

Studies on the flora of the Guianas n° 84. New records for French Guiana, 1992–1994

Authors: Hoff, Michel, Cremers, Georges, and Boggan, John

Source: Willdenowia, 26(1/2) : 301-320

Published By: Botanic Garden and Botanical Museum Berlin (BGBM)

URL: <https://doi.org/10.3372/wi.26.2615>

The BioOne Digital Library (<https://bioone.org/>) provides worldwide distribution for more than 580 journals and eBooks from BioOne's community of over 150 nonprofit societies, research institutions, and university presses in the biological, ecological, and environmental sciences. The BioOne Digital Library encompasses the flagship aggregation BioOne Complete (<https://bioone.org/subscribe>), the BioOne Complete Archive (<https://bioone.org/archive>), and the BioOne eBooks program offerings ESA eBook Collection (<https://bioone.org/esa-ebooks>) and CSIRO Publishing BioSelect Collection (<https://bioone.org/csiro-ebooks>).

Your use of this PDF, the BioOne Digital Library, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Digital Library content is strictly limited to personal, educational, and non-commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne is an innovative nonprofit that sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

MICHEL HOFF, GEORGES CREMERS, JOHN BOGGAN

Studies on the flora of the Guianas n° 84. New records for French Guiana, 1992–1994

Abstract

Hoff, M., Cremers, G., Boggan, J.: Studies on the flora of the Guianas n° 84. New records for French Guiana, 1992–1994. – Willdenowia 26: 301–320. 1996. – ISSN 0511–9618.

The species richness of French Guiana is still imperfectly known. Based on an analysis of the entries in the 'Flora of French Guiana database', AUBLET, and the comparison with the checklist for the Guianas edited in 1992, its known flora grew richer within three years, from 1992 to 1994, by 308 new species and infraspecific taxa, i. e. at a rate of 5.9%. At present, the known flora of French Guiana consists of 5206 species and infraspecific taxa of higher plants (3662 dicotyledons, 1187 monocotyledons, 353 pteridophytes and 4 gymnosperms). The new records for French Guiana comprise 117 taxa already recorded from Surinam and/or Guyana, 92 taxa new for the three Guianas, 39 taxa new to science, 37 formerly doubtful and now confirmed records of taxa, and 23 new records of taxa of uncertain status. The vast majority of the new records is based on material collected within the last 30 years; two thirds come from the dense lowland forests, 60 % are trees, 30 % lianas and epiphytes, 10% terrestrial herbaceous plants.

Introduction

It is difficult to measure the species richness of a tropical region. The list of taxa is continually changing as a result of new gatherings, the discovery of species new to science, new taxonomic concepts, and of previous determinations becoming invalid. The aim of this study is to report the additions to the "Checklist of the plants of the Guianas (Guyana, Surinam, French Guiana)" (Boggan & al. 1992) for French Guiana during the years 1992–1994, to quantify these changes in the flora of a fairly well known region during such a short space of time, and to analyse their origins.

The checklist of the Guianas (Boggan & al. 1992) lists the plants found in the three Guianas until January 1st 1992. By that time, 4899 species and infraspecific taxa of higher plants were catalogued (3421 dicotyledons, 1126 monocotyledons, 338 pteridophytes and 4 gymnosperms). Since January 1st 1992, c. 14 500 newly determined or revised collections made it possible to identify additional 308 species and infraspecific taxa new or now confirmed for French Guiana.

Material and methods

The herbarium specimens of French Guiana have been recorded in the data base called "AUBLET" (Hoff & al. 1989). At present, the data base contains about 86% of all collections

gathered in French Guiana since 1762, i. e. about 123 000 of a total of 142 000 collections (Hoff, in press). The entry for each collection contains (a) the name of the collector, (b) the collection number, (c) the name of the taxon, (d) the year of collecting, (e) the name of the determinator, (f) the year of the determination.

Data on new collections, which are permanently being entered, come from three sources: (a) new collections gathered in French Guiana, (b) collections recorded in the botanists' field books and in various archives, (c) collections quoted in taxonomic and floristic literature.

About 96 759 or 79 % of all the collections in the data base were determined at least as far as the species level in 1995. New determinations are constantly being entered in the data base. They have various origins: (a) determinations made by the botanists of the Cayenne herbarium (CAY) and by visiting specialists, (b) lists of determinations received at CAY, (c) exchange between data bases, mainly with the New York Botanical Garden herbarium (NY), (d) taxonomic publications, (e) floras and particularly the "Flora of the Guianas".

A first list of all the catalogued taxa from French Guiana was extracted from the "AUBLET" data base in 1991 for the compilation of the "Checklist of the plants of the Guianas" (Boggan & al. 1992).

Between 1992 and 1994, 14 475 new determinations were made and entered in the data base. Of these, 9607 concern collections made before 1992 and being either confirmations or alterations of previous determinations, whereas 4868 concern collections determined at least to the species level out of a total of 7727 new gatherings made between 1992 and 1994.

In order to ascertain the actual number of new records for the flora of French Guiana between 1992 and 1994, two complementary examinations were carried out:

(1) The names of all taxa collected or determined between 1992 and 1994 were extracted from the data base. This output of 2832 names was compared to the 'Flora of the Guianas Checklist' (Boggan & al. 1992) and the already quoted names were removed. As a result of this additive approach 382 taxa not listed in Boggan & al. (1992) were identified.

(2) The names of all taxa entered into the data base before 1st January 1992 were extracted from the data base, i. e. 4899 names. Then all names of taxa present in the data base at the end of 1994 were extracted and compared to the first list. As a result of this subtractive approach a new list of 280 taxa known from French Guiana at the end of 1994 but not at the beginning of 1992 was created. This list was used to extract the corresponding herbarium specimens from the data base.

Both lists together contained about 400 different names of which more than 2/3 were common to both lists. All these names of taxa were compared to Boggan & al. (1992), to the fascicles of the "Flora of the Guianas", i. e. Berg (1992), Cowan & Lindeman (1989), Grimes (1992), Jansen-Jacobs (1988), Judziewicz (1990), Maas (1985), Maas & Maas-van de Kamer (1989), Mori & Prance (1993), Prance (1986), Wurdack & al., (1993), to the "Taxonomic inventory of French Guiana" (Cremers & Hoff 1990, 1992, 1993, 1994), furthermore to Cremers & al. (1994), Descoings (1991, 1994), Leuenberger (1987), and Poncy (1985). In this way nearly 92 names have been eliminated, because they turned out to be synonyms not quoted in works related to French Guiana, or preliminary determinations (such as 'aff.' and 'cf.') that have not been confirmed subsequently. A number of identifications obviously representing still unpublished determinations, however, have not been excluded.

Results

On the whole, nearly 700 collections made it possible to identify 308 species and infraspecific taxa not listed by Boggan & al. (1992) for French Guiana. A quarter or 74 of the new taxa originate from 120 collections gathered between 1992 and 1994; 12 records of doubtful taxa are also based on new collections. 5 new records originate from collections of the 18th and the 19th

Tab. 1. Origin of the new records for French Guiana 1992–1994.

Taxa	Dicot.	Monocot.	Pterido.	Total
new to science	24	15	0	39
new to the Guianas	71	13	8	92
new to French Guiana	92	22	3	117
confirmed for French Guiana	29	7	1	37
Doubtful taxa	14	7	2	23
Total	230	64	14	308

century, but the great majority of the new records comes from 500 collections made between 1965 and 1991.

One third of these almost 700 collections come from the Saül area, between 5 % and 10 % each come from the Cayenne area, the Arataye-Nouragues area, the Piste de Saint-Elie Station, and the Montagnes Bellevue de l'Inini. The others were gathered on the Oyapock river and at Trois-Sauts, at the Monts Atachi-Bakka, the Monts Bakra and the Montagnes de la Trinité.

The ecological origins of the collections are less varied. 3/4 come from lowland forests, less than 10 % from the inselbergs and less than 5 % from secondary formations and the savannahs.

About 60 % of the new records are trees, 30 % are epiphytes and lianas, and 10 % are terrestrial herbaceous plants.

Compared to Boggan & al. (1992), the known flora of French Guiana grew richer within the three years 1992–1994 by 308 species and infraspecific taxa, thus at a rate of 5.9 %, i. e. at a rate of almost 2 % per year on average.

The new records are of different origins (Tab. 1):

- most taxa (117) have been known already from Surinam and/or Guyana but not from French Guiana
- nearly 1/3 of the taxa (92), are new records for the three Guianas but are known already from neighbouring countries (included are also more than a dozen cultivated species omitted by Boggan & al. 1992).
- more than 12 % of the taxa (39) are new to science (in two case, i. e. *Pachira dolichocalyx* and *Simaba morettii*, the taxa were described already in 1983, but omitted by Boggan & al. 1992)
- another c. 12 % of the taxa (37) represent former doubtful records which have meanwhile been confirmed for French Guiana
- 23 of the additions to the flora of French Guiana concern doubtful taxa or records, i. e. the taxa are either not accepted by some specialists, or not present in the Guianas according to some authorities, or the determinations are doubtful.

The new records for French Guiana 1992–1994

Pteridophyta

Aspleniaceae

Asplenium sessilifolium Desv. – Herb. Jussieu 1265 (det.: Stolze, R.G. 1993). – New to the Guianas.

Dennstaedtiaceae

Odontosoria fumarioides (Sw.) J. Sm. – *Prévost, M.F. & Grenand, P. 1000* (det.: Rohwer, J.G. 1993). – New to the Guianas.

Dryopteridaceae

Gymnogramma flexuosa Desv. – *Cremers, G. 12808* (det.: Cremers, G. 1992). – New to the Guianas.

Grammitidaceae

Enterosora campbellii Baker subsp. *campbellii* – *Cremers, G. & al. 10325* (det.: Lellinger, D.B. 1992). – New to the Guianas.

Grammitis flabelliformis (Poir.) F. Morton – *Cremers, G. & al. 10248* (det.: Lellinger, D.B. 1992) (≡ *Melpomene flabelliformis* (Poir.) A.R. Sm. & R.C. Moran). – Guyana, new to French Guiana.

Lomariopsidaceae

Elaphoglossum latifolium (Sw.) J. Sm. – *Mori, S.A. & al. 21544* (det.: Mickel, J.T. 1993). – New to the Guianas.

