid. Pl. (1833) 220. --Type:

Robiquetia vanoverberghii Ames, Orchidaceae 5 (1915) 238; --Ames in Merr., EPFP 1 (1925) 435. --Type:

Saccolabiopsis JJ Smith

Saccolabiopsis tenella (Ames) Garay, Bot. Mus. Leaf. Harvard Univ. 23 (1972) 198; --*Saccolabium tenellum* Ames, Orchidaceae 6 (1920) 308, t. 99; --Ames in Merr., EPFP 1 (1925) 432. --Type:

Saccolabiopsis viridiflora Averyanov, Rheedea 15(2) (2005) 97.

Saccolabium Blume = *Hymenorchis*, *Pennilabium*, *Tuberolabium*

Sadokum Tiu and Cootes

Sadokum stapeliiflorum (Teijsm. & Binn.) Tiu & Cootes, Austral. Orch. Rev. 72 (2007) 6; --*Grammatophyllum stapeliiflorum* (Teijsm. & Binn.) JJ Sm., Orch. Java (1905) 487; --*Cymbidium stapeliiflorum* Teijsm. & Binn., Tijdschr. Ned.-Indië 24 (1862) 319.

Samarorchis Ormerod

Samarorchis sulitiana Ormerod, Taiwaniana 53(2) 157-164. --Type:

- [Samarorchis sulitiana Ormerod](#) -- Taiwaniana 53(2): 160 (-162; fig. 3). 2008 [Jun 2008]

Santotomasia Ormerod

Santotomasia wardiana Ormerod, Taiwaniana 53(2) (2008) 157-164.

- [Santotomasia wardiana Ormerod](#) -- Taiwaniana 53(2): 162 (-163; fig. 4). 2008 [Jun 2008]

Sarcanthus Lindl. = *Cleisostoma*, *Eria*, *Megalotus*, *Sarcophyton*

Sarcophyton Garay

Sarcophyton crassifolium (Lindl.) Garay, Bot. Mus. Leaf. Harvard Univ. 23 (1972) 202; --*Sarcanthus*

crassifolius (Lindl.

& Paxton) JJ Sm., Natuurw. Tijdschr. Ned.-Indië 72 (1912) 85; --Cleisostoma crassifolium Lindl. & Paxton, Paxton's Fl. Gard. 3 (1852) t. 99.

Sarcophyton pachyphyllus (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 202; --Sarcanthus pachyphyllus

Ames, Orchidaceae 5 (1915) 248; --Ames in Merr., EPFP 1 (1925) 437. --Type:

Sarcochilus auctt. non R Brown

=Thrixspermum, Grosourdya, Pteroceras, Bogoria
17 spp. Australia (16 endemic) to New Caledonia.

Sayeria Kraenzlin

Sayeria macrophylla (A Rich.) Rauschert, Feddes Repert. 94 (1983) 467; --Latourorchis macrophylla (A Rich.) Brieger, Schlechter Orchideen 1(11-12) Suppl. 18 (1981) 727; --Dendrobium macrophyllum A Rich. in JCS Dumont d'Urville, Voy. Astrolabe 2 (1834) 22. --Type:

Dendrobium ternatense JJ Sm. Bull. Dept. Agr. Ind. Néerl. 22 (1909) 26; --Ames in Merr., EPFP 1 (1924) 356.

Sayeria setigera (Ames ex MA Clem.) MA Clem., xxxx

Dendrobium setigerum Ames ex MA Clem., Austral. Orchid Res. 64 (1999) 7; --Cootes, Orch. Philip. (2001) 90.

--Type:

LUZON: Mountain Province, Bataan, Pampanga, Rizal, Laguna, Quezon. Epiphytic, usually up to 400m.

Schoenorchis Reinwardt ex Blume

Schoenorchis micrantha Reinw. ex Blume, Bijdr. (1825) 362; --Ames in Merr., EPFP 1 (1925) 435; --Type: Ascocentrum micranthum (Reinw. ex Blume) Holttum, Gard. Bull. Sing. 11 (1947) 275.

Sumatra, Peninsular Malaysia, Java, Borneo, Philippines.

LUZON: Rizal, PALAWAN, LEYTE, MINDANAO: Davao, Agusan. Epiphytic, 0-1300m.

Schoenorchis vanoverberghii Ames, Orchidaceae 5 (1915) 242; --Ames in Merr., EPFP 1 (1925) 436.

--Type:

Schoenorchis paniculata var. vanoverberghii (Ames) SS Ying, Col. Ill. Indig. Orch. Taiwan 1(2) (1977) 499.

LUZON: Mountain Province, Cagayan, Pampanga, Bataan. Epiphytic at 1700m in Mountain Province.

Schuitmania Ormerod

Schuitmania merrillii (Ames) Ormerod, Lindleyana 17 (4) (2002) 229; --Erythrodes merrillii (Ames) Ames, Orchidaceae 3 (1908) 79, t. 54; --in Merr., EPFP 1 (1924) 273; --Herpysma merrillii Ames, PJS 2 c (1907) Bot. 313. --Type:

Kuhlhasseltia halconensis JJ Wood, Kew Bull. 41 (1986) 814. --Type:

MINDORO: Mindoro Oriental (Mt Halcon). Damp ravine, altitude 730m.

Spathoglottis Blume

Spathoglottis chrysantha Ames, Orchidaceae 2 (1908) 161, text cut; --Ames in Merr., EPFP 1 (1924) 336. --Type:

Spathoglottis elmeri Ames in Elmer, LPB 5 (1912) 1572; --Ames in Merr., EPFP 1 (1924) 336. --Type:

Spathoglottis kimballiana Hook.f., Bot. Mag. 121 (1895) t. 7443; [Hort. Sander ex Gartenflora 41 (1892) 184, nomen]; --Rolfe in Sander Reichenbachia ii, 2 (1894) 95, t. 88, text cut; --Ames in Merr., EPFP 1 (1924) 336.

var. angustifolia Ames, Orchidaceae 5 (1915) 99; --Ames in Merr., EPFP 1 (1924) 336. --Type:

var. antiquensis T Green, Orchid Digest 65 (2001) 89. --Type:

Spathoglottis palawanensis Lubag-Arquiza, Orchid Digest 70(3) (2006) 170-171. --Type:

[*Spathoglottis palawanensis* Lubag-Arquiza](#) -- Orchid Digest 70(3): 170 (-171; fotogr.). 2006 [Jul 2006]

[*Spathoglottis philippinensis* Lubag-Arquiza](#) -- Orchid Digest 70(3): 171 (-173; fotogr.). 2006 [Jul 2006]

Spathoglottis plicata Blume, Bijdr. (1825) 401, Fig. 76; --Ames in Merr., EPFP 1 (1924) 336. --Type:

Spathoglottis tomentosa Lindl., Bot. Reg. 31 (1843) sub t. 19; --Ames in Merr., EPFP 1 (1924) 337. --Type:

Spathoglottis vanoverberghii Ames, Orchidaceae 6 (1920) 299; --Ames in Merr., EPFP 1 (1924) 337. --Type:

Natural hybrid:

Spathoglottis × parsonsii Ames & Quisumb., Philip. Orchid Rev. 1 (1948) 4.

