

CHECKLIST OF THE PLANTS OF THE GUIANA SHIELD

I. AN UPDATE TO THE ANGIOSPERMS

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ABSTRACT

An update to the *Checklist of the Plants of the Guiana Shield* is proposed. It comprises more than 700 additions, corrections, and synonymies for the Angiosperms. Two new combinations are made in the Rubiaceae: ***Appunia longipedunculata*** and ***Appunia peduncularis***.

RÉSUMÉ

Une mise à jour de la *Checklist of the Plants of the Guiana Shield* est offerte. Elle comprend plus de 700 additions, corrections et synonymies pour les Angiospermes. Deux combinaisons nouvelles sont faites dans les Rubiaceae: ***Appunia longipedunculata*** et ***Appunia peduncularis***.

The flora of the Guiana Shield is the object of strong interest that fostered various international programs as evidenced and enhanced by the publication of the *Flora of the Guianas* (Görts-van Rijn & Janssen-Jacobs 1985–present; in progress), the *Flora of the Venezuelan Guayana* (Berry et al. 1995–2005), and the *Guide to the vascular plants of central French Guiana* (Mori et al. 1997 and 2002), as well as by the large specimen-based database at the Department of Botany of the Smithsonian Institution. There was a need to compare results and therefore for conformity of the taxonomy. The *Checklist of the Plants of the Guiana Shield* (Funk et al. 2007) was the tool to fill that need. The phase of data gathering for the *Checklist* was completed in 2005. Since then, many papers have been published on the flora of the region adding several species, changing their generic placement, or refuting their presence in the Guiana Shield. Furthermore, due to the widely scattered literature, some taxa were overlooked. Hence many additions, deletions, and corrections must be made before an updated version of the *Checklist* can be offered for consultation on-line. This paper presents 719 modifications needed for the Angiosperms and gathers in one place the references for the new species. The results are presented in the Appendix. For the Angiosperms, 211 names are added to the checklist and 159 are placed in synonymy or rejected. Therefore, there is a gain of 52 and the total number of accepted subgeneric names is now 14,784.

A later paper will update the ferns and allied groups. The Checklist (Funk et al. 2007) can be downloaded from <http://botany.si.edu/bdg/plants.html> along with this update and relevant pdf files.

If you know of taxa that should have been added, edited, or deleted, please let me know.

APPENDIX: MODIFICATIONS

The families are presented in alphabetical order under the family name used in the *Checklist* (Funk et al. 2007). The names of the families are followed by the pages where they can be found in the *Checklist*. Names of species and infraspecific taxa to be added are in **bold**, followed by the symbols of the regions (**AM** = Amazonas; **BO** = Bolivar; **DA** = Delta Amacuro; **FG** = French Guiana; **GU** = Guyana; **SU** = Surinam). Names of species in *italics* are to be edited or deleted. As in the checklist, the family chapters are followed when needed by two paragraphs: "Synonyms and misidentifications" and "References." Occasionally a note clarifies a problem.

Reference (p. 15–16)

Add: CLARK, H., R. LIESNER, P.E. BERRY, A. FERNÁNDEZ, G. AYMARD, AND P. MAQUIRINO. 2000. Catálogo anotado de la flora del área de San Carlos de Río Negro, Venezuela. *Sci. Guianae* 11:101–333 + 21 color photos.

ANTHOPHYTA: MONOCOTYLEDONAE

ARACEAE (p. 59–67)

Monstera barrieri Croat, Moonen & Poncy—FG**Philodendron scottmorianum** Croat & Moonen—FG

References

- CROAT, T.B. AND J. MOONEN. 2007. *Philodendron scottmorianum*, a new species of *P.* sect. *Philodendron* (Araceae) from the Guianas. *Willdenowia* 37:535–539.
- CROAT, T.B., J. MOONEN, AND O. PONCY. 2005. New species of *Monstera* (Araceae) from French Guiana. *Rodriguésia* 56(88):61–64.

ARECACEAE (p. 67–73)

Bactris nancibaensis J.J. de Granville—FG

Reference

- GRANVILLE, J.-J. DE. 2007. A new species of *Bactris* (Palmae) from French Guiana. *Brittonia* 59:354–356.

BROMELIACEAE (p. 73–83)

Pitcairnia cremersii Gouda—SU, FG*Pitcairnia incarnata* Baker—should be deleted*Pitcairnia leprieurii* Baker—should be deleted*Pitcairnia rubiginosa* Baker—correct author—add GU*Pitcairnia rubiginosa* var. *amazonica* (Baker) L.B. Sm.—correct spelling of species epithet*Pitcairnia rubiginosa* (Baker) Mez—should be deleted**Pitcairnia saxosa** Gouda—FG**Pitcairnia semijuncta** Baker—GU, SU, FG

Synonyms and misidentifications

Hepetis amazonica (Baker) Mez—should read “=*Pitcairnia rubiginosa* var. *amazonica* (Baker) L.B. Sm.”*Pepinia incarnata* (Baker) G.S. Varad. & Gilmartin = *Pitcairnia caricifolia* Mart. ex Schult. f.*Pitcairnia amazonica* Baker—should read “=*Pitcairnia rubiginosa* var. *amazonica* (Baker) L.B. Sm.”*Pitcairnia incarnata* Baker = *Pitcairnia caricifolia* Mart. ex Schult. f.*Pitcairnia leprieurii* Baker = *Pitcairnia rubiginosa* Baker

Reference

- GOUDA, E.J. 2009. Studies on the flora of the Guianas: the genus *Pitcairnia* (Bromeliaceae). *Selbyana* 30:80–88.

COSTACEAE (p. 86–87)

Chamaecostus congestiflorus (Rich. ex L.F. Gagnep.) C. Specht & D.W. Stev.—DA, GU, SU, FG**Chamaecostus curcumoides** (Maas) C. Specht & D.W. Stev.—FG**Chamaecostus lanceolatus** (Petersen) C. Specht & D.W. Stev.—SU, FG**Chamaecostus lanceolatus** subsp. *pulchriflorus* (Ducke) C. Specht & D.W. Stev.—SU, FG*Costus congestiflorus* Rich. ex L.F. Gagnep.—should be deleted*Costus curcumoides* Maas—should be deleted*Costus lanceolatus* Petersen—should be deleted*Costus lanceolatus* subsp. *pulchriflorus* (Ducke) Maas—should be deleted

Synonyms and misidentifications

Costus congestiflorus Rich. ex L.F. Gagnep. = *Chamaecostus congestiflorus* (Rich. ex L.F. Gagnep.) C. Specht & D.W. Stev.*Costus curcumoides* Maas = *Chamaecostus curcumoides* (Maas) C. Specht & D.W. Stev.*Costus lanceolatus* Petersen = *Chamaecostus lanceolatus* (Petersen) C. Specht & D.W. Stev.*Costus lanceolatus* subsp. *pulchriflorus* (Ducke) Maas = *Chamaecostus lanceolatus* subsp. *pulchriflorus* (Ducke) C. Specht & D.W. Stev.

Reference

- SPECHT, C. AND D.W. STEVENSON. 2006. A new phylogeny-based generic classification of Costaceae (Zingiberales). *Taxon* 55:153–163.

CYPERACEAE (p. 88–103)

Bulbostylis medusae Prata, Reynders & Goetgh.—edit author and delete “sp. nov. ined.”

Reference

- PRATA, A.P., K. CAMELBEKE, M. REYNDERS, I.C. FEDÓN, P. GOETGHEBEUR, AND O. HUBER. 2007. *Bulbostylis medusae* (Cyperaceae), a new species from Venezuela. *Novon* 17:67–71.

ORCHIDACEAE (p. 118–149)

Habenaria armata Rchb. f.—add SU*Habenaria ayangannensis* Renz—delete comment in the square brackets—add BO**Habenaria hamata** Barb. Rodr.—FG**Note:** The only collection of *H. seticauda* Lindl. ex Benth. in CAY, *Cremers & Hoff 10717*, has been identified as *H. hamata* by Batista et al. 2008.**Habenaria longipedicellata** Hoehne—FG*Habenaria platydactyla* Kraenzl.—should be deleted*Habenaria pratensis* (Salzm. ex Lindl.) Rchb. f.—should be deleted*Habenaria pratensis* var. *parviflora* Cogn.—should be deleted**Habenaria schomburgkii** Lindl.—BO, GU, SU**Habenaria schwackei** Barb. Rodr.—GU, SU, FG**Habenaria secundiflora** Barb. Rodr.—BO, GU, FG*Habenaria seticauda* Lindl. ex Benth.—delete FG; it should read:—BO, GU**Habenaria spathulifera** Cogn.—BO, GU?, SU, FG**Habenaria subfiliformis** Cogn.—BO, SU*Heterotaxis proboscidea* (Rchb. f.) F. Barros—should be deleted**Ligeophila clavigera** var. *rhodostachys* Ormerod—GU**Ligeophila unicornis** Ormerod—AM*Maxillaria nasuta* Rchb. f.—should be deleted

Microchilus campanulatus Ormerod—AM, BO, GU

Microchilus guianensis Ormerod—GU

Nitidobulbon nasutum (Rchb. f.) Ojeda & Carnevali—AM, BO, GU

Nitidobulbon proboscidea (Rchb. f.) Ojeda & Carnevali—AM

Ornithidium elianae Carnevali & M.A. Blanco—AM, GU, SU, FG

Specklinia feuilletii Luer—FG

Note: In the Checklist, the species of *Specklinia* Lindl. were placed in the synonymy of *Pleurothallis* R. Br. and one in *Trichosalpinx* Luer. *Pleurothallis feuilletii* Luer 2004 (p. 237) as well as *Specklinia feuilletii* (Luer) Luer 2004 (p. 260) are invalid because they were both published in the same volume as two names for the same taxon. The only name available is *Specklinia feuilletii* Luer validated in 2005.

Synonyms and misidentifications

Habenaria platyductyla Kraenzl. = *Habenaria schwackei* Barb. Rodr.