E. longicaudatum Mickel – *Mori, S.A. & al. 21568* (det.: Mickel, J.T. 1993). – New to the Guianas.

Lycopodiaceae

Huperzia killipii (Herter) B. Øllg. – *Cremers, G. & al. 9030; Feuillet, C. 3863; Granville, J.J. de 1097* (Øllgaard, B. 1994). – New to the Guianas.

H. linifolia var. *jenmanii* (Underw. & Lloyd) B. Øllg. & Win – *Hallé, F. 724* (det.: Øllgaard, B. 1994). – New to the Guianas.

Polypodiaceae

Phlebodium pseudoaureum (Cav.) Lellinger – *Cremers, G. & al. 10239* (det.: Lellinger, D.B. 1992). – Doubtful, probably *Phlebodium aureum* var. *araneosum* (Martens & Galeotti) L.D. Gomez (≡ *Phlebodium araneosum* (Martens & Galeotti) Mickel & Beitel).

Polypodium sororium Humb. & Bonpl. ex Willd. – *Granville, J.J. de & Cremers, G. 11778; Granville, J.J. de & al. 12130* (det.: Cremers, G. 1993). – Doubtful, probably confusion with *Polypodium dissimile* L. or *Polypodium dulce* Poir.

Pteridaceae

Pteris deflexa Link – *Cremers, G. & al. 12993* (det.: Cremers, G. 1993); *Granville, J.J. de 11672* (det.: Granville, J.J. de 1992). – Guyana, Surinam, confirmed for French Guiana.

Selaginellaceae

Selaginella seemannii Baker – *Cremers, G. & al. 10295* (det.: Lellinger, D.B. 1992). – Surinam, new to French Guiana.

S. tuberculata Spruce ex Baker – *Mori, S.A. & al. 23759* (det.: Mori, S.A. 1994); *Mori S.A. & al. 23256* (det.: Valdespino, I.A. 1994). – Guyana, Surinam, new to French Guiana.

Spermatophyta**Dicotyledoneae****Amaranthaceae**

Alternanthera crucis (Moq.) Bold. – *Le Goff, A. 75, 186* (det.: Le Goff, A. 1992). – New to the Guianas.

Anacardiaceae

Spondias purpurea L. – *Capus, F. 35* (det.: Mitchell, J.D. 1992); *Sagot, P.A. s. n.* (det.: Mitchell, J.D. 1994). – Cultivated (vicinity of Saül), new to the Guianas.

Annonaceae

- Duguetia amplexifolia* R.E. Fr. – Mori, S.A. & al. 21659 (det.: Maas, P.J.M. 1993). – Surinam, new to French Guiana.
- Guatteria conspicua* R.E. Fr. – Bordenave, B. 405 (det.: Bordenave, B. 1992). – Guyana, Surinam, new to French Guiana.
- Unonopsis glaucopetala* R.E. Fr. – Fleury, M. 837; Sabatier, D. & Prévost, M.F. 3096, 3308 (det.: Maas, P.J.M. 1992). – Guyana, Surinam, new to French Guiana.
- Xylopia nervosa* (R.E. Fr.) Maas – Grenand, P. 10; Grenand, P. & Prévost, M.F. 1999; Prévost, M.F. 700, 1873 (det.: Maas, P.J.M. 1992). – New to the Guianas.

Apocynaceae

- Malouetia gracilis* (Benth.) A. DC. – Chapuis, J. 15 (det.: Granville, J.J. de 1994). – Doubtful, unverified name according to Allorge in Boggan & al. (1992).
- M. tamaquarina* var. *minor* A. DC. – Bordenave, B. 370 (det.: Bordenave, B. 1992). – New to French Guiana.

Aquifoliaceae

- Ilex inundata* Poepp. ex Reissek – Sabatier, D. & al. 2267 (det.: Punt, W. 1992). – Surinam, new to French Guiana.

Asteraceae

- Elephantopus carolinianus* Willd. – Albertini, S. 99 (det.: Albertini, S. 1994). – Doubtful according to V. Funk & H. Robinson in Boggan & al. (1992), probably *Elephantopus mollis* Kunth
- Fleischmannia microstemon* (Cass.) R. King & H. Rob. – Riéra, B. 1706 (det.: Robinson, H.E. 1992). – Surinam, new to French Guiana.

Bignoniaceae

- Kigelia africana* (Lam.) Benth. – Bordenave, B. 760 (Bordenave, B. 1994). – Cultivated, new to the Guianas.

Bombacaceae

- Ochroma lagopus* Sw. – Loubry, D. 1927 (det.: Loubry D. 1994). – New to the Guianas.
- Pachira dolichocalyx* A. Robyns in Bull. Jard. Bot. Nat. Belg. 58: 535. 1988. – Prévost, M.F. 840 (det.: Robyns, A. 1988); Purwanto, Y. 269 (det.: Prévost, M.F. 1994). – New to science, endemic to French Guiana.
- Quararibea turbinata* Poir. – Billiet & Jadin 5774 (det.: Cremers, G. 1993). – Doubtful according to L.J. Door in Boggan & al. (1992).

Brassicaceae

- Rorippa nasturtium-aquaticum* (L.) Hayek – Mori, S.A. & al. 22078 (det.: Al-Shehbaz, I. 1993). – New to the Guianas.

Burseraceae

- Protium demerarense* Sw. – Mori & al. 24025 (det.: Daly D.C. 1994); Acevedo-Rodriguez, P. & al. 4995 (det.: Daly, D.C. 1993); Prévost, M.F. 236 (det.: Daly, D.C. 1992). – Guyana, confirmed for French Guiana.
- P. occultum* Daly in Bol. Mus. Poraense Emilio Goeldi, N. S., Bot. 7: 253. 1991. – Mori, S.A. & al. 22719, 22826 (det.: Daly, D.C. 1992). – New to science.

Cactaceae

- Hylocereus triangularis* (L.) Britton & Rose – Bordenave, B. 514 (det.: Bordenave, B. 1994); Hoff, M. 7605 (det.: Cremers, G. 1992); Le Goff, A. & Hoff, M. 165 (det.: Le Goff, A. 1992). – Doubtful, must be confirmed with the flowers.

Caesalpiniaceae

- Bauhinia outimouta* Aubl. – Mori, S.A. & al. 22747 (det.: Barneby, R.C. 1993); Mori, S.A. & al.

- 23559 (det.: Barneby, R.C. 1994); *Mori, S.A. & al.* 23626 (det.: Mori, S.A. 1994). – Species recently rediscovered, omitted by Boggan & al. (1992).
- B. surinamensis* Amshoff – *Mori, S.A. & al.* 20864, 22647 (det.: Gracie, C.A. 1992). – Guyana, Surinam, new to French Guiana.
- Cassia fistula* L. – *Cremers, G.* 13248 (det.: Cremers, G. 1993). – Cultivated, confirmed for French Guiana.
- Dimorphandra macrostachya* subsp. *glabrifolia* (Ducke) M.F. da Silva – *Mori, S.A. & al.* 21691 (det.: Barneby, R.C. 1993). – Guyana, new to French Guiana.
- Elizabetha princeps* M.R. Schomb. ex Benth. – *Granville, J.J. de & al.* 7854 (det.: Grimes, J. 1992); *Hoff, M.* 7323 (det.: Cremers, G. 1992). – Guyana, Surinam, confirmed for French Guiana.
- Eperua schomburgkiana* Benth. – *Marshall, N. & Rombold, J.* 142 (det.: Barneby, R.C. 1993). – Guyana, Surinam, confirmed for French Guiana.
- Swartzia cuspidata* Spruce ex Benth. – *Grenand, 569; Oldeman, R.A.A.* B 2850, 3020 (det.: Cowan 1982); *Sabatier, D. & al.* 2897 (det.: Sabatier, D. 1992). – Doubtful, not in the Guianas according to Boggan & al. (1992) and Cowan & Lindeman (1989).
- S. laeviscarpa* Amshoff – *Bordenave, B.* 694 (det.: Bordenave, B. 1994). – Guyana, Surinam, confirmed for French Guiana.
- S. remiger* Amshoff – Surinam, confirmed by Gazel (oral comm.) for French Guiana, but no specimen available.
- Sclerobium amplifolium* Ducke ($\equiv$ *Tachigali amplifolia* (Ducke) Barneby in Brittonia 48: 182. 1996). – *Mori, S.A. & al.* 18233, 23060, 23868; *Oldeman, R.A.A.* 3194 (det.: Barneby, R.C. 1994). – New to the Guianas.
- Tamarindus indica* L. – *Cremers, G. & Bastos, M.N.C.* 12903 (det.: Cremers, G. 1992). – Cultivated, new to the Guianas.

Canellaceae

- Cinnamodendron tenuifolium* Uittien – *Mori, S.A. & al.* 23982 (det.: Mori, S.A. 1994); *Mori, S.A. & al.* 23002 (det.: Mori, S.A. 1993); *Sabatier, D.* 1055 (det.: Kallunki, J. 1992). – Surinam, new to French Guiana.

Chrysobalanaceae

- Couepia canomensis* (Mart.) Benth. ex Hook. f. – *Sabatier, D. & al.* 3215 (det.: Prance, G.T. 1992). – Guyana, new to French Guiana.
- Hirtella duckei* Huber – *Bordenave, B.* 649 (det.: Bordenave, B. 1994). – Guyana, new to French Guiana.
- Licania discolor* Pilger – *Mori, S.A. & Werff, H. van der* 23279 (det.: Prance, G.T. 1994. – Guyana, Surinam, new to French Guiana.
- L. latifolia* Benth. ex Hook. f. – *Sabatier, D.* 1539 (det.: Prance, G.T. 1992). – Guyana, new to French Guiana.
- L. longistyla* (Hook. f.) Fritsch – *Purwanto, Y.* 776 (det.: Purwanto, Y. 1994); *Sabatier, D. & al.* 2183 (det.: Prance, G.T. 1992). – Guyana, Surinam, confirmed for French Guiana.
- L. parvifructa* Fanshawe & Maguire – *Sabatier, D. & al.* 2504 (det.: Prance, G.T. 1992). – Guyana, new to French Guiana.
- L. silvae* Prance – *Sabatier, D. & al.* 3850 (det.: Prance, G.T. 1992). – Guyana, new to French Guiana.
- Parinari parvifolia* Sandwith – *Sabatier, D. (& al.)* 2167, 2376, 3005 (det.: Prance, G.T. 1992). – Guyana, new to French Guiana.

