

PLANT DIVERSITY OF THE IWOKRAMA FOREST, GUYANA

H.D. CLARKE, V.A. FUNK AND T. HOLLOWELL

*Using Checklists and
Collecting Data to
Investigate Plant Diversity. I:
A Comparative Checklist of
the Plant Diversity of the
Iwokrama Forest, Guyana*



PLANT DIVERSITY OF THE IWOKRAMA FOREST, GUYANA

H.D. CLARKE, V.A. FUNK AND T. HOLLOWELL

*Using checklists and collections data to investigate
plant diversity. I: A comparative checklist of the*

PLANT DIVERSITY OF THE IWOKRAMA FOREST, GUYANA

H.D. CLARKE, V.A. FUNK AND T. HOLLOWELL



ISSN 0833-1475
ISBN 1-889878-07-3

SIDA, BOTANICAL MISCELLANY NO. 21
FOUNDED BY
WM. F. MAHLER AND BARNEY L. LIPSCOMB, 1987
EDITOR: BARNEY L. LIPSCOMB
BOTANICAL RESEARCH INSTITUTE OF TEXAS
509 PECAN STREET
FORT WORTH, TEXAS 76102-4060 USA
CONTRIBUTING SPANISH EDITOR: FÉLIX LLAMAS
DPT. BIOLOGÍA VEGETAL, UNIVERSIDAD DE LEÓN
CAMPUS DE VEGAZANA S/N, 24071 LEÓN, SPAIN
COVER DESIGN: LINNY HEAGY

*USING CHECKLISTS AND COLLECTIONS DATA TO INVESTIGATE PLANT DIVERSITY. I:
A COMPARATIVE CHECKLIST OF THE PLANT DIVERSITY OF THE IWOKRAMA FOREST, GUYANA*

COVER PHOTOGRAPHS: THE HIGHEST PEAK IN THE IWOKRAMA MOUNTAINS (UNNAMED), ELEVATION 1000 METERS.
INSET PHOTOGRAPH: *CATTELYA VIOLACEA* (KUNTH) ROLFE

PLANT DIVERSITY OF THE IWOKRAMA FOREST, GUYANA
IS PUBLISHED WITH THE SUPPORT OF:
BOTANICAL RESEARCH INSTITUTE OF TEXAS
AND NATIONAL MUSEUM OF NATURAL HISTORY

DISTRIBUTION OF COPIES BY:
BOTANICAL RESEARCH INSTITUTE OF TEXAS
509 PECAN STREET
FORT WORTH, TEXAS 76102-4060
TELEPHONE: 1 817 332-4441
FAX: 1 817 332-4112
WWW.BRIT.ORG/SIDA
EMAIL: SIDA@BRIT.ORG



BRIT

SIDA, BOTANICAL MISCELLANY, NO. 21
15 May 2001
© COPYRIGHT 2001 BY
BOTANICAL RESEARCH INSTITUTE OF TEXAS
PRINTED IN THE UNITED STATES OF AMERICA

TABLE OF CONTENTS

ABSTRACT / RESUMEN / INTRODUCTION / THE IWOKRAMA FOREST	1
PLANT COLLECTING	4
EXPEDITIONS	6
RESULTS	12
ECOLOGY AND HABITATS	
<i>Regional Context / Mora Forest / Forests Along the Lower Essequibo</i>	15
<i>Forests Along the Upper Essequibo / Iwokrama Mountains</i>	16
<i>Forests North of the Kurupukari–Annai Road</i>	17
<i>Pakutau Hills, Turtle Mountain, and Sandstone</i> / CONCLUSION	18
ACKNOWLEDGMENTS / REFERENCES	19
APPENDIX 1	
<i>Checklist of Plant Species from Iwokrama and Four Other Sites in Northeast South America</i>	20
APPENDIX 2	
<i>Iwokrama Plant Collections</i>	61
APPENDIX 3	
<i>List of Ranks of Species Richness by Family for Iwokrama, Four Other Sites in NE S. America, and the Guianas Overall</i>	79
APPENDIX 4	
<i>Specialists Contributing Determinations of Iwokrama Specimens</i>	84



Top photo / Daniel Allcock collecting plants in the Gorge in the Iwokrama Mountains.

Bottom photo / *Victoria amazonica* (Poepp.) Sowerby

USING CHECKLISTS AND COLLECTIONS DATA TO INVESTIGATE PLANT DIVERSITY. I: A COMPARATIVE CHECKLIST OF THE PLANT DIVERSITY OF THE IWOKRAMA FOREST, GUYANA

H.D. CLARKE

*Department of Biology
University of North Carolina at Asheville
Asheville, NC 28804, U.S.A.*

V.A. FUNK and T. HOLLOWELL

*Biological Diversity of the Guianas Program
Department of Botany MRC 166
National Museum of Natural History
Smithsonian Institution
Washington, DC 20560, U.S.A.*

ABSTRACT

Results are presented from a floristic inventory of the 360,000-hectare Iwokrama Forest (formally, The Iwokrama International Centre for Rain Forest Conservation and Development) in central Guyana. The collecting efforts, which resulted in 3887 collections, are described as are the ecology and habitats of the study site. Descriptive data extracted from the results are presented regarding patterns of diversity of the 147 families, 579 genera, and 1251 species that constitute the known flora of the Iwokrama Forest in comparison to four other floras of areas of restricted size (10,000–240,000 hectares) in the Guianas and northeastern Brazil. The actual number of species in the flora is estimated to be perhaps 50% greater than the known flora based on comparisons to the other floras in the region and the fact that almost half of the species are known from only single collections. The combined checklist of 4659 species is presented as an appendix.

RESUMEN

Se presentan los resultados de un inventario florístico del Iwokrama Forest de 360.000 Ha (previamente, The Iwokrama International Centre for Rain Forest Conservation and Development) en la Guyana central. Se describen los esfuerzos en el muestreo, que dieron como resultado 3887 muestras, así como la ecología y hábitats del lugar de estudio. Los datos descriptivos extraídos de los resultados se presentan siguiendo los patrones de diversidad en 147 familias, 579 géneros, y 1251 especies que constituyen la flora conocida del Iwokrama Forest en comparación con otras cuatro floras de áreas de pequeño tamaño (10,000–240,000 Ha) en las Guayanas y noreste de Brasil. El número actual de especies en la flora se estima que sea quizás un 50% mayor que la conocida, basándonos en comparaciones con otras floras de la región y en el hecho que casi la mitad de las especies se conocen sólo de una colección. El catálogo combinado de 4659 especies se presenta como un apéndice.

INTRODUCTION

Intensive plant collecting by the Smithsonian Institution as part of the inventory of the biological diversity of the Iwokrama Forest in central Guyana affords an opportunity to present floristic data for a diverse, low-elevation rainforest in a very poorly known area. Under the “Basic Rainforest Science” objective of the Iwokrama Site Resource Survey (Hawkes & Wall 1993) the Smithsonian Institution’s Biological Diversity of the Guianas Program was contracted to do a floristic inventory of the 360,000 hectare Iwokrama Forest (formally, the Iwokrama International Centre for Rain Forest Conservation and Development). The present work constitutes a summary of the floristic inventory; the inclusion of associated data from Iwokrama itself as well as comparative data from four other similar floristic inventories in nearby areas of northeastern South America helps to place the study in a more meaningful context. A combined checklist of all five florulas will prove useful for those working with the plant diversity of the Guiana Shield and adjacent Amazonia. A quantitative analysis of the descriptive floristic analysis is presented as a separate paper (Clarke & Funk, submitted).

THE IWOKRAMA FOREST

The Forest is located in central Guyana within administrative Region No. 8 (Potaro-Siparuni; Fig. 1). It lies to the north and east of the Annai Amerindian District with the village of Surama lying immediately southwest of the boundary and is centered around 4° 30'N, 58° 50'W. The exact boundaries are set out in the Iwokrama Rain Forest Programme Synopsis (Guyana Inter-Agency Committee 1992). It is bordered on the northeast by the Essequibo River, on the northwest

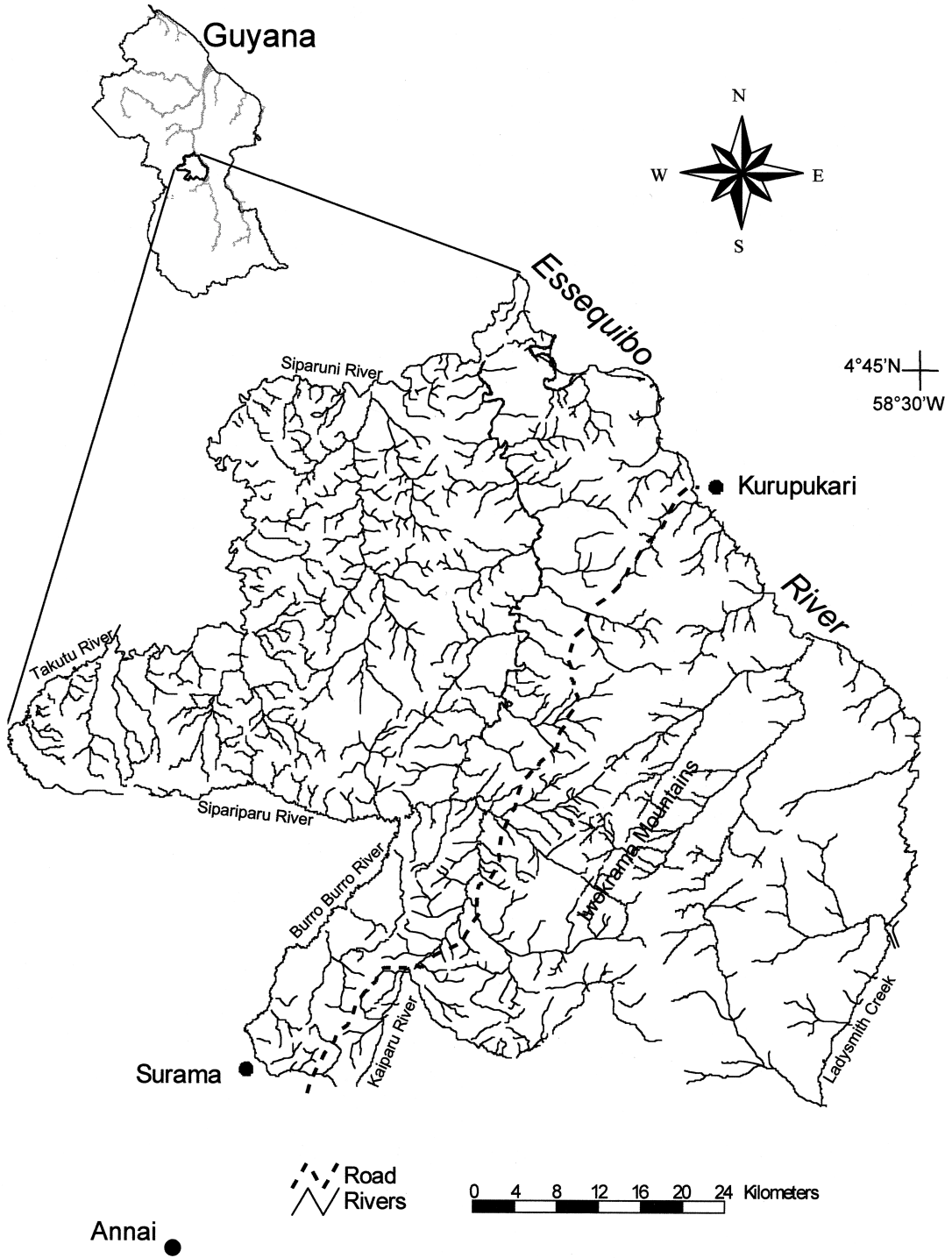


FIG. 1. General location and geographic features of the Iwokrama Forest.

by the Siparuni River, on the west by the Sipariparu River and the Burro Burro River, and on the south by the southern border of the Iwokrama Mountains, more or less the Kaiparu River and Ladysmith Creek.

Guyana as a whole has a tropical climate characterized by a relatively high mean annual temperature exceeding 25° C at sea level; a diurnal range of temperature exceeding the annual range; and an annual temperature range of less than 5° C. Guyana has two rainy seasons that correspond to the passage of the intertropical convergence zone as it moves north between May and August and south in December–January. The heaviest rains begin in May and cause extensive flooding of the rivers and areas where slopes are insufficient to provide adequate drainage. The December–January rains are shorter, less intense, and do not penetrate as far inland from the Atlantic Ocean, so that in southern Guyana the passage of the intertropical convergence zone at this time of year brings only a slight increase in the frequency of convection storms that also occur throughout the dry season. These isolated storms do occur, however, with sufficient frequency to maintain closed canopy evergreen tropical moist forest throughout most of southern Guyana. In the north, the dry seasons are also ameliorated by periodic storms and this, combined with the occurrence of two rainy seasons, also maintains evergreen tropical moist forest. Climatic data are for the most part lacking, but most of the country, Iwokrama included, probably receives between two and three meters annual precipitation. Data from the Mabura Hill area immediately north and east of Iwokrama indicate an annual rainfall of 2700 mm (Khan et al. 1980; ter Steege et al. 1996).

The Rupununi Savanna, which borders Iwokrama on the southwest, has formed primarily as a result of edaphic, rather than climatic factors. This region has highly weathered white sands overlying a clay hard pan that is recalcitrant to penetration by tree roots and access to ground water in the dry season and promotes extensive flooding in the May–August rainy season. Fragmentary meteorological data from Annai (Hawkes & Wall 1993) do indicate less precipitation there than Kurupukari, probably due to higher albedo in the savanna which disrupts convection storms and results in slightly less precipitation in savanna proper, particularly in the dry season. This is probably a very local phenomenon, however, as evidenced by the very sharp savanna-forest ecotone so probably only areas of the forest very near the ecotone experience diminished rainfall. Thus, although annual precipitation in the Rupununi is still more than adequate to support the growth of tropical moist forest, forest only occurs in upland areas on granitic or lateritic substrates; along rivers as gallery forest in alluvial sands; and in so-called “bush islands” where the clay pan has been penetrated, allowing for adequate drainage and access to soil moisture and the development of forest (Eden 1964, 1973; Frost 1968; Rutherford & Hills 1979; Sinha 1968). So, despite the lack of climatic data, there is little reason to expect there to be any significant moisture or other climatic gradients within Iwokrama. Where this might be suspected, such as in the *Humirial/Pagamea* scrub forest along the Kurupukari–Annai road in the southwestern part of the Forest, one should instead look for factors related to substrate and drainage as determining the vegetation type.

The prevailing winds are northeasterly and originate from the Atlantic Coast. Within the Forest, the slopes of the mountains which face the incoming trade winds may be expected to have increased rainfall due to orographic precipitation, although, since the Iwokrama Mountains are isolated and no more than 1000 m in elevation, probably neither orographic precipitation nor a rainshadow on the lee side of the mountains are pronounced effects. Collection of more data from the Iwokrama Mountains will be necessarily to document more thoroughly how it differs climatically from adjacent lowland areas.

Forest types can be difficult to define on the ground because forests do not occur as the discrete entities seen on vegetation maps. The small-scale habitat heterogeneity (e.g.: *Euterpe* palm swamp) that is invariably found within a forest area frustrates simple definitions over large areas. Davis and Richards (1933, 1934) identified five intergrading types in their classic tropical ecology paper on central Guyana’s lowland rainforests: 1) Mora (*Mora excelsa* Benth.); 2) Morabukea (*Mora gonggrijpii* Sandw.), 3) Mixed (no dominance), 4) Greenheart (*Chlorocardium rodiei* [Schomb.] Rohwer et al.) and 5) Wallaba (*Eperua falcata* Aublet). Mixed rain forest (sensu

Davis and Richards) exists in moderate drainage conditions, with a similar set of species in changing ratios of dominance. All of the forest types recognized by Davis and Richards occur within the Forest. Other authors (ter Steege et al. 1993; Ek 1997) considered soil drainage the most important factor in classifying the lowland forest habitats at Mabura Hill, north of the Iwokrama Forest. Huber et al. (1995), in a vegetation map of Guyana, represent the Iwokrama area as having mainly lowland, evergreen mixed forest and wallaba forest and a small area of premontane forest in the Iwokrama Mountains. The work to describe and map vegetation in diverse and complex tropical plant communities is one of successive approximation; none of the above systems will be found to be completely adequate for the Iwokrama Forest, but given the checklist presented here and consideration of soil and drainage a useful delineation of the forest types is possible following further surveys. Discussions of forest types and plant communities for the parts of the forest that were sampled in plant collecting are presented below in the section on the ecology and habitats of the forest and in the individual expedition reports.

PLANT COLLECTING

This report is based on the 3887 collections made in the Iwokrama Forest during the 18 expeditions undertaken by taxonomists associated with the Smithsonian Institution (Fig. 2). The very few historical collections that exist from this area (Ek 1990) were not used because of the poor quality of their locality and other associated data. Since the quality of this product is directly dependent on how these collections are made and identified, a discussion of these methods is appropriate. Tropical plant diversity is such that determination of a plant's identity to the species level is usually only possible following detailed examination of fertile specimens. Identification of sterile material from Iwokrama will be facilitated, however, by reference to the checklist presented here in conjunction with other key references including field guides such as Gentry (1993) which emphasizes vegetative characters, and floristic references such as Boggan et al. (1997), the Flora of the Guianas series (published by Kluwer) and the Flora of the Venezuelan Guayana (published by Timber Press) along with well determined reference collections. Collections for this study were made with the goal of collecting as many of the taxa that occur within the forest as possible, concentrating on the non-weedy species which comprise the vast majority of the diversity of the flora of the Iwokrama Forest.

Factors that affect how thoroughly plants are collected include the methods for sampling of plants of diverse habits and phenology and the sampling of different areas and habitats. Tropical forests differ from temperate forests by having an increased number of plant habit types: In addition to the canopy tree, understory tree and shrub, and herbaceous elements found in temperate forests, tropical forests also have lianas, epiphytes, midstory trees, and canopy emergents. Plant collecting that does not aggressively pursue all of these elements will not accurately reflect the plant diversity of the study area. Collecting of plants of diverse habit types was pursued by using tree climbing spikes and extendible aluminum pole clippers to reach and collect in the canopy. Climbing is particularly important because the tree, epiphyte, and liana forest of Iwokrama is both very diverse and very poorly known. Sampling of different areas and habitat types was carried out by identifying and collecting in as many different areas of the forest and habitats as possible. Unfortunately, neither identifying the different habitats of Iwokrama nor gaining access to them is trivial. Habitats in Iwokrama have been identified as either a set of landsystems (Hawkes & Wall 1993) or in reference to Davis and Richards (1933, 1934) forest types. Although the landsystems of Hawkes and Wall (1993) maintains a useful distinction between forests on granitic- or doleritic-derived soils, application of Davis' and Richards' system allows for a finer scale characterization of the habitats of Iwokrama. Although surveys on the ground in the forest are still inadequate to accurately map the soils and associated vegetation types of Iwokrama, broad scale patterns are apparent that allowed for targeting areas based on topography, drainage, and soils. Access to these areas is gained through the rivers, the Kurupukari–Annai road, and the limited number of transects that have been cut. The transects are particularly important for allowing sampling away from riparian and ruderal roadside habitats and for

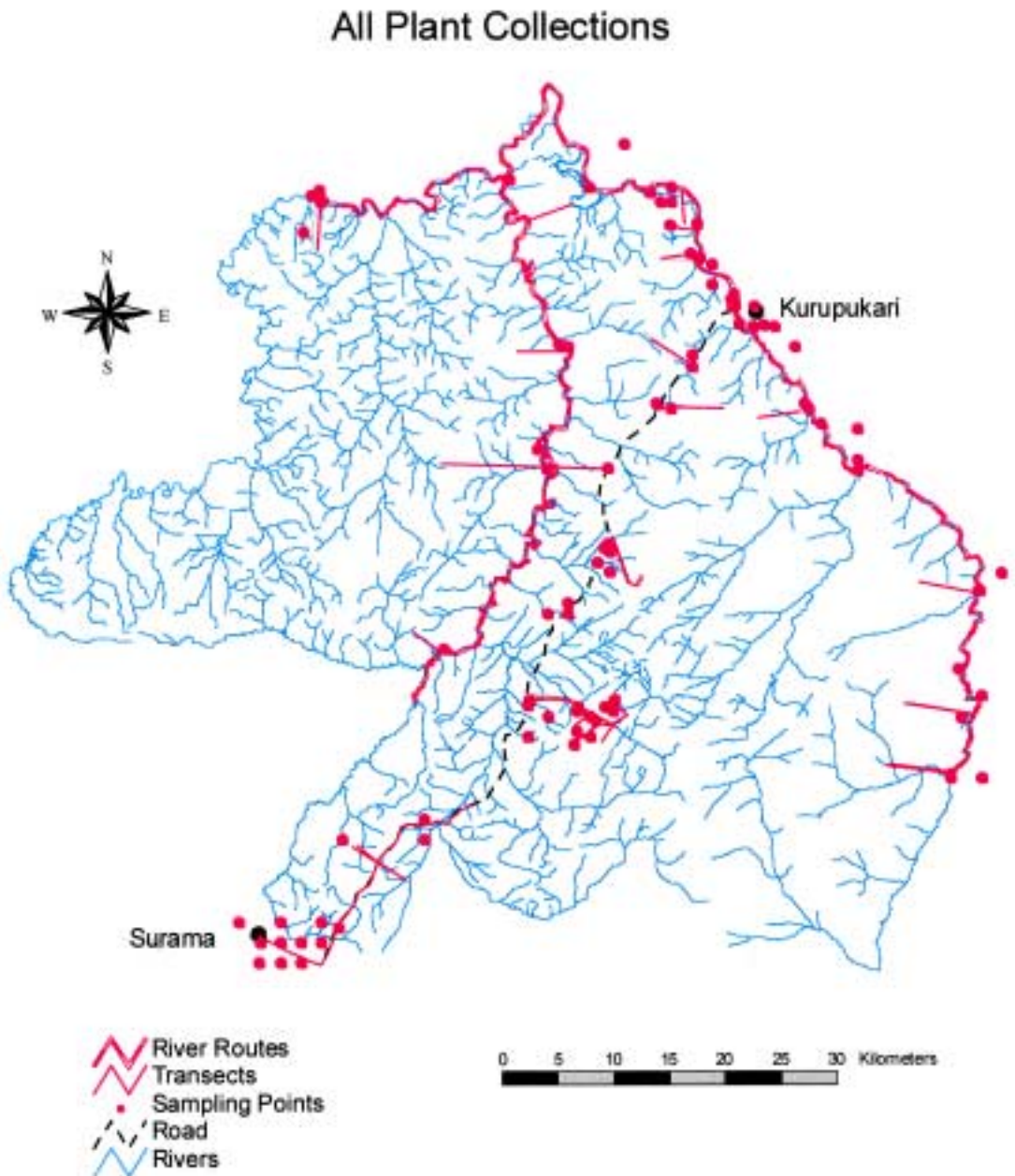


FIG. 2. Summary of all collections from the Iwokrama Forest.

allowing access to the mountainous areas of the Forest. Collecting was carried out on all of the transects in the forest and additional transects were cut in a number of instances. Transects of lengths from 3–10 kilometers were sampled at different times of the year with the expectation that varying phenologies would allow for sampling of additional fertile taxa.