= *S. plicata* × *S. vanoverberghii*.

Spiranthes LC Richard

Spiranthes sinensis (Pers.) Ames, Orchidaceae 2 (1908) 53; --in Merr., EPFP 1 (1924) 268; --*Neottia sinensis* Pers., Syn. Pl. 2 (1807) 511.

Spiranthes sinensis var. *australis* (R Br.) H Hara & S Kitam., Acta Phytotax. Geobot. 36 (1985) 93.

Spiranthes aristotelia (Raeusch.) Merr. PJS 15 (1919) 230.

India, Sumatra, Borneo, Australia, Tasmania, and New Zealand. LUZON: Mountain Province, Benguet, MINDANAO: Agusan. Terrestrial, altitude 360-500m.

Staurochilus Ridley ex Pfitzer

Staurochilus agusanensis (Ames & Quisumb.) Fessel & Lückel, Orchidee (Hamburg) 49 (1998) 47; --*Trichoglottis agusanensis* Ames & Quisumb., PJS 59 (1936) 10. --Type:

Staurochilus fasciatus (Reichb.f.) Ridl., J. Linn. Soc., Bot. 32 (1896) 351; --*Stauroopsis fasciata* (Reichb.f.) Benth. & Hook.f. ex Jackson, Index Kew. 2 (1895) 982; --*Trichoglottis fasciata* Reichb.f., Flora 55 (1872) 137.

--Type:

Vandopsis leytensis Ames, Orchidaceae 5 (1915) 222; --Ames in Merr., EPFP (1925) 427. --Type:

LUZON: Rizal, Sorsogon, LEYTE. Epiphyte, 60-800m altitude (as *Vandopsis leytensis*)

Staurochilus guibertii (Linden & Reichb.f.) Christenson, Proc. World Orchid Conf. 14 (1994) 215; --*Trichoglottis guibertii* (Linden & Reichb.f.) Reichb.f., Gard. Chron. (1872) 699; --*Trichoglottis guibertii* (Linden & Reichb.f.) JJ Sm., Natuurw. Tijdschr. Ned.-Indië 72 (1912) 108; --*Vanda guibertii* (Linden & Reichb.f.) Linden ex Reichb.f., Bot. Zeitung (Berlin) 20 (1862) 375; --*Cleisostoma guibertii* Linden & Reichb.f., Bot. Zeitung (Berlin) 20 (1862) 375. --Type:

Staurochilus intermedius (LO Williams) Fessel & Lückel, Orchidee (Hamburg) 49 (1998) 47; --*Trichoglottis intermedia* LO Williams, PJS 65 (1938) 392. --Type:

Staurochilus ionosmus (Lindl.) Schltr., Orchideen (1914) 578; Fedde Repert. Beihefte 4 (Orch. Sino-Jap.

Prodr.) (1919) 287; --Ames in Merr., EPFP 1 (1925) 441; --Trichoglottis ionosma (Lindl.) JJ Sm. ex Hayata, Bot. Mag. (Tokyo) 29 (1915) 195; --Cleisostoma ionosmum Lindl., Edwards's Bot. Reg. 33 (1847) t. 41. Epidendrum lineare Blanco, Fl. Filip.: 644 (1837), *nom. illeg.*

Staurochilus loherianus (Kraenzl.) Christenson, Orchid Atlas 8 (1992) 251; --Trichoglottis loheriana (Kraenzl.) LO Williams, PJS 65 (1938) 388; --Acampe loheriana Kraenzl., Fedde Repert. 17 (1921) 386; --Ames in Merr., EPFP 1 (1925) 429. --Type:
Vandopsis davisii Ames & Quisumb., PJS 49 (1932) 497. --Type:

Staurochilus luchuensis (Rolfe) Fukuyama, Trans. Nat. Hist. Soc. Taiwan 32 (1942) 270; --Trichoglottis ionosma var. luchuensis (Rolfe) SS Ying, Col. Ill. Indig. Orch. Taiwan 1(2) (1977) 507; --Trichoglottis luchuensis (Rolfe) Garay & HR Sweet, Bot. Mus. Leaf. Harvard Univ. 23 (1972) 209; --Pomatocalpa luchuense (Rolfe)
T Tang & FT Wang, Acta Phytotax. Sin. 1 (1951) 99; --Vandopsis luchuensis (Rolfe) Schltr., Repert. Spec. Nov. Regni Veg. 10 (1911) 196; --*Staurochilus luchuensis Rolfe, Bull. Misc. Inform. Kew (1907) 131. --Type:

Staurochilus luzonensis Ames in Merr., EPFP 1 (1925) 442; --Trichoglottis ionosma var. luzonensis (Ames) SS Ying, Col. Ill. Indig. Orch. Taiwan 1(2) (1977) 507. --Trichoglottis luzonensis Ames, Orchidaceae 5 (1915) 255. --Type:
Vandopsis kupperiana Kraenzl., Fedde Repert. 17 (1921) 390. --Type:
Extra-Philippine distribution? LUZON: Quezon, MINDANAO: Agusan. Epiphyte, up to c. 400m in Agusan.