Clusiaceae

- Moronobea jenmanii* Engl. – *Oldeman, B.* 3080 (det.: Acevedo-Rodriguez, P. 1992). – Guyana, new to French Guiana.

Cucurbitaceae

Cucumis sativus L. – Fleury, M. 796 (det.: Kew Herb. 1992). – Cultivated (Village Boni de Loca, Maroni Riv.), new to the Guianas.

Ebenaceae

Diospyros lissocarpoides Sandwith – Granville, J.J. de & al. 5881 (det.: Hiepko, P.H.J. 1992); Mori, S.A. & al. 22913 (det.: Mori, S.A. 1993). – Guyana, Surinam, confirmed for French Guiana.

Ericaceae

Spherospermum buxifolium Poepp. & Endl. – Granville, J.J. de & al. 11792 (det.: Granville, J.J. de 1993); Mori, S.A. 8747 (det.: Luteyn, J.L. 1993). – Guyana, confirmed for French Guiana.
S. cordifolium Benth. – Mori, S.A. 8766 (det.: Luteyn, J.L. 1993). – Guyana, confirmed for French Guiana.

Erythroxylaceae

Erythroxylum vernicosum O.E. Schulz – Larpin, D. 533 (det.: Larpin, D. 1992). – Guyana, new to French Guiana.

Euphorbiaceae

Croton draconoides Müll. Arg. – Leeuwenberg, A.J.M. 11777 (det.: Gillespie, L.J. 1994). – Confirmed for French Guiana.
C. pullei Lanjouw – Prévost, M.F. 2731 (det.: Punt, W. 1992). – Surinam, new to French Guiana.
C. pullei var. *glabrior* Lanjouw – Oldeman, R.A.A. & Sastre, C. 61 (det.: Secco, R.S. 1994). – Surinam, new to French Guiana.
C. rottlerae Baill. – Mori, S.A. & al. 15388 (det.: Leisner, R.L. 1993). – Surinam, new to French Guiana.
C. subincanus Müll. Arg. – Cremers, G. 12774 (det.: Gillespie, L.J. 1993). – Guyana, Surinam, new to French Guiana.
Dodecastigma integrifolium (Lanjouw) Lanjouw & Sandwich – Mori, S.A. & al. 22811 (det.: Gillespie, L.J. 1994). – Guyana, new to French Guiana.
Euphorbia cyathophora Murray – Mori, S.A. & Gracie, C.A. 18950 (det.: Huft, M.J. 1992). – Cultivated, naturalized(?); Surinam, new to French Guiana.
Mabea salicoides Esser in Novon 3: 349. 1993. – Mori, S.A. & al. 15146, 15556 (det.: Esser, H.J. 1994). – New to science.
Manihot quinquepartita Huber ex Rogers & Appan – Mori, S.A. & Gracie, C.A. 18622 (det.: Leisner, R.L. 1994); Mori, S.A. & al. 23054 (det.: Gillespie, L.J. 1994). – New to the Guianas.
Micrandra elata (Didr.) Müll. Arg. – Larpin, D. 603 (det.: Punt, W. 1992). – Doubtful, probably *M. brownbergensis* Lanjouw from Surinam.
Sapium argutum (Müll. Arg.) Huber – Cremers, G. 13060 (det.: Cremers, G. 1993); Granville, J.J. de 3237 (det.: Gillespie, L.J. 1994); Larpin D. 735 (det.: Punt, W. 1992). – Confirmed for French Guiana but perhaps = *S. montanum* Lanjouw from Surinam.
Senefeldera macrophylla Ducke – Riéra, B. 1173 (det.: Punt, W. 1992). – Guyana, Surinam, new to French Guiana.

Fabaceae

Aeschynomene pratensis var. *caribaea* Rudd – Hoff, M. 6136 (det.: Barneby, R.C. 1992). – Guyana, new to French Guiana.
Dioclea macrocarpa Huber – Mori, S.A. & al. 20944 (det.: Barneby, R.C. 1993); Mori, S.A. & al. 22824 (det.: Mori, S.A. 1992); Mori, S.A. & al. 22825 (det.: Grimes, J. 1993); Mori, S.A. & al. 23556 (det.: Barneby, R.C. 1994); Skog, L.E. & Feuillet, C. 7362 (det.: Gil-Ad, N. 1994). – Guyana, Surinam, confirmed for French Guiana.
D. megacarpa Rolfe – Bordenave, B. 895 (det.: Lewis, G.P. 1994); Mori, S.A. 22211 (det.:

Grimes, J. 1993). – Confirmed for French Guiana.

Voandzeia subterranea (L. f.) A. DC. – *Fleury, M.* 659 (det.: Grimes, J. 1992). – Cultivated and naturalized, new to the Guianas.

Flacourtiaceae

Ryania speciosa var. *subuliflora* (Sandwith) Monach. – *Purwanto, Y.* 564 (det.: Prévost, M.F. 1994). – New to the Guianas.

R. speciosa var. *tomentosa* (Miq.) Monach. – *Bordenave, B.* 367 (det.: Prévost, M.F. 1992). – New to the Guianas.

Hernandiaceae

Sparattanthelium guianense Sandwith – *Mori, S.A. & al.* 23571 (det.: Mori, S.A. 1994). – Guyana, new to French Guiana.

Hippocrateaceae

Cheiloclinium minutiflorum (A.C. Sm.) A.C. Sm. – *Oldeman, R.A.A. B* 2554 (det.: Görts-van Rijn, A.R.A. 1994). – New to the Guianas.

Salacia duckei A.C. Sm. – *Billiet & Jadin* 1167 (det.: Mennega, A.M.W. 1994). – Surinam, new to French Guiana.

Lamiaceae

Plectranthus amboinicus Lour. – *Wittingthorn, V.* 41 (det.: Harley, R.M. 1993). – Cultivated in the vicinity of Remire (Ile de Cayenne), new to the Guianas.

Lauraceae

Aiouea longipetiolata van der Werff in Novon 4: 60. 1994. – *Mori, S.A. & al.* 14902, 15238, 15413, 20758; *Prévost M.F. & al.* 2801 (det.: Werff, H. van der 1994). – New to science, endemic to French Guiana.

Aniba jenmani Mez – *Mori, S.A., et al.* 19171 (det.: Werff, H. van der 1994). – Guyana, Surinam, new to French Guiana.

A. williamsii O.C. Schmidt – *Werff, H. van der & al.* 12955 (det.: Werff, H. van der 1994). – Guyana, Surinam, new to French Guiana.

Nectandra cuneato-cordata Mez – *Boom, B.M. & Mori, S.A.* 2202 (det.: Werff, H. van der 1993). – New to the Guianas.

N. hihua (Ruiz & Pavon) Rohwer – *Mori, S.A. & al.* 22733 (det.: Werff, H. van der 1994). – Guyana?, new to French Guiana.

Ocotea amazonica (Meissner) Mez – *Sabatier, D. & al.* 3593 (det.: Werff, H. van der 1992). – Confirmed for French Guiana.

O. bracteolata (Meissner) Allen – *Grenand, P.* 702; *Oldeman, R.A.A. & Sastre, C.* 35 (det.: Werff, H. van der 1993). – New to the Guianas.

O. leucoxydon (Sw.) De Lanessan – *Prévost, M.F., (& al.)* 2767, 2791 (det.: Werff, H. van der 1992). – Surinam, new to French Guiana.

O. pauciflora (Nees) Mez – *Bordenave, B.* 967 (det.: Bordenave, B. 1994). – Guyana, new to French Guiana.

O. rubrinervis Mez – *Sabatier, D. & al.* 3291 (det.: Werff, H. van der 1992). – New to the Guianas.

O. rufovestita Ducke – *Sabatier, D. & al.* 1270 (det.: Werff, H. van der 1992). – New to the Guianas.

Phoebe cinnamomifolia (Kunth) Nees – *Feuillet, C.* 452; *Granville, B.* 5482; *Mori, S.A. & al.* 15024; *Oldeman, R.A.A.* 1984, 2781, *B* 3202, 4011, 4082 (det.: Werff, H. van der 1994). – Doubtful identification according to van der Werff.

Lecythidaceae

Eschweilera alata A.C. Sm. – *Loubry, D.* 1745 (det.: Mori, S.A. 1994); *Mori, S.A. & al.* 23537 (det.: Mori, S.A. 1993). – Guyana, new to French Guiana.

- E. chartaceifolia* Mori – Larpin, D. 394 (det.: Mori, S.A. 1992); Mori, S.A. & al. 22014 (det.: Mori, S.A. 1993); Purwanto, Y. 774 (det.: Prévost, M.F. 1994). – New to the Guianas.
Lecythis alutacea (A.C. Sm.) Mori – Bena, P. 578 (det.: Mori, S.A. 1993). – Guyana, Surinam, new to French Guiana.

Loganiaceae

- Strychnos ramentifera* Ducke – Mori, S.A. & al. 22839 (det.: Brant, A.E. 1993). – Surinam, new to French Guiana.

Loranthaceae

- Psittacanthus lamprophyllus* Eichler – Cremers, G. 12335 (det.: Kuijt, J. 1993). – New to the Guianas.
P. redactus Rizzini – Larpin, D. 489 (det.: Kuijt, J. 1993). – New to the Guianas.
Struthanthus dichotrianthus Eichler – Mori, S.A. & al. 18185 (det.: Kuijt, J. 1993). – Guyana, Surinam, confirmed for French Guiana.

Malpighiaceae

- Bunchosia glandulifera* Kunth – Mori, S.A. & al. 21203A (det.: Anderson, W.R. 1993). – New to the Guianas.
Heteropterys nervosa Adr. Juss. – Hallé, F. 4056 (det.: Anderson, W.R. 1992). – Guyana, Surinam, confirmed for French Guiana.
Hiraea graciena W.R. Anderson in Brittonia 46: 126. 1994. – Mori, S.A. & al. 22751 (det.: Anderson, W.R. 1994). – New to science, endemic to French Guiana.
H. longipes W.R. Anderson in Brittonia 46: 127. 1994. – Oldeman, R.A.A. 1719, 1846 (det.: Anderson, W.R. 1994). – New to science, endemic to French Guiana and Amapa (Brazil).
H. morii W.R. Anderson in Brittonia 46: 130. 1994. – Mori, S.A. & Pipoly, J.J. 15619 (det.: Anderson, W.R. 1994). – New to science, endemic to French Guiana.
H. propinqua W.R. Anderson in Brittonia 46: 131. 1994. – Moretti, C. 696 (det.: Anderson, W.R. 1994). – New to science, endemic to French Guiana and Surinam.
Mascagnia divaricata (Kunth) Niedenzu – Feuillet, C. 17 (det.: Door, L.J. 1993). – New to the Guianas.