Because northern South America has the highest plant diversity in the world, even skilled field botanists working in the neotropics generally have an apprehension of this diversity only at the generic level. However, determining local species diversity is possible with knowledge of the genera because species may usually be distinguished, though not determined, by visual inspection. Identification of the collections listed here was carried out by distributing duplicate

specimens to specialists. The Biological Diversity of the Guianas Program has cultivated a long-term relationship with specialists in the groups of plants that occur in Guyana to insure that specimens are determined as accurately as possible (Appendix 4). These specialists produce monographs, revisions, and treatments for floras of these plant groups. Smithsonian benefits by getting the most accurate determinations and the specialists benefit by getting good, well-documented specimens to use in their research. Collecting is an important component of the overall work to produce revisions, monographs, and flora treatments for the Guianas because the plants from the Guianas are in general poorly known and very under-represented in herbaria. Many species, for instance, are only known from the original type collection; this specimen may have inadequate documentation or may not display enough distinguishing features (flowers or fruit, e.g.) and certainly more collections may be needed to understand that plant's morphology, phenology, distribution, ecology, variation, and delimitation with respect to closely related species. There is a major impediment, however, being faced by organizations trying to carry out this type of work, which is the lack of trained systematists to participate in all phases of this work. In developed countries, this situation has been precipitated by the retiring of many botanists with specialized knowledge and experience in specimen-based systematics research and their replacement by systematists oriented towards molecular and phylogenetic research. Developing countries face an even more acute problem since they contain only 6% of the world's systematists yet have 80% of the world's species (Systematics Agenda 2000, 1994). Countries that are as rich in biodiversity as Guyana have never been successful in understanding this diversity by relying on workers in developed countries to carry out this work and this situation is not likely to improve given the trends in systematics research away from floristic and monographic research. Fortunately, however, even a modest investment in Guyana's human resource potential and infrastructure could accomplish a great deal in this area. In contrast to other fields in biology, specimen- and morphology-based plant systematics demands only modest resources including reference materials, dissecting microscopes, and a well-curated herbarium. With these resources and a group of trained botanists, much of the floristic and monographic work on the plants of Guyana now being carried out in North America and Europe could be very adequately done in Guyana.

Efforts to search for Guyanese counterparts to accompany the collectors into the field concentrated on the students and faculty of the University of Guyana. Nearly all of our work has been done with extensive assistance from Guyanese Amerindians in the interior. They have an intimate knowledge and great affinity for the forest. The collaboration with the Amerindians included training in methods of plant collecting, including methods of documentation and plant identification; training with maps, gps, and compasses; and introduction to ecological principles. The training provided is useful both for further work in field botany and for work in related fields including forestry, wildlife management, faunistics and ecology, and ecotourism. Training was provided to members of the Amerindian communities from areas adjoining Iwokrama (B. Allicock, D. Allicock, S. Allicock, C. Captain, M. Captain, M. George, B. James, and A. Rodrigues) as well as those from other parts of the country (R. Williams (Bartica) and Claudius Perry (Maruanawa)). A number of the people listed above as well as several other members of the Amerindian communities surrounding Iwokrama participated in the two Amerindian Parataxonomy Courses offered by the Centre for the Study of Biological Diversity (University of Guyana), in collaboration with the Smithsonian Institution.

EXPEDITIONS

A. Collector: Pedro Acevedo Rodríguez (US)

Date: 19 February–1 March 1990

General Location: Along new road and around Surama Village (Fig. 3).

Number Series: PA 3294–3457

Collected with: C. Feuillet (P), T. McDowell (US), S. Tiwari (BRG)

This was the first recent expedition made into the Iwokrama area. Part of the time was spent following the road crew from the Brazilian gold mining company Paranapanema as it built a road through southwest Guyana that eventually bisected the Iwokrama forest.

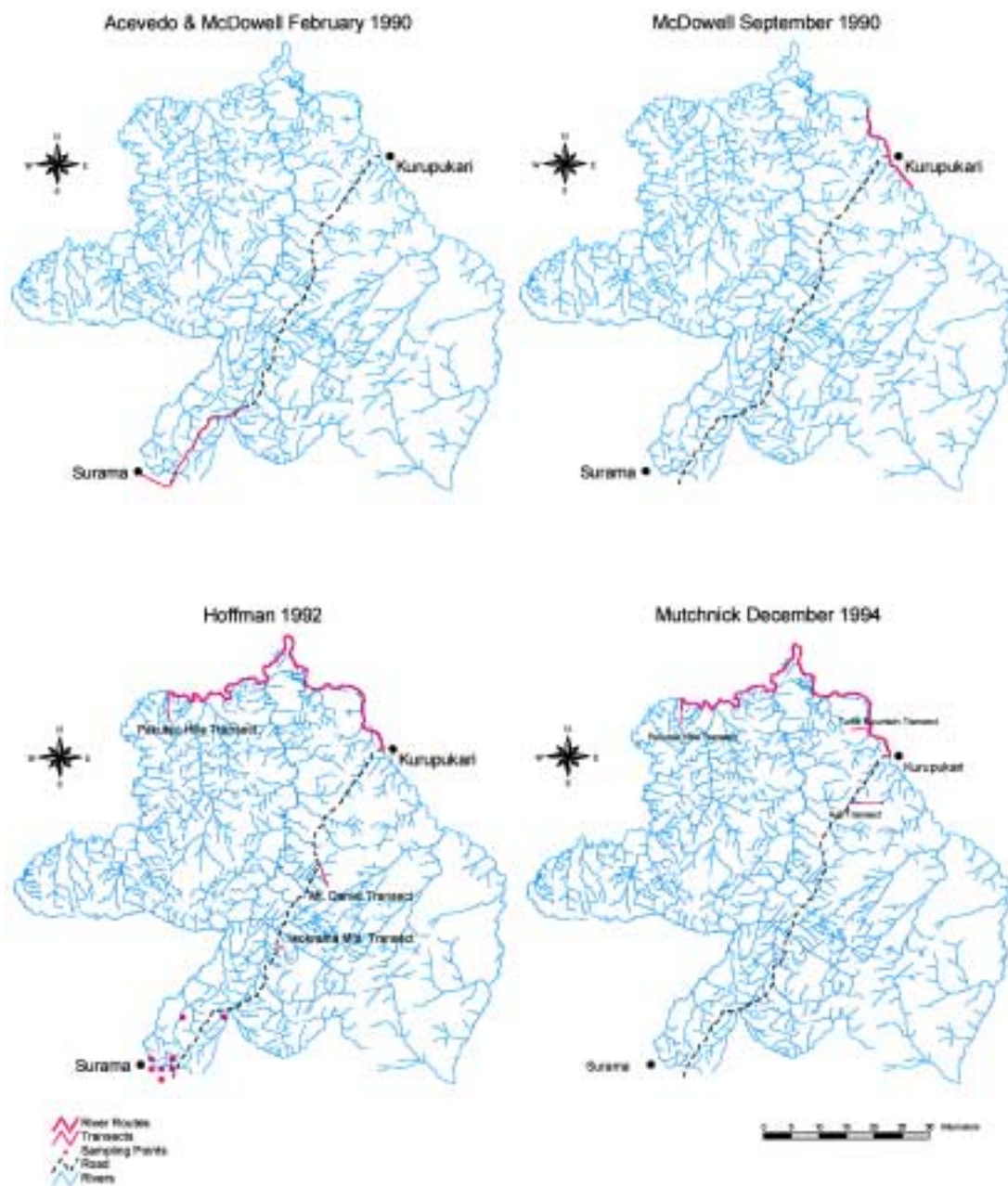


FIG. 3. Collecting expeditions 1990–1994.

B. Collector: Tim McDowell (US)

Date: 19 February–1 March 1990

General Location: Surama Village and along new road being built by Paranapanema (Fig. 3).

Number Series: TM 1884–2110

Collected with: P. Acevedo (US), C. Feuillet (P), S. Tiwari (BRG)

Assisted by: Sidney Allicock

Region around Surama. Collectors attempted to follow the road crew but found it very difficult because trees were being pushed down constantly and immediately pushed up to 40 meters to clear the roadway; the road advanced ca. 2 km per day. Trees were quickly broken and intermingled and duplicate specimens were difficult to obtain.

C. Collector: Tim McDowell (US)*Date:* 19–24 September 1990*General Location:* Along the Essequibo River and on islands near Kurupukari Village and along survey line for road (Fig. 3).*Number Series:* TM 3250–3393

McDowell spent only a few days collecting, mostly along the Essequibo River and on the islands near Kurupukari Village with one expedition through the forest along the survey line of the road.

D. Collector: Bruce Hoffman (US)*Date:* 16 April–5 May 1992*General Location:* Kurupukari area, the Siparuni River at Pakutau Falls, the lower slopes of the Iwokrama Mountains, the Surama Village area, and at various locations along the Kurupukari–Annai Road (Fig. 3).*Number Series:* BH 1265–1577*Collected with:* Toby Pennington (K) & G. Gharbarran (BRG)*Field Assistants:* C. Capellaro, D. Allicock, & T. Allicock

This three week botanical collecting expedition was in collaboration with an international team of consultants doing a multi-disciplinary inventory. The mission of the Commonwealth Project was to study the site and develop methods of sustainable natural resource use, with some of the land being set aside as “wilderness.” A variety of soil types and vegetation classes occur within the boundaries including basic doleritic, acidic granitic, white sand, brown sand, sedimentary, mora forest, wallaba forest, commercial quality mixed-forest, acidic bog, and scrub.

E. Collector: Patrice Mutchnick (US)*Date:* 27 November–14 December 1994*General Location:* Essequibo River, Pakutau hill transect, Siparuni River, Kurupukari Falls (Fig. 3).*Number Series:* PM 382–681*Collected with:* Vicki Funk (US)*Field Assistants:* Bertrand Allicock, Erol McBirney, Raymond Edwards, Clive Captain, and Rodrigues Antone

The majority of the collecting took place on the Siparuni River, a major tributary of the Essequibo River. The confluence is approximately 40 kilometers downstream (North) of the base camp at Kurupukari. Collecting was also done along several established transects and on the Essequibo directly north and south of the base camp.

F. Collector: Patrice Mutchnick (US)*Date:* 10 February–3 March 1995*General Location:* Pisham Pisham, Akromukro Falls, Ladysmith Creek, and Mount Daniel transects (Fig. 4).*Number Series:* PM 682–982*Field Assistants:* Bertrand Allicock and Daniel Allicock.

The majority of the collecting took place on the Essequibo River, upstream from Kurupukari base camp to the border of the Forest at Lady Smith Creek. Additionally, a separate expedition was made to one of the two parts of the Iwokrama Mountains surveyed in this work, Mt. Daniel, located about 18 kilometers southwest of the base camp.

G. Collector: David Clarke (US)*Date:* 17 September–9 October 1995*General Location:* Upper Essequibo, Burro Burro River, and transects along Kurupukari–Annai Road (Fig. 4).*Number Series:* 154–400*Assistants:* Daniel Allicock, Milner Captain, Clive Captain, and Baptist James

The work to be done on this expedition was to extend and compliment that done by previous collectors, viz. Bruce Hoffman, Toby Pennington, and Patrice Mutchnick. Collecting was concentrated along rivers and machete cut transect lines with the goal of sampling across a number of different ostensible land systems described in the Iwokrama Phase 1 report. It was also expected that the collecting that would be conducted would help to achieve a better understanding of these land systems and the vegetation they support. During the course of this expedition, Iwokrama personnel abandoned mapping of the Forest on the basis of these land systems in favor of a map delineating more detailed vegetation types based on maps produced by the Guyana Forest Department and Food and Agriculture Organization of the United Nations (1970).

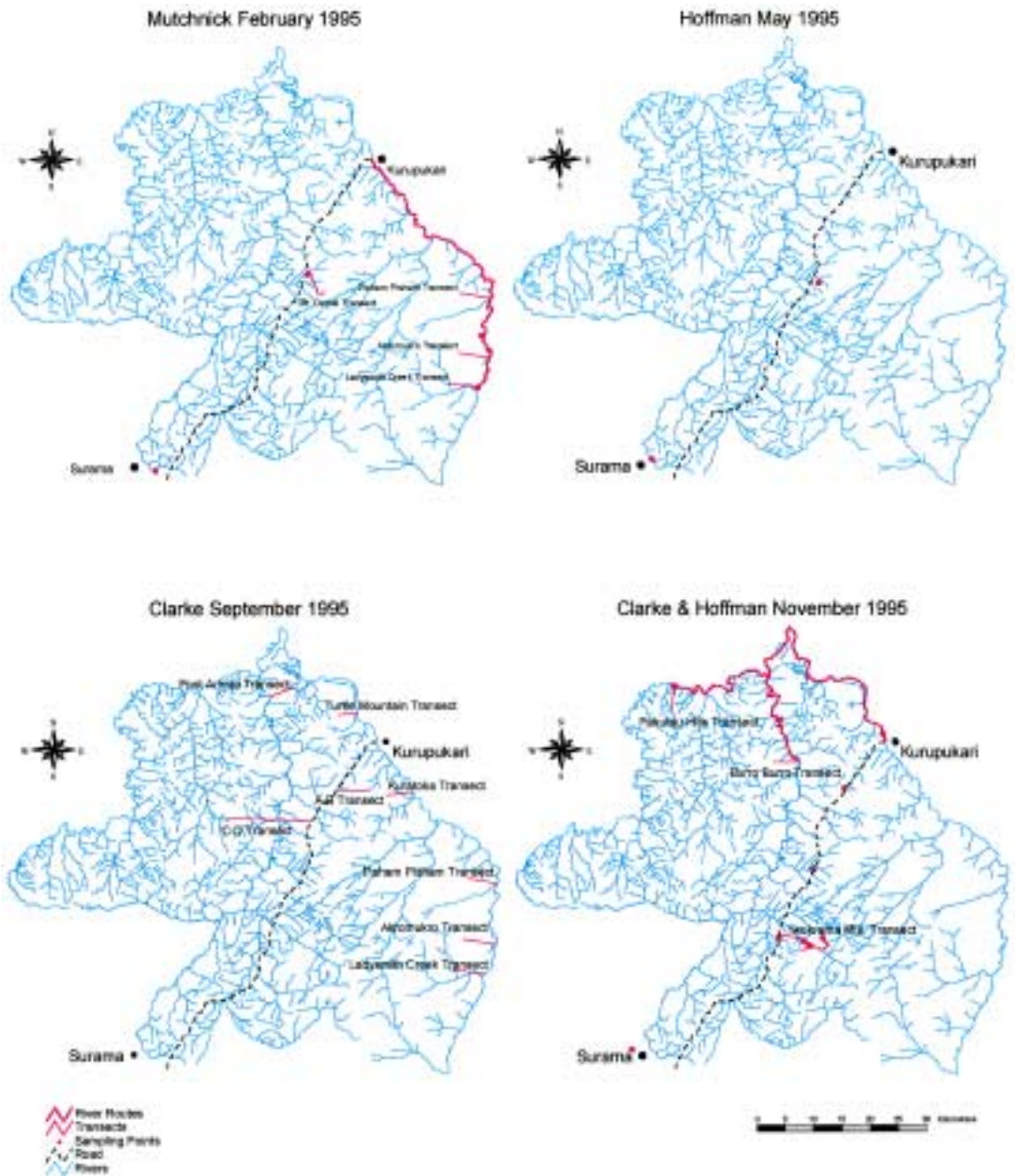


FIG. 4. Collecting expeditions 1995.

H. Collector: David Clarke (US)

Date: 4 November–2 December 1995

General Location: Pakutau Hills along the Siparuni River, the Iwokrama Mountains, and a transect along the lower Burro Burro River (Fig. 4).

Number Series: DC 401–703

Collected with: Bruce Hoffman (US)

Assisted by: Daniel Allicock, Milner Captain, Baptist James, Antone Rodrigues, and Marcus George

Collecting on this expedition concentrated on areas not visited earlier by David Clarke viz., the Pakutau Hills along the Siparuni River, the Iwokrama Mountains, and a new transect along the Burro Burro River. A new vegetation map of the Forest was used to help direct collecting efforts and, in turn, it is hoped that the collection information could help to refine the map by providing information about previously unvisited areas. Throughout this expedition, Bruce Hoffman sampled 0.1 ha plots in an effort to assess alpha- and beta-levels of plant species diversity.

I. Collector: David Clarke (US)

Date: 14 March–6 April 1996

General Location: Akromukro Falls, Ladysmith Creek, Moco Moco II Creek, Iwokrama Mountains, Turtle Pond, Upper Burro Burro River, and southwest border of the Forest (Fig. 5).

Number Series: DC 1275-1604

Collected with: Bruce Hoffman (US)

Assisted by: Daniel Allicock, Baptist James, Milner Captain, and Antone Rodrigues.

This expedition was carried out together with Bruce Hoffman who was doing research on *Heteropsis* and its potential as a non-timber forest product. Collecting on this expedition in part emphasized recollecting in areas previously collected to document phenology. In some cases fruiting samples were collected from individual plants that had previously been collected in flower. Excursions were also made to previously uncollected areas such as an outlier of the Iwokrama Mountains, Sandstone on the upper Burro-Burro River, and floodplain areas adjacent to the Essequibo River near Turtle Pond.

J. Collector: David Clarke (US)

Date: 17 September–5 October 1996

General Location: Iwokrama Mountains, Turtle Mountain, and areas near base camp (Fig. 5).

Number Series: DC 2470-2771

Assisted by: Milner Captain, Baptist James, and Antone Rodrigues

This expedition was carried out to collect in previously uncollected areas near the base camp and Turtle Mountain on the Essequibo River and to collect intensively at higher elevations in the Iwokrama Mountains. Two newly cut transects were sampled, one near the base camp on the Kurupukari–Annai road in mixed forest on undulating terrain and one from the Essequibo River through forest prone to flooding and heavy siltation to an exposed area at the top of a cliff on Turtle Mountain. More effective collecting in the Iwokrama Mountains was carried out by establishing a camp at the top of the drainage in the gorge between the highest peaks in the mountains. Carrying ration and equipment from the road to the base of the mountains and up the gorge is difficult, but the time needed to climb the mountains from the camp at the bottom of the gorge is too long (3 hours each way) to allow for sufficient time to collect on the mountains.

K. Collector: David Clarke (US)

Date: 16–31 March 1997

General Location: Iwokrama Mountains (Mt. Daniel and gorge between the highest peaks in the mountains) and near base camp (Fig. 5).

Number Series: 4080–4351

Collected with: Scott Mori (NY) and Scott Heald (NY)

Assistants: Romeo Williams, Claudius Perry, Baptist James, and Antone Rodrigues

Scott Mori, a senior curator at the New York Botanical Garden, participated in this expedition as did his assistant, Scott Heald. Together, these two provided additional expertise and enhanced intensity of collecting efforts in the areas visited. Scott Mori's contribution was particularly valued as he has nearly completed a flora of Central French Guiana (Mori et al. 1997) and was able to provide important insights into the similarities and differences between that flora and Iwokrama's.

L. Collector: Bruce Hoffman (US)

Date: 15 May–21 May 1995

General Location: Surama area and upper Burro Burro River (Fig. 4).

Number Series: BH 4500–4646

Collected with: C. Ehringhaus (US)

Field Assistant: Daniel Allicock

This expedition was part of an effort to document the flora of the forest in a more quantitative fashion. Two 0.1 hectare transects were established during May, each located within one of the six different "land systems" recognized in the Phase 1, Site Resource Survey (Hawkes & Wall 1993).

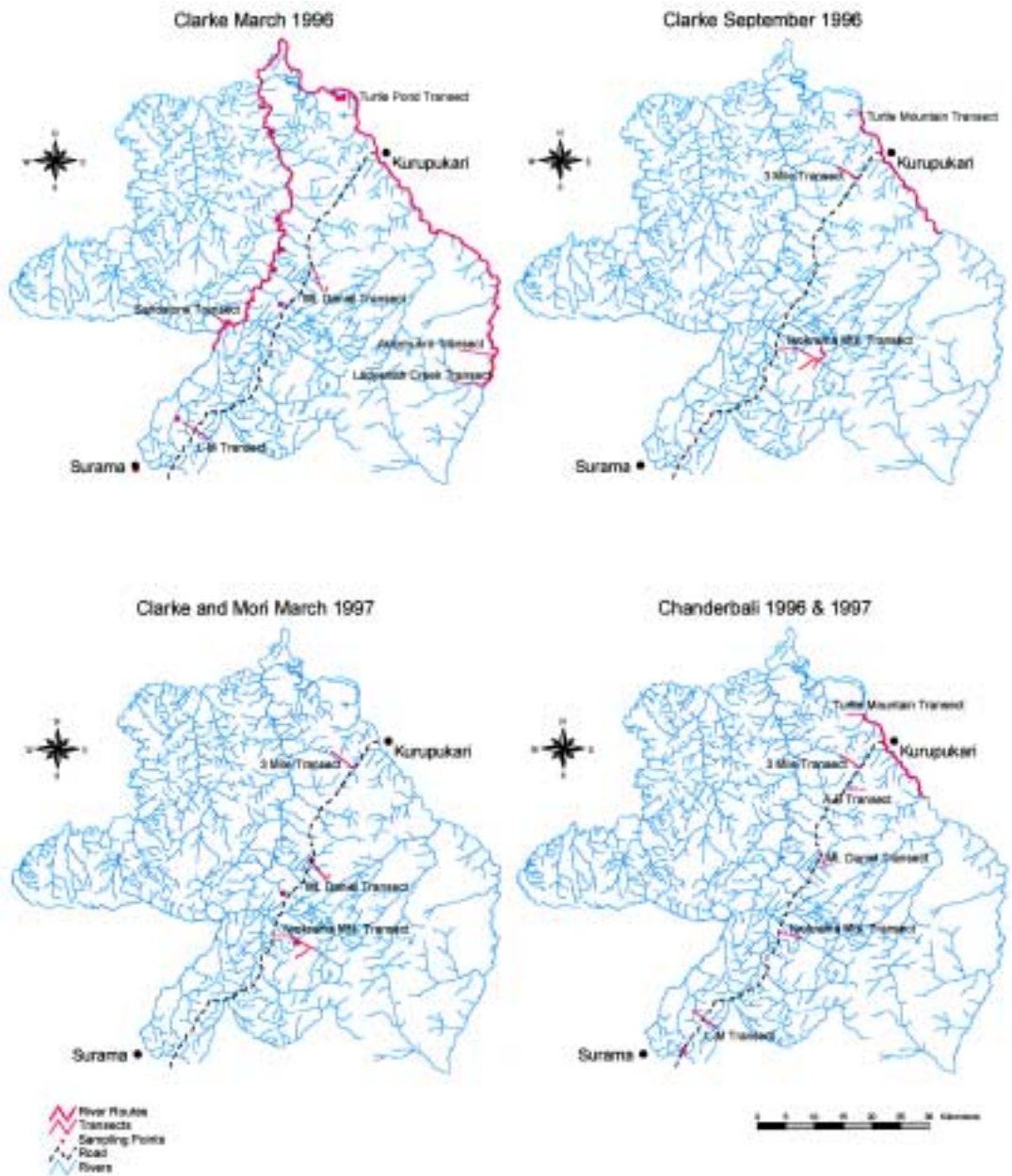


FIG. 5. Collecting expeditions 1996–1997.

M. Collector: Bruce Hoffman (US)

Date: 8–29 November 1995

General Location: Pakutau Hills, Burro Burro River, and Iwokrama Mountains (Fig. 4).

Number Series: BH 4700-5049

Collected with: David Clarke (used separate numbers see expedition report for details)

Field Assistants: Daniel Allicock, Milner Captain, Antone Rodrigues and Baptist James

This expedition was part of an effort to document the flora of the Forest in a more quantitative fashion. Four 0.1

hectare transects were established during November, each located within one of the six different "land systems" recognized in the Phase 1, Site Resource Survey (Hawkes & Wall 1993).

N. Collector: Bruce Hoffman (US)

Date: 17–19 March 1996

General Location: Near Ladysmith Creek, SE border of Forest (Fig. 4).

Number Series: BH 5050-5071

Collected with: David Clarke (separate numbers), see Clarke report for details

Field Assistants: Daniel Allicock

The purpose of this expedition was to determine the density of *Heteropsis flexuosa* (Kunth) Bunting, commonly called nibbi. The results indicate that nibbi was as common in some areas of the forest as it is in the Pomeroon area of northern Guyana, the source of most commercial nibbi, but not as extensive.

O. Collector: Christiane Ehringhaus (US)

Date: 13–22 May 1995

General Location: Annai and Surama area (Fig. 4).

Number Series: CE 48-142

Collected with: w/ B. Hoffman beginning on the 17th

Field Assistants: Daniel Allicock

Collecting expedition in and around Annai and Surama Villages and into upper Burro-Burro River area.

P. Collector: Scott Mori (NY)

Date: 3–27 March 1997

General Location: Kurupukari area and Iwokrama Mountains (Fig. 5).

Number Series: SM 24343–24653

Collected with: D. Clarke (used separate numbers) and Scott Heald (NY)

For discussion of expedition see Section K, Clarke March 1997 expedition report.

Q. Collector: Andre Chanderbali (MO)

Date: 13–27 July 1996

General Location: Along the Essequibo River, Iwokrama Mountains and Surama area (Fig. 5).