Heterotaxis proboscidea (Rchb. f.) F. Barros = *Nitidobulbon proboscidea* (Rchb. f.) Ojeda & Carnevali

Maxillaria brevipedunculata Ames & C. Schweinf.—should read “= *Nitidobulbon nasutum* (Rchb. f.) Ojeda & Carnevali”

Maxillaria nasuta Rchb. f. = *Nitidobulbon nasutum* (Rchb. f.) Ojeda & Carnevali

Maxillaria proboscidea Rchb. f. = *Nitidobulbon proboscidea* (Rchb. f.) Ojeda & Carnevali

Pleurothallis feuilletii Luer (invalid) = *Specklinia feuilletii* Luer

References

- BATISTA, J.A.N., J.B.F. DA SILVA, AND L. DE BEM BIANCHETTI. 2008. The genus *Habenaria* (Orchidaceae) in the Brazilian Amazon. *Rev. Brasil. Bot.* 31:105–134.
- BLANCO, M.A., G. CARNEVALI, D. BOGARÍN, AND R.B. SINGER. 2008. Further disentangling of a taxonomic puzzle: *Maxillaria ramosa*, *Ornithidium pendulum*, and a new species, *O. elianae* (Orchidaceae). *Harvard Pap. Bot.* 13:135–154.
- LUER, C.A. 2004. *Pleurothallis* subgen. *Acianthera* and three allied subgenera; A second century of new species of *Stelis* of Ecuador; *Epibator*, *Ophidion*, *Zootrophion*. *Monogr. Syst. Bot. Missouri Bot. Gard.* 95:1–265.
- LUER, C.A. 2005. Validation of names cited in *Monogr. Syst. Bot. Missouri Bot. Gard.* 95. 2004. *Monogr. Syst. Bot. Missouri Bot. Gard.* 103:310–311.
- OJEDA I., G. CARNEVALI, AND G.A. ROMERO-GONZÁLEZ. 2009. *Nitidobulbon*, a new genus of Maxillariinae (Orchidaceae). *Novon* 19:96–101.
- ORMEROD, P. 2008. Studies of neotropical Goodyerinae (Orchidaceae) 3. *Harvard Pap. Bot.* 13:55–87.

POACEAE (p. 149–172)

Apochloa chnoodes (Trin.) Zuloaga & Morrone—AM, BO, GU

Apochloa eligulata (N.E. Br.) Zuloaga & Morrone—BO

Apochloa jauana (Davidse) Zuloaga & Morrone—BO

Apochloa sipapoensis (Swallen) Zuloaga & Morrone—AM, BO

Apochloa steyermarkii (Swallen) Zuloaga & Morrone—BO

Arthrostylidium berryi Judziewicz & Davidse—AM

Panicum chnoodes Trin.—should be deleted

Panicum eligulatum N.E. Br.—should be deleted

Panicum jauanum Davidse—should be deleted

Panicum sipapoense Swallen—should be deleted

Panicum steyermarkii Swallen—should be deleted

Raddiella vanessiae Judziewicz & Sepsenwol—FG

Synonyms and misidentifications

Panicum auyanense Swallen—should read “= *Apochloa eligulata* (N.E. Br.) Zuloaga & Morrone”

Panicum chnoodes Trin. = *Apochloa chnoodes* (Trin.) Zuloaga & Morrone

Panicum churunense Swallen—should read “= *Apochloa chnoodes* (Trin.) Zuloaga & Morrone”

Panicum cowanii Swallen—should read “= *Apochloa chnoodes* (Trin.) Zuloaga & Morrone”

Panicum curvifolium Swallen—should read “= *Apochloa chnoodes* (Trin.) Zuloaga & Morrone”

Panicum eligulatum N.E. Br. = *Apochloa eligulata* (N.E. Br.) Zuloaga & Morrone

Panicum fontanale Swallen—should read “= *Apochloa steyermarkii* (Swallen) Zuloaga & Morrone”

Panicum inversum Swallen—should read “= *Apochloa chnoodes* (Trin.) Zuloaga & Morrone”

Panicum jauanum Davidse = *Apochloa jauana* (Davidse) Zuloaga & Morrone

Panicum kavanayense Swallen—should read “= *Apochloa chnoodes* (Trin.) Zuloaga & Morrone”

Panicum maguirei Swallen—should read “= *Apochloa chnoodes* (Trin.) Zuloaga & Morrone”

Panicum sipapoense Swallen = *Apochloa sipapoensis* (Swallen) Zuloaga & Morrone

Panicum steyermarkii Swallen = *Apochloa steyermarkii* (Swallen) Zuloaga & Morrone

Panicum tatei Swallen—should read “= *Apochloa chnoodes* (Trin.) Zuloaga & Morrone”

Panicum tropinoblephare Tutin—should read “= *Apochloa chnoodes* (Trin.) Zuloaga & Morrone”

Panicum vannum Swallen—should read “= *Apochloa chnoodes* (Trin.) Zuloaga & Morrone”

Panicum wurdackii Swallen—should read “= *Apochloa eligulata* (N.E. Br.) Zuloaga & Morrone”

References

- JUDZIEWICZ, E.J. AND G. DAVIDSE. 2008. *Arthrostylidium berryi* (Poaceae, Bambusoideae, Bambuseae, Arthrostylidiinae), a new species from white sand shrublands in Venezuela and Colombia. *Novon* 18:361–365.
- JUDZIEWICZ, E.J. AND S. SEPSENWOL. 2007. The world’s smallest bamboo: *Raddiella vanessiae* (Poaceae: Bambu-

soideae: Olyreae), a new species from French Guiana. *J. Bot. Res. Inst. Texas* 1:1–7.

SEDE, S.M., O. MORRONE, L.M. GIUSSANI, AND F.O. ZULOAGA. 2008. Phylogenetic studies in the Paniceae (Poaceae): a realignment of section *Lorea* of *Panicum*. *Syst. Bot.* 33:284–300.

ANTHOPHYTA: DICOTYLEDONAE

ACANTHACEAE (p. 183–187)

Asystasia gangetica (L.) T. Anderson—add **FG**

Note: Common weed around villages. Several specimens, cf. *C. Feuillet 26* (CAY, P, US)

Synonyms and misidentifications

Ruellia fulgens (Bremek.) E. Tripp = *Polylychnis fulgens* Bremek.

Note: The merge of *Polylychnis* in *Ruellia* might be the right thing to do, but the other species of *Polylychnis* in the *Checklist* area has not been transferred. It seems better to keep them together in this regional work.

Reference

TRIPP, E.A. 2007. Evolutionary relationships within the species-rich genus *Ruellia* (Acanthaceae). *Syst. Bot.* 32:628–649.

ANNONACEAE (p. 190–195)

Gutteria alticola Scharf & Maas—**GU**

Gutteria anteridifera Scharf & Maas—**FG**

Gutteria anthracina Scharf & Maas—**GU, SU, FG**

Gutteria ayangannae Scharf & Maas—**GU**

Gutteria elegans Scharf—**FG**

Gutteria intermedia Scharf—**SU, FG**

Gutteria leucotricha Scharf & Maas—**FG**

Gutteria minutiflora Scharf & Maas—**GU, SU**

Gutteria montis-trinitatis Scharf—**FG**

Gutteria pakaraimae Scharf & Maas—**GU**

Gutteria pannosa Scharf & Maas—**FG**

Gutteria partangensis Scharf & Maas—**GU**

Gutteria richardii R.E. Fr.—add **SU**

Gutteria wokomungensis Scharf & Maas—**GU**

Unonopsis spectabilis Diels—**AM, BO**

Unonopsis velutina Maas—should be deleted

Synonyms and misidentifications

Unonopsis velutina Maas = *Unonopsis spectabilis* Diels

References

MAAS, P.J.M., L.Y.T. WESTRA, AND M. VERMEER. 2007. Revision of the neotropical genera *Bocageopsis*, *Onychoptalum*, and *Unonopsis* (Annonaceae). *Blumea* 52:413–554.

SCHARF, U., P.J.M. MAAS, AND W. MORAWETZ. 2006. *Gutteria richardii* (Annonaceae) rediscovered along with two new species from French Guiana. *Blumea* 51:541–552.

SCHARF, U., P.J.M. MAAS, AND W. MORAWETZ. 2005. Five new species of *Gutteria* (Annonaceae) from the Pakaraima Mountains, Guyana. *Blumea* 50:563–573.

SCHARF, U., P.J.M. MAAS, AND W. MORAWETZ. 2006. Five new species of *Gutteria* (Annonaceae) from French Guiana, Guyana and Suriname. *Blumea* 51:117–130.

SCHARF, U., P.J.M. MAAS, AND M.-F. PRÉVOST. 2008. An unusual new species of *Gutteria* (Annonaceae) from French Guiana and adjacent Brazil (Amapá). *Blumea* 53:515–523.

ARISTOLOCHIACEAE (p. 207–208)

Note: The replacement late in the process of the invalid *Aristolochia peltato-deltaidea* Hoehne with *Aristolochia kanukuensis* Feuillet upset the alignment between the checklist text and the distribution table, between k and p. The following species should read as follows.

Aristolochia kanukuensis Feuillet—delete “ined.,” correct author spelling—**GU**

Aristolochia leprieurii Duch.—**GU, FG**

Aristolochia melgueiroi Barringer & Guánchez—**AM, BO**

Aristolochia mossii S. Moore—**AM, BO, FG**

Aristolochia nummularifolia Kunth—**AM, BO**

Aristolochia pannosoides Hoehne—**BO**

Aristolochia paramaribensis Duch.—**GU, SU, FG**

Reference

FEUILLET, C. 2007. Folia taxonomica 1. Validation of two taxa from northern South America. *J. Bot. Res. Inst. Texas* 1:143–144.