Malvaceae

- Abelmoschus esculentus* (L.) Moench – Hoff, M. 7149 (det.: Hoff, M. 1992). – Cultivated, new to the Guianas.
A. moschatus Medik. – Feuillet, C. 17 (det.: Door, L. J. 1993). – Cultivated, new to the Guianas.
Bastardia viscosa (L.) Kunth. – Loubry, D. 1723 (det.: Sabatier, D. 1992). – New to the Guianas.
Hibiscus acetosella Welw. ex Hieron. – Billiet & Jadin 5823 (det.: Billiet F. 1993). – New to the Guianas.
H. pernambucensis Arruda – Billiet & Jadin 1286, 4726; Cremers, G. 7776, 8733; Feuillet, C. 78, 1567; Hahn, W.J. 3527; Hoff, M. 5004; Jacquemin, H. 2142; Oldeman, R.A.A. B 750; B-C 29; 1065; Prévost, M.F. 381 (det.: Door, L.J. 1993). – Doubtful species, not in the Guianas according Jansen-Jacobs in Boggan & al. (1992).
H. rosa-sinensis L. var. *rosa-sinensis* – Fournet, A. 125; Hoff, 5094, 5095 (det.: Door, L.J. 1992–1993). – New to the Guianas, but very common and cultivated in all the Guianas.
H. sabdariffa L. – Cherubini, B. 14; Jacquemin 2241; Lescure 41 (det.: Door, L.J. 1992–1993). – Cultivated, new to the Guianas.
Pavonia schiedeana Steud. – Barrier, S. 2828 (det.: Door, L.J. 1993); Mori, S.A. & al. 22911 (det.: Door, L.J. 1994). – Guyana, Surinam, new to French Guiana (determined as *Pavonia flavispina* Miq.).

Melastomataceae

- Macrocentrum minus* Gleason – Black, G.A. & al. 54–17152 (det.: Wurdack, J.J. 1993). – Guyana, new to French Guiana.
- Miconia aplostachya* (Bonpl.) DC. – Leprieur, F.R.M. s.n. (det.: Wurdack, J.J. 1993). – Guyana, Surinam, new to French Guiana.
- M. fragrans* Cogn. – Bordenave, B. 319 (det.: Bordenave, B. 1992). – Guyana, new to French Guiana.
- M. lappacea* var. *angustifolia* Cogn. – Mori, S.A. & al. 23576 (det.: Mori, S.A. 1994). – New variety to French Guiana.
- M. pileata* DC. – Cremers, G. 13038; Granville, J.J. de & Cremers, G. 11816 (det.: Wurdack, J.J. 1993). – New to the Guianas.
- Pterolepis pumila* (Bonpl.) Cogn. – Aublet, J.B. s.n. (det.: Wurdack, J.J. 1993). – Guyana, new to French Guiana.
- Tibouchina multiflora* (Gardner) Cogn. – Hoff, M. 5365 (det.: Wurdack, J.J. 1992). – New to the Guianas.

Meliaceae

- Guarea michel-moddei* T.D. Penn. & Mori in Brittonia 45: 231. 1993. – Cremers, G. 11869, 11959; Granville, J.J. de 7749, 8821; Mori, S.A. & al. 19190, 20963, 20982; Oldeman, R.A.A. 2375; Pennington, T. & al. 12110, 12118; Prévost, M.F. 2211; Villiers, J.F. 4030 (det.: Pennington & Mori 1993). – New to science.
- Melia azedarach* L. – Le Goff, A. & Hoff, M. 162 (det.: Le Goff, A. 1992). – Cultivated in the vicinity of Sinnamary, confirmed for French Guiana.
- Trichilia lepidota* subsp. *leucastera* (Sandwith) T.D. Penn. – Prévost, M.F. & al. 4030 (det.: Pennington, T.D. 1993). – Guyana, Surinam, new to French Guiana.

Menispermaceae

- Disciphania moriorum* Barneby in Brittonia 48: 20. 1996. – Mori & al. 23980 (det.: Barneby, R.C. 1994). – New to science.
- Orthomene prancei* Barneby & Krukoff – Mori, S.A. & al. 23263 (det.: Barneby, R.C. 1994). – New to the Guianas.

Mimosaceae

- Abarema mataybifolia* (Sandwith) Barneby & Grimes – Larpin, D. 159 (det.: Grimes J. 1992); Mori, S.A. & al. 14945 (det.: Barneby, R.C. & Grimes, J. 1992); Mori, S.A. & al. 22767 (det.: Mori, S.A. 1992); Mori, S.A. & al. 23970 (det.: Barneby, R.C. 1994); Sabatier, D. & al. 4118 (det.: Sabatier, D. 1992). – Guyana, new to French Guiana.
- Adenanthera peregrina* (L.) Speg. – Serv. Forest. Guyane franç. 7941 (det.: Grimes, J. 1992). – New to the Guianas.
- Albizia niopoides* (Spruce ex Benth.) Burkart var. *niopoides* – Loubry, D. 1579 (det.: Barneby, R.C. 1992). – New to the Guianas.
- Calliandra tergemina* (L.) Benth. – Oldeman, R.A.A. & Sastre, C. 58 (det.: Grimes, J. 1992). – Doubtful, not in the Guianas according to Grimes in Boggan & al. (1992).
- Inga cylindrica* Mart. – Prévost, M.F. & al. 2288; Sabatier, D. & al. 1633 (det.: Poncy, O. 1993). – New to the Guianas.
- I. gracilifolia* Ducke – Prévost, M.F. & al. 2546; Sabatier, D. & al. 2611, 3430 (det.: Poncy, O. 1993). – Guyana, new to French Guiana.
- I. java* Pittier – Granville, J.J. de & al. 9264, 10059 (det.: Poncy, O. 1993). – New to the Guianas.
- I. pedunculata* Ducke – Mori, S.A. & al. 22023 (det.: Poncy, O. 1992). – New to the Guianas.
- I. poeppigiana* Benth. – Mori, S.A. 22177 (det.: Poncy, O. 1992). – New to the Guianas.
- I. rhynchocalyx* Sandwith – Mori, S.A. & al. 23262 (det.: Poncy, O. 1994). – Guyana, new to French Guiana.

- I. ricardorum* Bernardi & Spichiger – Fleury, M. 5431 (det.: Poncy, O. 1992). – New to the Guianas.
- Macrosamanea pubiramea* (Steud.) Barneby & Grimes var. *pubiramea* – Cowan, R.S. 38896 (det.: Grimes, J. 1992). – Confirmed for French Guiana.
- Mimosa guilandinae* var. *duckei* (Huber) Barneby – Donselaar, J. van 3258 (det.: Grimes, J. 1992). – Surinam, variety new to French Guiana.
- M. myriadenia* var. *dispersa* Barneby – Granville, J.J. de 1987 (det.: Grimes, J. 1992). – Surinam, confirmed for French Guiana.
- M. schomburgkii* Benth. – Sastre, C. & F. & Moretti, C. 4044 (det.: Grimes, J. 1992). – Guyana, new to French Guiana.
- Neptunia natans* (L. f.) Druce – Raynal-Roques, A. 19862 (det.: Grimes, J. 1992). – Guyana, Surinam, new to French Guiana.
- Pithecellobium unguis-cati* (L.) Benth. – Alexandre, D.Y. 573 (det.: Grimes, J. 1992). – Guyana, new to French Guiana, cultivated near the Piste de Saint-Elie.
- Samanea saman* (DC.) Merr. ≡ *Albizia saman* (Jacq.) F. Muell. – Leeuwenberg, A.J.M. 11691 (det.: Barneby, R.C. & Grime 1992). – Cultivated or escaped, new to the Guianas.
- Zygia inaequalis* (Humb. & Bonpl. ex Willd.) Pittier – Bordenave, B. 867 (det.: Poncy, O. 1994); Fleury, M. 742 (det.: Grimes, J. 1992); Sabatier, D. 1031 (det.: Barneby R.C. & Grimes J. 1992). – Guyana, Surinam, confirmed for French Guiana.

Moraceae

- Brosimum acutifolium* subsp. *obovatum* (Ducke) C.C. Berg – Prévost, M.F. 2780 (det.: Berg, C.C. 1992). – Guyana, new to French Guiana.
- Ficus matiziana* Dugand – Sabatier, D. & al. 3426 (det.: Berg, C.C. 1992). – New to French Guiana.