Staurochilus mimicus (LO Williams) Arquiza & Christenson, Orchid Digest (Jan-Mar. 2007) **23-25**; --Trichoglottis mimica LO Williams, PJS 65 (1938) 389. --Type:

Staurochilus tamesisii (Quisumb. & Schweinf.) Fessel & Lückel, Orchidee 49 (1998) 47; --Trichoglottis tamesisii Quisumb. & Schweinf., Philip. Orch. Rev. 6, No. 1 (1955) 3. --Type:

Stereochilus Lindley

Stereochilus ringens (Reichb.f.) Garay, Bot. Mus. Leaf. Harvard Univ. 23 (1972) 205; --Sarcanthus ringens (Reichb.f.) JJ Sm. Nat. Tijdschr. Ned. Ind. 72 (1912) 93 (reprint 22); --Ames in Merr., EPFP 1 (1925) 437; --Cleisostoma ringens (Reichb.f.) Reichb.f., Gard. Chron., Ill, (1888) (2) 724; Eria ringens Reichb.f., Bonplandia 3 (1885) 222; --Ames in Merr., EPFP 1 (1925) 375. --Type:

Stereosandra Blume

Stereosandra javanica Blume, Ann. Mus. Bot. Lugd.-Bat. 2 (1856) 176; --Ames in Merr., EPFP 1 (1924) 267.
Extra-Philippine distribution? LUZON: Benguet, Bataan, Rizal, Sorsogon, MINDANAO: Zamboanga, Agusan.

Taenia =Tainia

Taeniophyllum Blume

Taeniophyllum copelandii Ames, PJS 8 c (1913) Bot. 436; --Ames in Merr., EPFP 1 (1925) 442. --Type:

Taeniophyllum elmeri AMES in Elmer, LPB 5 (1912) 1588;--Ames in Merr., EPFP 1 (1925) 442. --Type:

Taeniophyllum leytense Ames, Orchidaceae 5 (1920) 310; --Ames in Merr., EPFP 1 (1925) 442. --Type:

Taeniophyllum merrillii Ames, PJS 6 c (1911) Bot. 56; --Ames in Merr., EPFP 1 (1925) 442. --Type:

Taeniophyllum philippinensis Reichb.f., Otia Bot. Hamburg. 1 (1878) 53; --Ames in Merr., EPFP 1 (1925) 443. --Type:

Taeniophyllum saccatum LO Williams, Bot. Mus. Leaf. 5 (1938) 169. --Type:

Tainia Blume

Tainia maingayi Hook.f., Fl. Brit. Ind. 5 (1890) 822.

Thecostele Reichenbach *filius*

Thecostele alata (Roxb.) Parish & Reichb.f., Trans. Linn. Soc. 30 (1874) 135, 144, t. 29; --Ames in Merr., EPFP 1 (1925) 399; --Cymbidium alatum Roxb., Fl. Ind. ed. 1832, 3 (1832) 459.

Thecostele elmeri (Ames) Ames, PJS 8 c (1913) Bot. 434; --Pholidota elmeri Ames, in Elmer, LPB 5 (1912) 1557.

Extra-Philippine Distribution?

Thelasis Blume

Thelasis capitata Blume, Bijdr. (1825) 386; --Ames in Merr., EPFP 1 (1925) 393.

Thelasis carinata Blume, Bijdr. (1825) 386; --Ames in Merr., EPFP 1 (1925) 393.

Thelasis micrantha (Brongn.) JJ Sm. Fl. Buitenz. 6 (Orch. Jav.) (1905) 495; --Ames in Merr., EPFP 1 (1925) 394; --Oxyanthera micrantha Brongn., in Duperrey, Voy. Monde (1834) 197. --Type:

Thelasis obtusa Blume, Bijdr. (1825) 386; --Ames in Merr., EPFP 1 (1925) 394.

Thelasis pygmaea (Griff.) Lindl., J. Proc. Linn. Soc., Bot. 3 (1859) 63; --Euproboscis pygmaea Griff., Calcutta J. Nat. Hist. 5 (1845) 372. --Type:

Thelasis triptera Reichb.f., Bonplandia 3 (1855) 219; --Ames in Merr., EPFP 1 (1925) 394. --Type:

Thelymitra JR & G Forster

Thelymitra javanica Blume, Bijdr. (1825) 419; --Ames in Merr., EPFP 1 (1924) 260.

Extra-Philippine distribution? LUZON: Mountain Province, Benguet. On open slopes at 1350-2300m altitude.

Thrixspermum Loureiro

Thrixspermum acuminatissimum (Blume) Reichb.f., Xenia Orchid. 2 (1867) 121; --Ames in Merr., EPFP 1 (1925) 404; --Sarcophilus acuminatissimus (Blume) Reichb.f. in Walpers, Ann. Bot. Syst. 6 (1863) 498; --Aerides acuminatissimum (Blume) Lindl., Gen. Sp. Orchid. Pl. (1833) 240; --Dendrocolla acuminatissima Blume, Bijdr. (1825) 286. --Type:

Thrixspermum agusanense Ames, Orchidaceae 5 (1915) 201; --Ames in Merr., EPFP 1 (1925) 405. --Type:

Thrixspermum amesianum LO Williams, Bot. Mus. Leaf. 6 (1938) 87. --Type:

Thrixspermum amplexicaule (Blume) Reichb.f., Xenia Orchid. 2 (1867) 121; --Ames in Merr., EPFP 1 (1925) 405.

*Dendrocolla amplexicaulis Blume, Bijdr. (1825) 286.

Aerides amplexicaule (Blume) Lindl., Gen. Sp. Orchid. Pl. (1833) 239.

Orsidice amplexicaulis (Blume) Reichb.f., Bonplandia 2 (1854) 93.

Sarcochilus amplexicaulis (Blume) Reichb.f. in Walpers, Ann. Bot. Syst. 6 (1863) 499.

Thrixspermum angustatum LO Williams, Bot. Mus. Leaflet. 6 (1938) 90. --Type:

Thrixspermum bromeliforme W Suarez, *ined.*, [Aust. Orch. Rev. 2009]

- [*Thrixspermum bromeliforme* W. Suarez](#) -- Austral. Orchid Rev. 74(3): 33 (figs.). 2009 [Jun 2009]

Thrixspermum centipeda Lour., Fl. Cochinch. (1790) 520. --Type:

Sarcochilus centipeda (Lour.) Naves in Blanco, Fl. Filip., ed. 3, 13A (1880) 238.

Epidendrum thrixspermum Raeusch., Nomencl. Bot., ed. 3 (1797) 265.

Aerides flos-aeris Sw. in Schrader J. Bot. 2 (1799) 233.

