

NOTES ON THE FLORA OF JAVA VIII *)

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23. MAGNOLIACEAE

Michelia pilifera Bakh. f., *nom. nov.*

Michelia velutina Bl., Fl. Jav. (1829) Magn., p. 17, *non* DC., Prod. 1 (1824) 79.

25. ANNONACEAE

Cyathostemma nitidum Bakh. f., *nom. nov.*

Uvaria argentea (*non* Bl., Fl. Jav., 1830, Anon., p. 24, t. VI & XIII. D) Back., Bekn. Fl. Java (em. ed.) III (1941) Anon. p. 10.

Pseuduvaria latifolia (Bl.) Bakh. f., *comb. nov.*

Bocagea latifolia Bl., Fl. Jav. (1830) Anon., p. 89, t. 44. — *Mitrephora glandulifera* Boerl., Ic. Bog. 1 (1899) t. 60; Cat. Hort. Bog. (1899) 32.

Goniothalamus opacus Bakh. f., *nom. nov.*

Guatteria imbricata Bl., Fl. Jav. (1830) Anon., p. 94, t. 46, 52 C. — *Goniothalamus imbricatus* (Bl.) Koord., Exk. Fl. Java 2 (1912) 252, *non* Scheff., Ann. Jard. Bot. Btzg 2 (1885) 27.

99. MYRTACEAE

Decaspermum fruticosum J. R. & G. Forst. var. *polymorphum* (Bl.) Bakh. f., *comb. nov.*

Nelitris polymorpha Bl., Mus. Bot. Lugd.-Bat. 1 (1849) 75. — *D. paniculatum* (Lindl.) Kurz var. *polymorphum* (Bl.) K. & V., Bijdr. Java 6 (1900) 37. — *D. fruticosum* J. R. & G. Forst. var. *parviflorum* (Lamk) Amsh. in Back., Bekn. Fl. Java (em. ed.) IV B (1944) Myrt. p. 5.

Syzygium confusum (Bl.) Bakh. f., *comb. nov.*

Jambosa confusa Bl., Mus. Bot. Lugd.-Bat. 1 (1849) 101. — *Eugenia dolichophylla* K. & V., Bijdr. 6 (1900) 78, "*doligophylla*", *non* Kiaersk., En. Myrt. Bras. (1893) 157, *nec* *Syzygium dolichophyllum* (Laut. & K. Sch.) Merr. & Perry, J. Arn. Arb. 23 (1942) 249.

101. MELASTOMATACEAE

Backeria viminalis (Bl.) Bakh. f. var. *confinis* (Bl.) Bakh. f., *comb. nov.*

Aplectrum confine Bl., Mus. Bot. Lugd.-Bat. 1 (1849) 38. — *Aplectrum pallens* Bl. var. *confinis* (Bl.) Miq., Fl. Ind. Bar. 1¹ (1855) 554. — *Melastoma rostratum* Bl., Bijdr. (1826) 1074. — *Backeria viminalis* (Bl.) Bakh. f. var. *rostratum* Bakh. f., Rec. Trav. Bot. Néerl. 40 (1943) 133.

* Part VII was published in Reinwardtia 3 (1954) 145—155.

Medinilla rubicunda Jack var. **hasseltii** (Bl.) Bakh. f. *comb. nov.*

Medinilla hasseltii Bl., Flora 14 (1831) 513; Bijdr. Nat. Wet. 6 (1831) 253. — *Medinilla crassifolia* (Reinw. ex Bl.) Bl. var. *hasseltii* (Bl.) Bakh. f., Rec. Trav. Bot. Néerl. 40 (1943) 189.

114. EUPHORBIACEAE

Phyllanthus ceramanthus Bakh. f., *nom. nov.*

P. gracilis (Hassk.) Baill. ex Koord., Exk. Fl. Java 2 (1912) 468, *non* Roxb. (Hort. Beng., 1814, 69 *nom. nud.*), Fl. Ind. ed. Carey, 3 (1832) 655. — *Ceramanthus gracile* Hassk., Cat. Hort. Bog. (1844) 240.

Drypetes rhacodiscus (Hassk.) Bakh. f., *comb. nov.*

D. mucronatus (Bl.) Pax & Hoffm. in Engl. Pfl. Reich IV (1922) 238, *non* Griseb. Nachtr. Gesellsch. Wiss. Göttingen (1865) 165. — *Hemicyclia rhacodiscus* Hassk., Versl. en Meded. Acad. Wetensch. 4 (1855) 140; Bot. Zeit (1856) 802. — *Cyclostemon mucronatus* Bl., Bijdr. (1826) 598.