Number Series: AC 141–184

Collected with: D. Gopaul (BRG)

Assisted by: Antone Rodrigues

This expedition concentrated on documenting the Lauraceae of the Forest. Travel was by road and river to "cut lines" or trails that penetrate the forest for several kilometers. Ten of these trails and the vegetation along the Essequibo River boundary of the Forest were surveyed.

R. Collector: Andre Chanderbali (MO)

Date: 8–16 July 1997

General Location: Base camp at Kurupukari and revisited sites from 1996 expedition (Fig. 5).

Number Series: AC 248–274

Collected with: D. Gopaul (BRG)

Assisted by: Bradford Allicock, Antone Rodrigues and Clive Captain

RESULTS

Since 1992, collectors associated with the Smithsonian Institution have visited the Iwokrama Forest 18 times and made 3887 collections of plants. Examination of the collections' data shows that 81% of the total number of specimens have been identified to species and 91% of the 3323 fertile collections have been identified. Of the residual 9% of indeterminate specimens, approximately one third are in three large families (Melastomataceae, Bignoniaceae, and Flacourtiaceae) that proved recalcitrant due to the lack of an available specialist. The collections are distributed across 147 families, 579 genera, and 1251 species. This list was compiled together with checklists of four other florulas of areas on and adjacent to the Guiana Shield: Mabura Hill (Ek 1997) and Kaieteur Falls National Park (Kelloff & Funk 1998), both in Guyana; Saül, Central French

Guiana (Mori 1997); and Reserva Ducke near Manaus, Brazil (Ribeiro et al. 1999). The checklists were reconciled with respect to their synonymies using Boggan et al. (1997) and other references. Only native vascular plants were included in the combined checklist and only taxa determined to species level or below are shown here with the exception that taxa determined to genus were included as a unique taxon when there were no fully determined taxa for that genus at a given site. The combined checklist contains 4659 species and is provided in Appendix 1. Appendix 2 lists the plant collections that form the basis of the Iwokrama checklist.

The identified collections show that the five most diverse families at the species level in Iwokrama are the Fabaceae (106 spp.), Rubiaceae (82 spp.), Orchidaceae (51 spp.), Cyperaceae (42 spp.), and the Myrtaceae (37 spp.). A table comparing the rank order of species diversity of families inclusive to the twentieth most diverse family in each of the five florulas as well as the Guianas overall from Boggan et al. (1997) can be found in Appendix 3. These results confirm for Iwokrama what has been observed for other low-elevation rainforests sites, viz. that certain families such as the Fabaceae are over-represented while other families characteristic of either open habitats or higher elevation are under-represented (Lentibulariaceae, Bonnetiaceae, Bromeliaceae, Xyridaceae, and Eriocaulaceae, e.g.).

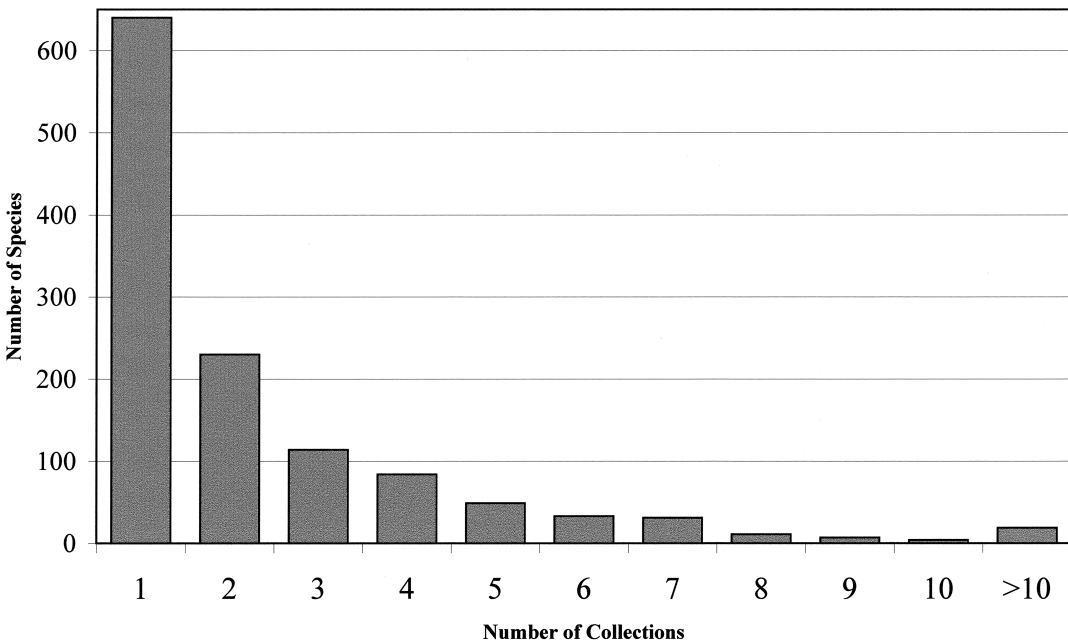
The level of completeness of this checklist may be evaluated both in comparison to data for species diversity of the other four floras (Table 1) and by considering a histogram that compiles the number of specimens by which each of the 1251 species are represented in the collections made during the course of field work (Table 2). Iwokrama's 1251 species are low compared to Central French Guiana's 2069 or Reserva Ducke's 1922. The lower number for Iwokrama is almost certainly an indication of incomplete collecting rather than lower actual diversity; the flora of Central French Guiana is documented by 12,847 specimens compared to Iwokrama's 3887 and almost all of the collecting at Iwokrama has been carried out over the past several years whereas Reserva Ducke may be the best known area in Amazonia, having benefited from a wealth of historical collections and intensive recent collecting as part of the flora project. Similarly, Kaieteur Falls with an area of 58,000 ha and Mabura Hill with an area of 220,000 ha are probably also undersampled. Table 2 also indicates that over half (640) of the 1251 species from Iwokrama are known from only a single collection, strongly suggesting that continued collecting effort would yield a substantial number of new records. It is difficult to estimate the total plant diversity of Iwokrama with the data at hand, but a figure of approximately 2000 species may be reasonable given that Central French Guiana is a comparable, low elevation area of the Guiana Shield. Iwokrama's plant diversity may even exceed that of Central French Guiana given its greater size (360,000 vs. 140,000 ha), greater elevational gradient (1000 m vs. 760 m), and higher habitat diversity (soils derived from both sandstone and granitic substrates vs. solely granitic based soils and riparian habitats associated with a major river, the Essequibo, vs. only riparian habitats associated with small- or medium-sized rivers). That Reserva Ducke, with an area of 10,000 ha, is smaller than any other of the four flora areas yet has the second highest diversity has been attributed to its position at the contact point among several Tertiary and Quaternary refugia indicating that its diversity may have been enhanced by the coalescence of the distributions of erstwhile allopatric species in this area (Oliveira & Daly 1999; Oliveira & Mori 1999). This assertion is further substantiated by noting that Reserva Ducke's generic diversity (658) is less than Central French Guiana's 781, comparable to Iwokrama's 579 and Mabura Hill's 573, and only somewhat more than Kaieteur Falls 492 genera, and arguing that, particularly in the case of late Tertiary and Quaternary refugia, most diversity was generated at the species rather than genus level. Inspection of the checklist in Appendix 1 allows for qualitative confirmation of this scenario because Reserva Ducke is seen to be particularly diverse in large, diverse genera such as *Inga*, *Protium*, *Licania*, *Ocotea*, etc. that may be expected to conform to this scenario.

Data from Table 1 regarding the extent to which the diversity represented by the five checklists is shared among or is unique to each area has implications for both the usefulness of the combined checklist and conservation issues related to patterns of plant distributions. Overlap of

TABLE 1. Species diversity of the five florulas. Diagonal: Number of unique species/total number of species. Off diagonal: Number of uniquely shared species/number of shared species.

Ducke	Total = 4659	Iwokrama	Mabura	Kaieteur	C. Fr.
				Guiana	
Iwokrama	312/1251	116/545	71/383	135/589	40/370
Mabura		255/1240	63/405	132/627	51/422
Kaieteur			438/1134	73/416	41/275
C. Fr. Guiana				835/2069	227/658
Ducke					1047/1922

TABLE 2. Number of collections representing species found in Iwokrama.



species diversity is less than half in the case of Iwokrama and Mabura Hill and in comparisons involving Reserva Ducke is as low as one quarter. The combined checklist contains 4659 species or slightly more than half that of the 8507 species in the checklist of the Guianas (Boggan et al. 1997). So, although the total area of coverage of this checklist is but a small fraction of that of Boggan et al. (1997), because the flora areas encompass a broad expanse of the geographic and floristic gradients of the Guiana Shield and adjacent Amazonia, it still represents a good deal of the plant diversity of the entire region and should prove useful to those working with the plant diversity of a wide area of northeastern South America. That relatively little overlap is observed among the floras is an indication of a high degree of floristic heterogeneity among the areas. Even in the case of Iwokrama and Mabura Hill, which are contiguous and are remarkably similar with regard to climate, soils, geology, and habitats, the fact that they share only half of their floras is an indication of the patchiness of plant distributions which is apparently uncorrelated with ecological factors and perhaps corresponds better to historical factors. This finding has important implications for conservation policy and indicates that policy must be created with an understanding of plant distributions, hopefully on the basis of a good deal more field work,

rather than just a coarse understanding of ecological parameters. Thus the present work gives little assurance that conservation measures in Iwokrama, which has been planned for both development and conservation, would be effective in preserving the plant diversity of Mabura Hill which is being actively logged as part of a logging concession. The overlap of the Iwokrama and Mabura Hill and the other floras is also probably a conservative estimate given that the floras are undersampled and that widespread and common species have been preferentially sampled over uncommon, endemic, or patchily distributed species.

ECOLOGY AND HABITATS

Regional Context.—The Iwokrama Forest is located in central Guyana and the composition of its forest are typical of lowland, evergreen forests found in much of northern and central Guyana. The soils that determine this composition are also characteristic of most lowland sites in northern and central Guyana, dominated by granitic and doleritic brown sands, laterite, and white sands resulting from either in situ erosion of sandstone substrates or deposition of sediments from the sandstones of the Pakaraimas Mountains. Although the Iwokrama Forest is not part of the Pakaraima Mountains, these mountains are found immediately across the Siparuni River from the Forest. Despite the elevational differences, certain affinities between the floras of the two regions are apparent such as between the *Humiria* scrub of Iwokrama and similar scrub areas in the Pakaraimas. Many tree species found in the forest—that are typical of the northern and central lowland forests of Guyana—are at or near the southern limits of their distributions: *Chlorocardium rodiei* (greenheart), *Mora excelsa* (mora), *Peltogyne venosa* (purpleheart), *Caryocar nuciferum* (sauri), and *Heisteria cauliflora*. This observation should have some bearing on the conservation plan of the forest, because, for example, the Iwokrama Forest is now the only area in Guyana that has stands of *Chlorocardium* that are not allocated as a timber concession. The forests of southern Guyana, as one moves southward from Iwokrama, experience successive replacement of typical guianan by amazonian elements so that, by the time one reaches the southernmost forests in the Acarai Mtns., there are very few species shared between the two areas. This turnover occurs despite the fact that there are very few gradients with regard to soils, climate, topography, elevation, or other abiotic factors. In the absence of such environmental gradients that may be used to explain this variation, historical factors from the Paleocene onwards may need to be invoked to explain how essentially different floras occupied areas that are otherwise so uniform. Observations on the ecology and plant communities within Iwokrama may best be presented by focusing on a number of sites and plant communities within the forest.

Mora Forest.—Areas along the major rivers and many other relatively flat, low lying areas experience a good deal of flooding during the rainy season. These areas are dominated by *Mora excelsa*, a canopy emergent with large buttresses, and a few other associates such as *Eperua falcata*, *Catostemma* spp., *Aspidosperma excelsa*, *Tovomita* spp., and *Caraipa* spp. These areas very often have basal areas that are strongly dominated by *Mora excelsa* and tend to be lower in overall diversity than upland terra firme forests. Mora forests along the Essequibo River may extend up to two km from the river itself and occupy a low lying area behind levees along the riverbank. Mora forests along the Siparuni and Burro Burro rivers occupy a much narrower strip no more than one km wide that is also usually a low lying area behind levees forming the riverbank. Soils in these forests are alluvial brown sands. Where periodically inundated forests occur away from the major rivers, soils are of varying composition. Mora forest will develop on brown sands in these areas, as at Moco Moco II creek along the Kurupukari–Annai road and may also develop on white sands along blackwater creeks as is found in the first kilometer of the A–B transect. Certain periodically inundated forests on white sand with a clay hard pan near the surface, however, do not have mora, but are dominated by a semi-open forest with *Protium*, *Maximiliana*, *Euterpe*, *Dimorphandra*, *Moronobea*, *Pouteria*, and *Catostemma* such as is found in the first two kilometers of the Mt. Daniel transect.

Forests Along the Lower Essequibo.—Above Kurupukari, the Essequibo passes over a number of rapids and has a braided channel with numerous islands. Below Kurupukari, the river takes on

more of the character of a typical lowland river with meanders, oxbow lakes, and a shifting channel with few rapids or significant drops. The forests along the lower Essequibo are dominated by the successional gradient created by the shifting of the river channel. Here, in addition to the flooding found in mora forests, siltation may also be a significant factor and in such conditions a low stature forest dominated by various Myrtaceae, *Symmeria*, *Coccoloba*, *Bonafousia*, and others occurs as is found along much of the turtle pond transect or the first 0.5 km of the transect that begins on the Essequibo and ends at the top of the cliff at the summit of Turtle Mtn. In areas that remain flooded during most of the year, as along the first 2 km of the Post Arinda Inlet transect, an open *Mauritia/Clusia* forest occurs.

Forests Along the Upper Essequibo.—The four transects along the upper Essequibo River (Kuratoka, Pisham Pisham, Akromukro, and Ladysmith) all begin in mora forest and end in either mixed forest on brown sand or, in the case of Kuratoka transect, *Eperua* (wallaba) forest on white sand. Mora forest and mixed forest intergrade extensively on these transects, with mora forest occurring well away from the river but also having a significant admixture of terra firme elements including *Chlorocardium*, *Eschweilera*, and *Manilkara*. The portion of the Kuratoka transect away from the river is dominated by an oligotrophic *Eperua* (wallaba) forest. This forest occurs on well-drained white sand and has trees of a lower stature (ca. 20 m) and smaller diameter than mixed forest (hence the name “pole forest” occasionally attributed to forests of this type). Here, *Eperua* and other caesalpinoid legumes dominate as does *Protium*, *Clusia*, *Tovomita*, and *Citharexylum*. That caesalpinoid legumes dominate these forests, both in terms of species diversity and numbers of individuals, as well as most forests of Guyana, for that matter, may perhaps be attributed to their mode of mineral nutrition that allows them to dominate highly weathered, nutrient-poor oxisols and ultisols. Unlike most legumes, which form a symbiotic relationship with nitrogen-fixing *Rhizobium* bacteria, these trees instead form an association with ectomycorrhizal fungi that are important in phosphorous uptake, in agreement with the general observation that phosphorous and not nitrogen is the limiting nutrient in many stable forest habitats (Raaimakers 1994).

Fire also appears to have been an important ecological factor in this area. Anecdotal accounts of a large fire that occurred in the southern part of the Forest are substantiated by areas of semi-disturbed “liana forest” on parts of the Ladysmith and Kuratoka transects. These fires are said to have occurred in the 1940's. Although naturally caused fires are probably not a natural part of the ecology of Iwokrama and plants in the Forest have not evolved to respond to this type of disturbance, anthropogenic fires are now a very important factor in the Rupununi savanna south of the Forest and in degraded forests north of the Forest. That the forest in Iwokrama is recovering from a large scale fire, albeit slowly, has implications for determining the limits of perturbation from which forests of this type can recover. These limits have clearly been exceeded in forests north of the Iwokrama Forest, as along the Linden–Mabura road, and in the forest-savanna ecotone at the edge of the Rupununi Savanna. Forests north of Iwokrama that were once closed canopy *Eperua* or mixed forest have now more or less permanently been degraded to a *Dimorphandra/Humiria* scrub forest as a result of logging, which opened up the understory and exposed it to drying effects, followed by repeated burning which eliminated all but the remaining fire-tolerant species. The scrub forest is very recalcitrant to reestablishment of the original closed canopy forest probably because of shifting of the microclimate towards hotter and drier conditions out of the range of tolerance for seedling establishment and formation of mycorrhizal symbioses. Because the forests of Iwokrama are very similar to these forests as they occurred originally, any plan for sustainable timber utilization must take into account both the direct effects of logging and the concomitant effect of increased risk of fire resulting from alteration of the microclimate.

Iwokrama Mountains.—Collecting efforts were concentrated in the Iwokrama Mountains because these mountains offer high local and overall diversity and because some plants that occur here are not found elsewhere in the Forest. These mountains offer nearly 1000 m of elevational gradient and a moisture gradient that is determined by slope and exposure as well as elevation.

Collections on the highest peaks of the Iwokrama Mountains and in the gorge separating these peaks were very diverse because of the large number of habitats in this area. The 4.5 km approach to these mountains from the Kurupukari–Annai road begins in *Humiria* scrub forest on poorly drained white sand and quickly passes into periodically inundated mora forest and mixed forest on brown sand. Flooding in this area is probably responsible for a somewhat more open forest with a prominent *Astrocaryum/Scheelea* palm understory and abundant lianas. From the mouth of the gorge, the mountains rise abruptly and the creek in the gorge has a steep drop through the rocky streambed. *Mora* occurs only along the streambed and becomes progressively less abundant towards the top of the gorge. *Chlorocardium* is also common in the gorge and on the lower slopes of the mountains, but is not found on the upper slopes. The streambed has characteristic rheophytic elements that exploit higher light levels by being able to withstand inundation and the force of rushing water; such plants include *Spigelia multispicata*, *Gonzalagunia dicocca*, and *Spathiphyllum cuspidatum*. Frequent rockslides and treefalls in the gorge account for the presence of disturbance-associated elements such as *Jacaratia*, *Cecropia*, *Psychotria poeppigiana*, *Gurania*, and many lianas. Epiphyte diversity and abundance is also high in the gorge perhaps because wetter conditions are caused by reduced exposure to drying in the gorge and its ability to trap moisture. This is certainly the most mesic area of the Forest observed during the course of field work and has a corresponding abundance of epiphytic aroids, ferns, mosses, orchids, and bromeliads. Extensive collections were made on the three peaks that surround the gorge. The composition of the forest on the slopes is similar to that found in mixed forest in the lowland parts of the Forest with several differences in physiognomy (slightly more open forest, more understory palms, lower average diameter of trees) that may be a result of higher frequency of treefalls due to greater exposure to wind action and shallower soils. The summits of these mountains have forest with a relatively low canopy (10 m) and many epiphytes occurring at all levels in the trees. Like the Kanuku and Acarai Mountains in southern Guyana, the Iwokrama Mountains are apparently not high enough to have anything that could be called genuine cloud forest. However, Makarapan Mountain, a 1000 m mountain south and west of the Forest near Annai, was found to have at its summit scrub forest typical of inselbergs (*Erythroxylum*, *Clusia*, and Myrtaceae) and an epiphytic element typical of cloud forests (e.g. *Utricularia*), so it is apparent that local weather patterns and edaphic conditions may be sufficient to alter the composition of summit floras in mountains of this kind. More extensive collecting in the Iwokrama Mountains is needed to fully document the distribution and composition of its plant communities. Although the effort expended in the work described here was considerable, collections from these mountains are still inadequate since they had never been botanically surveyed before and were scarcely explored, as evidenced by the discovery of previously unknown petroglyphs in the Iwokrama gorge in the course of carrying out this work.

Forests North of the Kurupukari–Annai Road.—Most of the forests accessible from the Kurupukari–Annai Road, the Burro Burro River, and the Siparuni River are characterized by relatively flat topography. Most of the soils are either brown sands or clays or white sands and are either poorly drained in flat, low lying areas or well drained in areas with even very modest local relief. Transects such as the three mile transect (three miles SW of Kurupukari on the Kurupukari–Annai road) have modest local relief that leads to the formation of *Euterpe* swamp forest in low lying areas and mixed forest in upland areas. Forests in these areas have a relatively high abundance of commercial timber species. This area is particularly valuable for the collection of baseline data concerning the ecology of these species in undisturbed forest. For instance, from what is known of the ecology of *Chlorocardium* and observations in these areas, it is clear that its patchy distribution in small, pure stands (“greenheart reefs”) is attributable to medium or long term equilibrium of these microsites. Growth of juveniles of greenheart can occur in the shade of mature individuals, but other mixed forest species are usually dependent on canopy gaps for recruitment to occur (Zagt 1997). *Chlorocardium* would be able to competitively exclude other species in areas that do not experience treefalls for an extended period. Treefalls may occur almost stochastically, but in some places may happen with decreased frequencies due to the

depth of soils, slope or other factors; *Chlorocardium* may be expected to become a local dominant in any area, whether for stochastic reasons or due to microsite conditions, that has not experienced a treefall for an extended period. Any sort of logging, even selective logging, could be expected to favor the recruitment of species other than greenheart indicating that it may be impossible to harvest *Chlorocardium* more than once from these forests and that *Chlorocardium* may soon, at least commercially, be an extinct species.

Pakutau Hills, Turtle Mountain, and Sandstone.—These three areas are grouped together because they are all low or moderate elevation hilly areas with doleritic substrates. They were investigated with the goal of determining whether they differ significantly in terms of floristic composition from forest on granitic substrates found in the Iwokrama Mountains. Although subtle differences do exist, there were no overwhelming differences found in the mixed, terra firme forests between these two areas. Forests in these areas, do however, provide an added measure of diversity over that found in lowland areas and, as in other areas in southern Guyana, the effort expended in cutting trails to gain access to mountains or any upland area is justified by the diversity of collections these areas offer.

CONCLUSION

This work is a critical component of baseline data needed to adequately monitor the effects of development activities on the plant community. Continued work is needed, however, to gain a more complete understanding of the flora of Iwokrama. Floristic work in a given area often proceeds by first producing a preliminary checklist, such as the one presented here, followed by an annotated checklist which would provide additional information about the species, and culminating in the production of a flora, a work which would be a complete treatment of all the plants known from that area along with keys to the species, distributions, descriptions, notes on ecology and other pertinent features, and, often, illustrations. Because of the difficulty in obtaining complete collections and accurate determinations and the complexity of resolving synonymies and other taxonomic problems, the production of a flora of a diverse tropical area such as Iwokrama is necessarily a long term project. The flora of La Selva Biological Station in Costa Rica, which at 1500 hectares is a small fraction of the area of the Iwokrama Forest's 360,000 ha, has been ongoing for twenty years and has still not been completed (Hammel 1990; Wilbur 1994). The flora of Central French Guiana (Mori et al. 1997), which at 140,000 ha is an area more comparable to that of Iwokrama, is nearing completion after nearly fifteen years effort. Despite the concentrated effort needed for such an endeavor, this work is essential since questions concerning the nature and dynamics of the plant community cannot be adequately addressed without a comprehensive understanding of the flora. Thus, a flora is useful not only for the community of plant taxonomists, but also for ecologists, foresters, ethnobotanists, pharmacognosists, anthropologists, zoologists, and land use planners.

To achieve this goal, more collections will be needed. Collecting efforts should be concentrated in areas that have not been adequately sampled. Although all the existing transects were extensively sampled, these transects give access to but a small fraction of the total area of the Forest. Some suggestions include: areas such as the southern side of the Iwokrama Mtns. and the area between there and the Essequibo River; other portions of the Iwokrama massif accessible from the road other than the two areas reached through the Mt. Daniel transect and the gorge; the upper Siparuni River above Pakutau Falls and Ireng Creek which have not been visited by any research team and which show a distinctive vegetation type in satellite photos; and more comprehensive sampling of unique habitats found in the course of collecting such as, the inselberg vegetation on the summit of Turtle Mountain, the xeric and rheophytic vegetation of sand islands in the Essequibo above Kurupukari, the *Mauritia* swamp forest on the Post Arinda transect, and the natural and undisturbed *Humiria* scrub habitat at the terminus of the western extension of the C–D transect.