Thrixspermum arachnites (Blume) Reichb.f., Xenia Orchid. 2 (1868) 121; --Sarcochilus arachnites (Blume) Reichb.f. in Walpers, Ann. Bot. Syst. 6 (1863) 498; --Aerides arachnites (Blume) Lindl., Gen. Sp. Orchid. Pl. (1833) 238; --Dendrocolla arachnites Blume, Bijdr. (1825) 287. --Type:

Thrixspermum cootesii W Suarez, *ined.* [Aust. Orch. Rev. 2009]

- [*Thrixspermum cootesii* W. Suarez](#) -- Austral. Orchid Rev. 74(3): 34 (figs.). 2009 [Jun 2009]

Thrixspermum elmeri LO Williams, Bot. Mus. Leaflet. 6 (1938) 81. --Type:

Thrixspermum elongatum Ames, Orchidaceae 5 (1915) 203; --Ames in Merr., EPFP 1 (1925) 405. --Type:

Thrixspermum eximium LO Williams, Bot. Mus. Leaflet. 6 (1938) 84. --Type:

Thrixspermum fantasticum LO Williams, Bot. Mus. Leaflet. 6 (1938) 82. --Type:

Thrixspermum neglectum Fukuyama, Trans. Nat. Hist. Soc. Taiwan 32 (1942) 269.

Thrixspermum hystrix (Blume) Reichb.f., Trans. Linn. Soc. London 30 (1874) 145; --Grosourdya hystrix (Blume) Reichb.f., Xenia Orchid. 2 (1868) 123; --Sarcochilus hystrix (Blume) Reichb.f. in Walpers, Ann. Bot. Syst. 6 (1863) 500; --Aerides hystrix (Blume) Lindl., Gen. Sp. Orchid. Pl. (1833) 242; --Dendrocolla hystrix Blume, Bijdr. (1825) 291. --Type:

Thrixspermum elegans (Reichb.f.) Kuntze, Revis. Gen. Pl. 2 (1891) 682; --Grosourdya elegans Reichb.f., Bot. Zeitung (Berlin) 22 (1864) 297.

Thrixspermum integrum LO Williams, Bot. Mus. Leaflet. 6 (1938) 85. --Type:

Thrixspermum ligulatum LO Williams, Bot. Mus. Leaflet. 6 (1938) 93. --Type:

Thrixspermum linearifolium Ames, Orchidaceae 5 (1915) 205; --Ames in Merr., EPFP 1 (1925) 405. --Type:

Thrixspermum merguense (Hook.f.) Kuntze, Rev. Gen. Pl. (1891) 682; --Dendrocolla merguensis (Hook.f.) Ridl., J. 40. --Type:

Thrixspermum bicristatum Ames, Orchidaceae 5 (1915) 202; --Ames in Merr., EPFP 1 (1925) 405. --Type:

Thrixspermum comans JJ Sm. Bull. Dép. Agric. Indes Néerl. 13 (1907) 61. --Type:

Java and the Philippines. (T. comans)

Thrixspermum pensile Schltr., Bot. Jahrb. Syst. 45, Beibl. 104 (1911) 59. --Type:

Thrixspermum quinquelobum Ames, Orchidaceae 5 (1915) 206; --Ames in Merr., EPFP 1 (1925) 405. --Type:

Thrixspermum robinsonii Ames, Orchidaceae 5 (1915) 207; --Ames in Merr., EPFP 1 (1925) 405. --Type:

Thrixspermum rostratum Ames, Orchidaceae 5 (1915) 208; --Ames in Merr., EPFP 1 (1925) 406. --Type:

Thrixspermum subulatum (Blume) Reichb.f., Xenia Orchid. 2 (1867) 122; --Ames in Merr., EPFP 1 (1925)

406. --Sarcochilus subulatus (Blume) Reichb.f. in Walpers, Ann. Bot. Syst. 6 (1863) 500; --Aerides subulatum (Blume) Lindl., Gen. Sp. Orchid. Pl. (1833) 241; --Dendrocolla subulata Blume, Bijdr. (1825) 291. --Type:

Thrixspermum vanoverberghii Ames, PJS 8 c (1913) Bot. 438; --Ames in Merr., EPFP 1 (1925) 405.

--Type:

Thrixspermum weberi Ames, Orchidaceae 7 (1922) 134; --Ames in Merr., EPFP 1 (1925) 406. --Type:

Thrixspermum wenzelii Ames, Orchidaceae 5 (1915) 209; --Ames in Merr., EPFP 1 (1925) 406. --Type:

Trachoma Garay =Tuberolabium

Trichoglottis Blume

Trichoglottis amesiana LO Williams, PJS 65 (1938) 393. --Type:

Trichoglottis apoensis T Hashim., Ann. Tsukuba Bot. Gard. 10 (1991) 27. --Type:

- [*Trichoglottis apoensis* T.Hashim. subsp. *alba* Agoo](#) -- Philipp. Scientist 43: 35 (-36, 39; plate 1). 2007 [2006 issued late Jul 2007]

Trichoglottis atropurpurea Reichb.f., Linnaea 41 (1876) 30; --Ames in Merr., EPFP 1 (1925) 439. --Type:

Trichoglottis brachiata Ames, Orchidaceae 7 (1922) 136; --Ames in Merr., EPFP 1 (1925) 440. --Type: Not in Coates (2008) Checklist.

Trichoglottis brachystachya (Kraenzl.) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 209; -- Cleisostoma brachystachyum Kraenzl., Ann. K.K. Naturhist. Mus. Wien 30 (1916) 62. --Type:

Trichoglottis calochila LO Williams, PJS 65 (1938) 395. --Type:

Trichoglottis geminata (Teijsm. & Binn.) JJ Sm., Orch. Ambon (1905) 106; --Sarcanthus geminatus Teijsm. & Binn., Tijdschr. Ned.-Indië 29 (1867) 243. --Type:

Trichoglottis oblongifolia Rolfe, Bull. Misc. Inform. Kew (1899) 130. --Type:

Stauroopsis wenzelii (Ames) Ames & Quisumb., PJS 52 (1934) 467; --*Trichoglottis wenzelii* Ames, PJS 8 c (1913) Bot. 440; --Ames in Merr., EPFP 1 (1925) 440. --Type:

Trichoglottis golamcoi Agoo,

- [*Trichoglottis intermedia* L.O.Williams var. *marginata* Agoo](#) -- Philipp. Scientist 43: 36 (-37, 40; plate 2). 2007 [2006 issued late Jul 2007]

Trichoglottis latisepala Ames, PJS 4 c (1909) Bot. 675; --Ames in Merr., EPFP 1 (1925) 440. --Type:

Trichoglottis latisepala var. *tricarinata* T Hashim., Ann. Tsukuba Bot. Gard. 10 (1991) 30. --Type:

Trichoglottis madulidii Agoo,

Trichoglottis mindanaensis Ames, PJS 8 c (1913) Bot. 439; --Ames in Merr., EPFP 1 (1925) 440. --Type:

forma mindanaensis

forma lutea Agoo, Philip. Scientist 43 (2007) 37, pl. 3. –Type:

- *Trichoglottis mindanaensis* Ames f. *lutea* Agoo -- Philipp. Scientist 43: 37 (-39, 41; plate 3). 2007 [2006 issued late Jul 2007]

Trichoglottis philippinensis Lindl., Ann. & Mag. Nat. Hist. 15 (1845) 386; --Ames in Merr., EPFP 1 (1925) 440. –Type:

Staurochilus philippinensis (Lindl.) Backer, Bekn. Fl. Java 12 (3), Fam. 244 (1952) 424.