Myrtaceae

- Calyptranthes bracteata* Kawasaki & Holst in Brittonia 46: 137. 1994. – Granville, B 4400, 4464; Granville, J.J. de (& al.) 5482, 8936 (det.: Kawasaki, M.L. 1993). – New to science, endemic to French Guiana.
- Eugenia cucullata* Amshoff – Sabatier, D. & al. 2851 (det.: Holst, B.K. 1994). – Guyana, Surinam, new to French Guiana.
- E. cupulata* Amshoff – Prévost, M.F. & Grenand, P. 930; Sabatier, D. 4273 (det.: Holst, B.K. 1994). – Surinam, new to French Guiana.
- E. ferreireana* O.C. Berg – Granville, B 4385 (det.: Kawasaki, M.L. 1994). – Surinam, new to French Guiana.
- E. gongylocarpa* Kawasaki & Holst in Brittonia 46: 138. 1994. – Acevedo-Rodriguez, P. & al. 4854, 4959; Cremers, G. 4962; Gentry, A.H. & al. 63165; Granville, J.J. de (& al.) 5428, 5428 A, 8550 (det.: Kawasaki, M.L. 1993); Molino, J.F. 915 (det.: Holst, B.K. 1994); Mori S.A. & al. 8726, 14702, 15554, 18462, 19198 (det.: Kawasaki, M.L. 1993); Mori, S.A. & al. 23105 (det.: Merello, M. 1994); Oldeman, B 2074, 2074, 3286, 4167; Prévost, M.F. & al. 2982; Sabatier, D. & al. 2516, 3644, 3808 (det.: Kawasaki, M.L. 1994). – New to science, endemic to French Guiana.
- E. monticola* (Sw.) DC. – Grenand P. 2868 (det.: Grenand, P. 1992). – Guyana, Surinam, confirmed for French Guiana.
- E. tetramera* (McVaugh) Kawasaki & Holst (≡ *Campomanesia tetramera* McVaugh in Boggan & al. 1992). – Boom, B.M. & Mori, S.A. 1915, 1929; Granville, J.J. de & al. 10795, 10886; Grenand, P. 1765 (det.: Kawasaki, M.L. 1994); Mori, S.A. & al. 23329 (det.: Merello, M. 1994); Mori, S.A. & al. 19176; Sabatier, D. & al. 1186, 2149, 2327, 2834, 3214 (det.: Kawasaki, M.L. 1993–1994). – Guyana, Surinam, new to French Guiana.
- Marlierea umbraticola* (Humb., Bonpl. & Kunth) O.C. Berg – Sabatier, D. & al. 2190 (det.: Kawasaki, M.L. 1992). – New to the Guianas.
- Myrcia rupta* Kawasaki & Holst in Brittonia 46: 141. 1994. – Cremers, G. 3936, 11606;

- Feuillet, C. 101, 429, 494; Granville, B. 4270, 4410, 5390; Granville, J.J. de (& al.) 2346, 5402, 8152, 8450, 8543, 9073; Loizeau, P.A. & J. 604; Mori, S.A. & al. 8788; Oldeman, R.A.A. B. 4210 (det.: Kawasaki, M.L. 1993–1994). – New to science, endemic to French Guiana.*
- M. subsessilis* O.C. Berg – *Granville J.J. de 3327, 3379 (det.: Kawasaki, M.L. 1994). – New to the Guianas.*
- Psidium sartorianum* (O.C. Berg) Niedenzu – *Granville, J.J. de & al. 9900 (det.: Holst, B.K. 1993). – Guyana, Surinam, new to French Guiana.*

Ochnaceae

- Ouratea erecta* Sastre in Brittonia 46: 312. 1994. – *Feuillet, C. 111 (det.: Mori, S.A. 1994); Cremers, G. 4457, 5717; Feuillet, C. 865; Granville, J.J. 336, 1877, 5325, 6258, 8080; Granville, B. 5316A; Mori, S.A. & al. 21694; Oldeman, R.A.A. T. 133; Prévost, M.F. & al. 2005; Sastre C. 1336, 1405, 1497, 1710, 3928, 3954, 4078, 4435, 4810, 6876 (det.: Sastre, C. 1992–1994); Mori, S.A. & al. 22887, 22949 (det.: Mori, S.A. 1993). – New to science.*
- O. saulensis* Sastre in Brittonia 45: 333. 1993. – *Granville, J.J. de 3331; Mori, S.A. & al. 14889, 21695 (det.: Sastre C. 1992–1993). – New to science, endemic to French Guiana.*
- O. scottii* Sastre subsp. *scottii* in Brittonia 46: 309. 1994. – *Granville, J.J. de 1735; Mori, S.A. & al. 14924, 14927, 15011; Oldeman, R.A.A. B. 4130; Oldeman, R.A.A. & Sastre, C. 305; Sabatier, D. & al. 3126; Sastre, C. 1813, 3932, 4414 (det.: Sastre, C. 1992); Mori, S.A. & al. 20819 (det.: Mori, S.A. 1993). – New to science.*

Passifloraceae

- Passiflora fuchsiflora* Hemsley – *Granville, J.J. de & al. 12311 (det.: Granville J.J. de 1993). – Guyana, Surinam, doubtful for French Guiana according to C. Feuillet.*
- P. exura* Feuillet in Novon 4: 238. 1994. – *Feuillet, C. 4675 (det.: Feuillet, C. 1994). – New to science, endemic to French Guiana.*
- P. kawensis* Feuillet in Novon 4: 236. 1994. – *Feuillet, C. 4250 (det.: Feuillet, C. 1994). – New to science, endemic to French Guiana.*
- P. quadrangularis* L. – *Fleury, M. 755 (det.: Feuillet, C. 1992). – New to the Guianas.*

Phytolaccaceae

- Segueria aculeata* Jacq. – *Oldeman, R.A.A. 3120, 3151 (det.: Kallunki, J. 1992). – New to the Guianas.*

Piperaceae

- Piper nigrispicum* C. DC. – *Görts-van Rijn, A.R.A. & al. 53 (det.: Görts-van Rijn, 1992); Mori, S.A. & Gracie, C.A. 21100 (det.: Mori, S.A. 1992); Mori S.A. & al. 23951 (det.: Mori S.A. 1994). – New to the Guianas.*

Polygalaceae

- Polygala variabilis* Kunth – *Cremers, G. & al. 12866 (det.: Wurdack, J.J. 1992). – Guyana, Surinam, new to French Guiana.*

Polygonaceae

- Coccoloba ovata* Benth. – *Larpin, D. 1034 (det.: Larpin, D. 1992). – Guyana, confirmed for French Guiana.*

Rhamnaceae

- Ziziphus cinnamomum* Triana & Planchon – *Mori, S.A. & al. 23343 (det.: Mori, S.A. 1993); Mori, S.A. & al. 22662 (det.: Prévost, M.F. 1992); Zhang, S.Y. 8 bis (det.: Prévost, M.F. 1993). – Guyana, new to French Guiana.*

Rosaceae

- Prunus myrtifolia* var. *accumulans* Koehne – *Granville, B. 4646 (det.: Li, Chaoluan 1994). – Doubtful, Guiana variety not recognized in recent literature.*

Rubiaceae

- Coccocypselum hirsutum* Bartling ex DC. – Granville, J.J. de 3313 (det.: Taylor, C.M. 1993). – Guyana, new to French Guiana.
- Cosmibuena grandiflora* (Ruiz & Pavon) Rusby – Cremers, G. & Granville, J.J. de 13176; Granville, J.J. de 11745 (det.: Kew Herb. 1993). – Guyana, new to French Guiana.
- Diodia gymnocephala* (DC.) K. Schum. – Mori, S.A. & Gracie, C.A. 18396. – Doubtful for the Guianas, probably misidentified.
- D. hyssopifolia* (Willd.) Roem. & Schult. – Moretti, C. 1182 (det.: Taylor, C.M. 1993). – Guyana, new to French Guiana.
- Duroia genipoides* Hook. f. & K. Schum. – Loubry, D. 112 (det.: Prévost, M.F. 1992); Loubry, D. 1726 (det.: Sabatier, D. 1992); Sabatier, D. & al. 1972 (det.: Kew Herb. 1994); Sabatier, D. & al. 2854 (det.: Kirkbride, J.H., Jr. 1992); Zhang, S.Y. 2 (det.: Prévost, M.F. 1993). – New to French Guianas.
- Emmeorhiza umbellata* (Spreng.) K. Schum. – Cremers, G. 13134; Granville, J.J. de 6736 (det.: Taylor, C.M. 1992–1994). – Guyana, new to French Guiana.
- Gonzalagunia cornifolia* (Humb., Bonpl. & Kunth) Standl. – Granville, J.J. de & al. 7428, 7878; Sabatier D. 963 (det.: Taylor, C.M. 1992–1993). – Guyana, new to French Guiana.
- Guettarda aromatica* Poepp. & Endl. – Sabatier, D. 700 (det.: Taylor, C.M. 1993). – Guyana, Surinam, new to French Guiana.
- G. roupoulaefolia* Rusby – Granville, J.J. de 7113 (det.: Taylor, C.M. 1994). – New to the Guianas.
- G. spruceana* Müll. Arg. – Granville, J.J. de 6930 (det.: Taylor, C.M. 1993). – Surinam, new to French Guiana.
- Isertia rosea* Spruce ex K. Schum. – Billiet & Jadin 1879; Riéra, B. 993 (det.: Taylor, C.M. 1992–1993). – Confirmed for French Guiana.
- Ixora acuminatissima* Müll. Arg. – Granville, J.J. de 5260 (det.: Taylor, C.M. 1993). – New to the Guianas.
- I. intensa* K. Krause – Granville, J.J. de & al. 5800, 7355 (det.: Taylor, C.M. 1992–1993). – New to the Guianas.
- I. schomburgkiana* Benth. – Sabatier, D. 1433 (det.: Kirkbride, J.H. Jr. 1992). – Guyana, new to French Guiana.
- Manettia reclinata* L. – Granville, J.J. de & al. 8607 (det.: Taylor, C.M. 1993). – New to the Guianas.
- Palicourea corymbifera* (Müll. Arg.) Standley – Feuillet, C. 3743 (det.: Taylor, C.M. 1992). – New to the Guianas.
- P. crocea* (Sw.) Roem. & Schult. – Bordenave, B. 346 (det.: Prévost, M.F. 1992); Feuillet, C. 119; Kodjoed, J.F. 31 (det.: Taylor C.M. 1992–1993); Mori, S.A. 18500 (det.: Mori, S.A. 1993). – Guyana, new to French Guiana.
- P. marcgravei* St. Hil. – Feuillet, C. 3815; Granville, J.J. de (& al.) 6728, 7357, 7410 (det.: Taylor, C.M. 1992). – New to the Guianas.
- P. riparia* Benth. – Feuillet, C. 3816; Granville, J.J. de (& al.) 5312, 7647, 8018, 8616, 8896, 8909, 8973; Hoff, M. 6235 (det.: Taylor C.M. 1992–1993). – Doubtful, taxonomic problem, Guyana, new to French Guiana.
- Psychotria alba* Ruiz & Pavon – Oldeman, B. 1051 (det.: Hamilton C.W. 1992). – Guyana, new to French Guiana.
- P. haematocarpa* Standley – Granville, J.J. de (& al.) 6607, 7238, 7379, 7494 (det.: Taylor, C.M. 1992–1993). – New to the Guianas.
- P. irwinii* Steyermark – Mori, S.A. 8891 (det.: Hamilton, C.W. 1992). – Guyana, Surinam, new to French Guiana.
- P. pacimonica* Müll. Arg. – Foresta, H. de 705; Granville, J.J. de 7255 (det.: Taylor, C.M. 1992–1993). – New to the Guianas.
- P. remota* Benth. – Granville, J.J. de & al. 7494 (det.: Taylor, C.M. 1994). – New to the Guianas.
- P. rosea* (Benth.) Müll. Arg. – Sauvain, M. 503 (det.: Taylor, C.M. 1993). – Guyana, new to French Guiana.