It is perhaps necessary to justify the not inconsiderable effort expended to date to document the plant diversity of Iwokrama and to substantiate the need for more work of this type. Plant

collecting in Iwokrama is time-consuming, arduous, demanding of a certain level of skill, both in the field and in follow-up herbarium work, expensive, and even dangerous. This work, however, is a prerequisite for any quantitative or qualitative work associated with the plant diversity of the forest. The ability to pursue floristic research in a pristine area such as the Iwokrama Forest is a rare and irreplaceable opportunity to collect baseline data prior to human disturbance.

ACKNOWLEDGMENTS

We wish to thank the Macushi, Wapisiaana, and Arawak Amerindians of the communities surrounding Iwokrama, particularly Romeo Williams, Claudius Perry, Milner Captain, Daniel Allcock, and Rodrigues Antone, without whose help the field portion of this work would not have been possible. Staff and faculty of the University of Guyana and the Centre for the Study of Biological Diversity on the campus of the University of Guyana, particularly Marlene Cox, Indarjit Ramdass, John Caesar, Phillip da Silva, and Dyantie Naraine, provided assistance with permits. Special thanks are due to the curators and staff of numerous herbaria for the determination of specimens; without their many years of accumulated effort in working with the Guyana flora this work would not have been possible. Scott Mori gave permission to use the checklist of the Flora of Central French Guiana. Mike Hopkins and Ghilleen Prance gave similar permission to use data from the Flora of Reserva Ducke as did Renske Ek for the checklist of the Mabura Hill area. Particular gratitude is extended to Carol Kelloff for many intercessions on behalf of the authors. Vijay Datadin of Iwokrama and Naseem Nasir of the University of Guyana provided GIS coverages for the base maps. Peter Jørgensen and Toby Pennington provided helpful comments on the manuscript. Funding was provided by the United Nations Development Programme through the Iwokrama International Centre for Rainforest Conservation and Development, the Biological Diversity of the Guianas Program of the Smithsonian Institution, and in the form of a postdoctoral fellowship to HDC from the Office of Biodiversity Programs of the Smithsonian Institution. This is publication No. 46 in the Biological Diversity of the Guianas publication series.

REFERENCES

- BOGGAN, J., V. FUNK, C. KELLOFF, M. HOFF, G. CREMERS, and C. FEUILLET. 1997. Checklist of the plants of the Guianas (Guyana, Suriname, French Guiana). 2nd Edition. Biological Diversity of the Guianas Program, Department of Botany, National Museum of Natural History, Smithsonian Institution, Washington, DC.
- CLARKE, H.D. and V. FUNK. Submitted. Using Checklists and Collections Data to Investigate Plant Diversity. II. An analysis of five florulas from northeastern South America. *Ann. Missouri Bot. Gard.*
- DAVIS, T.A.W. and P.W. RICHARDS. 1933. The vegetation of Moraballi Creek, British Guiana. An ecological study of a limited area of tropical rain forest I. *J. Ecol.* 21:350–384.
- DAVIS, T.A.W. and P.W. RICHARDS. 1934. The vegetation of Moraballi Creek, British Guiana. An ecological study of a limited area of tropical rain forest II. *J. Ecol.* 22:106–115.
- EDEN, M.J. 1964. The savanna ecosystem—northern Rupununi, British Guiana. McGill University Savanna Research Project, Savanna Research Series No. 1. Dept. of Geography, McGill University, Montreal, Canada.
- EDEN, M.J. 1973. The savanna environment, Guyana, I. Some aspects of weathering and landforms. II. Savanna vegetation in the northern Rupununi. McGill University Savanna Research Project, Savanna Research Series No. 17. Dept. of Geography, McGill University, Montreal, Canada.
- EK, R.C. 1990. Index of Guyana plant collectors. In: A.R.A. Görts-van Rijn, (ed.). *Flora of the Guianas*. Supplementary series 1. Koeltz Scientific Books, Koenigstein, Germany.
- EK, R.C. and H. TER STEEGE. 1997. The flora of the Mabura Hill area, Guyana. In: R.C. Ek. *Botanical diversity in the tropical rainforest of Guyana*. Tropenbos-Guyana Series 4. Pp. 91–142. Tropenbos-Guyana Programme, Georgetown, Guyana.
- FROST, D.B. 1968. The climate of the rupununi savannas. McGill University Savanna Research Project, Savanna Research Series No. 12 and Climatological Research Series No. 3. Dept. of Geography, McGill University, Montreal, Canada.
- GENTRY, A.H. 1993. A field guide to the families and genera of woody plants of northwest South America (Colombia, Ecuador, Peru) with supplementary notes on herbaceous taxa. University of Chicago Press, Chicago, IL.
- GUYANA FOREST DEPARTMENT AND FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. 1970. Forest type map of Guyana. Government of Guyana and United Nations Development Programme. Georgetown, Guyana.

- GUYANA INTER-AGENCY COMMITTEE. 1992. Iwokrama Rainforest Programme synopsis. Guyana, Guyana Natural Resources Agency.
- HAMMEL, B. 1990. The distribution of diversity among families, genera, and habit types in the La Selva Flora. In: A. H. Gentry, ed. Four neotropical rainforests. Yale University Press, New Haven, CT.
- HAWKES, M.D. and J.R.D. Wall. 1993. The Commonwealth and Government of Guyana Iwokrama Rain Forest Programme, Phase I, site resource survey, main report. Natural Resources Institute, Overseas Development Administration, Chatham, UK.
- HUBER, O., G. GHARBARRAN, and V. FUNK. 1995. Vegetation map of Guyana. Centre for the Study of Biological Diversity, University of Guyana, Georgetown, Guyana.
- KELLOFF, C.L. and V.A. Funk. 1998. Preliminary checklist of the plants of Kaieteur Falls National Park, Guyana. Biological Diversity of the Guianas Program, Department of Botany, National Museum of Natural History, Smithsonian Institution, Washington, D.C.
- KHAN, Z., S. PAUL, and D. CUMMINGS. 1980. Mabura Hill, upper Demerara forestry project. Soils investigation report no. 1. National Agricultural Research Institute, Mon Repos, Guyana.
- MORI, S., G. CREMERS, C. GRACIE, J.-J. DE GRANVILLE, M. HOFF, and J.D. MITCHELL. 1997. Guide to the vascular plants of central French Guiana. Pt. 1. pteridophytes, gymnosperms, and monocotyledons. Mem. New York Bot. Gard. 76(1):1–422.
- OLIVEIRA, A.A. DE and D.C. DALY. 1999. Geographic distribution of tree species occurring in the region of Manaus, Brazil: Implications for regional diversity and conservation. Biodiversity and Conservation 8:1245–1259.
- OLIVEIRA, A.A. DE and S.A. MORI. 1999. A central Amazonian terra firme forest. I. High tree species richness on poor soils. Biodiversity and Conservation 8:1219–1244.
- RAAIMAKERS, D. 1994. Growth of tropical rain forest trees as dependent on phosphorous supply. Tropenbos Series 11. The Tropenbos Foundation, Wageningen, The Netherlands.
- RIBEIRO, J.E.L. DA S., M.J.G. HOPKINS, A. VICENTINI, C.A. SOTHERS, M.A. DA S. COSTA, J.M. DE BRITO, M.A.D. DE SOUZA, L.H.P. MARTINS, L.G. LOHMANN, P.A.C.L. ASSUNÇÃO, E. DA C. Pereira, C.F. DA SILVA, M.R. MESQUITA, L.C. Procópio. 1999. Flora da Reserva Ducke: Guia de identificação das plantas vasculares de uma floresta de terra-firme na Amazônia Central. Instituto Nacional de Pesquisas da Amazônia, Manaus, Brazil.
- RUTHERFORD, K.G. and T.L. HILLS. 1979. Soils of the Rupununi savanna/forest ecotone—southern Guyana. McGill University Savanna Research Project, Savanna Research Series No. 21. Dept. of Geography, McGill University, Montreal, Canada.
- SINHA, N.K.P. 1968. Geomorphic evolution of the northern Rupununi basin, Guyana. McGill University Savanna Research Project, Savanna Research Series No. 11. Dept. of Geography, McGill University, Montreal, Canada.
- SYSTEMATICS AGENDA 2000. 1994. Systematics Agenda 2000: Charting the biosphere. Technical report. Produced by Systematics Agenda 2000.
- TER STEEGE, H., V.G. JETTEN, M. POLAK, and M.J.A. WERGER. 1993. Tropical rainforest types and soils of a watershed in Guyana. J. Veg. Sci. 4:705–716.
- TER STEEGE, H., R.G.A. BOOT, L.C. BROUWER, J.C. CAESAR, R.C. EK, D.S. HAMMOND, P.P. HARIPERSAUD, P. VAN DER HOOT, V.G. JETTEN, A.J. VAN KEKEM, M.A. KELLMAN, Z. KHAN, A.M. POLAK, T.L. PONS, J. PULLES, D. RAAIMAKERS, S.A. ROSE, J.J. VAN DER SANDEN, and R. ZAGT. 1996. Ecology and logging in a tropical rainforest in Guyana: with recommendations for forest management. The Tropenbos Foundation, Wageningen, The Netherlands.
- WILBUR, R. 1994. Vascular plants: an interim checklist. In: L.A. McDade, S.B. Kamaljit, H.A. Hespenheide, and G.S. Hartshorn, eds. La Selva: Ecology and natural history of a neotropical rainforest. University of Chicago Press, Chicago.
- ZAGT, R.J. 1997. Tree demography in the tropical rain forest of Guyana. Tropenbos-Guyana Series 3. Tropenbos-Guyana Programme, Georgetown, Guyana.

APPENDIX 1

CHECKLIST OF PLANT SPECIES FROM IWOKRAMA AND FOUR OTHER SITES IN NORTHEAST SOUTH AMERICA

Acanthaceae

- | | |
|---|--|
| <i>Aphelandra aurantiaca</i> (Schweidw.) Lindl., S | <i>Justicia potarensis</i> (Bremek.) Wassh., S |
| <i>Beloperone violacea</i> Planch. & Linden, M | <i>Justicia schomburgkiana</i> (Nees) V.A.W. Graham, I |
| <i>Blechum pyramidatum</i> (Lam.) Urb., S | <i>Justicia secunda</i> Vahl, S |
| <i>Chaetochlamys ciliata</i> Lindau, S | <i>Justicia sprucei</i> V.A.W. Graham, S |
| <i>Gynocraterium guianense</i> Bremek., S | <i>Lepidagathis alopecuroidea</i> (Vahl) R. Br. ex Griseb., K, |
| <i>Herpetacanthus rotundus</i> (Lindau) Bremek., S | M, S, D |
| <i>Justicia calycina</i> (Nees) V.A.W. Graham, I | <i>Odontonema schomburgkianum</i> (Nees) Kuntze, K, M |
| <i>Justicia cayennensis</i> (Nees) Lindau, S | <i>Pachystachys coccinea</i> (Aubl.) Nees, S |
| <i>Justicia comata</i> (L.) Lam., D | <i>Polylychnis fulgens</i> Bremek., S |
| <i>Justicia pectoralis</i> Jacq., I, S | <i>Pulchranthus congestus</i> (Lindau) V.M. Baum, Reveal &
Nowicke, S, D |

I = Iwokrama, K = Kaieteur Falls, M = Mabura Hills, S = Saül (Central French Guiana), D = Reserva Ducke

- Pulchranthus variegatus* (Aubl.) V.M. Baum, Reveal & Nowicke, **S**
Rhacodiscus sp., **S**
Ruellia geminiflora Kunth, **I**
Ruellia rubra Aubl., **M, S**
Ruellia saülensis Wassh., **S**
Ruellia sprucei Lindau, **D**
Trichanthera gigantea (Bonpl.) Nees, **I**
- Adiantaceae**
Adiantopsis monticola (Gardner) T. Moore, **K**
Adiantopsis radiata (L.) Fée, **I, S**
Adiantum adiantoides (J. Sm.) C. Chr., **I, S**
Adiantum amazonicum A.R.Sm., **D**
Adiantum cajennense Willd. ex Klotzsch, **I, S, D**
Adiantum cordatum Maxon, **S**
Adiantum dolosum Kunze, **S**
Adiantum fruticosum Poepp. ex Spreng., **S**
Adiantum fuliginosum Fée, **S**
Adiantum glaucescens Klotzsch, **S**
Adiantum latifolium Lam., **I, S**
Adiantum latifolium x serratodentatum, **I**
Adiantum leprieurii Hook., **S**
Adiantum lucidum (Cav.) Sw., **S**
Adiantum macrophyllum Sw., **S**
Adiantum multisorum A. Samp., **D**
Adiantum obliquum Willd., **S**
Adiantum olivaceum Baker, **I**
Adiantum petiolatum Desv., **S**
Adiantum phyllitidis J. Sm., **I**
Adiantum pulverulentum L., **S**
Adiantum rondonii Samp., **I**
Adiantum serratodentatum Humb. & Bonpl. ex Willd., **S**
Adiantum terminatum Kunze ex Miq., **I, K, S**
Adiantum tomentosum Klotzsch, **I, S, D**
Adiantum sp., **M**
Doryopteris sagittifolia (Raddi) J. Sm., **S**
Hemionitis rufa (L.) Sw., **S**
Hemionitis sp., **S**
Pityrogramma calomelanos (L.) Link, **I, M, S, D**
- Alismataceae**
Echinodorus subalatus (Mart.) Griseb., **M**
- Amaranthaceae**
Alternanthera brasiliana (L.) Kuntze, **S**
Alternanthera sessilis (L.) DC., **S, D**
Alternanthera tenella Colla, **S**
Pfaffia glomerata (Spreng.) Pedersen, **S**
- Anacardiaceae**
Anacardium giganteum W. Hancock ex Engl., **K, M**
Anacardium occidentale L., **M, S**
Anacardium parvifolium Ducke, **D**
Anacardium spruceanum Benth. ex Engl., **S, D**
Astronium lecointei Ducke, **D**
Astronium ulei Mattick, **S**
Camposperma gummifera (Benth.) Marchand, **D**
Loxopterygium sagotii Hook.f., **M**
Spondias mombin L., **I, S**
Tapirira bethamiana J.D. Mitch., **S**
Tapirira guianensis Aubl., **I, K, M, S, D**
Tapirira obtusa (Benth.) J.D. Mitch., **M, S, D**
Tapirira retusa Ducke, **D**
- Thyrsodium guianense* Sagot ex Marchand, **I, S**
Thyrsodium puberulum J.D. Mitch. & Daly, **S**
Thyrsodium spruceanum Salzm. ex Benth., **S, D**
- Anisophylleaceae**
Anisophyllea manausensis Pires & W.A.Rodrigues, **D**
- Annonaceae**
Anaxagorea brevipes Benth., **D**
Anaxagorea dolichocarpa Sprague & Sandwith, **I, M, S**
Anaxagorea manausensis Timmerman, **D**
Anaxagorea phaeocarpa Mart., **D**
Annona amazonica R.E. Fr., **D**
Annona ambotay Aubl., **S, D**
Annona foetida Mart., **D**
Annona glabra L., **K**
Annona haematantha Miq., **I, M, S, D**
Annona hypoglauca Mart., **I**
Annona impressivenia Saff. ex R.E. Fr., **D**
Annona montana Macfad., **I**
Annona muricata L., **S**
Annona nitida Mart., **D**
Annona paludosa Aubl., **S**
Annona sericea Dunal, **I, M**
Annona symphyocarpa Sandwith, **I, K, M**
Annona sp. nov. aff. *excellens* R.E. Fr., **D**
Bocageopsis mattogrossensis (R.E. Fr.) R.E. Fr., **D**
Bocageopsis multiflora (Mart.) R.E. Fr., **I, M, D**
Bocageopsis pleiosperma Maas, **D**
Cardiopetalum surinamense R.E. Fr., **S**
Crematosperma brevipes (DC. ex Dunal) R.E. Fr., **S**
Cymbopetalum brasiliense (Vell.) Benth., **I, M, S**
Cymbopetalum euneurum N.A.Murray, **D**
Diclinanona calycina (Diels) R.E. Fr., **D**
Duguetia arenicola Maas, **D**
Duguetia astrotricha (Diels) R.E. Fr., **D**
Duguetia cadaverica Huber, **M, S**
Duguetia calycina Benoist, **I, K, M, S, D**
Duguetia eximia Diels, **S**
Duguetia flagellaris Huber, **D**
Duguetia inconspicua Sagot, **I, M, S**
Duguetia insculpta R.E. Fr., **D**
Duguetia megalocarpa Maas, **D**
Duguetia neglecta Sandwith, **I, M**
Duguetia obovata R.E. Fr., **I**
Duguetia paraensis R.E. Fr., **I**
Duguetia pycnastera Sandwith, **K, M, S, D**
Duguetia quitarensis Benth., **I**
Duguetia riparia Huber, **S, D**
Duguetia stelechantha (Diels) R.E. Fr., **D**
Duguetia surinamensis R.E. Fr., **I, S, D**
Duguetia trunciflora Maas & A.H. Gentry, **D**
Duguetia ulei (Diels) R.E. Fr., **D**
Duguetia sp., **S**
Ephedranthus amazonicus R.E. Fr., **D**
Ephedranthus guianensis R.E. Fr., **M**
Fusaea longifolia (Aubl.) Saff., **I, M, D**
Guatteria atra Sandwith, **M**
Guatteria blepharophylla Mart., **S, D**
Guatteria citriodora Ducke, **I, D**
Guatteria conspicua R.E. Fr., **K**
Guatteria discolor R.E. Fr., **D**
Guatteria foliosa Benth., **D**

- Guatteria guianensis* (Aubl.) R.E. Fr., **D**
Guatteria megalophylla Diels, **D**
Guatteria meliodora R.E. Fr., **D**
Guatteria olivacea R.E. Fr., **D**
Guatteria procera R.E. Fr., **D**
Guatteria punctata (Aubl.) R.A. Howard, **M, S**
Guatteria scandens Ducke, **I**
Guatteria schomburgkiana Mart., **I, M**
Guatteria scytophylla Diels, **D**
Guatteria umbonata R.E. Fr., **K**
Guatteriopsis friesiana W.A. Rodrigues, **D**
Guatteriopsis hispida R.E. Fr., **D**
Malmea manausensis Maas & Miralha, **D**
Oxandra asbeckii (Pulle) R.E. Fr., **M, S**
Oxandra guianensis R.E. Fr., **I, M**
Oxandra xylopioides Diels, **I**
Pseudoxandra coriacea R.E. Fr., **D**
Pseudoxandra cuspidata Maas, **S**
Pseudoxandra sp., **I**
Rollinia cuspidata Mart., **S**
Rollinia elliptica R.E. Fr., **S**
Rollinia exsucca (DC. ex Dunal) A. DC., **I, K, M, S**
Rollinia insignis R.E. Fr., **D**
Tetrameranthus duckei R.E. Fr., **D**
Trigynaea caudata (R.E. Fr.) R.E. Fr., **I, M**
Trigynaea duckei (R.E. Fr.) R.E. Fr., **I, M**
Unonopsis duckei R.E. Fr., **D**
Unonopsis glaucopetala R.E. Fr., **M**
Unonopsis guatterioides (A. DC.) R.E. Fr., **I, M, D**
Unonopsis perrottetii (A. DC.) R.E. Fr., **M, S**
Unonopsis rufescens (Baill.) R.E. Fr., **I, M, S**
Unonopsis stipitata Diels, **I, M, S, D**
Xylopia amazonica R.E. Fr., **D**
Xylopia aromatica (Lam.) Mart., **I, M**
Xylopia benthamii R.E. Fr., **I, K, M, D**
Xylopia calophylla R.E. Fr., **D**
Xylopia cayennensis Maas, **S**
Xylopia crinita R.E. Fr., **D**
Xylopia discreta (L.f.) Sprague & Hutch., **I**
Xylopia emarginata Mart., **D**
Xylopia frutescens Aubl., **S**
Xylopia nitida Dunal, **I, M, S, D**
Xylopia parviflora Spruce, **D**
Xylopia polyantha R.E. Fr., **D**
Xylopia pulcherrima Sandwith, **M**
Xylopia sericea A. St.-Hil., **D**
Xylopia spruceana Benth. ex Spruce, **D**
- Aspidosperma nitidum* Benth. ex Müll. Arg., **D**
Aspidosperma oblongum A. DC., **S**
Aspidosperma parvifolium A. DC., **D**
Aspidosperma sandwithianum Markgr., **M, S, D**
Aspidosperma schultesii Woodson, **S, D**
Aspidosperma spruceanum Benth. ex Müll. Arg., **I, S, D**
Aspidosperma Vargasii A. DC., **I, M**
Condylocarpon amazonicum (Markgr.) Ducke, **S**
Condylocarpon pubiflorum Müll. Arg., **S**
Couma catingae Ducke, **K**
Couma guianensis Aubl., **I, D**
Couma rigida Müll. Arg., **K**
Couma utilis (Mart.) Müll. Arg., **D**
Forsteronia acouci (Aubl.) A. DC., **M, S, D**
Forsteronia gracilis (Benth.) Müll. Arg., **M**
Forsteronia guyanensis Müll. Arg., **I, K, M, S**
Forsteronia schomburgkii (Benth.) Müll. Arg., **K, M**
Geissospermum argenteum Woodson, **S, D**
Geissospermum laevis (Thunb.) Miers, **S**
Geissospermum sericeum Benth. & Hook. f. ex Miers, **M, S**
Geissospermum urceolatum A.H. Gentry, **D**
Himatanthus articulatus (Vahl) Woodson, **K, M, S**
Himatanthus articulatus x bracteatus, **M**
Himatanthus bracteatus (A. DC.) Woodson, **K, D**
Himatanthus speciosus (Müll. Arg.) Plumel, **S**
Himatanthus stenophyllus Plumel, **D**
Himatanthus sucuba (Spruce ex Müll. Arg.) Woodson, **M, D**
Lacmellea aculeata (Ducke) Monach., **I, K, S**
Lacmellea arborescens (Müll. Arg.) Markgr., **D**
Lacmellea gracilis (Müll. Arg.) Markgr., **D**
Lacmellea utilis (Arn.) Markgr., **M**
Laxoplumeria baehntiana Monach., **S**
Macoubea guianensis Aubl., **M, S**
Macoubea sprucei (Müll. Arg.) Markgr., **D**
Macropharynx spectabilis (Stadelm.) Woodson, **S**
Malouetia gracilis (Benth.) A. DC., **I, M**
Malouetia tamaquarina (Aubl.) A. DC., **I, M**
Mandevilla benthamii (A. DC.) K. Schum., **K**
Mandevilla hirsuta (Rich.) K. Schum., **I, K**
Mandevilla rugellosa (Rich.) L. Allorge, **S**
Mandevilla scabra (Hoffmanns. ex Roem. & Schult.) K. Schum., **I, D**
Mandevilla subcarcosa (Benth.) Woodson, **K**
Mandevilla trianae Woodson, **K**
Mandevilla vanheurckii (Müll. Arg.) Markgr., **K**
Mesochites trifida (Jacq.) Müll. Arg., **I, K**
Odontadenia geminata (Hoffmanns. ex Roem. & Schult.) Müll. Arg., **M**
Odontadenia macrantha (Roem. & Schult.) Markgr., **I**
Odontadenia nitida (Vahl) Müll. Arg., **I, K**
Odontadenia perrottetii (A. DC.) Woodson, **M, S, D**
Odontadenia puncticulosa (Rich.) Pulle, **K, M, S, D**
Odontadenia verrucosa (Willd. ex Roem. & Schult.) K. Schum. ex Markgr., **M, D**
Pacouria guianensis Aubl., **S**
Parahancornia fasciculata (Poir.) Benoist, **K, M, D**
Prestonia acutifolia (Benth. ex Müll. Arg.) K. Schum., **I, K**
Prestonia annularis (L.f.) G. Don, **K**
Prestonia cayennensis (A. DC.) Pichon, **K**
Prestonia coalita (Vell.) Woodson, **I, K**