Arachnis philippinensis (Lindl.) Ames, Orchidee (Hamburg) 7 (1938) 90.

Stauropsis philippinensis (Lindl.) Reichb.f., Hamburger Garten- Blumenzeitung 16 (1860) 117.

Trichoglottis quisumbingii Agoo,

Trichoglottis rosea (Lindl.) Ames in Merr., EPFP 1 (1925) 440; --Pomatocalpa roseum (Lindl.) JJ Sm., Natuurw. Tijdschr. Ned.-Indië 72 (1912) 106; --Cleisostoma roseum Lindl., Edwards's Bot. Reg. 24 (Misc.) (1838) 80. –Type:

Trichoglottis flexuosa Rolfe ex Ames, Orchidaceae 1 (1905) 107. –Type:

Trichoglottis rosea var. breviracema (Hayata) TS Liu & HJ Su, in Fl. Taiwan 5 (1978) 1120; --Trichoglottis breviracema (Hayata) Schltr., Repert. Spec. Nov. Regni Veg. Beih. 4 (1919) 286; --Pomatocalpa breviracemum (Hayata) Hayata, Icon. Pl. Formosan. 4 (1915) Add. & Corr.; --Cleisostoma breviracemum Hayata, J. Coll. Sci. Imp. Univ. Tokyo 30(1) (1911) 338.

Trichoglottis oblongisepala (Hayata) Schltr., Repert. Spec. Nov. Regni Veg. Beih. 4 (1919) 286; --Pomatocalpa oblongisepalum (Hayata) Hayata, Icon. Pl. Formos. 4 (1915) Add. & Corr.; --Cleisostoma oblongisepalum Hayata, Icon. Pl. Formos. 2 (1912) 134.

Trichoglottis solerederi Kraenzl., Fedde Repert. 8 (1910) 98; --Ames in Merr., EPFP 1 (1925) 440. –Type:

Trichoglottis subviolacea (Llanos) Merr., Sp. Blancoanae (1918) 116; Cleisostoma subviolaceum (Llanos) Reichb.f., Bonplandia 10 (1862) 335; --Synptera subviolacea Llanos, Fragm. Pl. Philip. (1851) 98. –Type:

Trichoglottis bataanensis Ames, Orchidaceae 1 (1905) 105, text cut; --Ames in Merr., EPFP 1 (1925) 439. –Type:

Trichotosia Blume

Trichotosia binabayensis (Ames) Kraenzl. in Engl. Pflanzenreich, IV, 50(50) (1911) 141; --Eria binabayensis Ames, PJS 2 c (1907) Bot. 329; --Ames in Merr., EPFP 1 (1924) 365. –Type:

Trichotosia fusca (Blume) Kraenzl. in Engl., Pflanzenreich, IV, 50(50) (1911) 145; --Pinalia fusca (Blume) Kuntze, Revis. Gen. Pl. 2 (1891) 679; --Eria fusca Blume, Ann. Mus. Bot. Lugd.-Bat. 2 (1856) 183; --Ames in Merr., EPFP 1 (1924) 368. –Type:

Pinalia ciliata (Miq.) Kuntze, Revis. Gen. Pl. 2 (1891) 679; --Trichotosia ciliata (Miq.) Teijsm. & Binn., Tijdschr. Ned.-Indië 5 (1853) 492; --Eria ciliata Miq., Fl. Ned. Ind. 3 (1859) 659.

Trichotosia hirta (Blume) Kraenzl. in Engl., Pflanzenreich IV, 50(50) (1911) 145, *nom. inval.*; --Pinalia hirta (Blume) Kuntze, Revis. Gen. Pl. 2 (1891) 679; --Eria hirta Blume, Mus. Bot. 2 (1856) 184.

Trichotosia halconensis (Ames) Kraenzl. in Engl., Pflanzenreich IV, 50(50) (1911) 149; --Eria halconensis Ames, PJS 2 c (1907) Bot. 330; --Ames in Merr., EPFP 1 (1924) 368. –Type:

Trichotosia lagunensis (Ames) Schuit. & de Vogel, Blumea 48 (2003) 513; --Eria lagunensis Ames, Orchidaceae 5 (1915) 150; --Ames in Merr., EPFP 1 (1925) 370. --Type: Serrato *sn.* (AMES, holo; iso: AMES (3sheets*), BM, GH*, L*, NY*, PNH, US*).

Trichotosia leytensis (Ames) Schuit. & de Vogel, Blumea 48 (2003) 513; --Eria leytensis Ames, PJS 8 c (1913) Bot. 427; --Ames in Merr., EPFP 1 (1924) 370. --Type: Wenzel 17 (AMES*, holo; iso: BM, BO, NY*).

Trichotosia macgregorii (Ames) Schuit. & de Vogel, Blumea 48 (2003) 513; --Eria macgregorii Ames, Orchidaceae 5 (1915) 153; --Ames in Merr., EPFP 1 (1925) 372. --Type: BS 19876 McGregor (AMES*, holo; iso: BO).

Trichotosia odorifera (Leavitt) Kraenzl. in Engl., Pflanzenreich IV, 50(50) (1911) 153; --*Eria odorifera* Leavitt, PJS 4 c (1909) Bot. 223, 242, Fig. 24; --Ames in Merr., EPFP 1 (1925) 372. --Type:

Trichotosia ramosii (Leavitt) Kraenzl. in Engl., Pflanzenreich IV, 50(50) (1911) 156; --*Eria ramosii* Leavitt, PJS 4 c (1909) Bot. 224, 243, Fig. 25; --Ames in Merr., EPFP 1 (1925) 374. --Type:

Trichotosia vulpina (Reichb.f.) Kraenzl., in Engl., Pflanzenreich IV, 50(50) (1911) 141; --*Pinalia vulpina* (Reichb.f.) Kuntze, Revis. Gen. Pl. 2 (1891) 679; --*Eria vulpina* Reichb.f., Bonplandia 3 (1855) 222; --Ames in Merr., EPFP 1 (1925) 375. --Type:

Tropidia Lindl.