BORAGINACEAE (p. 224–226)

Cordia bullata (L.) Roem. & Schult.—should be deleted

Cordia bullata subsp. *humilis* (Jacq.) Gaviria—should be deleted

Cordia cremersii Feuillet—should be deleted

Cordia curassavica (Jacq.) Roem. & Schult.—should be deleted

Cordia grandiflora (Desv.) Kunth—should be deleted

Cordia marioniae Feuillet—should be deleted

Cordia multispicata Cham.—should be deleted

Cordia polycephala (Lam.) I.M. Johnst.—should be deleted

Cordia polystachya Kunth—should be deleted

Cordia roraimae I.M. Johnst.—should be deleted

Cordia schomburgkii DC.—should be deleted

Cordia stenostachya Killip ex Gaviria—should be deleted

Cordia steyermarkii Gaviria—should be deleted

Cordia tomentosa (Lam.) Roem. & Schult.—should be deleted

Euploca filiformis (Lehm.) J.I.M. Melo & Semir—**AM, BO, GU, SU, FG**

Euploca lagoensis (Warm.) Diane & Hilger—**BO, SU**

Euploca polyphylla (Lehm.) J.I.M. Melo & Semir—**BO**

Euploca procumbens (Mill.) Diane & Hilger—**AM, BO, DA, GU**

Euploca ternata (Vahl) J.I.M. Melo & Semir—**BO, GU**

Heliotropium filiforme Lehm.—should be deleted
Heliotropium lagoense (Warm.) Gürke—should be deleted
Heliotropium polyphyllum Lehm.—should be deleted
Heliotropium procumbens Mill.—should be deleted
Heliotropium ternatum Vahl—should be deleted

Myriopus candidulus (Miers) Feuillet—**BO, GU****Myriopus maculatus** (Jacq.) Feuillet—**BO, GU, SU, FG****Myriopus paniculatus** (Cham.) Feuillet—**GU, SU, FG****Myriopus paniculatus** var. **spigeliiflorus** (A. DC.) Feuillet—**GU, SU, FG****Myriopus volubilis** (L.) Small—**BO, GU, FG**

Tournefortia candidula (Miers) I.M. Johnst.—should be deleted

Tournefortia maculata Jacq.—should be deleted

Tournefortia paniculata Cham.—should be deleted

Tournefortia paniculata var. *spigeliiflora* (A. DC.) I.M. Johnst.—should be deleted

Tournefortia volubilis L.—should be deleted

Varronia bullata L.—**BO, DA, GU?**

Varronia bullata subsp. **humilis** (Jacq.) Feuillet—**BO, DA, GU?**

Varronia cremersii (Feuillet) Feuillet—**FG****Varronia curassavica** Jacq.—**AM, BO, DA, GU, SU, FG****Varronia grandiflora** Desv.—**AM, BO, DA, GU****Varronia marioniae** (Feuillet) Feuillet—**GU****Varronia polycephala** Lam.—**BO, GU, SU, FG****Varronia polystachya** (Kunth) Borhidi—**AM****Varronia roraimae** (I.M. Johnst.) J.S. Mill.—**BO****Varronia schomburgkii** (DC.) Borhidi—**BO, GU, SU, FG****Varronia stenostachya** (Gaviria) J.S. Mill.—**AM, GU****Varronia steyermarkii** (Gaviria) J.S. Mill.—**BO****Varronia tomentosa** Lam.—**SU, FG****Synonyms and misidentifications**

Cordia bullata (L.) Roem. & Schult. = *Varronia bullata* L.

Cordia bullata subsp. *humilis* (Jacq.) Gaviria = *Varronia bullata* subsp. *humilis* (Jacq.) Feuillet

Cordia cremersii Feuillet = *Varronia cremersii* (Feuillet) Feuillet

Cordia curassavica (Jacq.) Roem. & Schult. = *Varronia curassavica* Jacq.

Cordia cylindrostachya (Ruiz & Pav.) Roem. & Schult. [misidentification for *Varronia schomburgkii* (DC.) Borhidi]

Cordia ferruginea (Lam.) Roem. & Schult. [misidentification for *Varronia schomburgkii* (DC.) Borhidi]

Cordia grandiflora (Desv.) Kunth = *Varronia grandiflora* Desv.

Cordia marioniae Feuillet = *Varronia marioniae* (Feuillet) Feuillet

Cordia multispicata Cham. [not in our area]

Cordia polycephala (Lam.) I.M. Johnst. = *Varronia polycephala* Lam.

Cordia polystachya Kunth = *Varronia polystachya* (Kunth) Borhidi

Cordia roraimae (I.M. Johnst.) J.S. Mill. = *Varronia roraimae* (I.M. Johnst.) J.S. Mill.

Cordia schomburgkii DC. = *Varronia schomburgkii* (DC.) Borhidi

Cordia spinescens (L.) Borhidi [misidentification for *Varronia schomburgkii* (DC.) Borhidi]

Cordia stenostachya Killip ex Gaviria = *Varronia stenostachya* (Gaviria) J.S. Mill.

Cordia steyermarkii Gaviria = *Varronia steyermarkii* (Gaviria) J.S. Mill.

Cordia tomentosa (Lam.) Roem. & Schult. = *Varronia tomentosa* Lam.

Heliotropium filiforme Lehm. = *Euploca filiformis* (Lehm.) J.I.M. Melo & Semir

Heliotropium foliosum Roem. & Schult.—should read “= *Euploca polyphylla* (Lehm.) J.I.M. Melo & Semir”

Heliotropium fumana (Fresen.) Gürke—should read “= *Euploca ternata* (Vahl.) J.I.M. Melo & Semir”

Heliotropium lagoense (Warm.) Gürke = *Euploca lagoensis* (Warm.) Diane & Hilger

Heliotropium ottonis Lehm.—should read “= *Euploca ternata* (Vahl.) J.I.M. Melo & Semir”

Heliotropium polyphyllum Lehm. = *Euploca ternata* (Vahl.) J.I.M. Melo & Semir

Heliotropium procumbens Mill. = *Euploca procumbens* (Mill.) Diane & Hilger

Heliotropium ternatum Vahl = *Euploca ternata* (Vahl.) J.I.M. Melo & Semir

Heliotropium trinitensis Urb.—should read “= *Euploca lagoensis* (Warm.) Diane & Hilger”

Messerschmidia candidula Miers = *Myriopus candidulus* (Miers) Feuillet

Schleidenia fumana Fresen.—should read “= *Euploca ternata* (Vahl.) J.I.M. Melo & Semir”

Schleidenia lagoensis Warm.—should read “= *Euploca lagoensis* (Warm.) Diane & Hilger”

Schleidenia polyphylla (Lehm.) Fresen.—should read “= *Euploca polyphylla* (Lehm.) J.I.M. Melo & Semir”

Tournefortia candidula (Miers) I.M. Johnst. = *Myriopus candidulus* (Miers) Feuillet

Tournefortia maculata Jacq. = *Myriopus maculatus* (Jacq.) Feuillet

Tournefortia paniculata Cham. = *Myriopus paniculatus* (Cham.) Feuillet

Tournefortia paniculata var. *spigeliiflora* (A. DC.) I.M. Johnst. = *Myriopus paniculatus* var. *spigeliiflorus* (A. DC.) Feuillet

Tournefortia spigeliaeflora A. DC. = *Myriopus paniculatus* var. *spigeliiflorus* (A. DC.) Feuillet

Tournefortia volubilis L. = *Myriopus volubilis* (L.) Small

References

FEUILLET, C. 2008. Folia taxonomica 4. Conspectus of *Myriopus* (Heliotropiaceae, Boraginales) in the Guiana Shield. J. Bot. Res. Inst. Texas 2:263–265.

FEUILLET, C. 2008. Folia taxonomica 11. Conspectus of *Varronia* (Cordiaceae, Boraginales) in the Guiana Shield with three new combinations. J. Bot. Res. Inst. Texas 2:837–842.

MELO, J.I.M. DE. 2009. Two new Brazilian species and new combinations in *Euploca* (Heliotropiaceae). Kew Bull. 64:285–289.

BURSERACEAE (p. 227–231)**Protium calendulinum** Daly—AM, FG**Protium retusum** Daly—GU**Protium urophyllidium** Daly—AM**Reference**

DALY, D.C. 2007. A new section of *Protium* from the Neotropics. Studies in neotropical Burseraceae XIII. *Brittonia* 59:1–24.

CAPPARACEAE (p. 234–235)

Capparis flexuosa subsp. *polyantha* (Triana & Planch.) H.H. Iltis—should be deleted

Capparis lepreurii Briquet—should be deleted

Capparis maroniensis Benoist—should be deleted

Capparis muco H.H. Iltis, L. Cumaná, R. Delgado & Aymard—should be deleted

Cynophalla polyantha (Triana & Planch.) X. Cornejo & H.H. Iltis—BO, SU

Neocalyptrocalyx lepreurii (Briquet) H.H. Iltis—GU, SU, FG

Neocalyptrocalyx maroniensis (Benoist) X. Cornejo & H.H. Iltis—BO, GU, SU, FG

Neocalyptrocalyx morii X. Cornejo & H.H. Iltis—FG

Neocalyptrocalyx muco (H.H. Iltis, L. Cumaná, R. Delgado & Aymard) X. Cornejo & H.H. Iltis—BO

Synonyms and misidentifications

Capparis flexuosa subsp. *polyantha* (Triana & Planch.) H.H. Iltis = *Cynophalla polyantha* (Triana & Planch.) X. Cornejo & H.H. Iltis

Capparis lepreurii Briquet = *Neocalyptrocalyx lepreurii* (Briquet) H.H. Iltis

Capparis maroniensis Benoist = *Neocalyptrocalyx maroniensis* (Benoist) X. Cornejo & H.H. Iltis

Capparis muco H.H. Iltis, L. Cumaná, R. Delgado & Aymard = *Neocalyptrocalyx muco* (H.H. Iltis, L. Cumaná, R. Delgado & Aymard) X. Cornejo & H.H. Iltis

Capparis polyantha Triana & Planch. = *Cynophalla polyantha* (Triana & Planch.) X. Cornejo & H.H. Iltis

References

CORNEJO, X. AND H.H. ILTIS. 2008. Two new genera of Capparaceae: *Sarcotoxicum* and *Mesocapparis* stat. nov., and the reinstatement of *Neocalyptrocalyx*. *Harvard Pap. Bot.* 13:103–116.

CORNEJO, X. AND H.H. ILTIS. 2008. New combinations in South American Capparaceae. *Harvard Pap. Bot.* 13:117–120.

CORNEJO, X. AND H.H. ILTIS. 2008. *Neocalyptrocalyx morii* (Capparaceae), a new species from Central French Guiana. *J. Bot. Res. Inst. Texas* 2:807–810.

CLUSIACEAE (p. 247–253)**Tovomita gazellii** Poncy & Offroy—FG**Reference**

PONCY, O. AND B. OFFROY. 2006. Une nouvelle espèce de

Tovomita Aubl. (Clusiaceae) de Guyane française. *Adansonia*, sér. 3, 28(1):113–117.

COMBRETACEAE (p. 254–255)

The references are misplaced on the bottom of page 253 after those of the Clusiaceae.

COMPOSITAE (p. 255–269)**Galinsoga parviflora** Cab.—GU**DROSERACEAE (p. 282)****Drosera solaris** A. Fleischm., Wistuba & S. McPherson—GU**Reference**

FLEISCHMANN, A., A. WISTUBA, AND S. MCPHERSON. 2007. *Drosera solaris* (Droseraceae), a new sundew from the Guayana Highlands. *Willdenowia* 37:551–555.

EBENACEAE (p. 282–283)**Diospyros gallo** B. Walln.—BO**Diospyros ottohuberi** B. Walln.—BO**Diospyros tepu** B. Walln.—BO**Reference**

WALLNÖFER, B. 2000. Neue *Diospyros*-Arten (Ebenaceae) aus Südamerika—II. *Ann. Naturhist. Mus. Wien*, ser. B, 102:419–432.