Prestonia lindleyana Woodson ex Gleason & A.C. Sm.,

K

Prestonia megagros (Vell.) Woodson, **D**

Prestonia perplexa Woodson, **K**

Prestonia surinamensis Müll. Arg., **M**

Prestonia tomentosa R. Br., **I**

Rauvolfia sprucei Müll. Arg., **D**

Rhigospira quadrangularis (Müll. Arg.) Miers, **D**

Secondatia duckei Markgr., **D**

Tabernaemontana angulata Mart. ex Müll. Arg., **S, D**

Tabernaemontana attenuata (Miers) Urb., **M**

Tabernaemontana cerea (Woodson) Leeuwenb., **K, M**

Tabernaemontana disticha A. DC., **K, M, S**

Tabernaemontana divaricata (L.) R. Br. ex Roem. & Schult., **S**

Tabernaemontana flavicans Willd. ex Roem. & Schult., **S, D**

Tabernaemontana heterophylla Vahl, **I, D**

Tabernaemontana lorifera (Miers) Leeuwenb., **I**

Tabernaemontana macrocalyx Müll. Arg., **K, S, D**

Tabernaemontana muricata Link ex Roem. & Schult., **D**

Tabernaemontana riedelii Müll. Arg., **D**

Tabernaemontana rupicola Benth., **K**

Tabernaemontana sananho Ruiz & Pav., **S**

Tabernaemontana siphilitica (L.f.) Leeuwenb., **I, S**

Tabernaemontana undulata Vahl, **I, M, D**

Aquifoliaceae

Ilex fanshawei Edwin, **K**

Ilex jenmanii Loes., **K**

Ilex martiniana D. Don, **K, M**

Ilex soderstromii Edwin, **K**

Ilex sp. 1, **D**

Araceae

Anaphyllopsis americana (Engl.) A. Hay, **S**

Anthurium bonplandii G.S. Bunting, **D**

Anthurium clavigerum Poepp., **S**

Anthurium cowanii Croat, **K**

Anthurium crassinervium (Jacq.) Schott, **K, S**

Anthurium eminens Schott, **D**

Anthurium expansum Gleason, **I, K**

Anthurium gracile (Rudge) Schott, **I, M, S, D**

Anthurium hookeri Kunth, **K, M, S**

Anthurium jenmanii Engl., **K, M, S**

Anthurium kunthii Poepp., **K**

Anthurium pentaphyllum (Aubl.) G. Don, **K, S, D**

Anthurium rubrinervium (Link) G. Don, **S**

Anthurium scandens (Aubl.) Engl., **S**

Anthurium sinuatum Benth. ex Schott, **D**

Anthurium thrinax Madison, **I, S**

Anthurium trinerve Miq., **I, K, M, S, D**

Caladium bicolor (Aiton) Vent., **I, S**

Dieffenbachia elegans A.M.E. Jonker & Jonker, **S, D**

Dieffenbachia humilis Poepp., **S**

Dieffenbachia paludicola N.E. Br. ex Gleason, **M, S**

Dieffenbachia seguine (Jacq.) Schott, **S**

Dracontium longipes Engl., **D**

Dracontium polyphyllum L., **S**

Heteropsis flexuosa (Kunth) G.S. Bunting, **I, M, S, D**

Heteropsis macrophylla A.C. Sm., **D**

Heteropsis melinonii (Engl.) A.M.E. Jonker & Jonker, **I**

Heteropsis riedeliana Schott, **D**

Heteropsis spruceana Schott, **I, S, D**

Heteropsis steyermarkii G.S. Bunting, **D**

Heteropsis tenuispadix G.S. Bunting, **D**

Monstera adansonii Schott, **I, S**

Monstera dubia (Kunth) Engl. & K. Krause, **M, S**

Monstera obliqua Miq., **I, S, D**

Monstera spruceana (Schott) Engl., **M, S**

Monstera sp., **S**

Montrichardia arborescens (L.) Schott, **I, K, M, D**

Montrichardia linifera (Arruda) Schott, **I**

Philodendron asplundii Croat ined., **D**

Philodendron barrosoanum G.S. Bunting, **D**

Philodendron billietiae Croat, **S, D**

Philodendron brevispathum Schott, **D**

Philodendron callosum K. Krause, **K, M, S, D**

Philodendron camposportoanum G.M. Barroso, **I**

Philodendron cremersii Croat & Grayum, **S**

Philodendron cuneatum Engl., **D**

Philodendron deflexum Poepp. ex Schott, **I, S, D**

Philodendron distantilobum K. Krause, **D**

Philodendron duckei Croat & Grayum, **S**

Philodendron ecardatum Schott, **M**

Philodendron elaphoglossoides Schott, **D**

Philodendron fragrantissimum (Hook.) G. Don, **I, K, M, S, D**

Philodendron goeldii G.M. Barroso, **S, D**

Philodendron grandifolium (Jacq.) Schott, **S**

Philodendron guianense Croat & Grayum, **S**

Philodendron hederaceum (Jacq.) Schott, **S**

Philodendron hylaeae G.S. Bunting, **I, D**

Philodendron insigne Schott, **I, K, M, S, D**

Philodendron jenmanii K. Krause, **I**

Philodendron linnaei Kunth, **I, K, M, S, D**

Philodendron melinonii Brongn. ex Regel, **S, D**

Philodendron muricatum Willd. ex Schott, **I**

Philodendron ornatum Schott, **I, K, S, D**

Philodendron pedatum (Hook.) Kunth, **I, K, M, S, D**

Philodendron placidum Schott, **I, S**

Philodendron platypodium Gleason, **D**

Philodendron pulchellum Engl., **D**

Philodendron pulchrum G.M. Barroso, **D**

Philodendron quinquelobum K. Krause, **D**

Philodendron rudgeanum Schott, **I, M, S**

Philodendron scandens K. Koch & Sello, **M, S**

Philodendron solimoesense A.C. Sm., **I, M, S**

Philodendron sphalerum Schott, **S, D**

Philodendron squamiferum Poepp., **S**

Philodendron surinamense (Miq.) Engl., **I, M, S, D**

Philodendron wittianum Engl., **S**

Pistia stratiotes L., **K**

Rhodospatha brachypoda G.S. Bunting, **S**

Rhodospatha latifolia Poepp., **S**

Rhodospatha oblongata Poepp., **I, S**

Rhodospatha venosa Gleason, **M, S, D**

Schismatoglottis spruceana (Schott) G.S. Bunting, **D**

Spathiphyllum cuspidatum Schott, **I, K, M**

Spathiphyllum humboldtii Schott, **S**

Spathiphyllum maguirei G.S. Bunting, **D**

Stenospermatum maguirei A.M.E. Jonker & Jonker, **I, K, M**

Stenospermatum multiovulatum (Engl.) N.E. Br., **S**

Stenospermatum spruceanum Schott, **K**

- Syngonium podophyllum* Schott, **I, S**
Urospatha sagittifolia (Rudge) Schott, **I, K, M, D**
Xanthosoma granvillei Croat & S.A. Thomps., **S**
Xanthosoma striolatum Mart. ex Schott, **S**
Xanthosoma violaceum Schott, **S**
- Araliaceae**
- Dendropanax* sp., **M**
Oreopanax capitatus (Jacq.) Decne. & Planch., **S**
Schefflera decaphylla (Seem.) Harms, **I, M, S**
Schefflera morototoni (Aubl.) Maguire, Steyererm. & Frodin, **S, D**
Schefflera umbrosa Frodin ined., **D**
- Arecaceae**
- Astrocaryum aculeatum* G. Mey., **D**
Astrocaryum gynacanthum Mart., **I, M, S, D**
Astrocaryum murumuru Mart., **S, D**
Astrocaryum paramaca Mart., **S**
Astrocaryum sciophilum (Miq.) Pulle, **I, S, D**
Bactris acanthocarpa Mart., **M, S, D**
Bactris acanthocarpoides Barb. Rodr., **S, D**
Bactris aubletiana Trail, **S**
Bactris campestris Poepp. ex Mart., **K**
Bactris constanciae Barb. Rodr., **D**
Bactris corossilla H. Karst., **I, K**
Bactris elegans Barb. Rodr., **I, S, D**
Bactris floccosa Spruce, **S**
Bactris gasipaes Kunth, **S**
Bactris gastoniana Barb. Rodr., **S, D**
Bactris hirta Mart., **K, S, D**
Bactris maraja Mart., **S, D**
Bactris oligocarpa Barb. Rodr. & Trail ex Barb. Rodr., **S**
Bactris oligoclada Burret, **I, K, M**
Bactris pliniana Granv. & An. Hend., **S**
Bactris ptariana Steyererm., **I, K, M, D**
Bactris raphidacantha Wess. Boer, **S**
Bactris simplicifrons Mart., **I, K, S, D**
Bactris syagroides Trail, **D**
Bactris tomentosa Mart., **D**
Bactris trailiana Barb. Rodr., **D**
Desmoncus macroacanthos Mart., **K, M, S**
Desmoncus orthacanthos Mart., **I**
Desmoncus phoenicocarpus Barb. Rodr., **K**
Desmoncus polyacanthos Mart., **D**
Dictyocaryum ptarianum (Steyererm.) H.E. Moore & Steyererm., **K**
Euterpe catinga Wallace, **D**
Euterpe oleracea Mart., **I, M, S**
Euterpe precatoria Mart., **S, D**
Geonoma aspidiifolia Spruce, **D**
Geonoma baculifera (Poit.) Kunth, **I, S**
Geonoma deversa (Poit.) Kunth, **I, S, D**
Geonoma euspatha Burret, **I, S**
Geonoma maxima (Poit.) Kunth, **I, M, S, D**
Geonoma stricta (Poit.) Kunth, **S, D**
Geonoma umbraculiformis Wess. Boer, **S**
Geonoma sp., **K**
Hyospathe elegans Mart., **S, D**
Iriartella setigera (Mart.) H. Wendl., **D**
Jessenia-Oenocarpus complex, **K**
Manicaria saccifera Gaertn., **D**
Mauritia flexuosa L.f., **M, D**
- Mauritiella aculeata* (Kunth) Burret, **K, D**
Mauritiella martiana (Spruce) Burret, **I**
Maximiliana maripa (Aubl.) Drude, **I, M, D**
Oenocarpus bacaba Mart., **I, M, S, D**
Oenocarpus bataua Mart., **I, M, S, D**
Oenocarpus minor Mart., **D**
Oenocarpus sp., **K**
Orbignya sagottii Trail ex Thurn, **I, D**
Scheelea sp., **S, D**
Socratea exorrhiza (Mart.) H. Wendl., **I, S, D**
Syagrus inajai (Spruce) Becc., **S, D**
- Aristolochiaceae**
- Aristolochia bukuti* Poncy, **S**
Aristolochia consimilis Mast., **M**
Aristolochia cremersii Poncy, **S**
Aristolochia daemoninoxia Mast., **M**
Aristolochia didyma S. Moore, **S**
Aristolochia iquitensis O.C. Schmidt, **I, S**
Aristolochia rugosa Lam., **M**
Aristolochia stahelii O.C. Schmidt, **S**
Aristolochia surinamensis Willd., **I**
Aristolochia trilobata L., **S**
Aristolochia weddellii Duch., **M**
Aristolochia sp., **D**
- Asclepiadaceae**
- Asclepias curassavica* L., **K, S**
Blepharodon nitidus (Vell.) J.F. Macbr., **K, M**
Matelea badilloi Morillo, **D**
Matelea graciae Morillo, **S**
Matelea palustris Aubl., **K, M, S**
Matelea stenopetala Sandwith, **I, K, M**
Metalepis albiflora Urb., **S**
Tassadia guianensis Decne., **I**
Tassadia propinqua Decne., **K, M**
- Aspleniaceae**
- Asplenium abscissum* Willd., **S**
Asplenium angustum Sw., **I, M, S, D**
Asplenium auriculatum Sw., **I**
Asplenium auritum Sw., **M, S**
Asplenium cristatum Lam., **I**
Asplenium cuneatum Lam., **K**
Asplenium hostmannii Hieron., **S**
Asplenium juglandifolium Lam., **S, D**
Asplenium laetum Sw., **S**
Asplenium pedicularifolium A. St.-Hil., **S**
Asplenium rutaceum (Willd.) Mett., **S**
Asplenium salicifolium L., **K, D**
Asplenium serratum L., **I, K, M, S, D**
Asplenium zamiifolium Willd., **K**
- Asteraceae**
- Acanthospermum australe* (Loefl.) Kuntze, **K, M**
Acmella brachygloussa Cass., **S**
Acmella uliginosa (Sw.) Cass., **S**
Bidens cynapiifolia Kunth, **K, M, S**
Bidens pilosa L., **S**
Calea caleoides (DC.) H. Rob., **I, M**
Calea lucidivenia Gleason & S. F. Blake, **K**
Calea oliveri B.L. Rob. & Greenm., **K**
Calea solidaginea Kunth, **I**
Centratherum punctatum Cass., **I**

- Centratherum* sp. 1, **D**
Chromolaena odorata (L.) R.M. King & H. Rob., **M, S**
Chromolaena squalida (DC.) R.M. King & H. Rob., **I**
Clibadium surinamense L., **K**
Clibadium sylvestre (Aubl.) Baill., **I, M, S**
Conyza bonariensis (L.) Cronquist, **M**
Conyza floribunda Kunth, **D**
Cyanthillium cinereum (L.) H. Rob., **M, S**
Eclipta prostrata (L.) L., **I, S**
Elephantopus mollis Kunth, **K, S, D**
Eleutheranthera ruderalis (Sw.) Sch. Bip., **I**
Emilia fosbergii Nicolson, **K**
Emilia sonchifolia (L.) DC. ex Wight, **K, M, S**
Erechtites hieracifolia (L.) Raf. ex DC., **K, M, S, D**
Eupatorium sp. 1, **D**
Gnaphalium polycaulon Pers., **I**
Hebeclinium macrophyllum (L.) DC., **S**
Lepidaploa cotoneaster (Willd. ex Spreng.) H. Rob., **K**
Lepidaploa gracilis (Kunth) H. Rob., **I, K, M**
Lepidaploa remotiflora (Rich.) H. Rob., **K, M**
Mikania banisteriae DC., **K**
Mikania congesta DC., **I**
Mikania gleasonii B.L. Rob., **I, M, S**
Mikania guaco Bonpl., **S**
Mikania hookeriana DC., **I, K, M**
Mikania lindleyana DC., **I**
Mikania microptera DC., **S**
Mikania parviflora (Aubl.) H. Karst., **I, K, S**
Mikania psilostachya DC., **I, K, M, D**
Mikania sprucei Baker, **K**
Mikania trinitaria DC., **I**
Piptocarpha triflora (Aubl.) Benn. ex Baker, **I**
Porophyllum ruderales (Jacq.) Cass., **M**
Pseudelephantopus funkii (Turcz.) Philipson, **D**
Rolandra fruticosa (L.) Kuntze, **I, K, S, D**
Sphagneticola trilobata (L.) Pruski, **S**
Spilanthes acmella (L.) Murray, **D**
Synedrella nodiflora (L.) Gaertn., **S**
Trichospora verticillata (L.) S.F. Blake, **I**
Unxia camphorata L.f., **K, M**
Wedelia paludosa DC., **D**
Wulffia baccata (L.) Kuntze, **I, K, M, S**
- Balanophoraceae**
Helosis cayennensis (Sw.) Spreng., **I, K, S**
- Begoniaceae**
Begonia fischeri Schrank, **K**
Begonia glabra Aubl., **S**
Begonia guaduensis Kunth, **I**
Begonia heloisana Brade, **I**
Begonia humilis Dryand., **M, S**
Begonia jenmanii Tutin, **K**
Begonia prieurii DC., **K, S**
- Bignoniaceae**
Adenocalymna impressum (Rusby) Sandwith, **D**
Adenocalymna inundatum Mart. ex DC., **I**
Adenocalymna saulense C.C. Berg & Kooy, **S**
Adenocalymna subincanum Huber, **D**
Amphilophium paniculatum (L.) Kunth, **S**
Anemopaegma chrysoleucum (Kunth) Sandwith, **I**
Anemopaegma floridum Mart. ex DC., **D**
Anemopaegma foetidum Bureau & K. Schum., **M, D**
Anemopaegma ionanthum A.H. Gentry, **S, D**
Anemopaegma oligoneuron (Sprague & Sandwith) A.H. Gentry, **M, S**
Anemopaegma parkeri Sprague, **M**
Anemopaegma robustum Bureau & K. Schum., **K, D**
Arrabidaea bilabiata (Sprague) Sandwith, **I**
Arrabidaea candicans (Rich.) DC., **I, K, M, S**
Arrabidaea chica (Bonpl.) B. Verl., **D**
Arrabidaea cinnamomea (A. DC.) Sandwith, **S, D**
Arrabidaea egenesis Bureau & K. Schum., **M**
Arrabidaea fanshawei Sandwith, **M, S, D**
Arrabidaea florida DC., **I, S**
Arrabidaea inaequalis (DC. ex Splitg.) K. Schum., **I, S, D**
Arrabidaea japurensis (DC.) Bureau & K. Schum., **S**
Arrabidaea mollis (Vahl) Bureau ex K. Schum., **M, S**
Arrabidaea nigrescens Sandwith, **S, D**
Arrabidaea oligantha Bureau & K. Schum., **S**
Arrabidaea patellifera (Schltdl.) Sandwith, **M, S**
Arrabidaea prancei A.H. Gentry, **D**
Arrabidaea trailii Sprague, **M, S, D**
Arrabidaea triplinervia (Mart. ex DC.) Baill. ex Bureau, **S, D**
Callichlamys latifolia (Rich.) K. Schum., **M, S, D**
Clytostoma binatum (Thunb.) Sandwith, **I, K, M, S**
Clytostoma sciuripabulum Bureau & K. Schum., **M**
Cydista aequinoctialis (L.) Miers, **I, M, S, D**
Digomphia densicoma (Mart. ex DC.) Pilg., **K**
Distictella elongata (Vahl) Urb., **I, K, M, S, D**
Distictella magnoliifolia (Kunth) Sandwith, **K, M**
Distictella parkeri (DC.) Sprague & Sandwith, **K, M, D**
Distictis pulverulenta (Sandwith) A.H. Gentry, **D**
Jacaranda copaia (Aubl.) D. Don, **I, K, M, S, D**
Jacaranda obtusifolia Bonpl., **I, K**
Leucocalantha aromatica Barb.Rodr., **D**
Lundia corymbifera (Vahl) Sandwith, **S**
Lundia densiflora DC., **I, D**
Lundia erionema DC., **M**
Macfadyena unguis-cati (L.) A.H. Gentry, **S**
Manaosella cordifolia (DC.) A.H. Gentry, **D**
Mansoa alliacea (Lam.) A.H. Gentry, **S, D**
Mansoa standleyi (Steyerm.) A.H. Gentry, **S**
Martinella iquitosensis A. Samp., **D**
Martinella obovata (Kunth) Bureau & K. Schum., **K, M, S, D**
Memora adenophora Sandwith, **D**
Memora bracteosa (DC.) Bureau ex K. Schum., **M, D**
Memora flavida (DC.) Bureau & K. Schum., **M, S, D**
Memora flaviflora (Miq.) Pulle, **D**
Memora longilinea A. Samp., **D**
Memora moringifolia (DC.) Sandwith, **M, S, D**
Memora racemosa A.H. Gentry, **I, M, S, D**
Memora schomburgkii (DC.) Miers, **I, K, M**
Memora tanaeccarpa A.H. Gentry, **S, D**
Mussatia hyacinthina (Standl.) Sandwith, **I**
Mussatia prieuriei (DC.) Bureau ex K. Schum., **M**
Parabignonia steyermarkii Sandwith, **I, M, S**
Paragonia pyramidata (Rich.) Bureau, **I, K, M, S**
Periarrabidaea truncata A. Samp., **D**
Phryganocydia corymbosa (Vent.) Baill., **K, M**
Pithecoctenium crucigerum (L.) A.H. Gentry, **S**
Pleonotoma albiflora (Salzm. ex DC.) A.H. Gentry, **M, S, D**

- Plenotoma clematis* (Kunth) Miers, **I, M**
Plenotoma dendrotricha Sandwith, **S**
Plenotoma echitidea Sprague & Sandwith, **M**
Plenotoma jasmminifolia (Kunth) Miers, **D**
Potamogonos microcalyx (G. Mey.) Sandwith, **M**
Pyrostegia cinerea Bureau ex K. Schum., **D**
Roentgenia sordida (Bureau & K. Schum.) Sprague & Sandwith, **M**
Schlegelia fuscata A.H. Gentry, **S**
Schlegelia paraensis Ducke, **M, S, D**
Schlegelia spruceana Bureau & K. Schum., **K, D**
Schlegelia violacea (Aubl.) Griseb., **K, M**
Spathicalyx duckei (A. Samp.) A.H. Gentry, **D**
Stizophyllum riparium (Kunth) Sandwith, **S, D**
Tabebuia capitata (Bureau & K. Schum.) Sandwith, **S**
Tabebuia incana A.H. Gentry, **D**
Tabebuia insignis (Miq.) Sandwith, **I, K, M**
Tabebuia serratifolia (Vahl) G. Nicholson, **M, S, D**
Tabebuia stenocalyx Sprague & Stapf, **I**
Tabebuia subtilis Sprague & Sandwith, **K**
Tanaecium jaroba Sw., **I**
Tanaecium nocturnum (Barb. Rodr.) Bureau & K. Schum., **S**
Tynanthus panurensis (Bureau) K. Schum., **D**
Tynanthus polyanthus (Bureau) Sandwith, **S**
Tynanthus pubescens A.H. Gentry, **S**
Tynanthus sp., **I**
- Bixaceae**
Bixa orellana L., **I, K, S**
Cochlospermum orinocense (Kunth) Steud., **I**
- Blechnaceae**
Blechnum gracile Kaulf., **S**
Blechnum serrulatum Rich., **K, M**
Salpichlaena hookeriana (Kuntze) Alston, **D**
Salpichlaena volubilis (Kaulf.) J. Sm., **S, D**
- Bombacaceae**
Bombacopsis macrocalyx (Ducke) A. Robyns, **D**
Bombacopsis nervosa (Uittien) A. Robyns, **D**
Carolinea minor Sims, **D**
Catostemma albuquerquei Paula, **D**
Catostemma commune Sandwith, **I, K, M**
Catostemma fragrans Benth., **I, K, M**
Catostemma milanezii Paula, **D**
Catostemma sclerophyllum Ducke, **D**
Catostemma sp., **S**
Ceiba pentandra (L.) Gaertn., **S**
Eriotheca globosa (Aubl.) A. Robyns, **S, D**
Eriotheca longitubulosa A. Robyns, **D**
Eriotheca macrophylla (K. Schum.) A. Robyns, **D**
Huberodendron swietenoides (Gleason) Ducke, **S, D**
Matisia ochrocalyx K. Schum., **S**
Pachira aquatica Aubl., **I, K**
Pachira insignis (Sw.) Sw. ex Savigny, **I, S**
Quararibea duckei Huber, **S**
Quararibea guianensis Aubl., **S**
Quararibea lasiocalyx (K. Schum.) Vischer, **S**
Quararibea spatulata Ducke, **S**
Rhodognaphalopsis duckei A. Robyns, **D**
Rhodognaphalopsis faroensis (Ducke) A. Robyns, **D**
Rhodognaphalopsis flaviflora (Pulle) A. Robyns, **K, M**
- Rhodognaphalopsis minor* (Sims) A. Robyns, **K, D**
Scleronema micranthum (Ducke) Ducke, **D**
- Bonnetiaceae**
Archytaea triflora Mart., **K**
Bonnetia sessilis Benth., **K**
- Boraginaceae**
Cordia alliodora (Ruiz & Pav.) Oken, **I, S**
Cordia bicolor DC., **M, S**
Cordia exaltata Lam., **I, M, S**
Cordia fallax I.M. Johnst., **I, M**
Cordia goeldiana Huber, **S**
Cordia grandiflora (Desv.) Kunth, **I**
Cordia hirta I.M. Johnst., **S**
Cordia lomitoloba I.M. Johnst., **S**
Cordia naidophilla I.M. Johnst., **D**
Cordia nervosa Lam., **K, M, S**
Cordia nodosa Lam., **I, K, M, S, D**
Cordia sagotii I.M. Johnst., **I, M, S, D**
Cordia schomburgkii DC., **I, M, S**
Cordia silvestris Presen., **D**
Cordia sprucei Mez, **D**
Cordia tetrandra Aubl., **I**
Cordia trachyphylla C.Mart., **D**
Heliotropium filiforme Lehm., **I, M**
Heliotropium ternatum Vahl, **I**
Tournefortia bicolor Sw., **S**
Tournefortia cuspidata Kunth, **I**
Tournefortia hirsutissima L., **I**
Tournefortia maculata Jacq., **S**
Tournefortia melanochaeta DC., **I**
Tournefortia paniculata Cham., **S**
Tournefortia ulei Vaupel, **I, K, M, S**
- Bromeliaceae**
Aechmea aquilega (Salisb.) Griseb., **K, S**
Aechmea beeriana L.B. Sm. & M.A. Spencer, **D**
Aechmea brassicoides Baker, **K**
Aechmea bromeliifolia (Rudge) Baker, **I, K, M, S, D**
Aechmea contracta (Mart. ex Schult.f.) Baker, **D**
Aechmea fernandae (E. Morren) Baker, **D**
Aechmea lingulata (L.) Baker, **S**
Aechmea melinonii Hook., **M, S**
Aechmea mertensii (G. Mey.) Schult. & Schult.f., **I, K, M, S, D**
Aechmea nudicaulis (L.) Griseb., **K**
Aechmea rodriguesiana (L.B.Sm) L.B.Sm., **D**
Aechmea setigera Mart. ex Schult.f., **D**
Aechmea tillandsioides (Mart. ex Schult.f.) Baker, **I, K, M**
Aechmea tocatina Baker, **K, S**
Ananas ananassoides (Baker) L.B. Sm., **K**
Ananas paraguayensis L.A. Camargo & L.B. Sm., **I, K**
Ananas sp., **M**
Araeococcus flagellifolius Harms, **S**
Araeococcus micranthus Brongn., **S, D**
Billbergia violacea Beer, **S**
Billbergia sp., **K**
Brocchinia micrantha (Baker) Mez, **K**
Brocchinia reducta Baker, **K**
Bromelia plumieri (E. Morren) L.B. Sm., **M**
Bromelia tubulosa L.B. Sm., **D**