Tropidia angulosa (Lindl.) Blume, Coll. Orchid. (1859) 122; --*Decaisnea angulosa* Lindl. in Wall., Numer. List:

7388 (1832), nom. inval.; --*Cnemidia angulosa* Lindl., Edwards's Bot. Reg. 19 (1833) t. 1618.

Tropidia calcarata Ames, PJS 7 c (1912) Bot. 7; --Ames in Merr., EPFP 1 (1924) 279. --Type:

As *T. calcarata*: LUZON: Rizal, Laguna.

Tropidia mindanaensis Ames, in Elmer, LPB 5 (1912) 1553; Ames in Merr., EPFP 1 (1924) 279. --Type: MINDANAO: Davao (Mt Apo, Todaya).

Tropidia mindorensis Ames, PJS 2 c (1907) Bot. 315; --Ames in Merr., EPFP 1 (1924) 279. --Type: MINDORO: Mindoro Oriental (Binabay River). Terrestrial in humid forest at 300m altitude.

Tropidia nipponica Masam., Bot. Mag. (Tokyo) 43 (1929) 249.

Tropidia robinsonii Ames, Sched. Orchid. 6 (1923) 16; --Ames in Merr., EPFP 1 (1924) 279. --Type: LUZON (Tayabas).

Tropidia septemnervis (Schauer) Reichb.f., Linnaea 25 (1852) 230; --Ames in Merr., EPFP 1 (1924) 279. --Type:

LUZON: Nueva Ecija, Pampanga, Bataan, Laguna, MINDORO, LEYTE. Terrestrial in forest at 500m in LEYTE.

Tropidia somai Hayata, Icon. Pl. Formos. 6 (1916) 85.

Tuberolabium Yamamoto

Revision:

NJBV 10 (1990) 481—

Tuberolabium brevirhachis (LO Williams) JJ Wood, Nordic J. Bot. 10 (1990) 481; --*Trachoma brevirhachis* (LO Williams) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 208; --*Saccolabium brevirhachis* LO Williams, Bot. Mus. Leaflet. 6: 109 (1938).

Tuberolabium calcaratum T Hashim., Ann. Tsukuba Bot. Gard. 10 (1991) 33. --Type:

Tuberolabium escritorii (Ames) Garay, Bot. Mus. Leaflet. Harvard Univ. 23 (1972) 210; --*Saccolabium escritorii* Ames, Orchidaceae 5 (1915) 227; --Ames in Merr., EPFP 1 (1925) 432. --Type: *Parapteroceras escritorii* (Ames) JJ Wood, Nordic J. Bot. 10 (1990) 485.

Tuberolabium guamense (Ames) JJ Wood, Nord. J. Bot. 10(5) (1990) 482; --*Saccolabium guamense*

Ames, PJS 9c (1914) 15.

Tuberolabium kotoense Yamam., Bot. Mag. (Tokyo) 38 (1924) 209; --Saccolabium kotoense (Yamam.) Yamam., Icon. Pl. Formos., Suppl. 2 (1926) 6.

- [*Tuberolabium phillipsii* Choltco](#) -- Orchids (West Palm Beach) 76(3): 220 (-221; fig. 1). 2007 [Mar 2007]

Tuberolabium quisumbingii (LO Williams) Christenson, Lindleyana 7(2) (1992) 92; --Saccolabium quisumbingii LO Williams, Bot. Mus. Leaflet 6 (1938) 110.

var. quisumbingii

var. xanthum Choltco, Orchids 76(3) (2007) 221.

- [*Tuberolabium quisumbingii* \(L.O.Williams\) Christenson var. *xanthum* Choltco](#) -- Orchids (West Palm Beach) 76(3): 221 (fig. 2). 2007 [Mar 2007]

Tuberolabium rhopalorrhachis (Reichb.f.) JJ Wood, Nordic J. Bot. 10 (1990) 482; --Saccolabium rhopalorrhachis (Reichb.f.) JJ Sm., Orch. Java (1905) 644; --Thrixspermum rhopalorrhachis (Reichb.f.) Reichb.f., Xenia Orchid. 2 (1868) 121; --Sarcophilus rhopalorrhachis (Reichb.f.) Reichb.f. in Walpers, Ann. Bot. Syst. 6 (1863) 500; --Dendrocolla rhopalorrhachis Reichb.f., Bonplandia 5 (1857) 40. --Type:

Tuberolabium sarcochiloides (Schltr.) Garay, Bot. Mus. Leaflet 23 (1972) 210; --Trachoma sarcochiloides (Schltr.) W Suarez & Cootes, Philippi. Orch. Rev. 15(2) (2007) 20; --Saccolabium sarcochiloides Schltr., Orchis 5 (1911) 61, t. 8; --Ames in Merr., EPFP 1 (1925) xxx. --Type: Saccolabium loheri Ames, Orchidaceae 5 (1915) 228; --Ames in Merr., EPFP 1 (1925) 432. --Type: LUZON: Nueva Vizcaya, Zambales, Quezon.

Tuberolabium woodii Choltco, Orchids 75 (2006) 923. --Type:

- [*Tuberolabium woodii* Choltco](#) -- Orchids (West Palm Beach) 75(12): 924 (-925; fig. 4). 2006 [Dec 2006]

Vanda Jones ex R Brown

Vanda helvola Blume, Rumphia 4 (1849) 49.

Sumatra, Peninsular Malaysia, Java, Borneo, S Philippines, New Guinea. S MINDANAO

Vanda javierae Tiu ex Fessel & Lückel, Orchidee (Hamburg) 41 (1990) 146.

LUZON: Pangasinan. Epiphyte, usually close to water, c. 1200m.

Vanda lamellata Lindl., Bot. Reg. 24 (1838) Misc. 66; --Ames in Merr., EPFP 1 (1925) 429. --Type:

Vanda citellaria Reichb.f., Flora 55 (1872) 277; --Ames in Merr., EPFP 1 (1925) 429.