121. CAESALPINIACEAE

Caesalpinia globulorum Bakh. f. & Van Royen, *nom. nov.*

C. bonduc Auct. *non* (L.) Roxb., Fl. Ind. ed. Carey, 2 (1832) 362. — *C. jayabo* Maza, An. Soc. Esp. Hist. Nat. 19 (1890) 234, *nom. illeg.* — *C. major* (Medic.) Dandy & Exell, J. Bot. 76 (1938) 180, *pro parte, basion. excl.*

Frutex globulorum Rumph. Herb. Amb. 5 (1747) 89, t. 48. — *Bonduc majus* Medic., Theod. Specios. (1786) 43, *quoad descr., excl. syn.*

169. SAPOTACEAE

Planchonella duclitan (Blanco) Bakh. f., *comb. nov.*

Sideroxylon duclitan Blanco, Fl. Filip. ed. 1 (1837) 129. — *Sideroxylon nitidum* Bl., Bijdr. (1826) 675, *non* Lamk, Tabl. Enc. Meth. 2 (1794) 42. — *Planchonella nitida* (Bl.) Dubard, Ann. Mus. Colon. Marseille 20 (1912) 62; Van Royen, Blumea 8 (1957) 262. — *Pouteria duclitan* (Blanco) Baehni, Candollea 9 (1942) 283.

177. RUBIACEAE

Coptophyllum Korth., Ned. Kruidk. Arch. 2 (1851) 161, *nom. cons.*

Pomazota Ridl., Trans Linn. Soc. II, Bot. 3 (1893) 308.

Coptophyllum reptans (Back. ex Brem.) Bakh. f., *comb. nov.*

Pomazota reptans Back. ex Brem., J. Arn. Arb. 28 (1947) 196.

Coptophyllum fulvum (Z. & M.) Bakh. f., *comb. nov.*

Argostemma fulvum Z. & M. in Mor., Syst. Verz. (1846) 61. — *Coptophyllum pilosum* Miq., Ann. Mus. Bot. Lugd.-Bat. 4 (1869) 230. — *Pomazota pilosa* (Miq.) Brem., J. Arn. Arb. 28 (1947) 200.

Hedyotis pseudocorymbosa Bakh. f., *nom. nov.*

Oldenlandia burmanniana (Wall.) G. Don, Gen. Syst. 3 (1834) 529. — *Hedyotis burmanniana* R. Br. ex Wall., Cat. (1829) nr. 868, *nom. valid., non* Schult., Mant. 3 (1827) 133.

Hedyotis reinwardtii Bakh. *f.*, *nom. nov.*

Metabolos latifolia Bl., Bijdr. (1826) 991. — *Hedyotis latifolia* (Bl.) Reinw. *ex* Miq., Fl. Ind. Bat. 2 (1857) 178; Reinw. *ex* De Vriese, Pl. Ind. Bat. Or. (1857) 159; *non* (Mart. & Galeotti) Walp., Repert. 6 (1846) 55.

Wendlandia densiflora (Bl.) DC. forma **rufescens** (Miq.) Bakh. *f.*, *stat. nov.*

Wendlandia rufescens Miq., Fl. Ind. Bat. 2 (1856) 160. — *W. dasythyrsa* Miq., Fl. Ind. Bat. 2 (1856) 159. — *W. trichantha* Miq., Fl. Ind. Bat. 2 (1857) 347.

Wendlandia glabrata DC. forma **junghuhniana** (Miq.) Bakh. *f.*, *stat. nov.*

Wendlandia junghuhniana Miq., Fl. Ind. Bat. 2 (1856) 159.

Adina trichotoma (Z. & M.) B. & H. *ex* Hook. & Jacks. var. **aralioides** (Z. & M.) Bakh. *f.*, *comb. nov.*

Cephalanthus aralioides Z. & M. in Mor. Syst. Verz. (1846) 61.