- Rudgea corniculata* Benth. – Granville, J.J. de 9076 (det.: Taylor, C.M. 1994). – New to the Guianas.
- R. sandemanni* Sandwith – Granville, J.J. de (& al.) 8912, 9002, 10324 (det.: Taylor, C.M. 1994). – New to the Guianas.
- Sabicea paraensis* (K. Schum.) Wernham – Granville, J.J. de (& al.) 9145, 11795 (det.: Taylor, C.M. 1992–1994). – New to the Guianas.
- Sipanea stahelii* Bremekamp – Cremers, G. 13075 (det.: Cremers, G. 1993). – Surinam, new to French Guiana.
- Spermacoe assurgens* Ruiz & Pavon – Capus, F. 76; Descoings, B. & Luu, C. 20418 (det.: Taylor, C.M. 1992–1993). – Guyana, new to French Guiana.
- S. densiflora* (DC.) Alain (≡ *Borreria densiflora* DC., Boggan & al. 1992). – Feuillet, C. 2387, 2388 (det.: Taylor, C.M. 1993). – Guyana, new to French Guiana.
- Uncaria tomentosa* Willd. ex Roem. & Schult. – Andersson, L. & al. 2038 (det.: Andersson, L. 1994). – Guyana, Surinam, new to French Guiana.

Rutaceae

- Esenbeckia pilocarpoides* subsp. *maurioides* (Mart.) Kaastra – Bordenave, B. 313 (det.: Bordenave, B. 1992). – New to the Guianas.
- Raputia brevipedunculata* Kallunki in Brittonia 46: 283. 1994. – Oldeman, R.A.A. 2545 (det.: Kallunki 1994). – New to science.

Sabiaceae

- Ophiocaryon paradoxum* R.H. Schomb. – Sastre, C. 4704 (det.: Grimes, J. 1994). – Guyana, new to French Guiana.

Sapindaceae

- Cardiospermum halicacabum* L. – Billiet & Jadin 4522 (det.: Acevedo-Rodriguez P. 1992). – Guyane, Surinam, new to French Guiana.
- Cupania hispida* Radlk. – Granville, J.J. de 3811 (det.: Acevedo-Rodriguez, P. 1992). – New to the Guianas.
- C. lachnocarpa* Radlk. – Sabatier, D. 248 (det.: Acevedo-Rodriguez P. 1992). – New to the Guianas.
- Dodonaea viscosa* (L.) Jacq. – Billiet & Jadin 4729 (det.: Acevedo-Rodriguez, P. 1992); Bordenave, B. 143 (det.: Hoff, M. 1992); Le Goff, A. 143, 196 (det.: Le Goff, A. 1992). – Guyana, Surinam, confirmed for French Guiana.
- Matayba elegans* Radlk. – Fleury, M. 377 (det.: Acevedo-Rodriguez P. 1992). – New to the Guianas.
- M. inelegans* Spruce ex Radlk. – Feuillet, C. 1108; Oldeman, R.A.A. B 2640; Sabatier, D. & al. 2587 (det.: Acevedo-Rodriguez, P. 1992). – Guyana, new to French Guiana.
- M. oligandra* Sandwith – Mori, S.A. & al. 17937 (det.: Acevedo-Rodriguez, P. 1992). – Guyana, new to French Guiana.
- M. purgans* Radlk. – Granville, B. 4367, 4652; Oldeman, R.A.A. B. 4350 (det.: Acevedo-Rodriguez, P. 1992). – Guyana, new to French Guiana.
- Paullinia rubiginosa* Cambess. – Marshall, N. & Rombold, J. 160 (det.: Acevedo-Rodriguez, P. 1993). – New to the Guianas.
- Porocystis toulicioides* Radlk. – Barrier, S. 3833 (det.: Acevedo-Rodriguez, P. 1992). – Guyana, new to French Guiana.
- Serjania membranacea* Splitgerber – Billiet & Jadin 4389; Prévost, M.F. 1523 (det.: Acevedo-Rodriguez, P. 1992). – Guyana, Surinam, new to French Guiana.
- Talisia acuminata* Radlk. – Riéra, B. 812 (det.: Acevedo-Rodriguez, P. 1992). – New to the Guianas.
- T. eximia* Kramer – Acevedo-Rodriguez, P. & al. 4967 (det.: Acevedo-Rodriguez, P. 1992). – Surinam, new to French Guiana.

- T. hexaphylla* Vahl – Purwanto, Y. 51 (det.: Purwanto, Y. 1994); Riéra, B. & Sabatier, D. 1890; Sabatier, D. & al. 2949, 3607 (det.: Acevedo-Rodriguez, P. 1992–1993). – Guyana, new to French Guiana.
- T. microphylla* Uittien – Purwanto, Y. 506 (det.: Prévost, M.F. 1994); Prévost & al. 3283; Sabatier D. & al. 1368, 2415, 3843 (det.: Acevedo-Rodriguez, P. 1992–1993). – Surinam, new to French Guiana.
- Thinouia myriantha* Triana & Planchon – Acevedo-Rodriguez, P. & al. 4985; Grenand P. 1469 (det.: Acevedo-Rodriguez, P. 1992). – Guyana, confirmed for French Guiana.
- Urvillea ulmacea* Kunth – Grenand, P. 504 (det.: Acevedo-Rodriguez, P. 1992). – Guyana, confirmed for French Guiana.

Sapotaceae

- Chrysophyllum sparsiflorum* Klotzsch ex Miq. – Feuillet, C. 3936 (det.: Pennington, T.D. 1993). – Guyana, new to French Guiana.
- Diploon cuspidatum* (Hoehne) Cronquist – Pennington, T.D. & al. 13843 (det.: Pennington, T.D. 1993). – Guyana, new to French Guiana.
- Micropholis submarginalis* Pires & T.D. Penn. – Pennington, T.D. & al. 13858 (det.: Pennington, T. D. 1993). – New to the Guianas.
- Pouteria cicatricata* T.D. Penn. – Purwanto, Y. 1018 (det.: Prévost, M. F. 1994); Sabatier, D. & al. 1302 (Pennington, T. D. 1993). – New to the Guianas.
- P. congestifolia* Pilz – Barrier, S. 4163 (det.: Pennington, T.D. 1993); Purwanto, Y. 665 (det.: Prévost, M.F. 1994); Sabatier, D. & Riéra, B. 2031 (det.: Werff, H. van der 1993). – New to the Guianas.
- P. fimbriata* Baehni – Riéra, B. & Sabatier, D. 1308 (det.: Pennington, T.D. 1993). – Guyana, new to French Guiana.
- P. franciscana* Baehni – Sabatier, D. & al. 1637, 2368 (det.: Pennington, T.D. 1992–1993). – Doubtful, not in Guiana according to Boggan & al. 1992).
- P. putamen-ovi* T.D. Penn. – Sabatier, D. & al. 3407 (det.: Pennington, T.D. 1993). – New to the Guianas.

Simaroubaceae

- Picramnia guianensis* (Aubl.) Jans.-Jac. – Larpin, D. 611 (det.: Larpin, D. 1992). – Confirmed for French Guiana.
- Simaba morettii* Feuillet in Candollea 38: 746. 1983. – Moretti, C. 1027 (det.: Feuillet, C. 1983); Purwanto, Y. 1029 (det.: Prévost M.F. 1994); Sabatier, D. & al. 3815 (det.: Thomas, W. 1992). – New to science, probably forgotten by Boggan & al. (1992); endemic to French Guiana.
- S. polyphylla* (Cavalcante) W. Thomas – Sabatier, D. & al. 1381 (det.: Thomas W. 1992). – New to the Guianas.

Solanaceae

- Solanum morii* Knapp in Brittonia 44: 61. 1992. – Foresta, H. de 666; Granville, J.J. de (& al.) 7446, 8120, 8629; Marshall & Rombold 236, Mori, S.A. & al. 8702, 8762; Prévost, M.F. 1613, 1815; Skog & al. 7143, 7187 (det.: Knapp 1992). – New to science.
- S. vanheurckii* Müll. Arg. – Prévost, M.F. & Grenand, P. 961 (det.: Nee, M. 1993). – New to the Guianas.

Verbenaceae

- Petrea macrostachya* Benth. – Cremers, G. 4302 (det.: Rueda, R. 1993). – Guyana, Surinam, confirmed for French Guiana.
- P. volubilis* L. s. l. – Hoff, M. 6973 (det.: Cremers, G. 1992). – Doubtful, not in the Guianas according to Jansen-Jacobs in Boggan & al. (1992), probably belongs to *Petrea kohautiana* C. Presl, according to R. Rueda (in herbarium CAY).

Vitaceae

- Cissus guyanensis* Desc. in Bull. Soc. Bot. France, Lett. Bot. 138: 249. 1991. – *Descoings, B. & Luu, C. 20405; Garnier, 9; Granville, J.J. de 7277; Prévost, M.F. 1149* (det.: Descoings, B. 1991). – New to science, endemic to French Guiana.
- C. haematantha* Miq. – *Cremers, G. 7840; Descoings, B. & Luu, C. 20413; Feuillet, C. 1461, 2374; Jacquemin, H. 1605; Oldeman, R.A.A. B 1429; Raynal-Roques, A. 20084; Wachenheim 490* (det.: Descoings, B. 1995). – Surinam, new to French Guiana.
- C. surinamensis* Desc. in Bull. Soc. Bot. France, Lett. Bot. 138: 252. 1991. – *Barrier, S. 2753* (det.: Descoings, B. 1991). – Surinam, new to science. The French Guiana specimen is doubtful, probably too young.

Vochysiaceae

- Qualea amapaensis* Balslev & Mori – *Prévost, M.F. 2755* (det.: Kawasaki, M.L. 1991). – New to the Guianas.
- Q. mori-boomii* Marciano-Berti in Pittieria 18: 5. 1989. – *Mori, S.A. & Boom, B.M. 15225* (det.: Marciano-Berti 1989). – New to science.

Monocotyledoneae**Agavaceae**

- Sansevieria trifasciata* Prain – *Riéra, B. 1430* (det.: Robinson, H.E. 1992). – Cultivated, very common near the dwellings; new to the Guianas.