- Catopsis berteroniana* (Schult. & Schult.f.) Mez, **K, M, S**
Catopsis sessiliflora (Ruiz & Pav.) Mez, **S**
Disteganthus basi-lateralis Lem., **S**
Disteganthus lateralis (L.B. Sm.) Gouda, **S**
Gravisia rodriguesiana L.B. Sm., **D**
Guzmania altsonii L.B. Sm., **K, S**
Guzmania brasiliensis Ule, **D**
Guzmania lingulata (L.) Mez, **I, K, M, S, D**
Guzmania melinonis Regel, **S**
Guzmania roezlii (E. Morren) Mez, **I, M**
Guzmania squarrosa (Mez & Sodiro) L.B. Sm. & Pittendr., **K**
Lindmania guianensis (Beer) Mez, **K**
Navia angustifolia (Baker) Mez, **K**
Navia sandwithii L.B. Sm., **K**
Neoregelia eleutheropetala (Ule) L.B.Sm., **D**
Pitcairnia caricifolia Mart. ex Schult.f., **K, M**
Pitcairnia geyskesii L.B. Sm., **S**
Pitcairnia lepreurii Baker, **S**
Pitcairnia maidifolia (C. Morren) Decne. ex Planch. & Linden, **K**
Pitcairnia nuda Baker, **K**
Pitcairnia sastrei L.B. Sm. & Read, **S**
Pitcairnia sprucei Baker, **I, D**
Streptocalyx longifolius (Rudge) Baker, **M, S, D**
Tillandsia adpressiflora Mez, **K, S**
Tillandsia anceps Lodd., **K, M, S**
Tillandsia bulbosa Hook., **K, M, S**
Tillandsia fasciculata Sw., **M, S**
Tillandsia fendleri Griseb., **K**
Tillandsia jenmanii Baker, **K**
Tillandsia kegeliana Mez, **S**
Tillandsia monadelphina (E. Morren) Baker, **M, S**
Tillandsia paraensis Mez, **S**
Tillandsia spiculosa Griseb., **K, M, S**
Tillandsia tenuifolia L., **M, S**
Tillandsia sp., **D**
Vriesea amazonica (Baker) Mez, **M, S**
Vriesea gladioliflora (H. Wendl.) Antoine, **K, M, S**
Vriesea pleiosticha (Griseb.) Gouda, **K, S**
Vriesea rubra (Ruiz & Pav.) Beer, **M**
Vriesea sodestromii L.B. Sm., **K**
Vriesea splendens (Brongn.) Lem., **K, S**
Vriesea splitgerberi (Mez) L.B. Sm. & Pittendr., **D**
Vriesea viridiflora (Regel) Wittm. ex Mez, **K**
- Burmanniaceae**
- Apteria aphylla* (Nutt.) Barnhart ex Small, **K, S**
Apteria sp. 1, **D**
Burmannia bicolor Mart., **K**
Burmannia capitata (Walter ex J.F. Gmel.) Mart., **K**
Burmannia tenella Benth., **K**
Campylosiphon purpurascens Benth., **I, K, M, S, D**
Cymbocarpa refracta Miers, **D**
Cymbocarpa saccata Sandwith, **D**
Dictyostegia orobanchoides (Hook.) Miers, **M, S, D**
Gymnosiphon brachycephalus Snelders & Maas, **D**
Gymnosiphon breviflorus Gleason, **I, K, M, S, D**
Gymnosiphon divaricatus (Benth.) Benth. & Hook.f., **I, M, S, D**
Gymnosiphon guianensis Gleason, **K, M**
Gymnosiphon minutus Snelders & Maas, **S, D**
- Gymnosiphon recurvatus* Snelders & Maas, **K**
Gymnosiphon tenellus (Benth.) Urb., **D**
Hexapterella gentianoides Urb., **M, S, D**
Thismia saülensis H. Maas & Maas, **S**
- Burseraceae**
- Bursera graveolens* (Kunth) Triana & Planch., **D**
Crepidospermum goudotianum (Tul.) Triana & Planch., **I, S**
Crepidospermum rhoifolium (Benth.) Triana & Planch., **I**
Dacryodes cuspidata (Cuatrec.) Daly, **D**
Dacryodes nitens Cuatrec., **D**
Dacryodes roraimensis Steyerl. & Maguire, **S**
Dacryodes sp. nov., **D**
Protium altsonii Sandwith, **D**
Protium apiculatum Swart, **S, D**
Protium aracouchini (Aubl.) Marchand, **K, M, S, D**
Protium araguense Cuatrec., **S**
Protium crassipetalum Cuatrec., **D**
Protium cuneatum Swart, **S**
Protium decandrum (Aubl.) Marchand, **I, M, S, D**
Protium demerarense Swart, **K, M, S**
Protium divaricatum Engl., **S, D**
Protium elegans Engl., **D**
Protium ferrugineum (Engl.) Engl., **D**
Protium fimbriatum Swart, **D**
Protium gallosum Daly, **D**
Protium giganteum Engl., **D**
Protium grandifolium Engl., **D**
Protium guianense (Aubl.) Marchand, **I, M, S**
Protium hebetatum Daly, **D**
Protium heptaphyllum (Aubl.) Marchand, **I, M, S, D**
Protium hostmannii (Miq.) Engl., **D**
Protium insigne (Triana & Planch.) Engl., **D**
Protium klugii J.F. Macbr., **D**
Protium laxiflorum Engl., **D**
Protium morii Daly, **S**
Protium nitidifolium (Cuatrec.) Daly, **D**
Protium nodulosum Swart, **D**
Protium occultum Daly, **S**
Protium opacum Swart, **I, S, D**
Protium pallidum Cuatrec., **S, D**
Protium paniculatum Engl., **D**
Protium pedicellatum Swart, **D**
Protium pilosissimum (Engl.) Daly, **S, D**
Protium plagiocarpium Benoist, **S**
Protium poeppigianum Swart, **S**
Protium polybotryum (Turcz.) Engl., **D**
Protium robustum (Swart) D.M. Porter, **S, D**
Protium rubrum Cuatrec., **D**
Protium sagotianum Marchand, **I, S**
Protium spruceanum (Benth.) Engl., **D**
Protium strumosum Daly, **D**
Protium subseratum (Engl.) Engl., **K, S, D**
Protium tenuifolium (Engl.) Engl., **M, S, D**
Protium trifoliolatum Engl., **K, S, D**
Protium unifoliolatum Spruce ex Engl., **D**
Protium sp. nov. ined., **D**
Tetragastris altissima (Aubl.) Swart, **I, M, S**
Tetragastris hostmannii (Engl.) Kuntze, **I**
Tetragastris panamensis (Engl.) Kuntze, **I, S, D**

- Trattinnickia burserifolia* Mart., **K, M, D**
Trattinnickia demerarae Sandwith, **M**
Trattinnickia glaziovii Swart, **D**
Trattinnickia peruviana Loes., **D**
Trattinnickia rhoifolia Willd., **M, S, D**
- Cactaceae**
- Epiphyllum phyllanthus* (L.) Haw., **I, S, D**
Epiphyllum sp., **M**
Rhipsalis baccifera (J.S. Mill.) Stearn, **S**
Rhipsalis sp., **M**
Selenicereus sp., **M**
Selenicereus sp., **S**
- Caesalpinaceae**
- Aldina heterophylla* Spruce ex Benth., **D**
Aldina insignis (Benth.) Endl., **K**
Batesia floribunda Spruce ex Benth., **S, D**
Bauhinia alata Ducke, **D**
Bauhinia cupreonitens Ducke, **D**
Bauhinia guianensis Aubl., **I, K, M, S, D**
Bauhinia outimouta Aubl., **S**
Bauhinia rutilans Spruce ex Benth., **D**
Bauhinia scala-simiae Sandwith, **K, M**
Bauhinia siqueiraei Ducke, **M, S**
Bauhinia stenopetala Ducke, **D**
Bauhinia surinamensis Amshoff, **M, S**
Bocoa alterna (Benth.) R.S. Cowan, **D**
Bocoa viridiflora (Ducke) R.S. Cowan, **S, D**
Brownea sp., **K**
Campsiandra comosa Benth., **I, M**
Campsiandra laurifolia Benth., **I**
Candolleodendron brachystachyum (DC.) R.S. Cowan, **S**
Cassia cowanii H.S. Irwin & Barneby, **I, S**
Cassia fastuosa Willd. ex Benth., **S**
Cassia grandis L.f., **S**
Cassia reticulata Willd., **D**
Cassia rubriflora Ducke, **D**
Cassia spruceana Benth., **S, D**
Chamaecrista adiantifolia (Spruce ex Benth.) H.S. Irwin & Barneby, **I, K, M, D**
Chamaecrista apoucouta (Aubl.) H.S. Irwin & Barneby, **I, K, M**
Chamaecrista diphylla (L.) Greene, **I**
Chamaecrista hispidula (Vahl) H.S. Irwin & Barneby, **I**
Chamaecrista negrensis (H.S. Irwin) H.S. Irwin & Barneby, **D**
Chamaecrista nictitans (L.) Moench, **I**
Copaifera guyanensis Desf., **K, S**
Copaifera multijuga Hayne, **D**
Copaifera sp., **I**
Crudia glaberrima (Steud.) J.F. Macbr., **I, M**
Cynometra bauhiniifolia Benth., **I**
Dialium guianense (Aubl.) Sandwith, **I, S, D**
Dicorynia guianensis Amshoff, **I, S**
Dicorynia paraensis Benth., **D**
Dicymbe altsonii Sandwith, **M**
Dicymbe jenmanii Sandwith, **K**
Dicymbe pharangophila R.S. Cowan, **K**
Dimorphandra coccinea Ducke, **D**
Dimorphandra conjugata (Splitg.) Sandwith, **M**
Dimorphandra cuprea Sprague & Sandwith, **K**
Dimorphandra ignea Ducke, **D**
Dimorphandra macrostachya Benth., **I, K, S**
Dimorphandra multiflora Ducke, **S**
Dimorphandra parviflora Spruce ex Benth., **D**
Dimorphandra pennigera Tul., **D**
Dimorphandra polyandra Benoist, **M**
Dimorphandra rufa Sprague & Sandwith, **K**
Dinizia excelsa Ducke, **D**
Elizabetha coccinea M.R. Schomb. ex Benth., **I, K, M**
Elizabetha durissima Ducke, **M**
Elizabetha princeps M.R. Schomb. ex Benth., **I, K, S**
Elizabetha speciosa Ducke, **D**
Eperua duckeana R.S. Cowan, **D**
Eperua falcata Aubl., **I, K, M, S**
Eperua glabriflora (Ducke) R.S. Cowan, **D**
Eperua grandiflora (Aubl.) Benth., **K, M, S**
Eperua jenmanii Oliv., **I, K, M**
Eperua rubiginosa Miq., **I, K, M**
Eperua schomburgkiana Benth., **I, K, M**
Heterostemon ellipticum Mart. ex Benth., **I**
Hymenaea courbaril L., **K, M, S**
Hymenaea intermedia Ducke, **D**
Hymenaea parvifolia Huber, **D**
Hymenaea reticulata Ducke, **D**
Macrolobium acaciifolium (Benth.) Benth., **I**
Macrolobium angustifolium (Benth.) R.S. Cowan, **K**
Macrolobium arenarium Ducke, **D**
Macrolobium bifolium (Aubl.) Pers., **I, K, M, S**
Macrolobium huberianum Ducke, **K**
Macrolobium jenmanii (Gleason) Sandwith, **M**
Macrolobium limbatum Spruce ex Benth., **D**
Macrolobium microcalyx Ducke, **D**
Macrolobium montanum Ducke, **M**
Macrolobium prancei R.S. Cowan, **D**
Macrolobium suaveolens Spruce ex Benth., **K, D**
Martiodendron excelsum (Benth.) Gleason, **I**
Martiodendron parviflorum (Amshoff) R. Koepfen, **S**
Mora excelsa Benth., **I, M**
Mora gonggrijpii (Kleinhoonte) Sandwith, **M**
Paloue guianensis Aubl., **I, M**
Paloue riparia Pulle, **M**
Peltogyne excelsa Ducke, **D**
Peltogyne paniculata Benth., **M, S, D**
Peltogyne venosa (Vahl) Benth., **I, M**
Recordoxylon speciosum (Benoist) Gazel ex Barneby, **K, S**
Sclerolobium chrysophyllum Poepp., **D**
Sclerolobium eriopetalum Ducke, **D**
Sclerolobium guianense Benth., **M, D**
Sclerolobium melanocarpum Ducke, **D**
Sclerolobium melinonii Harms, **S**
Sclerolobium micropetalum Ducke, **D**
Sclerolobium paraense Huber, **S**
Sclerolobium setiferum Ducke, **D**
Senna alata (L.) Roxb., **S**
Senna chrysoarpa (Desv.) H.S. Irwin & Barneby, **S**
Senna hirsuta (L.) H.S. Irwin & Barneby, **S**
Senna latifolia (G. Mey.) H.S. Irwin & Barneby, **I, K, M, S**
Senna lourteigiana H.S. Irwin & Barneby, **S**
Senna multijuga (Rich.) H.S. Irwin & Barneby, **K**
Senna obtusifolia (L.) H.S. Irwin & Barneby, **S**
Senna occidentalis (L.) Link, **K, S**

- Senna quinquangulata* (Rich.) H.S. Irwin & Barneby, **I, K, M, S, D**
Senna reticulata (Willd.) H.S. Irwin & Barneby, **I, S**
Senna tapajozensis H.S. Irwin & Barneby, **D**
Senna undulata (Benth.) H.S. Irwin & Barneby, **I**
Swartzia amshoffiana R.S. Cowan, **S**
Swartzia arborescens (Aubl.) Pittier, **S, D**
Swartzia benthamiana Miq., **I, M**
Swartzia brachyrachis Harms, **D**
Swartzia corrugata Benth., **D**
Swartzia cuspidata Spruce ex Benth., **D**
Swartzia eriocarpa Benth., **K**
Swartzia grandifolia Bong. ex Benth., **K, M**
Swartzia guianensis (Aubl.) Urb., **M**
Swartzia ingaefolia Ducke, **D**
Swartzia jenmanii Sandwith, **M**
Swartzia laevicarpa Amshoff, **I, K, M**
Swartzia lamellata Ducke, **I, K, D**
Swartzia leiocalycina Benth., **M**
Swartzia leiogyne (Sandwith) R.S. Cowan, **K, M**
Swartzia longipedicellata Sandwith, **M**
Swartzia longistipitata Ducke, **D**
Swartzia oblanceolata Sandwith, **M, D**
Swartzia panacoco (Aubl.) R.S. Cowan, **S, D**
Swartzia polyphylla DC., **S, D**
Swartzia recurva Poepp., **I, D**
Swartzia reticulata Ducke, **D**
Swartzia roraimae Sandwith, **M**
Swartzia schomburgkii Benth., **M, D**
Swartzia sprucei Benth., **M**
Swartzia tessmannii Harms, **D**
Swartzia tillettii R.S. Cowan, **I**
Swartzia tomentifera (Ducke) Ducke, **D**
Swartzia ulei Harms, **D**
Swartzia xanthopetala Sandwith, **M**
Swartzia sp. nov., **M**
Tachigali amplifolia (Ducke) Barneby, **S**
Tachigali guianensis (Benth.) Zarucchi & Herend., **I, S**
Tachigali mymecophila (Ducke) Ducke, **D**
Tachigali paniculata Aubl., **D**
Tachigali plumbea Ducke, **D**
Tachigali pubiflora Benth., **K, M**
Tachigali rushyi Harms, **M**
Vouacapoua americana Aubl., **M, S**
Vouacapoua macropetala Sandwith, **M**
Vouacapoua pallidior Ducke, **D**
- Campanulaceae**
Centropogon cornutus (L.) Druce, **I, K, S**
- Canellaceae**
Cinnamodendron tenuifolium Uittien, **S**
- Capparaceae**
Capparis leprieurii Briq., **S**
Capparis macrophylla Kunth, **D**
Capparis maroniensis Benoist, **M**
Cleome aculeata L., **D**
Cleome sp., **I**
Crateva tapia L., **I**
- Caricaceae**
Jacaratia spinosa (Aubl.) A. DC., **I, S**
- Caryocaraceae**
Anthodiscus mazarunensis Gilly, **K**
Anthodiscus trifolius G. Mey., **I**
Caryocar glabrum (Aubl.) Pers., **I, S, D**
Caryocar microcarpum Ducke, **I, K**
Caryocar nutanum Prance, **I**
Caryocar nuciferum L., **I, M**
Caryocar villosum (Aubl.) Pers., **S, D**
- Caryophyllaceae**
Drymaria cordata (L.) Willd. ex Schult., **K, S, D**
- Cecropiaceae**
Cecropia angulata I.W. Bailey, **K, M**
Cecropia concolor Willd., **D**
Cecropia distachya Huber, **D**
Cecropia latiloba Miq., **D**
Cecropia obtusa Trécul, **M, S**
Cecropia purpurascens C.C. Berg, **D**
Cecropia sciadophylla Mart., **M, S, D**
Coussapoa angustifolia Aubl., **S**
Coussapoa asperifolia Trécul, **I, D**
Coussapoa latifolia Aubl., **M, S, D**
Coussapoa microcephala Trécul, **I, K, M**
Coussapoa orthoneura Standl., **D**
Coussapoa sprucei Mildbr., **D**
Coussapoa trinervia Spruce ex Mildbr., **D**
Coussapoa viridifolia Cuatrec., **I**
Pourouma bicolor Mart., **S, D**
Pourouma cecropiifolia Mart., **D**
Pourouma cucura Standl. & Cuatrec., **D**
Pourouma cuspidata Mildbr., **D**
Pourouma ferruginea Standl., **D**
Pourouma guianensis Aubl., **M, S, D**
Pourouma heterophylla Mart. ex Miq., **D**
Pourouma melinonii Benoist, **S, D**
Pourouma minor Benoist, **S, D**
Pourouma mollis Trécul, **D**
Pourouma myrmecophylla Ducke, **D**
Pourouma ovata Trécul, **D**
Pourouma saulensis C.C. Berg & Kooy, **S**
Pourouma tomentosa Mart. ex Miq., **S, D**
Pourouma velutina Mart. ex Miq., **D**
Pourouma villosa Trécul, **I, S, D**
- Celastraceae**
Goupia glabra Aubl., **I, M, S, D**
Maytenus ebenifolia Reissek, **D**
Maytenus floribunda Reissek, **S**
Maytenus guyanensis Klotzsch ex Reissek, **I, K, D**
Maytenus myrsinoides Reissek, **M, S**
Maytenus oblongata Reissek, **K, S**
- Chrysobalanaceae**
Couepia bracteosa Benth., **I, M, D**
Couepia canomensis (Mart.) Benth. ex Hook.f., **D**
Couepia caryophylloides Benoist, **S**
Couepia cognata (Steud.) Fritsch, **K, M**
Couepia comosa Benth., **I, K, M**
Couepia elata Ducke, **D**
Couepia excelsa Ducke, **M**
Couepia guianensis Aubl., **K, S, D**
Couepia habrantha Standl., **K, S**
Couepia joaquinae Prance, **S**

Couepia longipendula Pilg., D
Couepia magnoliifolia Benth. ex Hook.f., D
Couepia multiflora Benth., I
Couepia obovata Ducke, K, S, D
Couepia paraensis (Mart. & Zucc.) Benth., I
Couepia parillo DC., I, M, S, D
Couepia racemosa Benth. ex Hook.f., D
Couepia robusta Huber, D
Couepia ulei Pilg., D
Hirtella angustissima Sandwith, K
Hirtella bicornis Mart. & Zucc., S, D
Hirtella caduca Fanshawe & Maguire, K
Hirtella davisii Sandwith, M, S
Hirtella duckei Huber, D
Hirtella fasciculata Prance, D
Hirtella glandulosa Spreng., S
Hirtella hispidula Miq., I, K, S
Hirtella myrmecophila Pilg., D
Hirtella paniculata Sw., I, K
Hirtella physophora Mart. & Zucc., S, D
Hirtella piresii Prance, D
Hirtella racemosa Lam., I, K, M, S
Hirtella rodriguesii Prance, D
Hirtella silicea Griseb., I, K, M, S
Hirtella suffulta Prance, S
Hirtella tenuifolia Prance, S
Licania adolphoduckei Prance, D
Licania affinis Fritsch, K
Licania alba (Bernoulli) Cuatrec., I, K, M, S
Licania albiflora Fanshawe & Maguire, S
Licania amapaensis Prance, S
Licania apetala (E. Mey.) Fritsch, I, S, D
Licania boyanii Tutin, I, M
Licania bracteata Prance, D
Licania buxifolia Sandwith, M
Licania canescens Benoist, I, M, S, D
Licania caudata Prance, M, S, D
Licania coriacea Benth., I, M, D
Licania cuprea Sandwith, M
Licania densiflora Kleinhoonte, I, M
Licania discolor Pilg., I, S
Licania divaricata Benth., M
Licania eglei Prance, D
Licania fanshawei Prance, M, S
Licania gracilipes Taub., D
Licania granvillei Prance, S
Licania guianensis (Aubl.) Griseb., M, S
Licania heteromorpha Benth., I, K, M, S, D
Licania hirsuta Prance, D
Licania hypoleuca Benth., M, D
Licania impressa Prance, D
Licania incana Aubl., I, K, M
Licania intrapetiolaris Spruce ex Hook.f., I, M
Licania kunthiana Hook.f., S
Licania laevigata Prance, M, S, D
Licania lata J.F. Macbr., D
Licania latifolia Benth. ex Hook.f., K, D
Licania laxiflora Fritsch, K, M, S, D
Licania leptostachya Benth., I, K, M
Licania licaniiflora (Sagot) S.F. Blake, I
Licania longistyla (Hook.f.) Fritsch, I, D

Licania macrophylla Benth., D
Licania majuscula Sagot, I, M, S
Licania membranacea Sagot ex Laness., M, S
Licania micrantha Miq., K, M, S, D
Licania microphylla Fanshawe & Maguire, K
Licania niloi Prance, D
Licania oblongifolia Standl., D
Licania octandra (Hoffmanns. ex Roem. & Schult.)
 Kuntze, S, D
Licania pallida Spruce ex Sagot, D
Licania parvifolia Huber, I
Licania persaudii Fanshawe & Maguire, I, M
Licania piresii Prance, M
Licania polita Spruce ex Hook.f., I
Licania prismatocarpa Spruce ex Hook.f., D
Licania reticulata Prance, D
Licania rodriguesii Prance, D
Licania sandwithii Prance, D
Licania sothersae Prance, D
Licania sprucei (Hook.f.) Fritsch, I, D
Licania unguiculata Prance, D
Parinari campestris Aubl., I, M
Parinari excelsa Sabine, M, S, D
Parinari maguirei Prance, K
Parinari montana Aubl. emend. Ducke, S
Parinari parvifolia Sandwith, M, D
Parinari rodolphii Huber, I, M