Neonauclea pallida (Reinw. *ex* Havil.) Bakh. *f.*, *comb. nov.*

Neonauclea pallida (Reinw. *ex* Bl.) Merr., J. Wash. Ac. Sc. 5 (1915) 538, *nom. inval.* — *Nauclea pallida* Reinw. *ex* Bl., Cat. (1823) 52, *nom. nud.*; Havil., J. Linn. Soc. Bot. 33 (1897) 58, *descr.*

As to my knowledge the combination *Neonauclea pallida* has never been validated before. Haviland apparently was the first author who provided *Nauclea pallida* with a description.

Mussaenda flava (Verdcourt) Bakh. *f.*, *comb. nov.*

Pseudomussaenda flava Verdcourt, Kew Bull. 1951 (1952) 378. — *Mussaenda luteoia* Delile, Cent. Pl. Afric. (1826) 65, t., f. 1, *pro parte, nom. illeg.*

Randia dasycarpa (Kurz) Bakh. *f.*, *comb. nov.*

Gardenia dasycarpa Kurz, J. R. As. Soc. Beng. Sc. 41 (1872) II 312. — *Randia tomentosa* (Bl. *ex* DC.) Hook. *f.*, Fl. Br. Ind. 3 (1880) 110, *non* W. & A., Prodr. (1834) 398.

Randia schoemannii (T. & B.) Bakh. *f.*, *comb. nov.*

Gardenia schömannii T. & B., Nat. Tijd. N.I. 3 (1852) 327; Ned. Kruidk. Arch. 3 (1855) 403, (*G. schoemannii*). — *Randia exaltata* Griff., Not. Syst. 4 (1854) 262.

Randia junghuhniana (Miq.) Bakh. *f.*, *comb. nov.*

Stylocoryne junghuhniana Miq., Ann. Mus. Lugd.-Bat. 4 (1869) 237. — *Randia uncaria* Elmer, Leaf. Philip. Bot. 1 (1906) 30; Merr., Philip. J. Sc. 1 (1906) Suppl. 130.

Lasianthus neglectus Valetton *ex* Bakh. *f. sp. nov.* — *L. neglectus* Val. *ex* Bakh. *f.* in Back., Beckn. Fl. Java (em. ed.) XV (1956) Rubiac., p. 167, *neerlandice*.

Frutex, ad 3 m altus. Ramuli vulgo dense adpresse fuscopiloselli interdum subglabrescentes, ad apices compressi. *Folia* plerumque oblongo-lanceolata, non raro etiam (anguste) obovata, 5–12 cm longa, 1½–3½ cm lata, basi acuta, apice subgradatim acuminata, acumine obtusiusculo a costa distincte producta mucronato, supra glaberrima, subtus in nervis majoribus et in venis dense vel sparse adpresse pilosella, pinnatinervia, nervis lateralibus primariis 5–7 conspicuis ascendentibus, nervis secundariis multo tenuibus numerosis, irregulariter obscure venosa petiolus gracilis, dense vel sparse

adpresse pilosellus, ca 3—10 mm longus. Flores 5-meri sessiles fasciculati, fasciculis sessilibus minutis maxime 10-floris, floribus paucis simul bene evolutis. Hypanthium ca 1½ mm longum sparsissime puberulum, lobis triangularibus acuminatis intus glabris ca 1 mm longis. Corolla ca 6 mm longa; corollae tubus latiusculus, 4 mm longus, extus sparsissime adpresse pilosellus, intus densiuscule pilosus in parte superiore solum; lobi acuti, 2 mm longi, extus apice pilosello excluso glabri vel subglabri, intus pilosi. Stamina in corollae tubi parte quarta superiore posita, inclusa vel paullum exserta; antherae ca 1 mm longae. Stylus faucem fere attingens, 3—3½ mm longus. Drupa globosa, hypanthii limbo persistente coronata, glabra, 2—3 mm diametens; pyrenae 5, obovoideae ad triangulares, basi integrae.

JAVA. West Java: Mt. Tjerimai, above Linggar djati, alt. 1500 m, 22-10-1912, C. A. Backer 4915 (L, holotype; dupl. in BO); Mt Tjerimai, leg. ? Van Hasselt (L, paratype); Mt Mandalagiri (Priangan), alt. 1700 m, 2-4-1920, H. J. Lam 309 (L, BO); Mt Windu, 24-4-1909, Soegandiredja 83 (L, BO). — East Java: Mt Hjang, between Bermi and Taman hidup, 7-10-1928, Mrs Geerts-Ronner s.n. (L).