EUPHORBIACEAE (p. 290–300)**Paul Berry****Astraea lobata** (L.) Klotzsch—BO, DA, GU, SU, FG

Croton lobatus L.—should be deleted

Croton argyrophylloides Kunth—should be deleted

Croton argyrophyllus Kunth—should be only BO

Croton cajucara Benth.—add FG

Croton essequiensis Klotzsch—remove “[= *Croton populifolius* P. Mill.?”]

Croton kaieteuri Jabl.—should be deleted

Croton kavanayensis Steyerem.—should be deleted

Croton aff. *nepetifolius* Baill.—should replace *Croton nepetifolius*

Croton niveus Jacq.—BO

Croton polypleurus Croizat—add AM

Croton rhamnifolius Kunth—should be deleted

Croton roraimensis var. *roraimensis*—should be deleted

Croton rottlerifolius Baill.—should be deleted

Croton sacaquinha Croizat—GU**Croton sampatik** Muell. Arg.—AM

Croton sp. A—should be deleted

Croton sp. B—should be deleted

Croton sp. G—should be deleted

Croton sp. H—should be deleted

Croton sp. X [= *Croton nervosus* Klotzsch, nom. illeg.]—AM, BO, GU

Croton tricolor Klotzsch—FG

Euphorbia comosa Vell.—erase “SU?”

Euphorbia aff. *laurifolia* Juss.—should be deleted

Euphorbia pulcherrima Willd. Ex Klotsch—correct epithet spelling & add **FG**

Euphorbia tirucalli L.—add **FG**

Euphorbia tithymaloides L.—**BO, GU, SU, FG**

Euphorbia tithymaloides subsp. **tithymaloides** [native to **GU, SU**; cultivated in all; collected from]—**BO, GU, SU, FG**

Manihot baccata Allem—**FG**

Micrandra sp. A—should be deleted

Micrandra spruceana (Baill.) R.E. Schult.—remove the mention “[record probably misident.]”

Note: Next species in the Checklist, *M. sprucei* (Muell. Arg.) R.E. Schult., is a different species also present in the area covered by the checklist.

Synonyms and misidentifications

Chamaescye adenoptera (Bertol.) Small = *Euphorbia dioeca*—should be deleted

Note: They are two different species and *C. adenoptera* is not in our area.

Croton argyrophylloides Kunth = *Croton tricolor* Klotzsch

Croton barlettii Lanj.—should be deleted

Croton glandulosus subsp. *hirtus* (L'Hérit.) Croizat, “Bull.”—should be deleted

Note: In the Checklist it is a repeat of the entry 2 lines above: “*Croton glandulosus* subsp. *hirtus* (L'Hérit.) Croizat.”

Croton kaieteuri Jabl. = *Croton cuneatus* Klotzsch

Croton kavanayensis Steyerem. = *Croton matourensis* Aubl.

Croton lobatus L. = *Astraea lobata* (L.) Klotzsch

Croton micans Sw. = *Croton argyrophyllus*—instead of “=” it should read “misidentification for”

Croton nervosus Klotzsch [nom. illeg.] = *Croton argyrophyllus*—should read “= *Croton* sp. X”

Croton populifolius P. Mill.—should be deleted

Croton rhamnifolius Kunth (illeg.) = *Croton conduplicatus* Kunth

Croton sp. A = *Croton parodianus* Croizat

Croton sp. B = *Croton sampatik* Muell. Arg.

Croton sp. G = *Croton polypleurus* Croizat

Croton sp. H = *Croton niveus* Jacq.

Euphorbia aff. *laurifolia* Juss. [misidentification; Andean species]

Euphorbia tithymaloides L.—should be deleted

Euphorbia tithymaloides subsp. *tithymaloides*—should be deleted

Micrandra sp. A = *Micrandra inundata* P.E. Berry & Wiedenhoef

Pedilanthus tithymaloides (L.) Poit. = *Euphorbia tithymaloides* L.

Pedilanthus tithymaloides subsp. *tithymaloides* = *Euphorbia tithymaloides* subsp. *tithymaloides*

Reference

ALLEM, A.C. 1999. A new species of *Manihot* (Euphorbiaceae) from the Brazilian Amazon. *Int. J. Plant Sci.* 160:181–187.

GENTIANACEAE (p. 304–309)

Curtia ayangannae L. Cobb & Jans.-Jac.—**GU**

Reference

COBB, L., M.J. JANSEN-JACOBS, AND R. VAN DER HAM. 2007. *Curtia ayangannae*, a new species of Gentianaceae from the Pakaraima Mountains, Guyana. *Blumea* 52:5–10.

GESNERIACEAE (p. 309–312)

C. Feuillet and L.E. Skog

Alloplectus cristatus (L.) Mart.—should be deleted

Alloplectus cristatus var. *epirotos* Leeuwenb.—should be deleted

Alloplectus savannarum C.V. Morton—should be deleted

Besleria neblinae Feuillet—**AM**

Besleria sp. A—should be deleted

Besleria sp. B—should be deleted

Besleria sp. C—should be deleted

Besleria yatua Feuillet—**AM**

Crantzia epirotos (Leeuwenb.) J.L. Clark—**GU**

Episcia duidae Feuillet—**AM**

Episcia rubra Feuillet—**AM**

Episcia sp. A—should be deleted

Episcia sp. B—should be deleted

Gloxinia erinoides (DC.) E.H. Roalson & J.K. Boggan—**BO**

Gloxinia purpurascens (Rusby) Wiehler—should be deleted

Koellikeria erinoides (DC.) Mansf.—should be deleted

Nautilocalyx crenatus Feuillet—**AM**

Nautilocalyx orinocensis Feuillet—**AM**

Nautilocalyx paujiensis Feuillet—**BO**

Nautilocalyx pusillus Feuillet—**BO**

Nautilocalyx roseus Feuillet—**BO**

Nautilocalyx ruber Feuillet—**AM**

Nautilocalyx sp. A—should be deleted

Nautilocalyx sp. B—should be deleted

Nautilocalyx sp. C—should be deleted

Nautilocalyx sp. D—should be deleted

Nautilocalyx sp. E—should be deleted

Nautilocalyx sp. F—should be deleted

Nautilocalyx sp. G—should be deleted

Nautilocalyx vestitus Feuillet—**BO**

Nematanthus savannarum (C.V. Morton) J.L. Clark—**BO, GU, SU**

Paradrymonia glandulosa Feuillet—**AM**

Paradrymonia hamata Feuillet—**AM**

Paradrymonia maculata (Hook. f.) Wiehler—add **DA**

Paradrymonia lutea Feuillet—**AM**

Paradrymonia maguirei Feuillet—**AM**

Paradrymonia sp. A—should be deleted

Paradrymonia sp. B—should be deleted

Paradrymonia sp. C—should be deleted

Paradrymonia sp. D—should be deleted

Paradrymonia sp. E—should be deleted

Paradrymonia tepui Feuillet—**AM**

Paradrymonia yatua Feuillet—**AM**

Seemannia purpurascens Rusby—**GU, FG**

Synonyms and misidentifications

Alloplectus cristatus var. *epirotos* Leeuwenb. = *Crantzia epirotos* (Leeuwenb.) J.L. Clark

Alloplectus savannarum C.V. Morton = *Nematanthus savannarum* (C.V. Morton) J.L. Clark
Besleria sp. A = *Besleria neblinae* Feuillet
Besleria sp. B = *Besleria neblinae* Feuillet
Besleria sp. C = *Besleria yatuana* Feuillet
Episcia sp. A = *Episcia rubra* Feuillet
Episcia sp. B = *Episcia duidae* Feuillet
Gloxinia purpurascens (Rusby) Wiehler = *Seemannia purpurascens* Rusby
Koellikeria erinoides (DC.) Mansf. = *Gloxinia erinoides* (DC.) E.H. Roalson & J.K. Boggan
Nautilocalyx sp. A = *Nautilocalyx vestitus* Feuillet
Nautilocalyx sp. B = *Nautilocalyx orinocensis* Feuillet
Nautilocalyx sp. C = *Nautilocalyx roseus* Feuillet
Nautilocalyx sp. D = *Nautilocalyx paujiensis* Feuillet
Nautilocalyx sp. E = *Nautilocalyx ruber* Feuillet
Nautilocalyx sp. F = *Nautilocalyx crenatus* Feuillet
Nautilocalyx sp. G = *Nautilocalyx pusillus* Feuillet
Paradrymonia sp. A = *Paradrymonia lutea* Feuillet
Paradrymonia sp. B = *Paradrymonia hamata* Feuillet
Paradrymonia sp. C = *Paradrymonia glandulosa* Feuillet
Paradrymonia sp. D = *Paradrymonia tepui* Feuillet
Paradrymonia sp. E = *Paradrymonia maguirei* Feuillet

References

- CLARK, J.L. 2005. A Monograph of *Alloplectus* (Gesneriaceae). *Selbyana* 25:182–209.
- FEUILLET, C. 2008. *Folia Taxonomica* 6. Two new species of *Besleria* (Gesneriaceae) from the Venezuelan Guayana. *J. Bot. Res. Inst. Texas* 2:269–273.
- FEUILLET, C. 2008. *Folia Taxonomica* 7. Two new species and a new section in *Episcia* (Gesneriaceae) from the Venezuelan Guayana. *J. Bot. Res. Inst. Texas* 2:275–280.
- FEUILLET, C. 2008. *Folia Taxonomica* 10. New species of *Nautilocalyx* (Gesneriaceae: Episcieae) from the Venezuelan Guayana. *J. Bot. Res. Inst. Texas* 2:825–836.
- FEUILLET, C. 2009. *Folia Taxonomica* 12. *Paradrymonia* (Gesneriaceae, Episcieae) from the Guiana Shield: *P. maguirei* a new species from Amazonas, and distribution and floral morphology of *P. maculata*. *J. Bot. Res. Inst. Texas* 3:133–138.
- FEUILLET, C. 2009. *Folia Taxonomica* 15. Five new species of *Paradrymonia* subgenus *Paradrymonia* (Gesneriaceae, Episcieae) from the Venezuelan Guayana. *J. Bot. Res. Inst. Texas* 3:583–592.
- ROALSON, E.H., J.K. BOGGAN, AND L.E. SKOG. 2005. Reorganization of tribal and generic boundaries in the Gloxinieae (Gesneriaceae: Gesnerioideae) and the description of a new tribe in the Gesnerioideae, Sphaerorrhizeae. *Selbyana* 25:225–238.
- SKOG, L.E. AND C. FEUILLET. 2008. Gesneriaceae. In: M.J.