Clusiaceae

Calophyllum angulare A.C. Sm., D
Calophyllum brasiliense Cambess., M, D
Calophyllum sp., K
Caraipa costata Spruce ex Benth., D
Caraipa densifolia Mart., D
Caraipa grandifolia Mart., I, D
Caraipa heterocarpa Ducke, D
Caraipa odorata Ducke, D
Caraipa punctulata Ducke, I, D
Caraipa rodriguesii Paula, D
Caraipa sp., M
Clusia amazonica Planch. & Triana, D
Clusia columnaris Engl., I
Clusia crassifolia Planch. & Triana, K
Clusia cuneata Benth., K, M
Clusia flavida (Benth.) Pipoly, I, S
Clusia fockeana Miq., I, M
Clusia grandiflora Splitg., I, K, M, S, D
Clusia hammeliana Pipoly, K, M
Clusia insignis Mart., D
Clusia leprantha Mart., S, D
Clusia maguireana Pipoly, K
Clusia melchiorii Gleason, S
Clusia mutica Maguire, K
Clusia myriandra (Benth.) Planch. & Triana, I, K, M
Clusia nemorosa G. Mey., I, K, M, S
Clusia obovata (Spruce ex Planch. & Triana) Pipoly, S,
 D
Clusia octandra (Poepp.) Pipoly, S, D
Clusia palmicida Rich. ex Planch. & Triana, I, K, M, S
Clusia panapanari (Aubl.) Choisy, I, K, M, S
Clusia penduliflora Engl., D
Clusia platystigma Eyma, S

Clusia renggerioides Planch. & Triana, **D**
Clusia rosea Jacq., **I**
Clusia savannarum Maguire, **K**
Clusia schomburgkiana (Planch. & Triana) Benth. ex Engl., **K, M**
Clusia scrobiculata Benoist, **K, S, D**
Clusia sessilis Klotzsch ex Engl., **K**
Clusia spathulaefolia Engl., **D**
Clusia viscida Engl., **I**
Clusiella axillaris (Engl.) Cuatrec., **D**
Clusiella elegans Planch. & Triana, **M**
Dystovomita brasiliensis D'Arcy, **D**
Haploclathra paniculata (Mart.) Benth., **D**
Havetiopsis flavida (Benth.) Planch. & Triana, **M, D**
Lorostemon bombaciflorum Ducke, **D**
Lorostemon coelhoi Paula, **D**
Mahurea exstipulata Benth., **K**
Moronobea coccinea Aubl., **K, S, D**
Moronobea jenmanii Engl., **K**
Moronobea pulchra Ducke, **D**
Platonia insignis Mart., **M, S**
Rheedia acuminata (Ruiz & Pav.) Planch. & Triana, **K**
Rheedia benthamiana Planch. & Triana, **I, M**
Rheedia macrophylla (Mart.) Planch. & Triana, **I**
Rheedia madruno (Kunth) Planch. & Triana, **I, S, D**
Symphonia globulifera L.f., **K, M, S, D**
Tovomita acutiflora M.S.Barros & G. Mariz, **D**
Tovomita amazonica Poepp. & Endl. ex Walp., **D**
Tovomita brasiliensis (Mart.) Walp., **S, D**
Tovomita brevistaminea Engl., **I, M, S**
Tovomita calodictyos Sandwith, **M, S**
Tovomita caloneura A.C. Sm., **D**
Tovomita carinata Eyma, **I**
Tovomita cephalostigma Vesque, **I, M**
Tovomita choisyana Planch. & Triana, **D**
Tovomita eggertii Vesque, **I**
Tovomita gracilipes Planch. & Triana, **D**
Tovomita grata Sandwith, **D**
Tovomita longifolia (Rich.) Hochr., **I, S**
Tovomita macrophylla (Poepp.) Walp., **I, S, D**
Tovomita martiana Engl., **D**
Tovomita obovata Engl., **S, D**
Tovomita pyrifolia Planch. & Triana, **I**
Tovomita schomburgkii Planch. & Triana, **I, D**
Tovomita tenuiflora Benth. ex Planch. & Triana, **K, M, D**
Tovomita umbellata Benth., **D**
Tovomita weddelliana Planch. & Triana, **D**
Tovomitopsis membranacea (Planch. & Triana) D'Arcy, **S**
Vismia cauliflora A.C. Sm., **D**
Vismia cayennensis (Jacq.) Pers., **I, S, D**
Vismia glaziovii Ruhland, **S**
Vismia gracilis Hieron, **D**
Vismia guianensis (Aubl.) Choisy, **I, K, M, S, D**
Vismia japurensis Reichardt, **I, K**
Vismia latifolia (Aubl.) Choisy, **I, K, S**
Vismia macrophylla Kunth, **I, K, M, S**
Vismia ramuliflora Miq., **S**
Vismia sandwithii Ewan, **S, D**
Vismia sessilifolia (Aubl.) Choisy, **I, M**

Combretaceae

Buchenavia congesta Ducke, **D**
Buchenavia fanshawei Exell & Maguire, **K, M**
Buchenavia grandis Ducke, **M, S, D**
Buchenavia guianensis (Aubl.) Alwan & Stace, **D**
Buchenavia macrophylla Eichler, **I, D**
Buchenavia megalophylla van Heurck & Müll. Arg., **I**
Buchenavia nitidissima (Rich.) Alwan & Stace, **S**
Buchenavia ochropumna Eichler, **D**
Buchenavia parvifolia Ducke, **K, S, D**
Buchenavia reticulata Eichler, **D**
Buchenavia seriocarpa Ducke, **D**
Buchenavia tomentosa Eichler, **D**
Combretum laurifolium Mart., **K**
Combretum laxum Jacq., **I, K, M, S, D**
Combretum rotundifolium Rich., **I, M, S**
Terminalia amazonia (J.F. Gmel.) Exell, **I, M**
Terminalia dichotoma G. Mey., **M**
Terminalia guyanensis Eichler, **M, S**
Terminalia quintalata Maguire, **K**

Commelinaceae

Buforrestia candolleana C.B. Clarke, **S**
Commelina diffusa Burm.f., **K, S**
Commelina erecta L., **M**
Commelina rupestris Seub., **I, S**
Commelina sp., **D**
Dichorisandra hexandra (Aubl.) Standl., **I, K, S**
Dichorisandra sp., **D**
Floscopa peruviana Hassk. ex C.B. Clarke, **S**
Triopogandra serrulata (Vahl) Handlos, **K**

Connaraceae

Cnestidium guianense (G. Schellenb.) G. Schellenb., **I, M, S**
Connarus coriaceus G. Schellenb., **M**
Connarus erianthus Benth. ex Baker, **M**
Connarus fasciculatus (DC.) Planch., **S**
Connarus lambertii (DC.) Sagot, **I**
Connarus megacarpus S.F. Blake, **I, M**
Connarus perrottetii (DC.) Planch., **M, S, D**
Connarus punctatus Planch., **M**
Pseudoconnarus macrophyllus (Poepp.) Radlk., **M, D**
Pseudoconnarus rhynchosoides (Standl.) Prance, **D**
Rourea accrescens Forero, **D**
Rourea cuspidata Benth. ex Baker, **D**
Rourea frutescens Aubl., **M**
Rourea krukovii Steyerl., **D**
Rourea ligulata Baker, **M**
Rourea paraensis Forero, **D**
Rourea pubescens (DC.) Radlk., **M**
Rourea surinamensis Miq., **S**

Convolvulaceae

Calycobolus glaber (Kunth) House, **I**
Dicranostyles ampla Ducke, **I, S**
Dicranostyles densa Spruce ex Meisn., **D**
Dicranostyles falconiana (Barroso) Ducke, **D**
Dicranostyles globostigma D.F. Austin, **D**
Dicranostyles guianensis Mennega, **M, S**
Dicranostyles holostyla Ducke, **I, D**
Dicranostyles integra Ducke, **S, D**
Dicranostyles laxa Ducke, **D**

- Dicranostyles longifolia* Ducke, **D**
Dicranostyles scandens Benth., **D**
Evolvulus nummularius (L.) L., **D**
Ipomoea batatoides Choisy, **S**
Ipomoea phillomega (Vell.) House, **I, M, S**
Ipomoea quamoclit L., **S**
Ipomoea squamosa Choisy, **I, S**
Ipomoea tiliacea (Willd.) Choisy, **I, M**
Jacquemontia tamnifolia (L.) Griseb., **M**
Lysiosyles scandens Benth., **I, M**
Maripa glabra Choisy, **M, S, D**
Maripa reticulata Ducke, **D**
Maripa scandens Aubl., **I, M, S, D**
Merremia aturensis (Kunth) Hallier f., **I**
Merremia dissecta (Jacq.) Hallier f., **S**
Merremia macrocalyx (Ruiz & Pav.) O'Donell, **I, K, S**
Merremia umbellata (L.) Hallier f., **M**
- Costaceae**
Costus arabicus L., **I, D**
Costus claviger Benoist, **M, S**
Costus congestiflorus Rich. ex Gagnep., **S, D**
Costus erythrothyrus Loes., **S**
Costus lanceolatus Petersen, **S**
Costus scaber Ruiz & Pav., **I, S**
Costus spiralis (Jacq.) Roscoe, **S**
Costus sprucei Maas, **D**
- Cucurbitaceae**
Cayaponia botryocarpa C. Jeffrey, **D**
Cayaponia jenmanii C. Jeffrey, **S**
Cayaponia ophthalmica R.E. Schult., **I, M, S**
Cayaponia racemosa (Mill.) Cogn., **M, S**
Cayaponia rigida (Cogn.) Cogn., **S, D**
Cayaponia selysioides C. Jeffrey, **M**
Cayaponia tessmannii Harms, **S**
Gurania bignoniacea (Poepp. & Endl.) C. Jeffrey, **I, M, S, D**
Gurania brevipedunculata Cogn., **D**
Gurania huebneri Harms, **D**
Gurania lobata (L.) Pruski, **I**
Gurania reticulata Cogn., **S**
Gurania spinulosa (Poepp. & Endl.) Cogn., **I, M, S**
Gurania subumbellata (Miq.) Cogn., **I, K, M, S**
Helmontia cardiophylla Harms, **S**
Helmontia leptantha (Schltdl.) Cogn., **M, S, D**
Melothria pendula L., **S**
Psiguria triphylla (Miq.) C. Jeffrey, **I, K, M, S**
Selsia prunifera (Poepp. & Endl.) Cogn., **S**
- Cyatheaceae**
Alsophila cuspidata (Kunze) D.S. Conant, **S**
Alsophila imrayana (Hook.) D.S. Conant, **S**
Cnemidaria roraimensis (Domin) R.M. Tryon, **K**
Cnemidaria spectabilis (Kunze) R.M. Tryon, **I**
Cyathea andina (H. Karst.) Domin, **S**
Cyathea cyatheoides (Desv.) K.U. Kramer, **I, S**
Cyathea macrocarpa (C. Presl) Domin, **I, K**
Cyathea microdonta (Desv.) Domin, **I, S**
Cyathea pungens (Willd.) Domin, **I, K, S**
Cyathea spectabilis (Kunze) Domin, **S**
Cyathea surinamensis (Miq.) Domin, **I, M, S, D**
Trichipteris microdonta (Desv.) R.M. Tryon, **D**
- Cyclanthaceae**
Asplundia brachyphylla Harling, **S**
Asplundia gleasonii Harling, **K**
Asplundia heteranthera Harling, **S**
Asplundia maguirei Harling, **I, K**
Asplundia vaupesiana Harling, **D**
Asplundia xiphophylla Harling, **D**
Asplundia sp. nov., **D**
Cyclanthus bipartitus Poit., **K, M, S, D**
Dicranopygium angustissimum (Sandwith) Harling, **K**
Dicranopygium pygmaeum (Gleason) Harling, **K, S**
Evodianthus funifer (Poit.) Lindm., **K, M, S, D**
Ludovia lancifolia Brongn., **S**
Stelestylis stylaris (Gleason) Harling, **K**
Thoracocarpus bissectus (Vell.) Harling, **I, K, M, S**
- Cyperaceae**
Becquerelia cymosa Brongn., **I, K, M, S, D**
Bisboeckelera longifolia (Rudge) Kuntze, **K**
Bisboeckelera microcephala (Boeck.) T. Koyama, **K, S**
Bulbostylis junciiformis (Kunth) C.B. Clarke, **K**
Bulbostylis juncooides (Vahl) Kük. ex Osten, **I**
Calyptrocarya bicolor (H. Pfeiff.) T. Koyama, **I, S, D**
Calyptrocarya glomerulata (Brongn.) Urb., **I, K, M, S**
Calyptrocarya poeppigiana Kunth, **I, K, S**
Cephalocarpus rigidus Gilly, **K**
Cyperus aggregatus (Willd.) Endl., **I**
Cyperus diffusus Vahl, **K, D**
Cyperus filifolius Willd. ex Kunth, **I**
Cyperus guianensis (C.B. Clarke) Kük., **K**
Cyperus haspan L., **I**
Cyperus laxus Lam., **K, S**
Cyperus ligularis L., **I, K, M, D**
Cyperus luzulae (L.) Rottb. ex Retz., **I, M, S, D**
Cyperus miliifolius Poepp. & Kunth, **I**
Cyperus odoratus L., **I, S**
Cyperus polystachyos Rottb., **M**
Cyperus simplex Kunth, **M, S**
Cyperus sphacelatus Rottb., **K, M**
Cyperus surinamensis Rottb., **M, D**
Cyperus trailii C.B. Clarke, **I**
Didymiandrum stellatum (Boeck.) Gilly, **K**
Diplacrum capitatum (Willd.) Boeck., **I**
Diplacrum guianense (Nees) T. Koyama, **K**
Diplasia karatifolia Rich., **I, K, M, S, D**
Eleocharis debilis Kunth, **K**
Eleocharis filiculmis Kunth, **D**
Eleocharis geniculata (L.) Roem. & Schult., **K**
Eleocharis maculosa (Vahl) Roem. & Schult., **K**
Eleocharis nigrescens (Nees) Steud., **D**
Eleocharis retroflexa (Poir.) Urb., **S**
Eleocharis subfoliata C.B. Clarke, **I**
Exochogyne amazonica C.B. Clarke, **K**
Fimbristylis annua (All.) Roem. & Schult., **K, M**
Fimbristylis aspera Boeck., **K**
Fimbristylis complanata (Retz.) Link, **I**
Fimbristylis dichotoma (L.) Vahl, **K, S, D**
Fimbristylis miliacea (L.) Vahl, **I, M**
Fimbristylis vahlii (Lam.) Link, **I**
Fuirena umbellata Rottb., **I, D**
Hypolytrum amplum Poepp. & Kunth, **M**
Hypolytrum jenmanii C.B. Clarke, **I, K, M, S**

- Hypolytrum longifolium* (Rich.) Nees, **I, K**
Hypolytrum pulchrum (Rudge) H. Pfeiff., **I, K**
Hypolytrum schraderianum Nees, **S, D**
Kyllinga brevifolia Rottb., **D**
Kyllinga odorata Vahl, **M**
Kyllinga pumila Michx., **S, D**
Lagenocarpus guianensis Nees, **I**
Lagenocarpus rigidus (Kunth) Nees, **K**
Lagenocarpus verticillatus (Spreng.) T. Koyama & Maguire, **M**
Mapania imeriensis (R. Gross) T. Koyama, **K**
Mapania insignis Sandwith, **K**
Mapania macrophylla (Boeck.) H. Pfeiff., **K**
Mapania paradoxa J. Raynal, **S**
Mapania pycnocephala (Benth.) Benth., **K, S, D**
Mapania surinamensis Uittien, **I**
Mapania sylvatica Aubl., **I, K, M, S, D**
Mapaniopsis effusa C.B. Clarke, **S**
Pleurostachys sparsiflora Kunth, **D**
Rhynchospora albida (Nees) Boeck., **K**
Rhynchospora albomarginata Kük., **I**
Rhynchospora amazonica Poepp. & Kunth, **I**
Rhynchospora arenicola Uittien, **K**
Rhynchospora barbata (Vahl) Kunth, **I, K**
Rhynchospora cephalotes (L.) Vahl, **I, K, M, S**
Rhynchospora curvula Griseb., **K**
Rhynchospora emaciata (Nees) Boeck., **K**
Rhynchospora holoschoenoides (Rich.) Herter, **I, K, M**
Rhynchospora nervosa (Vahl) Boeck., **I**
Rhynchospora pubera (Vahl) Boeck., **K, M, S, D**
Rhynchospora radicans (Schltdl. & Cham.) H. Pfeiff., **S**
Rhynchospora reptans (Rich.) Boeck., **I**
Rhynchospora riparia (Nees) Boeck., **K**
Rhynchospora spruceana C.B. Clarke, **K**
Rhynchospora tenella (Nees) Boeck., **I, K**
Rhynchospora watsonii (Britton) Davidse, **M, S**
Scleria baldwinii (Torr.) Steudel, **D**
Scleria bracteata Cav., **K**
Scleria cyperina Kunth, **I, K, D**
Scleria flagellum-nigrorum Bergius, **I, K**
Scleria latifolia Nees, **I, S**
Scleria macrogyne C.B. Clarke, **I, K**
Scleria melaleuca Rchb. ex Schltdl. & Cham., **I, K, D**
Scleria microcarpa Nees ex Kunth, **I, K**
Scleria mitis Bergius, **S**
Scleria pterota J. Presl & C. Presl, **K, M**
Scleria secans (L.) Urb., **S**
Scleria stipitata Uittien, **I**
Scleria stipularis Nees, **I, M**
Scleria tepuiensis Core, **S**
- Cyrtaceae**
Cyrtilla racemiflora L., **K**
- Dennstaedtiaceae**
Dennstaedtia obtusifolia (Willd.) T. Moore, **S**
Hypolepis parallelogramma (Kunze) C. Presl, **S**
Lindsaea divaricata Klotzsch, **I, K, M, S, D**
Lindsaea dubia Spreng., **S**
Lindsaea guianensis (Aubl.) Dryand., **I, S, D**
Lindsaea lancea (L.) Bedd., **I, K, M, S, D**
Lindsaea pallida Klotzsch, **S**
Lindsaea parkeri (Hook.) Kuhn, **K**
Lindsaea pendula Klotzsch, **K**
Lindsaea portoricensis Desv., **K, S**
Lindsaea quadrangularis Raddi, **I, S**
Lindsaea sagittata (Aubl.) Dryand., **K, M**
Lindsaea schomburgkii Klotzsch, **K**
Lindsaea stricta (Sw.) Dryand., **I, K, D**
Lindsaea surinamensis Posth., **S**
Lindsaea ulin Hieron., **M**
Pteridium aquilinum (L.) Kuhn, **M, S, D**
Saccoloma elegans Kaulf., **I**
Saccoloma inaequale (Kunze) Mett., **I, S, D**
- Dichapetalaceae**
Dichapetalum pedunculatum (DC.) Baill., **I, M, S**
Dichapetalum rugosum (Vahl) Prance, **M, S, D**
Dichapetalum spruceanum Baill., **D**
Tapura amazonica Poepp., **S, D**
Tapura capitulifera Spruce ex Baill., **M**
Tapura guianensis Aubl., **I, M, S, D**
Tapura lanceolata (Ducke) Rizzini, **D**
- Dilleniaceae**
Curatella americana L., **I**
Davilla cuspidulata Mart. ex Eichler, **D**
Davilla kunthii A. St.-Hil., **I, K, M, S, D**
Davilla nitida (Vahl) Kubitzki, **I**
Davilla rugosa Poir., **S, D**
Doliocarpus amazonicus Sleumer, **D**
Doliocarpus brevipedicellatus Garcke, **I, M, S, D**
Doliocarpus dentatus (Aubl.) Standl., **S, D**
Doliocarpus guianensis (Aubl.) Gilg, **I, K, M, S**
Doliocarpus macrocarpus Mart. ex Eichler, **M, D**
Doliocarpus magnificus Sleumer, **D**
Doliocarpus major J.F. Gmel., **M**
Doliocarpus paraensis Sleumer, **M, S**
Doliocarpus savannarum Sandwith, **K**
Doliocarpus spraguei Cheesman, **I, K, M, D**
Pinzona coriacea Mart. & Zucc., **K, M, S, D**
Tetracera amazonica Kubitzki, **D**
Tetracera asperula Miq., **I, K, M**
Tetracera costata Mart. ex Eichler, **D**
Tetracera tigarea DC., **M**
Tetracera volubilis L., **M**
Tetracera willdenowiana Steud., **D**
- Dioscoreaceae**
Dioscorea alata L., **S**
Dioscorea amazonum Mart. ex Griseb., **I, M**
Dioscorea cayennensis Lam., **S**
Dioscorea crotalariifolia Uline, **M**
Dioscorea dodecaneura Vell., **M**
Dioscorea guianensis R. Knuth, **K**
Dioscorea marginata Griseb., **D**
Dioscorea megacarpa Gleason, **M**
Dioscorea pachycarpa Kunth, **I**
Dioscorea pilosiuscula Bertero ex Spreng., **I, M**
Dioscorea potarensis R. Knuth, **K**
Dioscorea samydea Griseb., **M**
Dioscorea trichanthera Gleason, **K**
Dioscorea trifida L.f., **S**
Dioscorea truncata Miq., **I**
- Droseraceae**
Drosera capillaris Poir., **I**

Drosera cayennensis Sagot ex Diels, **K**
Drosera kaieteurensis Brumm.-Ding., **K**

Dryopteridaceae

Arachniodes ochropteroides (Baker) Lellinger, **K**
Cyclodium guianense (Klotzsch) van der Werff ex L.D.
 Gómez, **K, S**
Cyclodium inerme (Fée) A.R. Sm., **I, K, M, S**
Cyclodium meniscioides (Willd.) C. Presl, **I, K, M, S, D**
Didymochlaena truncatula (Sw.) J. Sm., **S**
Olfersia cervina (L.) Kunze, **K, S**
Polybotrya caudata Kunze, **S**
Polybotrya fractiserialis (Baker) Sm., **S**
Polybotrya osmundacea Humb. & Bonpl. ex Willd., **D**
Stigmatopteris rotundata (Willd.) C. Chr., **K, S**

Ebenaceae

Diospyros artantifolia Mart. ex Miq., **S**
Diospyros bullata A.C. Sm., **D**
Diospyros capreifolia Mart. ex Hiern, **S, D**
Diospyros carbonaria Benoist, **S, D**
Diospyros dichroa Sandwith, **M, S**
Diospyros duckei Sandwith, **D**
Diospyros guianensis (Aubl.) Gürke, **K, M, S, D**
Diospyros ierensis Britton, **I, K, M, S**
Diospyros lissocarpoides Sandwith, **I**
Diospyros manausensis Cavalcante, **D**
Diospyros martinii Benoist ex Amshoff, **S**
Diospyros matheriana A.C. Sm., **S**
Diospyros melinonii (Hiern) A.C. Sm., **D**
Diospyros praetermissa Sandwith, **D**
Diospyros pseudoxylopi Mildbr., **D**
Diospyros vestita Benoist, **S, D**

Elaeocarpaceae

Sloanea brevipes Benth., **S**
Sloanea echinocarpa Uittien, **S, D**
Sloanea eichleri K. Schum., **M**
Sloanea excelsa Ducke, **D**
Sloanea fendleriana Benth., **D**
Sloanea floribunda Spruce ex Benth., **D**
Sloanea garckeana K. Schum., **I**
Sloanea grandiflora Sm., **I, M, S**
Sloanea guianensis (Aubl.) Benth., **I, M, S, D**
Sloanea latifolia (Rich.) K. Schum., **I, S, D**
Sloanea laurifolia (Benth.) Benth., **M, S, D**
Sloanea laxiflora Spruce ex Benth., **S, D**
Sloanea nitida G. Don, **D**
Sloanea parviflora Planch. ex Benth., **I**
Sloanea pubescens Benth., **S, D**
Sloanea rufa Planch. ex Benth., **S, D**
Sloanea schomburgkii Spruce ex Benth., **D**
Sloanea sinemariensis Aubl., **S**
Sloanea synandra Spruce ex Benth., **D**
Sloanea tuerckheimii Donn. Sm., **S**