Araceae

- Anthurium pentaphyllum* var. *digitatum* (Jacq.) Madison (≡ *Anthurium digitatum* (Jacq.) D. Don) – *Poncy, O. 13* (det.: Croat, T.B. 1992). – Guyana, new to French Guiana.
- A. solitarium* (Vell.) Schott – *Granville, J.J. de (& al.) 12184; 12598* (det.: Granville, J.J. de 1993–1994). – Doubtful, not in the Guianas according to Croat in Boggan & al. (1992).
- Philodendron billietae* Croat in Novon 5: 24. 1995. – *Billiet, F. & Jadin, B. 4600, 4714, 5740; Cremers, G. (& al.) 11683, 12718, 12723; Croat 74230, 74321, 74335, 76441; Granville, J.J. de 11833; Prévost, M.F. 17397* (det.: Croat, T.B. 1993–1995). – New to science.
- Ph. cremersii* Croat & Grayum in Novon 4: 211. 1994. – *Cremers, G. 9828; Granville, J.J. de 6700* (det.: Croat, T.B. 1994). – New to science, endemic for French Guiana.
- Ph. duckei* Croat & Grayum in Novon 4: 213. 1994. – *Cremers, G. 12988* (det.: Croat T.B. 1994). – New to science.
- Ph. guianense* Croat & Grayum in Novon 4: 215. 1994. – *Mori, S.A. & al. 23324* (det.: Croat, T.B. 1994). – New to science.
- Ph. guttiferum* Kunth – *Bordenave, B. 454* (det.: Prévost, M.F. 1992); *Bordenave, B. 577* (det.: Blanc, P. 1994); *Bordenave, B. 757 A* (det.: Bordenave, B. 1994); *Purwanto, Y. 530* (det.: Purwanto, Y. 1994). – Doubtful, not in the Guianas according to Croat in Boggan & al. (1992).
- Ph. riedelianum* Schott – *Billiet & Jadin 5738* (det.: Billiet, F. 1993); *Billiet & Jadin 5790; Mori, S.A. & al. 22845* (det.: Croat, T.B. 1993–1994). – New to the Guianas.
- Ph. wittianum* Engl. – *Croat, T.B. 74173; Mori, S.A. & al. 22830* (det.: Croat, T.B. 1993). – New to the Guianas.
- Rhodospatha oblongata* Poepp. – *Bordenave, B. 663 B* (det.: Blanc, P. 1994); *Croat, T.B. 74182, 74274; Oldeman, R.A.A. 2761* (det.: Croat, T.B. 1993–1994). – Guyana, Surinam, new to French Guiana.
- Syngonium angustatum* Schott – *Cremers, G. 12716* (det.: Croat, T.B. 1993). – New to the Guianas.
- Xanthosoma granvillei* Croat & Thomps. in Novon 5: 26. 1995. – *Billiet, F. & al. 4424; Cremers, G. 6184, 12728, 12968, 13031; Croat, T. 74131, 74283; Feuillet, C. 548; Granville, J.J. de 345, 2410, 4480, 4486, 5420, 5531, 8608, 8837, 9042, 10482, 10649; Hoff, M. 6475, 6585; Mori, S.A. & al. 15575, 18865, 18935, 21083, 22194; Oldeman, R.A.A. B 450; Prévost, M.F. 1798, 2503* (det.: Croat, T. & Thompson 1995). – New to science, endemic to French Guiana.

Arecaceae

- Astrocaryum gynacanthum* Mart. – Bordenave, B. 552 B (det.: Granville, J.J. de 1993); Bordenave, B. 716 (det.: Granville, J.J. de 1994); Cremers, G. 7966 (det.: Kahn, B. 1992); Cremers, G. 11578 (det.: Granville, J.J. de 1992). – Guyana, new to French Guiana.
- Bactris floccosa* Spruce – Granville, J.J. de & al. 11991 (det.: Granville, J.J. de 1993). – New to the Guianas.
- B. geonomoides* Drude – Granville, J.J. de & al. 11992 (det.: Granville, J.J. de 1993); Granville, J.J. de 12630 (det.: Granville, J.J. de 1994); Hoff, M. 6804 (det.: Granville, J.J. de 1992). – New to the Guianas.
- Geonoma arundinacea* Mart. – Granville, J.J. de 4803 (det.: Read, R.W. 1993). – New to the Guianas.
- G. fusca* Wess. Boer – Granville, J.J. de 4285 (det.: Read, R.W. 1993). – Guyana, new to French Guiana.
- Scheelea macrolepis* Burret – Grenand, P. 1249 (det.: Granville, J.J. de 1992). – New to the Guianas.

Bromeliaceae

- Ananas nanus* (L.B. Sm.) L.B. Sm. – Larpin, D. 756 (det.: Larpin, D. 1992). – (≡ *Ananas ananassoides* var. *nanus* L.B. Sm. = *Ananas ananassoides* (Baker) L.B. Sm.). – Doubtful taxon.

Burmanniaceae

- Burmattia flava* Mart. – Riéra, B. 1159 (det.: Maas, P.J.M. 1992). – Guyana, Surinam, new to French Guiana.

Commelinaceae

- Murdannia nudiflora* (L.) Brenan – Cremers, G. 13028 (det.: Cremers, G. 1993). – Surinam, new to French Guiana.

Cyclanthaceae

- Stelestylis surinamensis* Harling – Cremers, G. 12297, 13063; Granville, J.J. de 4099, 4316; Larpin, D. 491, 902; Oldeman, R.A.A. B 2612; Sarthou, C. 247; Villiers, J.F. 4047 (det.: Blanc, P. 1993). – Surinam, new to French Guiana.

Cyperaceae

- Cyperus hermaphroditus* (Jacq.) Standley – Cited by Lemée (1955: 171) as *Mariscus tovarii* Kunth) – Guyana, confirmed for French Guiana.
- Lagenocarpus guianensis* Nees – Hoff, M. & Cremers, G. 5689 (det.: Thomas W. 1994). – Guyana, Surinam, new to French Guiana.
- Rhynchospora amazonica* subsp. *guianensis* (Kük.) T. Koyama (= *Ephippiorhynchium longirostre* Nees) – Chapuis, J. 39 (det.: Granville J.J. de 1994). – Guyana, confirmed for French Guiana.
- Scleria macrogyne* C.B. Clarke – Cremers, G. & Petronelli, P. 11733 (det.: Goetghebeur, P. 1993). – Guyana, Surinam, new to French Guiana.
- S. tepuiensis* Core – Granville, J.J. de 3363; Mori, S.A. & al. 23241 (det.: Thomas, W. 1994). – Guyana, new to French Guiana.
- S. triquetra* M.T. Strong in Novon 4: 300. 1994. – Granville, J.J. de 9777 (det.: Strong M.T. 1994). – New to science.

Heliconiaceae

- Heliconia marginata* (Griggs) Pittier – Mori, S.A. & al. 23811 (det.: Gracie, C.A. 1994). – Guyana, Surinam, new to French Guiana.

Marantaceae

- Calathea masiorum* Kennedy in Brittonia 47: 156. 1995. – Mori, S. A. & al. 22909 (det.: Kennedy, H. 1994); Mori S.A. & al. 23836, 23904 (det.: Mori, S. A. 1994). – New to science.

- C. mansonis* Körn. – *Cremers, G. 7555; Granville, J. J. de 344; Oldeman, R.A.A. 2759* (det.: Andersson, L. 1993). – Surinam, confirmed for French Guiana.
- C. microcephala* (Poepp. & Endl.) Körn. (probably = *Calathea micans* (Mathieu) Körnicke, according to *Cremers & Hoff 1994*). – *Cremers, G. & al. 13011* (det.: Granville, J.J. de 1993); *Fleury, M. 892* (det.: Andersson, L. 1992); *Granville, J.J. de 11662* (det.: Granville, J.J. de 1992). – Confirmed for French Guiana.
- C. propinqua* (Poepp. & Endl.) Körn. – *Billiet & Jadin 5789* (det.: *Cremers, G. 1993*); *Cremers, G. (et al.) 6721, 11987* (det.: Andersson, L. 1992–1993); *Granville, B 4431* (det.: Mori, S.A. 1992); *Granville, J.J. de & al. 11821* (det.: Granville, J.J. de 1993); *Maas, P.J.M. & al. 2205* (det.: Maas, P.J.M. 1992). – Guyana, Surinam, new to but common in French Guiana.
- C. zingiberina* Körn. – *Granville, J.J. de 5419* (det.: Andersson, L. 1993). – Guyana, Surinam, confirmed for French Guiana.
- Maranta divaricata* Roscoe – *Granville, J.J. de & al. 12166* (det.: Granville, J.J. de 1993). – Doubtful, not in Guiana according to Kennedy in *Boggan & al. 1992*, probably *Maranta rupicola* L. Andersson.