Lasianthus pseudo-stipularis Amshoff ex Bakh. f., sp. nov. — *L. pseudo-stipularis* Amsh. ex Bakh. f. in Back., Bekn. Fl. Java (em. ed.) XV (1956) Rubiac., p. 159, neerlandice.

An ? frutex. Ramuli glabri, in sicco nigrescentes ut folia et petioli. Folia oblongo-lanceolata, 10—15 cm longa, 3½—5 cm lata, basi acuta vel obtusiuscula, apice acute acuminata, mucrone sparse pilosella excepta utrinque glaberrima, pinnatinervis, nervis lateralibus primariis 7—8 ascendentibus, nervis secundariis transversis numerosis, intervenio obscuro; petiolus glaber, 5—8 mm longus; stipulae conspicuae, ovato-triangulares, apice obtusiusculae, glabrae, herbaceae, 5—7 mm longae, basi ca 5 mm latae. Flores 5-meri, sessiles, fasciculati, fasciculis sessilibus sat multifloris; bractae minutae glabrae. Hypanthium glabrum 2 mm longum, limbo campanulato minutissime dentato. Corolla extus glabra, ca 1 cm longa; corollae tubus ca 6 mm longus, intus in parte superiore solum pilosus; lobi extus glabri intus pilosi, 4 mm longi. Stamina 5, in fauce posita, exserta, filamentis glabris 2 mm longis, antheris 1½ mm longis. Stylus glaber, 6 mm longus; discus glaber. Drupae turbinatae glabrae, in sicco late 4-sulcatae, 5 mm longae; pyrenae 4, dorso costulatae, 2-loculares, loculo interiore parvo, lumine angusto.

WEST JAVA. Tjadasmalang, near Tjidadap (S. W. of Tjibeber, Priangan), alt. 1000 m, 10-11-1923, Winckel 1916 β (L, holotype).

Cephaelis nanno-chlamys Bakh. f., sp. nov. — *C. nanno-chlamys* Bakh. f. in Back., Bekn. Fl. Java (em. ed.) XV (1956) Rubiac., p. 147, neerlandice.

Cephaelis habitu *C. stipulacea* Bl. similis, attamen ab ea specie aliquot characteribus hoc loco notatis differt. Capitula florum involucellos in axillis pilos fasciculatos gerentes munita. Involucrum parvum. Stipularum et petiolorum axillae dense barbatae. Ceterum *C. stipulaceam* Bl. sat accedit.

WEST JAVA. Pasir Kempuk, near Nirmala (N.W. of Bogor), alt. 1100 m, C. A. Backer 11049 (BO, holotype; dupl. in L).

Hypobathrum microcarpum (Bl.) Bakh. f., comb. nov.

Higginsia microcarpa Bl., Bijdr. (1826) 989. — *Petunga microcarpa* (Bl.) DC., Prodr. 4 (1830) 399.

Nostolachma densiflora (Bl.) Bakh. f., comb. nov.

Coffea densiflora Bl., Bijdr. (1826) 965. — *Lachnastoma densiflora* (Bl.) Valet., Bull. Inst. Bot. Btzg 7 (1904) 27.

178. COMPOSITAE (Auctore J. Th. Koster)

Chrysanthellum leschenaultii (Cassini) Back. ex Koster, *comb. nov.*

Neuractis leschenaultii Cassini, Dict. Sc. Nat. 34 (1825) 497. — *C. leschenaultii* (Cassini) Back. ex Koster in Back. Bekn. Fl. Java (em. ed.) XIII (1953) Compos., p. 93.

194. SOLANACEAE

Cestrum adelberti Bakh. *f., spec. nov.*

Cestrum sp.; Adelbert in Back., Bekn. Fl. Java (em. ed.) VIII B (1949) Solan. p. 30.

Frutex. Ramuli glabri. *Folia* oblongo-lanceolata, basi acuta, in petiolum obscurum decurrentia, apice sensim attenuata acuta, integra, utrinque glabra, in sicco obscure ca 6—7-nervia, 5—8 cm longa, 1.5—1.75 cm lata. *Flores* subracemosi, racemis axillaribus, superioribus in inflorescentiam terminalem racemiformem nudam ca 4 cm longam collectis. Rachis glaber ad sparse pilosellus. Racemī ad 3 cm longi. Pedicelli brevissimi. *Calyx* campanulatus, basi acutus, praecipue apicem versus minutissime pilosellus, sepalis ca 1 mm longis, anguste triangularibus pilosellis. *Corolla* infundibuliformis, colore ignoto, extus glabra ca 1.5—1.75 cm longa, lobis ca 2 mm longis, ovato-triangularibus, obtusis rotundatis vel emarginatis, extus in margine dense pilosellis, intus glabris. *Filamenta* corollae tubo medio affixa, basi non-elata ubi dense pilosella, 5—6 mm. Stylus glaber, corollae subaequilongus, stigmatē capitato. Fructus desunt.