Jansen-Jacobs, ed. *Flora of the Guianas* ser. A, 26. 136 pages. Royal Botanic Gardens Kew, Richmond.

HIPPOCRATEACEAE (p. 313–314)

In the family authors, after Mennega, delete “†”

LEGUMINOSAE-CAESALPINIOIDEAE (p. 333–346)

Paloue sandwithii Redden—GU

Reference

- REDDEN, K.M. 2008. A new species of *Paloue* (Leguminosae: Caesalpinioideae: Detarieae) from Guyana, South America. *Brittonia* 60:257–260.

LEGUMINOSAE-FABOIDEAE (p. 346–365)

Aldina diplogyne Stergios & Aymard—BO

Guianodendron praeclarum (Sandwith) Schütz Rodrigues & Azevedo—GU

Swartzia anomala R.S. Cowan—add GU

Swartzia benthamiana var. *yatuensis* R.S. Cowan—should be deleted

Swartzia brachyrachis Harms—should be deleted

Swartzia brachyrachis var. *glabrata* R.S. Cowan—should be deleted

Swartzia canescens Torke—FG, SU

Swartzia glabrata (R.S. Cowan) Torke—BO, GU, SU

Swartzia kaieteurensis Torke—delete “sp. nov. ined.”

Swartzia ramiflora Torke—AM

Swartzia rosea Mart. ex Benth.—AM

Swartzia stipellata R.S. Cowan—should be deleted

Trischidium alternum (Benth.) H.E. Ireland—GU

Synonyms and misidentifications

Bocoa alterna (Benth.) R.S. Cowan = *Trischidium alternum* (Benth.) H.E. Ireland

Swartzia alterna Benth. = *Trischidium alternum* (Benth.) H.E. Ireland

Swartzia benthamiana var. *yatuensis* R.S. Cowan = *Swartzia rosea* Mart. ex Benth.

Swartzia brachyrachis var. *glabrata* R.S. Cowan = *Swartzia glabrata* (R.S. Cowan) Torke

Swartzia stipellata R.S. Cowan = *Swartzia anomala* R.S. Cowan

References

- IRELAND, H.E. 2007. Taxonomic changes in the South American genus *Bocoa* (Leguminosae-Swartzieae): reinstatement of the name *Trischidium*, and a synopsis of both genera. *Kew Bull.* 62:333–350.
- SCHÜTZ RODRIGUES, R. AND A.M.G. AZEVEDO. 2006. *Guianodendron*, a new genus of Leguminosae (Papilionoideae) from South America. *Novon* 16:129–132.
- STERGIOS, B. AND G.A. AYMARD. 2008. A striking new species of *Aldina* (Fabaceae-Swartzieae-Aldinae) from the Venezuelan Guayana highlands. *Harvard Pap. Bot.* 13(1):29–33.

TORKE, B.M. 2007. New combinations and species-level synonyms in *Swartzia* (Leguminosae: Papilionoideae). *Novon* 17:110–119.

TORKE, B.M. 2007. Three new species of *Swartzia* (Leguminosae-Papilionoideae) from northern South America. *Bot. J. Linn. Soc.* 153:343–355.

LEGUMINOSAE-MIMOSOIDEAE (p. 365–376)

Inga loubryana Poncy—GU, FG

Reference

PONCY, O. 2007. A new species of *Inga* Mill. (Fabaceae, Mimosoideae) from the Guianas. *Adansonia* sér. 3, 29(2):249–254.

LISSOCARPACEAE (p. 379)

Two of the references by Wallnöfer placed in the Ebenaceae belong here.

LORANTHACEAE (p. 381–384)

Oryctina atrolineata Kuijt—GU

Reference

KUIJT, J. 2003. A new species of *Oryctina* (Loranthaceae) from Guyana. *Brittonia* 55:169–172.

MALPIGHIACEAE (p. 386–393)

Alicia macrodisca (Triana & Planch.) W.R. Anderson—AM, BO GU, SU

Carolus sinemariensis (Aubl.) W.R. Anderson—AM, BO, GU, FG

Christianella glandulifera (Cuatrec.) W.R. Anderson—AM

Christianella surinamensis (Kosterm.) W.R. Anderson—AM, GU, SU

Malpighiodes guianensis (W.R. Anderson) W.R. Anderson—GU, SU, FG

Malpighiodes liesneri (W.R. Anderson) W.R. Anderson—AM

Mascagnia castanea (Cuatrec.) W.R. Anderson—should be deleted

Mascagnia glandulifera Cuatrec.—should be deleted

Mascagnia guianensis W.R. Anderson—should be deleted

Mascagnia liesneri W.R. Anderson—should be deleted

Mascagnia macrodisca (Triana & Planch.) Nied.—should be deleted

Mascagnia microcarpa (Sandwith) W.R. Anderson—should be deleted

Mascagnia sinemariensis (Aubl.) Griseb.—should be deleted

Mascagnia surinamensis (Kosterm.) W.R. Anderson—should be deleted

Niedenzuella acutifolia (Cav.) W.R. Anderson—GU, SU, FG

Niedenzuella castanea (Cuatrec.) W.R. Anderson—AM

Niedenzuella poeppigiana (A. Juss.) W.R. Anderson—AM, GU

Tetrapterys acutifolia Cav.—should be deleted

Tetrapterys poeppigiana (A. Juss.) Griseb.—should be deleted

Synonyms and misidentifications

Banisteria sinemariensis Aubl.—should read “= *Carolus sinemariensis* (Aubl.) W.R. Anderson”

Diplopterys microcarpa (Sandwith) W.R. Anderson—should read “= *Carolus sinemariensis* (Aubl.) W.R. Anderson”

Heteropterys castanea (Cuatrec.) W.R. Anderson—should read “= *Niedenzuella castanea* (Cuatrec.) W.R. Anderson”

Hiraea macrodisca (Triana & Planch.) Nied.—should read “= *Alicia macrodisca* (Triana & Planch.) W.R. Anderson”

Hiraea poeppigiana A. Juss.—should read “= *Niedenzuella poeppigiana* (A. Juss.) W.R. Anderson”

Hiraea schizoptera Turcz.—should read “= *Carolus sinemariensis* (Aubl.) W.R. Anderson”

Malpighia volubilis Sims—should read “= *Carolus sinemariensis* (Aubl.) W.R. Anderson”

Mascagnia castanea (Cuatrec.) W.R. Anderson = *Niedenzuella castanea* (Cuatrec.) W.R. Anderson

Mascagnia anisopetala var. *macrodisca* (Triana & Planch.) Kosterm.—should read “= *Alicia macrodisca* (Triana & Planch.) W.R. Anderson”

Mascagnia glandulifera Cuatrec.—should read “= *Christianella glandulifera* (Cuatrec.) W.R. Anderson”

Mascagnia guianensis W.R. Anderson—should read “= *Malpighiodes guianensis* (W.R. Anderson) W.R. Anderson”

Mascagnia hondensis (Sandwith) W.R. Anderson—should read “= *Carolus sinemariensis* (Aubl.) W.R. Anderson”

Mascagnia liesneri W.R. Anderson—should read “= *Malpighiodes liesneri* (W.R. Anderson) W.R. Anderson”

Mascagnia macrodisca (Triana & Planch.) Nied. = *Alicia macrodisca* (Triana & Planch.) W.R. Anderson

Mascagnia microcarpa (Sandwith) W.R. Anderson = *Carolus sinemariensis* (Aubl.) W.R. Anderson

Mascagnia multiglandulosa var. *surinamensis* Kosterm. = *Christianella surinamensis* (Kosterm.) W.R. Anderson

Mascagnia poeppigiana (A. Juss.) W.R. Anderson—should be deleted

Mascagnia sinemariensis (Aubl.) Griseb. = *Carolus sinemariensis* (Aubl.) W.R. Anderson

Mascagnia subsericea Cuatrec.—should read “= *Niedenzuella poeppigiana* (A. Juss.) Griseb.”

Mascagnia surinamensis (Kosterm.) W.R. Anderson = *Christianella surinamensis* (Kosterm.) W.R. Anderson

Tetrapterys acutifolia Cav. = *Niedenzuella acutifolia* (Cav.) W.R. Anderson

Tetrapterys poeppigiana (A. Juss.) Griseb.—should read “= *Niedenzuella poeppigiana* (A. Juss.) Griseb.”

Reference

ANDERSON, W.R. 2006. Eight segregates from the neotropical genus *Mascagnia* (Malpighiaceae). *Novon* 16:168–204.

MORACEAE (p. 423–428)

Ficus duartei C.C. Berg & Carauta—FG

Ficus duckeana C.C. Berg & Ribeiro—FG

Ficus popenoei subsp. **malacocarpa** (Standl.) C.C. Berg—**AM, BO, DA, GU, SU, FG**

Synonyms and misidentifications

Ficus malacocarpa Standl. = *Ficus popenoei* subsp. *malacocarpa* (Standl.) C.C. Berg

References

- BERG, C.C. AND J.P.P. CARAUTA. 2002 [2003]. New species of *Ficus* (Moraceae) from Brazil. *Brittonia* 54:236–250.
BERG, C.C. 2007. New species of *Ficus* (Moraceae) from South America. *Blumea* 52:569–594.

MYRSINACEAE (p. 430–434)

Cybianthus prevostiae Pipoly—correct species spelling—**FG**

Reference

- PIPOLY, J.J. 1999. Two new species of Myrsinaceae from French Guiana. *Brittonia* 51:128–133.

MYRTACEAE (p. 434–442)

B. Holst and C. Feuillet

Calycolpus cochleatus McVaugh—Huber 9375 (MO, VEN)—add **BO**

Calycorectes batavorum McVaugh—should be deleted
Calycorectes enormis McVaugh—should be deleted
Calycorectes guyanensis Mattos—should be deleted
Calycorectes maximus McVaugh—should be deleted
Calyptanthes forsteri O. Berg—Oldeman B-2825 (CAY)—add **FG**

Calyptanthes pulchella DC.—Cremers 8213 (CAY)—add **FG**
***Calyptanthes* sp.**—was in the Checklist as *C. lepida* McVaugh

Eugenia batavorum (McVaugh) Mattos—**SU**

Eugenia enormis (McVaugh) Mattos—**BO, DA**

Eugenia exaltata O. Berg—Acevedo et al. 5750 (CAY)—add **SU**

Eugenia gomesiana O. Berg—Fleury 1012 (CAY)—add **FG**

Eugenia maxima (McVaugh) Mattos—**SU**

Eugenia protenta McVaugh—Sanoja 2075 (VEN)—add **DA**
Marlierea biptera Amshoff—Service Foretier 6259 (CAY)—add **FG**

Myrcia gonini McVaugh—de Granville 1853 (CAY)—add **FG**
Myrcia tafelbergica Amshoff—Oldeman T-454 (CAY)—add **FG**

Eugenia galbaensis Mattos—**FG**

Synonyms and misidentifications

Calycorectes batavorum McVaugh = *Eugenia batavorum* (McVaugh) Mattos

Calycorectes enormis McVaugh = *Eugenia enormis* (McVaugh) Mattos

Calycorectes guyanensis Mattos = *Eugenia galbaensis* Mattos
Calycorectes maximus McVaugh = *Eugenia maxima* (McVaugh) Mattos

Calyptanthes lepida McVaugh—misidentification for an undescribed species

Eugenia aubletiana Mattos (nom. illeg.) = *Eugenia latifolia* Aubl.