Orchidaceae

- Cryptarrhena lunata* R. Br. – *Ek, R.C. & Montfoort, D. 119* (det.: Christenson, E.A. 1993). – Confirmed for French Guiana.
- Dichaea muricata* (Sw.) Lindl. – *Ek, R.C. & Montfoort, D. 144; Mori, S.A. & al. 21041* (det.: Christenson, E.A. 1992–1993). – Doubtful, rejected name according to Christenson in *Boggan & al. (1992)*.
- Encyclia fragrans* var. *aemula* (Lindl.) Dressler – *Ek, R.C. & Montfoort, D. 72* (det.: Christenson, E.A. 1993). – New to French Guiana.
- Epidendrum aristatum* Hook. – *Feuillet, C. & al. 10130* (det.: Christenson, E.A. 1992). – New to the Guianas, but probably numbering error, *Feuillet C. & al. 10130* is a *Melastomataceae*.
- E. ecostatum* Pabst – *Determann, R.O. 119; Granville, J.J. de & al. 7815* (det.: Christenson, E.A. 1993). – New to the Guianas.
- E. oldemanii* Christenson in *Brittonia* 46: 54. 1994. – *Mori, S.A. & al. 22345, 22915* (det.: Christenson, E.A. 1993). – New to science.
- E. unguiculatum* (C. Schweinf.) Garay & Dunst. – *Cremers, G. 6492, 13027; Determann, R.O. 73; Granville, J.J. de, 1655, 1865* (det.: Christenson, E.A. 1993); *Granville, J.J. de 2218* (det.: Leonard, E.C. 1993); *Granville, J.J. de (& al.) 5431, 7572, 8871; Jacquemin, H. 1577, 1822; Lescure, J.P. 167; Moretti, C. 505; Mori, S.A. 20999; Sastre C. 4393; Veyret, Y. 1415* (det.: Christenson, E.A. 1993). – Surinam, new to French Guiana.
- Gongora pleiochroma* Reichenb. f. – *Mori, S.A. 20994* (det.: Christenson, E.A. 1992). – Guyana, new to French Guiana.
- Koellensteinia hyacinthoides* Schlecht. – *Granville, J.J. de 11634* (det.: Moonen, J. 1992). – Surinam, new to French Guiana.
- Maxillaria brachybulbon* Schlecht. – *Mori, S.A. & al. 22309* (det.: Christenson, E.A. 1992). – New to the Guianas.
- M. porrecta* Lindl. – *Granville, J.J. de & al. 10744* (det.: Carnevali, G. 1994). – Guyana, new to French Guiana.
- Pelexia delicatula* Szlach. & Veyret in *Fragm. Florist. Geobot.* 39: 471. 1994. – *Oldeman, R.A.A. 2785* (det.: Szlachetko, D.L. & Veyret, Y. 1994). – New to science, endemic to French Guiana.
- Pleurothallis archidiaconi* Ames – *Cremers, G. 12758* (det.: Luer, C.A. 1993); *Mori, S.A. & al. 23131* (det.: Christenson, E.A. 1994). – New to the Guianas.
- P. barthelemyi* C.A. Luer in *Bull. Mus. Natl. Hist. Nat., B, Adansonia* 16: 231. 1995. – *Luer, C.A. & al. 12241* (det.: Luer, C.A. 1994–1995). – New to science, endemic to French Guiana.
- P. breviscapa* C. Schweinf. – *Cremers, G. 13087* (det.: Luer, C.A. 1993). – Guyana, new to French Guiana.

- Sarcoglottis degranvillei* Szlach. & Veyret in *Fragm. Florist. Geobot.* 39: 473. 1994. – *Granville, J.J. de 2437; Sagot, P.A. 1021* (det.: Szlachetko, D.L. & Veyret, Y. 1994). – New to science, endemic to French Guiana.
- Schomburgkia marginata* Lindl. – *Granville, J.J. de & al. 9813* (det.: Christenson, E.A. 1992); *Mori, S.A. & al. 21627* (det.: Christenson, E.A. 1993); *Granville, J.J. de 12591* (det.: Granville, J.J. de 1994). – Guyana, Surinam, new to French Guiana.
- Sobralia fimbriata* Poepp. & Endl. – *Determann, R.O. 126* (det.: Christenson, E.A. 1993). – Surinam, new for French Guiana.
- Vanilla barrereana* Szlach. & Veyret in *Bull. Mus. Natl. Hist. Nat., B, Adansonia* 16: 220. 1995. – *Cremers 4523* (det.: Szlachetko, D.L. & Veyret, Y. 1994). – New to science, endemic to French Guiana.
- V. pompona* Schiede – *Cremers, G. & al. 13016* (det.: Christenson E.A. 1994). – Guyana, Surinam, confirmed for French Guiana.
- V. porteresiana* Szlach. & Veyret in *Bull. Mus. Natl. Hist. Nat., B, Adansonia* 16: 219. 1995. – *Oldeman, R.A.A. 2087* (det.: Szlachetko, D.L. & Veyret, Y. 1994). – New to science, endemic to French Guiana.

Poaceae

- Digitaria bicornis* (Lam.) Roem. & Schult. – *Albertini, S. 91* (det.: Albertini S. 1994). – Doubtful according to Judziewicz (1990), probably *D. ciliaris* (Retz.) Koeler or *D. nuda* Schumach.
- Paspalum distichum* L. – *Cremers, G. 7110* (det.: Gouda, E.J. 1994); *Le Goff, A. 176* (det.: Le Goff, A. 1992). – Guyana, Surinam, new to French Guiana.
- Phyllostachys bambusoides* Siebold & Zucc. – *Mori, S.A. & al. 22709* (det.: Prance, G.T. 1993). – Doubtful, cultivated or misidentification?
- Tripsacum andersonii* J.R. Gray – *Mori, S.A. & Gracie, C.A. 18423* (det.: Judziewicz, E.J. 1993). – New to the Guianas, omitted by Boggan & al. (1992).

Rapateaceae

- Rapatea saülensis* B.M. Boom in *Brittonia* 46: 314. 1994. – *Cremers, G. & al. 12998* (det.: Boom, B.M. 1994). – New to science, endemic to French Guiana.
- Spathanthus unilateralis* var. *jenmani* (N.E. Br.) Maguire – *Granville, J.J. de 12540* (det.: Granville, J.J. de 1994). – Guyana, new to French Guiana.

Smilacaceae

- Smilax saülensis* J.D. Mitchell in *Brittonia* 46: 225. 1994. – *Irwin 48597; Mori, S.A. 18594* (det.: Mitchell, J.D. 1994). – New to science, endemic to French Guiana.

Acknowledgements

The authors thank all the specialists who have sent their new determinations, in particular Dr Scott A. Mori as far as the Saül area is concerned and the whole team of the “Flora of the Guianas” and the department “Biological Diversity of the Guianas”, Smithsonian Institution. To Mme Catherine Vollmer the authors are grateful for the English translation.

References

- Berg, C. C. 1992: Flora of the Guianas, Ser. A, 11: *Ulmaceae, Moraceae, Cecropiaceae, Urticaceae, Casuarinaceae*. – Koenigstein.
- Boggan, J., Funk, V., Kelloff, C., Hoff, M., Cremers, G. & Feuillet, C. 1992: Checklist of the plants of the Guianas (Guyana, Surinam, French Guiana). – Washington.
- Cowan, R. S. & Lindeman, J. C. 1989: Flora of the Guianas, Ser. A, 7: *Caesalpiniaceae* p.p. – Koenigstein.

- Cremers, G. 1984: L'herbier du Centre ORSTOM de Cayenne (CAY) a 25 ans. – *Taxon* **33**: 428–432.
- & Hoff, M. 1990: Inventaire taxonomique des plantes de la Guyane française. I. Les Ptéridophytes. – *Inventaire de Faune & de Flore. Muséum national d'Histoire naturelle, Paris* **54**.
- & — 1992, 1993, 1994: Inventaire taxonomique des plantes de la Guyane française. II. Les *Orchidaceae*, III. Les *Cyperaceae* & les *Poaceae*, IV. Les Monocotylédones (*Orchidaceae*, *Cyperaceae*, *Poaceae* exclus). – *Collection Patrimoines Naturels, Série Patrimoine Génétique, Muséum national d'Histoire naturelle, Paris* **7, 11, 17**.
- Granville, J. J. de & Hoff, M. 1994: Liste des espèces endémiques de Guyane. – *Collection Patrimoines Naturels, Série Patrimoine Génétique, Muséum national d'Histoire naturelle, Paris* **18**.
- Descouings, B. 1991: Contribution à l'étude des Vitacées d'Amérique tropicale: deux *Cissus* nouveaux des Guyanes. – *Bull. Soc. Bot. France, Lett. Bot.* **138**: 249–256.
- 1994: Contribution à l'étude des Vitacées d'Amérique tropicale. II – *Cissus haematantha* Miq. – *Acta Bot. Gallica* **141**: 361–366.
- Grimes, J.W. 1996: *Mimosaceae*. Flora of the Guianas, (in press).
- Hoff, M., Cremers, G., Feuillet, C. & Granville, J. J. de 1989: La Banque de Données "AUBLET" de l'Herbier du Centre ORSTOM de Cayenne (CAY). – *Bull. Jard. Bot. Nat. Belg.* **59**: 171–178.
- (in press) La connaissance d'une flore: Qui a récolté quoi en Guyane française depuis-Aublet? – *Acta Bot. Gallica*.
- Jansen-Jacobs, M. J. 1988: Flora of the Guianas, Ser. A, 4: 148. *Verbenaceae*. – Koenigstein.
- Judziewicz, E. 1990: Flora of the Guianas, Ser. A, 8: 187. *Poaceae*. – Koenigstein.
- Lemée, A. 1955: Flore de la Guyane française **1**. – Paris.
- Leuenberger, B. 1987: A preliminary list of *Cactaceae* from the Guianas and recommendations for future collecting and preparation of specimen. – *Willdenowia* **16**: 497–510.
- Maas, P. J. M. 1985: Flora of the Guianas, Ser. A, 1: 192. *Musaceae* (190. *Strelitziaceae*, 191. *Heliconiaceae*), 193. *Zingiberaceae* (194. *Costaceae*), 195. *Cannaceae*. – Koenigstein.
- & — Maas-van de Kamer, H. 1989: Flora of the Guianas, Ser. A, 6: 206. *Burmanniaceae*. – Koenigstein.
- Mori, S. A. & Prance, G. T. 1993: Flora of the Guianas, Ser. A, 12: 52. *Lecythidaceae*. – Koenigstein.
- Poncy, O. 1985: Le genre *Inga* (Légumineuses, *Mimosoideae*) en Guyane française. Systématique, morphologie des formes juvéniles, écologie. *Studies on the flora of the Guianas* n° 13. – *Mém. Mus. Natl. Hist. Nat., B, Bot.* **31**.
- Prance, G. T. 1986: Flora of the Guianas, Ser. A, 2: 85. *Chrysobalanaceae*. – Koenigstein.
- Wurdack, J. J., Morley, T. & Renner, S., 1993: Flora of the Guianas, Ser. A, 13: *Melastomataceae*. – Koenigstein.

Addresses of the authors:

- M. Hoff, ORSTOM, Service du Patrimoine Naturel, Institut d'Ecologie et de Gestion de la Biodiversité (I.E.G.B.), Muséum national d'Histoire naturelle, 57 rue Cuvier, F-75005 Paris, France.
- G. Cremers, Herbier, Centre ORSTOM de Cayenne, B.P. 165, F-97323 Cayenne cedex, France.
- J. Boggan, Biological Diversity of the Guianas, Department of Botany, National Museum of Natural History, Smithsonian Institution, Washington, D.C. 20560, U.S.A.