Vanda vidalii Boxall ex Naves in Blanco, Fl. Filip., ed. 3, 13 (1880) 240.

var. boxallii Reichb.f., Gard. Chron., n.s., 13 (1880) 743; --Ames in Merr., EPFP 1 (1925) 430. --Type:

Vanda boxallii (Reichb.f.) Reichb.f., Gard. Chron., n.s., 15 (1881) 366.

var. boxallii forma alba Hort.

var. calayana Valmayor & Tiu, Philip. Orch. Rev. (1983)

var. flava Valmayor & Tiu, Philip. Orch. Rev. (1983)

var. remediosae Ames & Quisumb., PJS 52 (1933) 461. --Type:

Vanda limbata Blume, Rumphia 4 (1849) 49.

Vanda lindenii Reichb.f., Gard. Chron., n.s., 26 (1886) 70.

Vanda saxatilis JJ Sm., Bull. Jard. Bot. Buitenzorg, III, 8 (1926) 66.

Vanda scandens non Holttum, Sarawak Mus. J.

Borneo, Philippines. PALAWAN, MINDANAO. Epiphyte, up to 500m. According to Cootes (2001), exact Philippine localities not noted.

Vanda luzonica Loher ex Rolfe, Orch. Rev. 23 (1915) 137, 371, Fig. 12; --Ames in Merr., EPFP 1 (1925) 430.

–Type:

LUZON: Zambales, Bulacan, Rizal. Epiphyte, altitude c. 500m. According to Cootes (2001), once common on Mt Pinatubo, but population here probably much decimated by the latter's eruption in 1991.

Vanda merrillii Ames & Quisumb., PJS 47 (1932) 211. –Type:

var. merrillii

var. immaculata Ames & Quisumb., PJS 52 (1933) 462. –Type:

var. rotorii Ames & Quisumb., PJS 52 (1933) 462. –Type:

Vanda roeblingiana Rolfe, Kew Bull. (1894) 365; --Ames in Merr., EPFP 1 (1925) 430. –Type:

- [*Vanda ustii* Golamco, Claustro & de Mesa](#) -- Waling-Waling Rev. 8(1): 10 (9-14; fig.). 2000

Not in Cootes' (2006 & 2008) Checklists.

Vanda lamellata* var. *cobbiana (Reichb.f.) Ames, Orchidaceae 2 (1908) 241; --Ames in Merr., EPFP 1 (1925) 430.

Vandopsis Pfitzer

Vandopsis lissochiloides (Gaudich.) Pfitzer in Engl. & Prantl, Nat. Pflanzenfam. 2, Abt. 6 (1889) 210, Fig.

229; --Ames in Merr., EPFP 1 (1925) 427; --*Stauropsis lissochiloides* (Gaudich.) Pfitzer, Grundz. Morph. Orchid. (1881) 14; --*Vanda lissochiloides* (Gaudich.) Lindl., Gen. Sp. Orchid. Pl. (1833) 216; --*Fieldia lissochiloides* Gaudich., Voy. Uranie (1820) 424. –Type :

Vanilla Swartz

Vanilla calopogon Reichb.f., Otia Bot. Hamburg. 1 (1878) 40; --Ames in Merr., EPFP 1 (1924) 263.

LUZON: Ilocos Norte.

Vanilla ovalis Blanco, Fl. Filip. ed. 2 (1845) 593; --Ames in Merr., EPFP 1 (1924) 263.

Vanilla majaijensis Blanco, Fl. Filip., ed. 2 (1845) 592.

Vanilla philippinensis Rolfe, J. Linn. Soc., Bot. 32 (1896) 459.

LUZON: Bulacan, Rizal, Laguna, Quezon, Sorsogon, SIBUYAN, BILIRAN, MINDANAO: Zamboanga del Norte (Dapitan), Lanao, Agusan del Norte (Butuan).

Vanilla platyphylla Schltr., Repert. Spec. Nov. Regni Veg. 10 (1911) 7.

Philippines, Sulawesi. N MINDORO.

Vexillabium Maekawa

Vexillabium yakushimense (Yamam.) Maekawa, J. Jap. Bot. 11 (1935) 459; --Anoectochilus yakushimensis Yamam., Bot. Mag. (Tokyo) 38 (1924) 131.

Vrydagzynea Blume

Vrydagzynea albida (Blume) Blume, Fl. Jav. Orch. (1858) 62 (Orch. Arch. Ind. 75), t. 19, Fig. 2; --Ames in Merr., EPFP 1 (1924) 278; --Hetaeria albida Blume, Bijdr. (1825) 410.

Vrydagzynea viridiflora Hook.f., Fl. Brit. India 6 (1890) 96.

Peninsular Malaysia and Java. LUZON: Rizal, Quezon, Sorsogon, MINDORO, NEGROS: Negros Oriental, LEYTE, SAMAR, MINDANAO: Zamboanga, Davao, JOLO. A rather common and widely distributed species in the Philippines. Terrestrial in dense forest at 137-1000m altitude.

Vrydagzynea vrydagzynoides (Ames) Ormerod, Lindleyana 17 (2002) 4, 228-232; --Erythroides vrydagzynoides Ames, Orchidaceae 5 (1915) 29; --in Merr., EPFP 1 (1924) 273. --Type: LEYTE (Dagami). In forest, altitude 60m.

Vrydagzynea weberi Ames, Orchidaceae 5 (1915) 42; --Ames in Merr., EPFP 1 (1924) 278. --Type: LUZON: Apayao, Rizal, Laguna, Quezon, Sorsogon, POLILLO, LEYTE. Terrestrial, up to 600m altitude in LEYTE.

Zeuxine Lindley

Zeuxine elmeri (Ames) Ames, Bot. Mus. Leaflet 5 (1938) 100; --Adenostylis elmeri Ames in Elmer, LPB 5 (1912) 1552; --Ames in Merr., EPFP 1 (1924) 275. --Type:

Zeuxine lancifolia (Ames) Ormerod, Austral. Orchid Rev. 63, 4 (1998) 11; --Hetaeria lancifolia Ames, Orchidaceae 5 (1915) 44 (as *lancifolium*); -- in Merr., EPFP 1 (1923) 278. --Type: LUZON: Apayao (Abulug-Narig trail). Terrestrial in shady forest at 22m altitude.