Eugenia yatuae (McVaugh) Mattos (superfluous) = *Eugenia yatuae* (McVaugh) Holst

References

- HOLST, B.K. 2002. New species and notes on Myrtaceae from northern South America. *Selbyana* 23:137–180.
MATTOS, J.R. 1996. Novitates taxonomicas en Myrtaceae XII. *Loefgrênia* 108:1–2.
MATTOS, J.R. 2005. Considerações sobre *Calycorectes* Berg. *Loefgrênia* 120:1–24.

OCHNACEAE (p. 445–449)

Ouratea candelabra Sastre—**GU**

Ouratea jansen-jacobsiae Sastre—**GU, SU**

Ouratea miniguanensis Sastre—**FG**

Ouratea pseudogigantophylla Sastre—**SU**

Ouratea retrorsa Sastre—**FG**

Ouratea sipaliwiniensis Sastre—**SU**

Ouratea superimpressa Sastre—**GU**

Ouratea takutuensis Sastre—**GU**

References

- SASTRE C. 2006. Deux nouvelles espèces d'*Ouratea* (Ochnaceae) des Guyanes. *Adansonia*, sér. 3, 28(1):119–127.
SASTRE C. 2007. Six nouvelles espèces d'*Ouratea* (Ochnaceae) des Guyanes. *Adansonia*, sér. 3, 29(1):77–91.
WALLNÖFER B. 1998. A revision of *Perissocarpa* Steyerl. & Maguire (Ochnaceae). *Ann. Naturhist. Mus. Wien*, ser. B, 100:683–707.

PASSIFLORACEAE (p. 454–456)

Passiflora angusta Feuillet & J.M. MacDougal—**BO, GU**

Passiflora arta Feuillet—remove “ined.”—**GU**

Passiflora compar Feuillet—remove “ined.”—**GU, FG**

Passiflora curva Feuillet—**FG**

Passiflora davidii Feuillet—**FG**

Passiflora foetida var. *orinocensis* (Killip) Feuillet—remove “ined.”

Passiflora rufa Feuillet & J.M. MacDougal—**GU, SU, FG**

Passiflora sp. D—should be deleted

Passiflora sp. G—should be deleted

Passiflora sp. H—should be deleted

Passiflora tecta Feuillet—**BO, GU, SU?**

Synonyms and misidentifications

Passiflora sp. D = *Passiflora angusta* Feuillet & J.M. MacDougal

Passiflora sp. G = *Passiflora davidii* Feuillet

Passiflora sp. H = *Passiflora rufa* Feuillet & J.M. MacDougal

References

- FEUILLET C. 2007. Folia taxonomica 1. Validation of two taxa from northern South America. *J. Bot. Res. Inst. Texas* 1:143–144.
FEUILLET C. 2007. Folia taxonomica 2. New species of *Passiflora* subgenus *Passiflora* (Passifloraceae) from the Guianas. *J. Bot. Res. Inst. Texas* 1:819–825.
FEUILLET C. 2007. Folia taxonomica 3. *Passiflora davidii*

(Passifloraceae), a new species in subgenus *Passiflora* and a key to the sections of supersection *Stipulata*. J. Bot. Res. Inst. Texas 1:895–898.

FEUILLET C. 2008. Folia taxonomica 8. *Passiflora tecta*, a new species in subgenus *Passiflora* from the Guianas. J. Bot. Res. Inst. Texas 2:281–283.

FEUILLET C. 2009. Folia taxonomica 13. *Passiflora curva* (Passifloraceae), a new species in subg. *Passiflora* supersect. *Coccinea* from French Guiana. J. Bot. Res. Inst. Texas 3:577–579.

FEUILLET C. AND J.M. MACDOUGAL 2008. Folia taxonomica 9. New species of *Passiflora* subg. *Decaloba* (Passifloraceae) from northern South America. J. Bot. Res. Inst. Texas 2:817–824.

PIPERACEAE (p. 458–466)

Piper aulacospermum Callejas—FG

Piper ciliomarginatum Görts & Christenh.—GU

Piper remotinervium Görts—GU, FG

Reference

GÖRTS-VAN RIJN, A.R.A. AND R. CALLEJAS. 2005. Three new species of *Piper* (Piperaceae) from the Guianas. Blumea 50:367–373.

RUBIACEAE (p. 479–507)

P.G. Delprete

The molecular phylogenies published by Razafimandimbison et al. (2009) support the separation of *Appunia* Hook. f. from *Morinda* L., therefore two new combinations in *Appunia* from the Guayana Shield are necessary. The phylogenetic studies of Dessein (2003), Dessein et al. (2006a), Groeninckx et al. (2009a, 2009b), and Lens et al. (2009) confirm the wide delimitation of the genus *Spermacoce* L. (incl. *Borreria* G. Mey.), as already treated by Adams (in Burger & Taylor, 1993), Boom & Delprete (2002), Delprete et al. (2005), Delprete & Cortés (“2006” 2007), Delprete (2007), De Vré (2000), Dessein et al. (2003, 2006a), and Vaes et al. (2006). A recent re-delimitation of *Chiococca nitida* Benth. was published by Delprete (“2004” [2005]), and the necessary synonymies are listed below. Additional synonyms and rearrangements here presented are based on direct observations and ongoing revisionary and floristic treatments by the present author.

Appunia aurantiaca (K. Krause) Sandwith—GU?

Appunia brachycalyx (Bremek.) Steyerem.—GU, SU, FG

Appunia calycina (Benth.) Sandwith—GU

Appunia debilis Sandwith—GU

Appunia longipedunculata (Steyerem.) Delprete, **comb. nov.**—AM

Note: BASIONYM: *Morinda longipedunculata* Steyerem., Ann. Missouri Bot. Gard. 75:340. 1988; TYPE: VENEZUELA: Sierra de la Neblina, 22–23 Jul 1984, *Davidse 27651* (HOLOTYPE: MO, ISOTYPE: VEN).

Appunia peduncularis (Kunth) Delprete, **comb. nov.**—AM, GU

Note: BASIONYM: *Morinda peduncularis* Kunth in Humb. & Bonpl. Nov. Gen. Sp. 3(12, quarto): 380. 1819. TYPE: VENEZUELA: Río Orinoco, San Borja, *Humboldt & Bonpland s.n.* (HOLOTYPE: P-Bonpl.).

Appunia surinamensis (Bremek.) Steyerem.—SU

Appunia tenuiflora Hook. f.—AM, BO, GU, SU, FG

Appunia venezuelensis Steyerem.—BO

Borreria alata (Aubl.) DC.—should be deleted

Borreria bolivariensis Steyerem.—should be deleted

Borreria capitata (Ruiz & Pav.) DC.—should be deleted

Borreria capitata var. *capitata*—should be deleted

Borreria capitata var. *suaveolens* (G. Mey.) Steyerem.—should be deleted

Borreria capitata var. *tenella* (Kunth) Steyerem.—should be deleted

Borreria cataractarum Steyerem.—should be deleted

Borreria confertifolia Steyerem.—should be deleted

Borreria densiflora DC.—should be deleted

Borreria hispida Spruce ex K. Schum.—should be deleted

Borreria intricata Steyerem.—should be deleted

Borreria jangouxii Steyerem.—should be deleted

Borreria latifolia (Aubl.) K. Schum.—should be deleted

Borreria macrocephala Standl. & Steyerem.—should be deleted

Borreria ovalifolia M. Martens & Galeotti—should be deleted

Borreria prostrata (Aubl.) Miq.—should be deleted

Borreria pygmaea Spruce ex K. Schum.—should be deleted

Borreria remota (Lam.) Bacigalupo & E.L. Cabral—should be deleted

Borreria repens DC.—should be deleted

Borreria verticillata (L.) G. Mey.—should be deleted

Borreria wurdackii Steyerem.—should be deleted

Borreria xanthophylla Bremek.—should be deleted

Calycophyllum intonsum Steyerem.—GU

Calycophyllum merumense Steyerem.—GU

Calycophyllum spectabile Steyerem.—GU

Carapichea guianensis Aubl.—SU, FG

Carapichea ligularis (Rudge) Delprete—GU, SU, FG

Chimarrhis cymosa Jacq.—should be deleted [endemic to Lesser Antilles; cf. Delprete, 1999, *Flora Neotropica* 77:152–155].

Chiococca multipedunculata Steyerem.—should be deleted

Chiococca nitida var. *amazonica* Muell. Arg.—should be deleted

Chiococca nitida var. *chimantensis* Steyerem.—should be deleted

Chiococca nitida var. *nitida*.—should be deleted

Coussarea longilaciniata Delprete—GU

Coussarea spicata Delprete—FG

Diodella apiculata (Willd. ex Roem. & Schult.) Delprete—AM, BO, GU, SU, FG

Note: Delprete 2004. in A. Reis, *Fl. Ilustrada Catar.*, Rubiaceas 1:169.

Diodella radula (Willd. ex Roem. & Schult.) Delprete—BO

Note: Delprete 2004. in A. Reis, *Fl. Ilustrada Catar.*, Rubiaceas 1:174.

Diodella sarmentosa (Sw.) Bacigalupo & E.L. Cabral ex Borhidi—**AM, BO, DA, GU, SU, FG**

Note: Borhidi. 2006. Rubiaceas de México. 186.