EAST JAVA. Mt Ardjuno, Pasuruan, probably cultivated, May 1927, Dr A. Radermacher *s.n.* (L, holotype).

Named in honour of my former colleague Mr A. G. L. Adelbert (The Hague, Netherlands) who from 1-1-1943 to 16-8-1948 had been appointed assistant at the Rijks-herbarium, Leyden, with the special charge of elaborating families for Backer's Beknopte Flora van Java (em. ed.). Several families were successfully revised (*e.g.* Solanaceae), some in collaboration with Dr A. D. J. Meeuse (Amsterdam).

211. COMMELINACEAE

Rhoeo spathacea (Swartz) Stearn forma *vittata* (Back.) Bakh. *f., comb. nov.*

Rhoeo discolor (L'Hérit.) Hance var. *vittata* Miq. ex Back., Handb. Fl. Java 3 (1924) 38. — *Tradescantia discolor* L'Hérit. var. Miq., Fl. Ind. Bat. 3 (1859) 544.

222. ZINGIBERACEAE

Amomum heynianum (Valet.) Bakh. *f., comb. nov.*

Nicolaia heyniana Valet., Bull. Jard. Bot. Btzg III, 3 (1921) 132, t. 3.

Hornstedtia tomentosa (Bl.) Bakh. *f., comb. nov.*

Donacodes tomentosa Bl., En. Pl. Jav. I (1827) 55. — *Donacodes villosa* T. & B., Ned. Kruidk. Arch. 3 (1855) 392. — *Hornstedtia villosa* (T. & B.) Valet., Bull. Inst. Bot. Btzg 20 (1904) 58; Ic. Bog. 2 (24-12-1904) t. 170.

Hedychium roxburghii Bl. var. *oblongum* (K. Schum.) Bakh. *f., stat. nov.*

Hedychium oblongum K. Schum., Engl. Pfl. Reich 4 (1904) Zingib., p. 48.

Nicolaia hemisphaerica (Bl.) Horan. var. *rostrata* Bakh. *f., var. nov.*

N. hemisphaerica (Bl.) Horan. var. *rostrata* Bakh. *f.* in Back., Bekn. Fl. Java (em. ed.) XVIII (1958) Zingib., p. 46, *neerlandice*.

Differt a var. *hemisphaerica* fructibus late quadrangulari-fusifformibus, longe rostratis, petiolulis robustis ca 3.5—4 cm longis.

WEST JAVA. Mt Ratnararang near Djasinga (N.W. of Bogor), in forest, alt. 600 m, 22-11-1913, C. A. Backer 10152 (BO, holotype; dupl. L).

225. ARACEAE

Caladium Vent., Descr. Pl. Nouv. (1801) t. 30, ("Jard. Cels."); id. in Roem. Arch. Bot. 2 (3) (1801) 347.

Caladium bicolor (W. Ait.) Vent., Descr. Pl. Nouv. (1801) t. 30; id. in Roem. Arch. Bot. 2 (3) (1801) 348; id. Mag. Enc. 6 (1801) 464 (*non vidi*). — *Arum bicolor* W. Ait., Hort. Kew. ed. 1, 3 (1789) 316.

Anadendrum Schott, Bonplandia 5 (15-2-1857) 45, *pro parte*; Oest. Bot. Wochenbl. 7 (9-4-1857) 116; Gen. Aroid. (1858) t. 78.

Lectotype: *A. montanum* Schott (*Scindapsus microstachyus* Miq.).

Anadendrum microstachyum (Miq.) Back. & v. A. v. R., Bull. Jard. Bot. Btzg III, 1 (1920) 372. — *Scindapsus microstachyus* Miq., Fl. Ind. Bat. 3 (1856) 188, t. 31. — *Anadendrum montanum* Schott, Bonplandia 5 (15-2-1857) 45, *excl. syn. dub.* Kunth; Oest. Bot. Wochenbl. 7 (9-4-1857) 118. — *A. cordatum* Schott, Miq. Ann. Mus. Lugd.-Bat. 1 (1864) 283.