Zeuxine leytenensis (Ames) Ames, Bot. Mus. Leaflet 5 (1938) 100; --Adenostylis leytenensis Ames, Orchidaceae 5 (1915) 39; --Ames in Merr., EPFP 1 (1924) 276. --Type: LUZON: Sorsogon, LEYTE. Terrestrial.

Zeuxine marivelensis (Ames) Schltr., Bot. Jahrb. Syst. 45 (1911) 394; --Adenostylis marivelensis Ames, Orchidaceae 2 (1908) 58, text cut; --Ames in Merr., EPFP 1 (1924) 276. --Type: LUZON: Bataan, NEGROS: Negros Occidental.

Zeuxine mindanaensis (Ames) Ormerod, Taiwania 49(3) (2004) 179; --Hetaeria mindanaensis Ames, Orchidaceae 5 (1915) 45. --Type: Weber 317 (AMES*, holo; iso: AMES). Mindanao: Agusan del Norte prov., Sangaan-Cabadbaran Trail, 11 Dec 1911. MINDANAO: Agusan del Norte. Forest shade, c. 22m.

Zeuxine nervosa (Wall. ex Lindl.) Trimen, Syst. Cat. Fl. Pl. Ceylon (1885) 90; --Heterozeuxine nervosa (Wall. ex Lindl.) T Hashim., Ann. Tsukuba Bot. Gard. 5 (1986) 21; --Haplochilus nervosus (Wall. ex Lindl.) D. Dietr., Syn. Pl. 5 (1852) 172; --Hetaeria nervosa Lindl. in Wall., Numer. List (1832) 7381, *nom. nud.*; --Monochilus nervosus Wall. ex Lindl., Gen. Sp. Orchid. Pl. (1840) 487. --Type:

Zeuxine zamboangensis (Ames) Ames, Schedul. Orchid., Corrig. (1938) xxxvii; --*Adenostylis zamboangensis* Ames, Schedul. Orchid. 6 (1923) 10. --Type:

Himalayas, Peninsular Malaysia(?), Philippines, New Guinea, New Britain.

***Zeuxine parvifolia* (Ridl.) Ridl. ex K Schum. & Fedde**, Just's Bot. Jahresber. 31 (1904) 786; --Seidenf., Dansk. Bot. Ark. 32 (1978) 82; --*Hetaeria parvifolia* Ridl., J. Straits Branch Roy. Asiat. Soc. 39 (1870) 87. --Type:

Zeuxine benguetensis (Ames) Ames, Bot. Mus. Leaflet. 5 (1938) 100; --*Adenostylis benguetensis* Ames in Elmer, LPB 5 (1912) 1551; --Ames in Merr., EPFP 1 (1924) 275.

Zeuxine leucochila Schltr., Fedde Repert. 3 (1906) 46.

Thailand, Vietnam, Peninsular Malaysia, Philippines, New Guinea. LUZON: Mountain Province, Benguet, Bataan, PALAWAN. Terrestrial, on woody hillocks up to 1300m.

***Zeuxine philippinensis* (Ames) Ames**, Schedul. Orchid., Corrig. (1938) 37; --Ormerod, Taiwania 49(3) (2004) 178; --*Adenostylis philippinensis* Ames, Sched. Orchid. 6 (1923) 9; --Ames in Merr., EPFP 1 (1924) 276. --Type: CA Wenzel 224 (AMES*, holo). Leyte: Leyte prov., Dagami, Puguajaan, altitude 60m, 31 Jul 1913.

Hetaeria leytenensis Ames, Sched. Orchid. 6 (1923) 14; --Ames in Merr., EPFP 1 (1923) 278. --Type: BS 42081-B (PNH,

holo, lost; iso in AMES*). Leyte: Leyte prov., Mt Abucayan, altitude 270m, 20 Jan 1923.

LEYTE. Terrestrial in forest, altitude 60-300m.

***Zeuxine strateumatica* (L.) Schltr.**, Bot. Jahrb. Syst. 45 (1911) 394; --*Adenostylis strateumatica* (L.) Ames, Orchidaceae 2 (1908) 59; --Ames in Merr., EPFP 1 (1924) 276; --*Spiranthes strateumatica* (L.) Lindl., Bot. Reg. 10 (1824) t. 823; --*Neottia strateumatica* (L.) R.Br., Prodr. (1810) 319; --*Orchis strateumatica* L., Sp. Pl. (1753) 943. --Type:

Adenostylis sulcata (Roxb.) Hayata, Icon. Pl. Formos. 6 (Suppl.) (1917) 75; --*Zeuxine sulcata* (Roxb.) Lindl., Gen. Sp. Orchid. Pl. (1840) 485; --*Pterygodium sulcata* Roxb., Fl. Ind. ed. 1832, 3 (1832) 452.

Afghanistan, India (Assam), Sri Lanka, Thailand, Cambodia, Laos, Vietnam, China, Japan, Malesia: Peninsular Malaysia, Sumatra, Borneo, Java, Sulawesi(?), Lesser Sunda Is. (?), Ambon, New Guinea and Philippines:

MINDANAO (Misamis, Agusan). Terrestrial in forest, apparently at low altitude.

***Zeuxine weberi* (Ames) Ames**, Bot. Mus. Leaflet. 5 (1938) 101; --*Rhomboda weberi* (Ames) Ormerod, Orchadian 11 (1995) 332; --*Adenostylis weberi* Ames, Orchidaceae 5 (1915) 40; --Ames in Merr., EPFP 1 (1924) 277. --Type:

MINDANAO: Davao (Mt Binatun). In bamboo forest, altitude 580m.

***Zeuxine wenzelii* (Ames) Ormerod**, Taiwania 49(3) (2004) 180, Fig. 1; --*Hetaeria wenzelii* Ames, Orchidaceae 5 (1915) 46; --Ames in Merr., EPFP 1 (1923) 279. --Type: CA Wenzel 227 (AMES*, holo). Leyte: Leyte prov., Dagami, terrestrial in forest, altitude 60m, 10 Jul 1913.

LEYTE: Dagami. Known only from the type collection.

Not in Cootes' (2006) Checklist:

***Zeuxine affinis* (Lindl.) Benth. ex Hook.f.**,

***Zeuxine flava* (Wall. ex Lindl.) Benth. ex Hook.f.**,

Genera not included in Cootes' 2006 & 2008 orchid checklists:

***Aglossorrhyncha* Schlechter**

Aglossorrhyncha sp., Cootes, Orch. Philip. (2001) 207.

Doritis pulcherrima Lindl.

Doritis Lindley