Diodia apiculata (Willd. ex Roem. & Schult.) K. Schum.—should be deleted

Diodia hyssopifolia (Willd. ex Roem. & Schult.) Cham. & Schltld.—should be deleted

Diodia multiflora DC.—should be deleted

Diodia ocyimifolia (Willd. ex Roem. & Schult.) Bremek.—should be deleted

Diodia pulchripila Bremek.—should be deleted

Diodia radula (Willd. & Hoffmanns. ex Roem. & Schult.) Cham. & Schltld.—should be deleted

Diodia radula subsp. *venezuelensis* Steyerem.—should be deleted

Diodia sarmentosa Sw.—should be deleted

Diodia spicata Miq.—should be deleted

Diodia teres Walter—should be deleted

Faramea pedunculata (Bremek.) Delprete—**GU, FG**

Faramea sessiliflora Aubl. var. *pedunculata* Bremek.—should be deleted

Faramea sessiliflora var. *sessiliflora*—should be deleted

Hoffmannia megistophylla Standl.—should be deleted

Ibetrulia surinamensis Bremek.—should be deleted

Kutchubaea surinamensis (Bremek.) C.H. Perss.—**SU, FG**

Note: C.H. Perss. 2005. Revista Biol. Neotrop. 2:67.

Morinda brachycalyx (Bremek.) Steyerem.—should be deleted

Morinda calycina (Benth.) Steyerem.—should be deleted

Morinda debilis (Sandwith) Steyerem.—should be deleted

Morinda longiloba (Steyerem.) Steyerem.—should be deleted

Morinda longipedunculata Steyerem. [Sierra de la Neblina]—should be deleted

Morinda peduncularis Kunth—should be deleted

Morinda sparsiflora (Steyerem.) Steyerem.—should be deleted

Morinda surinamensis (Bremek.) Steyerem.—should be deleted

Morinda tenuiflora (Benth.) Steyerem.—should be deleted

Morinda tenuiflora var. *leiophylla* (Steyerem.) Steyerem.—should be deleted

Palicourea lemoniana C.M. Taylor—**AM**

Patima guianensis Aubl.—add **SU**

Psychotria ligularis (Rudge) Steyerem.—should be deleted

Psychotria ligularis var. *ligularis*—should be deleted

Semaphyllanthus intonsa (Steyerem.) L. Andersson—should be deleted

Semaphyllanthus merumensis (Steyerem.) L. Andersson—should be deleted

Semaphyllanthus spectabilis (Steyerem.) L. Andersson—should be deleted

Spermacoce alata Aubl.—**AM, GU, SU, FG**

Spermacoce bolivarensis (Steyerem.) Govaerts—**BO**

Spermacoce capitata Ruiz & Pav.—**AM, BO, GU, SU, FG**

Spermacoce cataractarum (Steyerem.) Govaerts—**BO, GU**

Spermacoce confertifolia (Steyerem.) Govaerts—**AM, BO, GU**

Spermacoce densiflora (DC.) Liogier—**AM, BO, GU**

Spermacoce exilis (L.O. Williams) C.D. Adams—**AM, BO, DA, GU, SU, FG**

Spermacoce hexangularis Aubl.—**FG**

Spermacoce hyssopifolia Willd. ex Roem. & Schult. (1818); non Kunth (1819)—**AM, BO, DA, GU, SU, FG**

Spermacoce intricata (Steyerem.) Govaerts—**AM**

Spermacoce jangouxii (Steyerem.) Govaerts—**AM**

Spermacoce latifolia Aubl.—**AM, BO, DA, GU, SU, FG**

Spermacoce macrocephala (Standl. & Steyerem.) Govaerts—**AM**

Spermacoce multiflora (DC.) Delprete—**DA**

Spermacoce neohispida Govaerts—**AM, BO, GU, SU, FG**

Spermacoce ocyimifolia Willd. ex Roem. & Schult.—**AM, BO, DA, GU, SU, FG**

Spermacoce ovalifolia (M. Martens & Galeotti) Hemsl.—**GU**

Spermacoce prostrata Aubl.—**AM, BO, DA, GU, SU, FG**

Spermacoce pulchripila (Bremek.) Delprete—**GU, SU**

Spermacoce remota Lam.—**AM, BO, GU, SU, FG**

Spermacoce spicata (Miq.) Delprete—**AM, GU, SU, FG**

Spermacoce spruceana Kuntze—**AM, BO**

Spermacoce suaveolens (G. Mey.) Kuntze—**GU, SU**

Spermacoce tenella Kunth—**AM, BO, GU, SU, FG**

Spermacoce verticillata L.—**AM, BO, DA, GU, SU, FG**

Spermacoce wurdackii (Steyerem.) Govaerts—**AM**

Spermacoce xanthophylla (Bremek.) Govaerts—**SU**

Synonyms and misidentifications

Alibertia surinamensis (Bremek.) Steyerem. = *Kutchubaea surinamensis* (Bremek.) C.H. Perss.

Appunia longiloba Steyerem. = *Appunia tenuiflora* Hook. f.

Appunia sparsiflora Steyerem. = *Appunia tenuiflora* Hook. f.

Appunia tenuiflora var. *leiophylla* Steyerem. = *Appunia tenuiflora* Hook. f.

Bellynckia brachycalyx Bremek. = *Appunia brachycalyx* (Bremek.) Steyerem.

Bellynckia calycina (Benth.) Bremek. = *Appunia calycina* (Benth.) Sandwith

Bellynckia surinamensis Bremek. = *Appunia surinamensis* (Bremek.) Steyerem.

Bigelovia sphaerica DC. = *Spermacoce remota* Lam.

Bigelovia verticillata (L.) Spreng. = *Spermacoce verticillata* L.

Borreria alata (Aubl.) DC. = *Spermacoce alata* Aubl.

Borreria alternans Bello = *Spermacoce ocyimifolia* Willd. ex Roem. & Schult.

Borreria asperula DC. = *Spermacoce ocyimifolia* Willd. ex Roem. & Schult.

Borreria assurgens (Ruiz & Pav.) Griseb. = *Spermacoce remota* Lam.

Borreria bolivarensis Steyerem. = *Spermacoce bolivarensis* (Steyerem.) Govaerts

Borreria capitata (Ruiz & Pav.) DC. = *Spermacoce capitata* Ruiz & Pav.

Borreria capitata var. *capitata* f. *ferruginea* (A. St.-Hil.) Steyerem. = *Spermacoce capitata* Ruiz & Pav.

Borreria capitata var. *capitata* f. *glabra* Steyerem. = *Spermacoce capitata* Ruiz & Pav.

Borreria capitata var. *suaveolens* (G. Mey.) Steyerem. = *Spermacoce suaveolens* (G. Mey.) Kuntze

Borreria capitata var. *tenella* (Kunth) Steyerem. = *Spermacoce tenella* Kunth

- Borreria cataractarum* Steyerem. = *Spermacoce cataractarum* (Steyerem.) Govaerts
- Borreria confertifolia* Steyerem. = *Spermacoce confertifolia* (Steyerem.) Govaerts
- Borreria densiflora* DC. = *Spermacoce densiflora* (DC.) Liogier
- Borreria elongata* DC. = *Spermacoce capitata* Ruiz & Pav.
- Borreria ferruginea* (A. St.-Hil.) DC. = *Spermacoce capitata* Ruiz & Pav.
- Borreria fockeana* Miq. = *Spermacoce latifolia* Aubl.
- Borreria hispida* Spruce ex K. Schum. = *Spermacoce neohispida* Govaerts
- Borreria intricata* Steyerem. = *Spermacoce intricata* (Steyerem.) Govaerts
- Borreria jangouxii* Steyerem. = *Spermacoce jangouxii* (Steyerem.) Govaerts
- Borreria kappleriana* Miq. = *Spermacoce capitata* Ruiz & Pav.
- Borreria laevis* (Lam.) Griseb. = *Spermacoce remota* Lam.
- Borreria latifolia* (Aubl.) K. Schum. = *Spermacoce latifolia* Aubl.
- Borreria latifolia* var. *fockeana* (Miq.) Bremek. = *Spermacoce latifolia* Aubl.
- Borreria linifolia* DC. = *Spermacoce remota* Lam.
- Borreria linoidea* DC. = *Spermacoce tenella* Kunth
- Borreria lutescens* DC. = *Spermacoce capitata* Ruiz & Pav.
- Borreria macrocephala* Standl. & Steyerem. = *Spermacoce macrocephala* (Standl. & Steyerem.) Govaerts
- Borreria minima* DC. = *Spermacoce verticillata* L.
- Borreria multiflora* (DC.) Bacigalupo & Cabral = *Spermacoce multiflora* (DC.) Delprete
- Borreria nectarifera* Rusby = *Spermacoce capitata* Ruiz & Pav.
- Borreria ocyimifolia* (Willd. ex Roem. & Schult.) Bacigalupo & E.L. Cabral = *Spermacoce ocyimifolia* Willd. ex Roem. & Schult.
- Borreria oligodonta* Steyerem. = *Spermacoce verticillata* L.
- Borreria ovalifolia* M. Martens & Galeotti = *Spermacoce ovalifolia* (M. Martens & Galeotti) Hemsl.
- Borreria penicillata* Miq. = *Spermacoce latifolia* Aubl.
- Borreria perrottetii* DC. = *Spermacoce latifolia* Aubl.
- Borreria podocephala* DC. = *Spermacoce verticillata* L.
- Borreria pulchripila* (Bremek.) Bacigalupo & Cabral = *Spermacoce pulchripila* (Bremek.) Delprete
- Borreria pygmaea* Spruce ex K. Schum. = *Spermacoce spruceana* Kuntze
- Borreria remota* (Lam.) Bacigalupo & E.L. Cabral = *Spermacoce remota* Lam.
- Borreria repens* DC. = *Spermacoce exilis* (L.O. Williams) C.D. Adams
- Borreria spicata* (Miq.) Bacigalupo & Cabral = *Spermacoce spicata* (Miq.) Delprete
- Borreria splitgerberi* Bremek. = *Spermacoce latifolia* Aubl.
- Borreria stricta* G. Mey. = *Spermacoce verticillata* L.
- Borreria suaveolens* G. Mey. = *Spermacoce suaveolens* (G. Mey.) Kuntze
- Borreria suaveolens* var. *linoides* (DC.) Standl. = *Spermacoce suaveolens* (G. Mey.) Kuntze
- Borreria suaveolens* G. Mey. var. *platyphylla* (K. Schum.) Standl. = *Spermacoce tenella* Kunth
- Borreria tenella* (Kunth) Cham. & Schtdl. = *Spermacoce tenella* Kunth
- Borreria tenella* var. *angustifolia* DC. = *Spermacoce tenella* Kunth
- Borreria tenella* var. *genuina* K. Schum. = *Spermacoce tenella* Kunth
- Borreria tenella* var. *linoides* K. Schum. = *Spermacoce tenella* Kunth
- Borreria tenella* var. *platyphylla* K. Schum. = *Spermacoce tenella* Kunth
- Borreria tenella* var. *suaevolens* (G. Mey.) K. Schum. = *Spermacoce suaveolens* (G. Mey.) Kuntze
- Borreria tetraptera* Miq. = *Spermacoce latifolia* Aubl.
- Borreria trichantha* Miq. = *Spermacoce ocyimifolia* Willd. ex Roem. & Schult.
- Borreria verticillata* (L.) G. Mey. = *Spermacoce verticillata* L.
- Borreria virgata* Cham. & Schtdl. = *Spermacoce ocyimifolia* Willd. ex Roem. & Schult.
- Borreria wurdackii* Steyerem. = *Spermacoce wurdackii* (Steyerem.) Govaerts
- Borreria xanthophylla* Bremek. = *Spermacoce xanthophylla* (Bremek.) Govaerts
- Callicocca guianensis* (Aubl.) Gmel. = *Carapichea guianensis* Aubl.
- Carapichea aubletii* DC. = *Carapichea guianensis* Aubl.
- Cephaelis guianensis* (Aubl.) Standl. = *Carapichea guianensis* Aubl.
- Coffea calycina* Benth. = *Appunia calycina* (Benth.) Sandwith
- Chiococca cordata* = *Chiococca nitida* Benth.
- Chiococca erubescens* Wernham = *Chiococca nitida* Benth.
- Chiococca multipedunculata* Steyerem. = *Chiococca nitida* Benth.
- Chiococca nitida* var. *amazonica* Muell. Arg. = *Chiococca nitida* Benth.
- Chiococca nitida* var. *amazonica* f. *cordata* (Cowan) Steyerem. = *Chiococca nitida* Benth.
- Chiococca nitida* var. *chimantensis* Steyerem. = *Chiococca nitida* Benth.
- Coffea tenuiflora* Benth. = *Appunia tenuiflora* Hook. f.
- Cordia surinamensis* Miq. ex Bremek. = *Appunia surinamensis* (Bremek.) Steyerem.
- Dasycephala spicata* (Miq.) Hook. f. = *Spermacoce spicata* (Miq.) Delprete
- Diodia apiculata* (Willd. ex Roem. & Schult.) K. Schum. = *Diodella apiculata* (Willd. ex Roem. & Schult.) Delprete
- Diodia articulata* Pohl ex DC. = *Spermacoce hyssopifolia* Willd. ex Roem. & Schult.
- Diodia hyssopifolia* (Willd. ex Roem. & Schult.) Cham. & Schtdl. = *Spermacoce hyssopifolia* Willd. ex Roem. & Schult.
- Diodia hyssopifolia* var. *articulata* (Pohl ex DC.) Steyerem. = *Spermacoce hyssopifolia* Willd. ex Roem. & Schult.
- Diodia hyssopifolia* var. *hyssopifolia* f. *psiloclada* Steyerem. = *Spermacoce hyssopifolia* Willd. ex Roem. & Schult.
- Diodia hyssopifolia* var. *linearis* (Willd. ex Roem. & Schult.) Steyerem. = *Spermacoce hyssopifolia* Willd. ex Roem. & Schult.
- Diodia hyssopifolia* var. *linearis* f. *glabriuscula* Steyerem. = *Spermacoce hyssopifolia* Willd. ex Roem. & Schult.