Cyrtosperma Griff., Not. 3 (1851) 149; Ic. Pl. As. (1851) t. 169.

Cyrtosperma merkusii (Hassk.) Schott, Oest. Bot. Wochenbl. 7 (19-2-1857) 61; Bonplandia 5 (1-5-1857) 126; Koord., Bull. Jard. Bot. Btzg III, 1 (1919) 159—167, *c. icon.*; v. A. v. R., Bull. Jard. Bot. Btzg III, 4 (1922) 329. — *Lasia merkusii* Hassk., Cat. Hort. Bog. (1844) 59; Pl. Jav. Rar. (1848) 161. — *Cyrtosperma bantamense* Koord., Bull. Jard. Bot. Btzg III, 1 (1919) 159—160, *nom. nud.*

Cryptocoryne Fisch. (*ex* Reichb., Consp., 1828, 44, *nom. nud.*; *ex* Bartl., Ordin. Pl., 1830, 67, *nom. nud.*) *ex* Wydler, Linnæa 5 (1830) 428.

Cryptocoryne cordata Griff., Not. 3 (1851) 138; Ic. Pl. As. 3 (1851) t. 172; Engler in DC., Mon. Phan. 2 (1879) 626.

Engler erroneously recorded the species for Java!

Colocasia Clus. *ex* Fabric., Enum. Meth. Pl. ed. 1 (1759) 22; Schott in Schott & Endl., Meletem. 1 (1832) 18; Willimott, Cyprus Agr. J. 31 (1936) 91—108; Hill, Bot. Mus. Leaf. Harvard Univ. 7 (1939) 113—118; S. H. Harrison, Kew Bull. (1954) 277—278.

Colocasia gigantea (Bl.) Hook. *f.*, Fl. Br. Ind. 6 (1894) 524. — *Caladium giganteum* Bl., Cat. (1823) 103, descr. — *Colocasia indica* Hassk., Flora 25 (1842) II, Beibl. I, p. 8; Tijd. Nat. Gesch. Phys. 9 (1842) 160, *non* Kunth, Enum. 3 (1841) 39, which is *Alocasia indica* (Lour.) Koch, Index Sem. Hort. Berol. (1854) App. 4.

Homalomena Schott in Schott & Endl., Meletem. 1 (1832) 20; Furtado, Gard. Bull. S. S. 9 (3) (1937) 285—309; *ibid.*, 10 (2) (1939) 183—238.

Homalomena humilis (Jack) Hook. f., Fl. Br. Ind. 6 (1894) 533. — *Aglaonema? pygmaea* Hassk., Flora 25 (1842) II, Beibl. no. 1, p. 10; Tijds. Nat. Gesch. Phys. 9 (1842) 161.

Homalomena sagittifolia Jungh. ex Schott (Syn. Aroid. 1, 1856, 119, *nom. nud.*; Miq., Fl. Ind. Bat. 3, 1856, 212, *nom. nud.*), Prodr. (1860) 311, descr.; Furtado l.c. (1939) 226.

Homalomena pendula (Bl.) Bakh. f., *comb. nov.*

Caladium pendulum Bl., Cat. (1823) 103, descr., — *Arum purpureum* Thunb., Fl. Jav. (1825) 20. — *H. rubra* Hassk., Flora 25 (1842) II, Beibl. 1, p. 11; v. A. v. R., Bull. Jard. Bot. Btzg III, 4 (1922) 187; Furtado, Gard. Bull. S. S. 10 (1939) 217. — *H. purpurea* (Thunb.) Back., Bakh. f. & Steen., Blumea 6 (1950) 359.

Homalomena cordata Schott in Schott & Endl., Melet. 1 (1832) 20; Furtado l.c. (1939) 213. — *H. discolor* v. A. v. R., Bull. Jard. Bot. Btzg III, 4 (1922) 185; Furtado l.c. (1939) 214. — *H. javanica* v. A. v. R. l.c. (1922) 183; Furtado l.c. (1939) 214. — *H. palliformis* v. A. v. R. l.c. (1922) 182; Furtado l.c. (1939) 214, ("*palliformis*"). — *H. zollingeri* Schott, Bonpl. 7 (1859) 30. — *H. alba* Hassk., Flora 25 (1842) II, Beibl. no. 1, p. 10; Tijds. Nat. Gesch. Phys. 9 (1842) 161; v. A. v. R. l.c. (1922) 187; Furtado l.c. (1939) 213. — *H. coeruleascens* Jungh. ex Schott, Syn. Aroid. (1856) 119, descr.; Miq., Fl. Ind. Bat. 3 (1856) 212.