- Diodia multiflora* DC. = *Spermacoce multiflora* (DC.) Delprete
- Diodia ocymifolia* (Willd. ex Roem. & Schult.) Bremek. = *Spermacoce ocymifolia* Willd. ex Roem. & Schult.
- Diodia pulchripila* Bremek. = *Spermacoce pulchripila* (Bremek.) Delprete
- Diodia radula* (Willd. & Hoffmanns. ex Roem. & Schult.) Cham. & Schltl. = *Diodella radula* (Willd. ex Roem. & Schult.) Delprete
- Diodia radula* subsp. *venezuelensis* Steyerem. = *Diodella radula* (Willd. ex Roem. & Schult.) Delprete
- Diodia sarmentosa* Sw. = *Diodella sarmentosa* (Sw.) Bacigalupo & E.L. Cabral ex Borhidi
- Diodia spicata* Miq. = *Spermacoce spicata* (Miq.) Delprete
- Diodia surinamensis* Miq. = *Spermacoce hyssopifolia* Willd. ex Roem. & Schult.
- Diodia teres* Walter = *Diodella teres* (Walter) Small
- Fareamea sessiliflora* Aubl. var. *pedunculata* Bremek. = *Fareamea pedunculata* (Bremek.) Delprete
- Hemidiodia ocymifolia* (Willd. ex Roem. & Schult.) K. Schum. (as "ocimifolia" [ort. var.]) = *Spermacoce ocymifolia* Willd. ex Roem. & Schult.
- Hoffmannia megistophylla* Standl. = *Patima guianensis* Aubl.
- Ibetrulia surinamensis* Bremek. = *Kutchubaea surinamensis* (Bremek.) C.H. Perss.
- Morinda aurantiaca* (K. Krause) Steyerem. = *Appunia aurantiaca* (K. Krause) Sandwith
- Morinda brachycalyx* (Bremek.) Steyerem. = *Appunia brachycalyx* (Bremek.) Steyerem.
- Morinda calycina* (Benth.) Steyerem. = *Appunia calycina* (Benth.) Sandwith
- Morinda debilis* (Sandwith) Steyerem. = *Appunia debilis* Sandwith
- Morinda longiloba* (Steyerem.) Steyerem. = *Appunia tenuiflora* Hook. f.
- Morinda longipedunculata* Steyerem. = *Appunia longipedunculata* (Steyerem.) Delprete
- Morinda peduncularis* Kunth = *Appunia peduncularis* (Kunth) Delprete
- Morinda sparsiflora* (Steyerem.) Steyerem. = *Appunia tenuiflora* Hook. f.
- Morinda surinamensis* (Bremek.) Steyerem. = *Appunia surinamensis* (Bremek.) Steyerem.
- Morinda tenuiflora* (Benth.) Steyerem. = *Appunia tenuiflora* Hook. f.
- Morinda tenuiflora* var. *leiophylla* (Steyerem.) Steyerem. = *Appunia tenuiflora* Hook. f.
- Morinda venezuelensis* (Steyerem.) Steyerem. = *Appunia venezuelensis* Steyerem.
- Psychotria carapichea* (Steyerem.) Delprete = *Carapichea guianensis* Aubl.
- Psychotria galbaoensis* Steyerem. = *Carapichea guianensis* Aubl.
- Psychotria ligularis* (Rudge) Steyerem. = *Carapichea ligularis* (Rudge) Delprete
- Psychotria ligularis* var. *carapichea* Steyerem. = *Carapichea guianensis* Aubl.
- Schradera ligularis* Rudge = *Carapichea ligularis* (Rudge) Delprete
- Semaphyllanthe intonsa* (Steyerem.) L. Andersson = *Calycophyllum intonsum* Steyerem.
- Semaphyllanthe merumensis* (Steyerem.) L. Andersson = *Calycophyllum merumense* Steyerem.
- Semaphyllanthe spectabilis* (Steyerem.) L. Andersson = *Calycophyllum spectabile* Steyerem.
- Spermacoce assurgens* Ruiz & Pav. = *Spermacoce remota* Lam.
- Spermacoce aturensis* Kunth = *Spermacoce hyssopifolia* Willd. ex Roem. & Schult.
- Spermacoce brasiliensis* Spreng. = *Spermacoce tenella* Kunth
- Spermacoce capitellata* Willd. ex Roem. & Schult. = *Spermacoce remota* Lam.
- Spermacoce coerulea* Pohl ex DC. = *Spermacoce ocymifolia* Willd. ex Roem. & Schult.
- Spermacoce coerulescens* Aubl. = *Spermacoce latifolia* Aubl.
- Spermacoce ernstii* R. Fosberg & D. Powell = *Spermacoce ovalifolia* (M. Martens & Galeotti) Hemsl.
- Spermacoce ferruginea* A. St.-Hil = *Spermacoce capitata* Ruiz & Pav.
- Spermacoce guianensis* Bremek. = *Spermacoce remota* Lam.
- Spermacoce laevis* Lam. = *Spermacoce remota* Lam.
- Spermacoce linearis* Willd. ex Roem. & Schult. = *Spermacoce hyssopifolia* Willd. ex Roem. & Schult.
- Spermacoce linooides* Pohl ex DC. = *Spermacoce suaveolens* (G. Mey.) Kuntze
- Spermacoce longifolia* Aubl. = *Mitracarpus* sp. ?
- Spermacoce longifolia* f. *glabrata* Miq. = *Spermacoce ocymifolia* Willd. ex Roem. & Schult.
- Spermacoce oligodonta* (Steyerem.) Govaerts = *Spermacoce verticillata* L.
- Spermacoce orinocensis* Roem. & Schult. = *Spermacoce capitata* Ruiz & Pav.
- Spermacoce portoricensis* Balb. ex DC. = *Spermacoce ocymifolia* Willd. ex Roem. & Schult.
- Spermacoce pringlei* S. Watson = *Spermacoce ovalifolia* (M. Martens & Galeotti) Hemsl.
- Spermacoce radicans* Aubl. = *Spermacoce prostrata* Aubl.
- Spermacoce suaveolens* f. *glabra* Kuntze = *Spermacoce suaveolens* (G. Mey.) Kuntze
- Spermacoce suaveolens* f. *pubescens* Kuntze = *Spermacoce suaveolens* (G. Mey.) Kuntze
- Spermacoce suaveolens* var. *tenella* (Kunth) Kuntze = *Spermacoce tenella* Kunth
- Tardavel tenella* (Kunth) Standl. = *Spermacoce tenella* Kunth
- Uragoga guianensis* (Aubl.) Pulle = *Carapichea guianensis* Aubl.

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RUTACEAE (p. 507–510)

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SABIACEAE (p. 510–511)

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VIOLACEAE (p. 547–549)

Hekkingia bordenavei H.E. Ballard & Munzinger—FG

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VITACEAE (p. 552–553)

Cissus descoingsii J.A. Lombardi—should be deleted

Cissus duarteana Cambess.—should be deleted

Cissus guyanensis Descoings—add **BO, GU**

Cissus kawensis Descoings—**FG**

Cissus subrhomboidea (Baker) Planch.—add **FG**

Synonyms and misidentifications

Cissus descoingsii J.A. Lombardi (invalid and illegitimate) =

Cissus guyanensis Descoings

Cissus duarteana Cambess. [misidentification for *Cissus subrhomboidea* (Baker) Planch.]

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VOCHYSIACEAE (p. 553–555)

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