Schismatoglottis calyptрата (Roxb.) Z. & M. in Mor. Syst. Verz. (1846) 83; v. A. v. R., Bull. Jard. Bot. Btzg III, 4 (1922) 212, 343; Ochse & Bakh., Ind. Groent. (1931) 60. — *Calla calyptрата* Roxb., (Hort. Beng., 1814, 65, *nom. nud.*) Fl. Ind. ed. Carey, 3 (1832) 514; De Vriese, Miq. Pl. Jungh. (1851) 102. — *Schismatoglottis javanica* Engl., Pfl. Reich (1915) Arac.-Philod., 108; v. A. v. R., Bull. Jard. Bot. Btzg III, 4 (1922) 208. — *S. picta* Schott, Oest. Bot. Z. 8 (1858) 317; Prodr. Syn. Aroid. (1858) 320. — *S. riparia* Schott, Miq. Ann. Mus. Lugd.-Bat. 1 (1864) 281. — *S. longipes* Miq., Fl. Ind. Bat. 3 (1856) 214; Bot. Zeit. (1856) 565.

Schismatoglottis rupestris Zoll., Syst. Verz. (1854) 77, descr.; Schott, Syn. Aroid. (1856) 126, descr.; Miq., Fl. Ind. Bat. 3 (1856) 215. — *S. latifolia* Miq., Fl. Ind. Bat. 3 (1856) 214.

Scindapsus hederaceus (Z. & M.) Miq., Fl. Ind. Bat. 3 (1856) 185. — *Pothos? (Scindapsus?) hederacea* Z. & M. in Mor. Syst. Verz. (1846) 83. — *S. pothoideus* Miq., Fl. Ind. Bat. 3 (1856) 184.

Scindapsus cuscuaria (Aubl.) Presl, Epimelet. (1849) 242; v. A. v. R., Bull. Gard. Bot. Btzg III, 1 (1920) 388; *ibid.* 4 (1922) 227. — *Pothos cuscuaria* Aubl., Pl. Guyan. 2 (1775) 840. — *Scindapsus javanicus* v. A. v. R., Bull. Jard. Bot. Btzg III, 1 (1920) 389; *ibid.* 4 (1922) 228. — *S. marantaeifolius* Miq., Fl. Ind. Bat. 3 (1856) 187; v. A. v. R., Bull. Jard. Bot. Btzg III, 1 (1920) 388; *ibid.* 4 (1922) 228.

Scindapsus pictus Hassk., Flora 25 (1842) II, Beibl. no. 1, p. 11 (27/7 or later); Tijds. Nat. Gesch. Phys. 9 (1842) 164.

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Malaxis tenggerensis (J.J.S.) Bakh. f., *comb. nov.*

Microstylis tenggerensis J.J.S., Bull. Dép. Agric. Ind. Néerl. 43 (1910) 28.

- Malaxis soleiformis** (J.J.S.) Bakh. f., *comb. nov.*
Microstylis soleiformis J.J.S., Bull. Dép. Agric. Ind. Néerl. 13 (1907) 24.
- Malaxis purpureonervosa** (J.J.S.) Bakh. f., *comb. nov.*
Microstylis purpureonervosa J.J.S., Bull. Jard. Bot. Btzig II, 26 (1918) 21.
- Malaxis tjiwideiensis** (J.J.S.) Bakh. f., *comb. nov.*
Microstylis tjiwideiensis J.J.S., Bull. Jard. Bot. Btzig II, 9 (1913) 38.
- Malaxis koordersii** (J.J.S.) Bakh. f., *comb. nov.*
Microstylis koordersii J.J.S., Die Orch. von Java (1905) 252. — *Microstylis flavescens* Auct. non Lindl.
- Malaxis humerata** (J.J.S.) Bakh. f., *comb. nov.*
Microstylis humerata J.J.S., Bull. Jard. Bot. Btzig III, 3 (1912) 269.
- Malaxis lobatocallosa** (J.J.S.) Bakh. f., *comb. nov.*
Microstylis lobatocallosa J.J.S., Bull. Jard. Bot. Btzig II, 26 (1918) 19.
- Malaxis crepidium** Bakh. f., *nom. nov.*
Microstylis flavescens (Bl.) Lindl., Gen. Spec. Orchid. (1830) 20, non *Malaxis flavescens* Thou., Hist. Pl. Orch. Iles Afr. (1822) t. 25.
- Malaxis pierrii** (Finet) Bakh. f., *comb. nov.*
Microstylis pierrii Finet, Bull. Soc. Bot. Fr. 54 (1907) 534. — *Microstylis wallichii* Auct. non Lindl.
- Malaxis slamatensis** (J.J.S.) Bakh. f., *comb. nov.*
Microstylis slamatensis J.J.S., Bull. Jard. Bot. Btzig II, 9 (1913) 40.
- Malaxis blumei** (Boerl. & J.J.S.) Bakh. f., *comb. nov.*
Microstylis blumei Boerl. & J.J.S., Ic. Bog. (1903) t. 108 B.
- Malaxis ridleyi** (J.J.S.) Bakh. f., *comb. nov.*
Microstylis ridleyi J.J.S., Bull. Dép. Agr. Ind. Néerl. 13 (1907) 26. — *Microstylis perakensis* Auct. non Ridl.
- Malaxis cuprea** (J.J.S.) Bakh. f., *comb. nov.*
Microstylis cuprea J.J.S., Bull. Jard. Bot. Btzig II, 26 (1918) 23.
- Dendrobium undulans** Bakh. f., *nom. nov.*
Dendrobium undulatum R. Br., Prodr. (1810) 332, non Pers. Syn. 2 (1807) 524.
- Dendrobium veratroides** Bakh. f., *nom. nov.*
D. veratrifolium Lindl., Hook. Lond. J. Bot. 2 (1943) 236, non Roxb., (Hort. Beng., 1814, 63, *nom. nud.*) Fl. Ind. ed. Carey, 3 (1832) 482.
- Dendrobium ciliferum** Bakh. f., *nom. nov.*
D. ciliatum Parish, Bot. Mag. (1864) t. 5430, non Pers., Syn. 2 (1807) 523.

Dendrobium conspicuum Bakh. f., *nom. nov.*

D. grandiflorum Lindl., Gen. Spec. Orchid. (1830) 77, *non* H.B.K., Nov. Gen. Spec. 1 (1816) 359, t. 88.

Dendrobium pachyphyllum (O.K.) Bakh. f., *comb. nov.*

Callista pachyphylla O.K., Rev. Gen. Pl. (1891) 655. — *Dendrobium carnosum* T. & B., Nat. Tijd. N.I. 5 (1853) 489, *non* Presl, Reliq. Haenk. 1 (1825) 102.

For the full synonymy of the species see Hunt & Summerhayes, Taxon 10 (1961) 107.

Pteroceras javanicum (J.J.S.) Bakh. f., *comb. nov.*

Sarcochilus phyllorhizus F. v. M. f. *javanicus* J.J.S., Bull. Jard. Bot. Btzg III, 16² (1939) 133.

Pteroceras fraternum (J.J.S.) Bakh. f., *comb. nov.*

Sarcochilus fraternus J.J.S., Bull. Jard. Bot. Btzg II, 26 (1918) 85.

Pteroceras teres (Bl.) Bakh. f., *comb. nov.*

Dendrocolla teres Bl., Bijdr. (1825) 289. — *Sarcochilus teres* (Bl.) Rchb. f., Walp. Ann. 6 (1861) 500.

Pteroceras moorei (Rchb. f.) Bakh. f., *comb. nov.*

Thrixpermum moorei Rchb. f., Gard. Chron. (1880) 104. — *Sarcochilus moorei* (Rchb. f.) Schltr., Fedde's, Rep. Beih. 1 (1913) 967.

Pteroceras decipiens (J.J.S.) Bakh. f., *comb. nov.*

Sarcochilus decipiens J.J.S., Bull. Jard. Bot. Btzg III, 2 (1920) 106.

Pteroceras mentakabensis (Carr) Bakh. f., *comb. nov.*

Sarcochilus mentakabensis Carr, Gard. Bull. S.S. 5 (1929) 29, t. XII, f. B.

Pteroceras incurvicalcar (J.J.S.) Bakh. f., *comb. nov.*

Sarcochilus incurvicalcar J.J.S., Bull. Jard. Bot. Btzg II, 13 (1914) 39.