Eremolepidaceae

Antidaphne amazonensis Rizzini, **D**

Ericaceae

Bejaria sprucei Meisn., **K**
Cavendishia callista Donn. Sm., **S**
Notopora schomburgkii Hook.f., **K**
Orthaea apophysata (Griseb.) A.C. Sm., **K**
Orthaea merumensis Maguire, Steyer. & Luteyn, **K**

Psammisia guianensis Klotzsch, **K, D**
Satyria cerander (Dunal) A.C. Sm., **S**
Satyria panurensis (Benth. ex Meisn.) Benth. & Hook.f.
 ex Nied., **K**
Sphyrnospermum buxifolium Poepp. & Endl., **K, S**
Sphyrnospermum cordifolium Benth., **K**
Thibaudia nutans Klotzsch ex Mansf., **K**
Vaccinium puberulum Klotzsch ex Meisn., **K**

Eriocaulaceae

Eriocaulon heterodoxum Moldenke, **M**
Paepalanthus bifidus (Schrad.) Kunth, **I, M**
Paepalanthus dichotomus Klotzsch ex Körn., **K**
Paepalanthus fasciculatus (Rottb.) Kunth, **K, D**
Paepalanthus lamareckii Kunth, **M**
Paepalanthus oyapockensis Herzog, **K**
Paepalanthus pauper Moldenke, **K**
Paepalanthus polytrichoides Kunth, **K**
Rondonanthus capillaceus (Klotzsch ex Körn.) Hensold
 & Giul., **K**
Syngonanthus gracilis (Bong.) Ruhland, **K**
Syngonanthus jenmannii (Gleason) Giul. & Hensold, **K**
Syngonanthus simplex (Miq.) Ruhland, **K**
Syngonanthus umbellatus (Lam.) Ruhland, **I, K, D**
Syngonanthus xeranthemoides (Bong.) Ruhland, **K**
Tonina fluviatilis Aubl., **I, K, S, D**

Erythroxylaceae

Erythroxylum citrifolium A. St.-Hil., **K, M, S, D**
Erythroxylum kapplerianum Peyr., **S**
Erythroxylum macrophyllum Cav., **M, S, D**
Erythroxylum mucronatum Benth., **I, S, D**
Erythroxylum squamatum Sw., **M**

Euphorbiaceae

Acalypha diversifolia Jacq., **S**
Alchornea schomburgkii Klotzsch, **D**
Alchornea triplinervia (Spreng.) Müll. Arg., **M, S**
Alchorneopsis floribunda (Benth.) Müll. Arg., **M, S, D**
Amanoa gracillima W.J. Hayden, **D**
Amanoa guianensis Aubl., **I, M, D**
Amanoa sinuosa W.J. Hayden, **D**
Anomalocalyx uleanus (Pax. & K. Hoffm.) Ducke, **D**
Aparisthmium cordatum (A. Juss.) Baill., **I, M, S, D**
Chaetocarpus schomburgkianus (Kuntze) Pax & K.
 Hoffm., **K, M**
Chamaesyce hirta (L.) Millsp., **M, S, D**
Chamaesyce hyssopifolia (L.) Small, **S, D**
Chamaesyce prostrata (Aiton) Small, **K, S**
Chamaesyce serpens (Kunth) Small, **M**
Chamaesyce thymifolia (L.) Millsp., **M, S**
Conceveiba guianensis Aubl., **K, M, S, D**
Conceveiba martiana Baill., **D**
Croton cuneatus Klotzsch, **K**
Croton draconoides Müll. Arg., **S**
Croton glandulosus L., **D**
Croton hostmanni Miq., **K**
Croton kaieteuri Jabl., **K**
Croton lobatus L., **D**
Croton matourensis Aubl., **S, D**
Croton nuntians Croizat, **K**
Croton palanostigma Klotzsch, **S, D**
Croton schiedeantus Schldl., **S**
Croton trinitatis Millsp., **I, M**

- Croton* sp. nov.?, **M**
Dalechampia affinis Müll. Arg., **I**
Dalechampia brevicolumna Armbr., **S**
Dalechampia dioscoreifolia Poepp., **S**
Dalechampia fragrans Armbr., **S**
Dalechampia heterobracteata Armbr., **S**
Dalechampia parvibracteata Lanj., **I, M, D**
Dalechampia tiliifolia Lam., **S**
Discocarpus essequiboensis Klotzsch, **I**
Dodecastigma integrifolium (Lanj.) Lanj. & Sandwith, **S**
Drypetes variabilis Uittien, **S, D**
Euphorbia cyathophora Murray, **S**
Glycydendron amazonicum Ducke, **M, S, D**
Hevea guianensis Aubl., **S, D**
Hevea pauciflora (Spruce ex Benth.) Müll. Arg., **M**
Hevea sp., **K**
Hura crepitans L., **S**
Hyeronima alchorneoides Allemão, **M, S**
Hyeronima oblonga (Tul.) Müll. Arg., **I, M, S**
Jatropha gossypifolia L., **S**
Mabea angularis Hollander, **D**
Mabea biglandulosa Baill., **I**
Mabea montana Müll. Arg., **I**
Mabea piriri Aubl., **I, S, D**
Mabea rubicunda Jabl., **K**
Mabea salicoides Esser, **S**
Mabea speciosa Müll. Arg., **I, M, S, D**
Mabea subsessilis Pax & K. Hoffm., **S, D**
Mabea taquari Aubl., **I, K**
Mabea uleana Pax & K. Hoffm., **D**
Manihot sp. nov., **S**
Maprounea guianensis Aubl., **I, K, M, S, D**
Margaritaria nobilis L.f., **I, S**
Micrandra elata (Dir.) Müll. Arg., **I, M**
Micrandra siphonioides Benth., **K, D**
Micrandra spruceana (Baill.) R.E. Schult., **D**
Nealchornea japurensis Huber, **D**
Omphalea diandra L., **I, S**
Pausandra fordii Secco, **S**
Pausandra macropetala Ducke, **D**
Pausandra martinii Baill., **I**
Pera bicolor (Klotzsch) Müll. Arg., **K, M, D**
Pera glabrata (Schott) Baill., **D**
Phyllanthus amarus Schumach. & Thonn., **S**
Phyllanthus caroliniensis Walter, **I**
Phyllanthus juglandifolius Willd., **I**
Phyllanthus manausensis W.A. Rodrigues, **D**
Phyllanthus niruri L., **D**
Phyllanthus orbiculatus Rich., **D**
Phyllanthus stipulatus (Raf.) G.L. Webster, **M**
Phyllanthus urinaria L., **I, S**
Phyllanthus vacciniifolius (Müll. Arg.) Müll. Arg., **K**
Piranhea trifoliata Baill., **K**
Plukenetia brachybotrya Müll. Arg., **D**
Plukenetia polyadenia Müll. Arg., **S**
Plukenetia verrucosa Sm., **I**
Plukenetia volubilis L., **M**
Podocalyx loranthoides Klotzsch, **D**
Pogonophora schomburgkiana Miers ex Benth., **D**
Richeria dressleri G.L. Webster, **D**
Richeria grandis Vahl, **S, D**
Ruprechtia brachysepala Meisn., **I**
Sagotia racemosa Baill., **I, S**
Sandwithia guyanensis Lanj., **I, K, M, D**
Sapium glandulosum (L.) Morong, **S**
Sapium jenmanii Hemsl., **I**
Sapium montanum Lanj., **I, S**
Sapium paucinerium Hemsl., **S, D**
Sebastiania corniculata (Vahl) Müll. Arg., **M, D**
Senefeldera macrophylla Ducke, **D**
Tetrorchidium minor Ducke, **D**
Tragia lessertiana (Baill.) Müll. Arg., **M, S**
- Fabaceae**
- Acosmium nitens* (Vogel) Yakovlev, **I, M**
Acosmium praeclarum (Sandwith) Yakovlev, **M**
Aeschynomene rudis Benth., **I**
Aeschynomene sensitiva Sw., **I, M**
Alexa imperatrix (R.H. Schomb.) Baill., **I, K, M**
Andira coriacea Pulle, **M**
Andira grandistipula Amshoff, **K**
Andira micrantha Ducke, **D**
Andira parviflora Ducke, **D**
Andira surinamensis (Bondt) Splitg. ex Amshoff, **I**
Andira unifoliolata Ducke, **D**
Calopogonium mucunoides Desv., **M**
Centrosema brasilianum (L.) Benth., **D**
Centrosema triquetrum (Hoffmanns. ex Benth.) Benth., **M**
Centrosema vexillatum Benth., **I, S**
Centrosema sp., **K**
Clathrotropis brachypetala (Tul.) Kleinhoonte, **I, M**
Clathrotropis glaucophylla R.S. Cowan, **I**
Clathrotropis macrocarpa Ducke, **I, K, M**
Clathrotropis paradoxa Sandwith, **K**
Clitoria kaieteurensis Fantz, **K**
Clitoria leptostachya Benth., **M, D**
Clitoria sagotii Fantz, **K, M, S, D**
Dalbergia ecastaphyllum (L.) Taub., **M**
Dalbergia monetaria L.f., **I, D**
Dalbergia multiflora Heyne ex Wall., **D**
Dalbergia riedelii (Benth.) Sandwith, **I, K, M**
Dalbergia spruceana Benth., **D**
Dalbergia sp., **K**
Derris floribunda (Benth.) Ducke, **D**
Desmodium adscendens (Sw.) DC., **I, K, M, S, D**
Desmodium axillare (Sw.) DC., **I, M, S**
Desmodium barbatum (L.) Benth., **K, M, S, D**
Desmodium incanum DC., **S**
Desmodium wydlerianum Urb., **S**
Dioclea coriacea Benth., **K**
Dioclea elliptica R.H. Maxwell, sp. nov. ined., **M**
Dioclea guianensis Benth., **I, K**
Dioclea macrantha Huber, **I, K**
Dioclea macrocarpa Huber, **K, S**
Dioclea malacocarpa Ducke, **K**
Dioclea megacarpa Rolfe, **I, D**
Dioclea reflexa Hook.f., **K**
Dioclea scabra (Rich.) R.H. Maxwell, **I, K, M**
Dioclea virgata (Rich.) Amshoff, **I, K, S**
Dioclea wilsonii Standl., **K**
Diploptropis martiusii Benth., **D**
Diploptropis purpurea (Rich.) Amshoff, **K, M, S**

- Diploptropis racemosa* (Hoehne) Amshoff, **K**
Diploptropis rigidocarpa H.C. Lima, **K**
Diploptropis rodriguesii H.C. Lima, **D**
Diploptropis triloba Gleason, **D**
Dipteryx magnifica Ducke, **D**
Dipteryx odorata (Aubl.) Willd., **M, S, D**
Dipteryx polyphylla Huber, **D**
Dipteryx punctata (S.F. Blake) Amshoff, **D**
Dussia discolor (Benth.) Amshoff, **S**
Eriosema simplicifolium (Kunth) G. Don, **I**
Etaballia dubia (Kunth) Rudd, **I**
Galactia sp., **I**
Hymenolobium excelsum Ducke, **D**
Hymenolobium flavum Kleinhoonte, **I, M**
Hymenolobium heterocarpum Ducke, **D**
Hymenolobium modestum Ducke, **D**
Hymenolobium nitidum Benth., **K, D**
Hymenolobium petraeum Ducke, **M, S**
Hymenolobium pulcherrimum Ducke, **D**
Hymenolobium sericeum Ducke, **D**
Hymenolobium sp., **I**
Hymenolobium sp. nov., **M**
Lonchocarpus negrensis Benth., **M, D**
Lonchocarpus scandens (Aubl.) Ducke, **S**
Lonchocarpus sp., **I, S**
Machaerium altiscandens Ducke, **S**
Machaerium aureiflorum Ducke, **M, S, D**
Machaerium cuspidatum Kuhl. & Hoehne, **D**
Machaerium ferox (Mart. ex Benth.) Ducke, **I, M, D**
Machaerium floribundum Benth., **I, K, S**
Machaerium hoehneanum Ducke, **D**
Machaerium inundatum (Mart. ex Benth.) Ducke, **I**
Machaerium kegelii Meisn., **I**
Machaerium leiophyllum (DC.) Benth., **I**
Machaerium madeirense Pittier, **M**
Machaerium multifoliolatum Ducke, **D**
Machaerium mutisii Killip ex Rudd, **M**
Machaerium myrianthum Spruce ex Benth., **K, M**
Machaerium oblongifolium Vogel, **M**
Machaerium paraense Ducke, **S**
Machaerium quinata (Aubl.) Sandwith, **I, K, M, D**
Macroptilium gracile (Poepp. ex Benth.) Urb., **I**
Monopteryx inpa W.A. Rodrigues, **S, D**
Mucuna urens (L.) Medik., **I, S, D**
Mucuna sp., **K**
Ormosia coarctata Jacks., **I, M**
Ormosia coccinea (Aubl.) Jacks., **I, M**
Ormosia castulata (Miq.) Kleinhoonte, **M**
Ormosia coutinhoi Ducke, **I, K, M**
Ormosia fastigiata Tul., **I**
Ormosia flava (Ducke) Rudd, **S**
Ormosia grandiflora (Tul.) Rudd, **D**
Ormosia grossa Rudd, **D**
Ormosia paraensis Ducke, **M, D**
Paramachaerium schomburgkii (Benth.) Ducke, **I**
Platymiscium duckei Huber, **D**
Platymiscium ulei Harms ex Harms, **S**
Poecilanthus effusa (Huber) Ducke, **S**
Poecilanthus hostmannii (Benth.) Amshoff, **K, M, S**
Pterocarpus officinalis Jacq., **D**
Pterocarpus rohrii Vahl, **K, M, S, D**
Pterocarpus santalinoides L'Hér. ex DC., **M**
Rhynchosia phaseoloides (Sw.) DC., **S**
Taralea oppositifolia Aubl., **S, D**
Vatairea guianensis Aubl., **M, D**
Vatairea paraensis Ducke, **S, D**
Vatairea sericea (Ducke) Ducke, **D**
Vataireopsis surinamensis H.C. Lima, **I, S**
Vigna lasiocarpa (Mart. ex Benth.) Verdc., **I**
Vigna luteola (Jacq.) Benth., **I, M**
Vigna vexillata (L.) A. Rich., **S**
Zornia latifolia Sm., **K, M, S, D**
Zornia sp., **I**
- Flacourtiaceae**
Banara guianensis Aubl., **S**
Carpotroche crispidentata Ducke, **S, D**
Carpotroche surinamensis Uittien, **M**
Carpotroche sp., **I**
Casearia acuminata DC., **S**
Casearia arborea (Rich.) Urb., **D**
Casearia combaymensis Tul., **M, S, D**
Casearia commersoniana Cambess., **I, M, S**
Casearia decandra Jacq., **D**
Casearia duckeana Sleumer, **D**
Casearia grandiflora Cambess., **D**
Casearia javitensis Kunth, **M, S, D**
Casearia macrophylla Vahl, **D**
Casearia manausensis Sleumer, **D**
Casearia negrensis Eichler, **S, D**
Casearia pitumba Sleumer, **M, S, D**
Casearia resinifera Spruce ex Eichler, **D**
Casearia rusbyana Briq., **S**
Casearia singularis Eichler, **I, S**
Casearia sylvestris Sw., **I, S, D**
Casearia ulmifolia Vahl ex Vent., **S, D**
Hasseltia floribunda Kunth, **S**
Homalium guianense (Aubl.) Oken, **I, M**
Homalium racemosum Jacq., **I, M**
Laetia procera (Poepp.) Eichler, **M, S, D**
Mayna odorata Aubl., **S**
Neosprucea sp., **I**
Ryania pyrifera (Rich.) Uittien & Sleumer, **M, D**
Ryania speciosa Vahl, **M, S, D**
Xylosma benthamii (Tul.) Triana & Planch., **S**
Xylosma tessmannii Sleumer, **D**
- Gentianaceae**
Coutoubea humilis Sandwith, **K**
Coutoubea ramosa Aubl., **I, K, M, S**
Coutoubea spicata Aubl., **S**
Curtia tenuifolia (Aubl.) Knobl., **K**
Irlbachia alata (Aubl.) Maas, **I, K, M, S, D**
Irlbachia caerulescens (Aubl.) Griseb., **I**
Irlbachia purpurascens (Aubl.) Maas, **I, K, M, S**
Neurotheca loeselioides (Spruce ex Progel) Baill., **K**
Tachia grandiflora Maguire & Weaver, **S, D**
Tachia guianensis Aubl., **K**
Voyria aphylla (Jacq.) Pers., **I, K, M, S, D**
Voyria aurantiaca Splitg., **S, D**
Voyria caerulea Aubl., **I, M, S, D**
Voyria clavata Splitg., **M**
Voyria corymbosa Splitg., **I, M, S**

Voyria flavescens Griseb., S
Voyria rosea Aubl., I, M, S
Voyria spruceana Benth., S, D
Voyria tenella Hook., S, D
Voyria tenuiflora Griseb., M, S
Voyriella parviflora (Miq.) Miq., I, M, S, D

Gesneriaceae

Alloplectus savannarum C.V. Morton, K
Besleria flavovirens Nees & Mart., I
Besleria insolita C.V. Morton, S
Besleria laxiflora Benth., I, M
Besleria patrisii DC., S
Besleria verecunda C.V. Morton, M
Chrysothemis pulchella (Donn ex Sims) Decne., M, S
Chrysothemis rupestris (Benth.) Leeuwenb., I
Codonanthe calcarata (Miq.) Hanst., I, K, M, S, D
Codonanthe crassifolia (H. Focke) C.V. Morton, I, K, M, S, D
Codonanthopsis dissimulata (H.E. Moore) Wiehler, D
Codonanthopsis ulei Mansf., D
Columnnea calotricha Donn. Sm., S
Columnnea guianensis C.V. Morton, K
Columnnea oerstediana Klotzsch ex Oerst., S
Columnnea sanguinea (Pers.) Hanst., S
Drymonia coccinea (Aubl.) Wiehler, S, D
Drymonia psilocalyx Leeuwenb., S
Drymonia serrulata (Jacq.) Mart., M, S
Episcia xantha Leeuwenb., I, S
Episcia sp., K
Gloxinia purpurascens (Rusby) Wiehler, K
Kohleria hirsuta (Kunth) Regel, K
Napeanthus macrostoma Leeuwenb., S
Nautilocalyx adenosiphon (Leeuwenb.) Wiehler, S
Nautilocalyx cordatus (Gleason) L.E. Skog, I, K
Nautilocalyx mimuloides (Benth.) C.V. Morton, S
Nautilocalyx pictus (Hook.) Sprague, K, M, S, D
Paradrymonia campostyla (Leeuwenb.) Wiehler, S
Paradrymonia ciliosa (Mart.) Wiehler, K, D
Paradrymonia densa (C.H. Wright) Wiehler, I, K, M
Paradrymonia maculata (Hook.f.) Wiehler, K, M
Rhoogeton cyclophyllus Leeuwenb., K
Rhoogeton viviparus Leeuwenb., K
Tylopsacas cuneatum (Gleason) Leeuwenb., K

Gleicheniaceae

Dicranopteris flexuosa (Schrad.) Underw., I, K
Dicranopteris pectinata (Willd.) Underw., K, S, D
Sticherus remotus (Kaulf.) Chrysler, D

Gnetaceae

Gnetum nodiflorum Brongn., I, M, D
Gnetum paniculatum Spruce ex Benth., I, D
Gnetum schwackeanum Taub. ex Schenk, D
Gnetum urens (Aubl.) Blume, I, M, S, D

Grammitidaceae

Cochlidium furcatum (Hook. & Grev.) C. Chr., I, K, M, S
Cochlidium linearifolium (Desv.) Maxon ex C. Chr., I, K, S, D
Cochlidium serrulatum (Sw.) L.E. Bishop, I, K, M, S, D
Grammitis blanchetii (C. Chr.) A.R. Sm., M, S
Grammitis bryophila (Maxon) F. Seym., K
Grammitis flabelliformis (Poir.) C.V. Morton, K, M

Grammitis kaieteura (Jenman) C.V. Morton, K
Grammitis mollissima (Fée) Proctor, K
Grammitis staheliana (Posth.) Lellinger, S
Grammitis suspensa (L.) Proctor, K, S
Grammitis taenifolia (Jenman) Proctor, K, S
Grammitis taxifolia (L.) Proctor, S

Haemodoraceae

Schiekia orinocensis (Kunth) Meisn., S
Xiphidium caeruleum Aubl., I, S

Heliconiaceae

Heliconia acuminata Rich., I, K, M, S, D
Heliconia bihai (L.) L., I, K, M, S
Heliconia chartacea Lane ex Barreiros, I, M
Heliconia densiflora B. Verl., M, S
Heliconia hirsuta L.f., I, S
Heliconia lourteigiae Emygdio & E. Santos, I, S
Heliconia pendula Wawra, S
Heliconia psittacorum L.f., I, S, D
Heliconia richardiana Miq., S
Heliconia spathocircinata Aristeg., I, S

Hernandiaceae

Hernandia guianensis Aubl., S
Sparattanthelium acreanum Pilg., D
Sparattanthelium guianense Sandwith, S
Sparattanthelium tarapotinum Meisn., D
Sparattanthelium uncigerum (Meisn.) Kubitzki, S
Sparattanthelium wonotoboense Kosterm., S

Hippocrateaceae

Anthodon decussatum Ruiz & Pav., D
Cheiloclinium belizense (Standl.) A.C. Sm., K
Cheiloclinium cognatum (Miers) A.C. Sm., M, S
Cheiloclinium diffusiflorum (Miers) A.C. Sm., K, M
Cheiloclinium hippocrateoides (Peyr.) A.C. Sm., K, M, S, D
Cheiloclinium krukovii (A.C. Sm.) A.C. Sm., D
Cuervea kappleriana (Miq.) A.C. Sm., D
Elachyptera floribunda (Benth.) A.C. Sm., S
Hippocratea volubilis L., I, K, M, S
Peritassa compta Miers, I, M
Peritassa laevigata (Hoffmanns.) A.C. Sm., I, M
Prionostemma aspera (Lam.) Miers, I, M, S
Pristimera nervosa (Miers) A.C. Sm., S
Salacia elliptica (Mart. ex Roem. & Schult.) G. Don, I
Salacia impressifolia (Miers) A.C. Sm., I, S, D
Salacia insignis A.C. Sm., S
Salacia juruana Loes., I, S
Salacia maburensis Mennega, I, M
Salacia multiflora (Lam.) DC., I, M, S, D
Tontelea attenuata Miers, M, S
Tontelea coriacea A.C. Sm., M
Tontelea cylindrocarpa (A.C. Sm.) A.C. Sm., S
Tontelea emarginata A.C. Sm., D
Tontelea fluminensis (Peyr.) A.C. Sm., D
Tontelea laxiflora (Benth.) A.C. Sm., K, M, S
Tontelea nectandrifolia (A.C. Sm.) A.C. Sm., M
Tontelea ovalifolia (Miers) A.C. Sm., I, M, S, D
Tontelea sandwithii A.C. Sm., S

Hugoniaceae

Hebepetalum humiriifolium (Planch.) Benth., M, S, D
Roucheria punctata (Ducke) Ducke, D

- Roucheria schomburgkii* Planch., M
Roucheria sp., K
- Humiriaceae**
Duckesia verrucosa (Ducke) Cuatrec., D
Endopleura uchi (Huber) Cuatrec., D
Humiria balsamifera Aubl., I, K, M, D
Humiria crassifolia Mart. ex Urb., K
Humirastrum excelsum (Ducke) Cuatrec., S
Humirastrum obovatum (Benth.) Cuatrec., M
Sacoglottis ceratocarpa Ducke, D
Sacoglottis guianensis Benth., M, S, D
Sacoglottis matogrossensis Malme, D
Schistostemon dichotomum (Urb.) Cuatrec., I
Vantanea guianensis Aubl., I, S, D
Vantanea macrocarpa Ducke, D
Vantanea micrantha Ducke, D
Vantanea parviflora Lam., S, D
- Hymenophyllaceae**
Hymenophyllum decurrens (Jacq.) Sw., K, S
Hymenophyllum hirsutum (L.) Sw., K, S
Hymenophyllum kaieteurum Jenman, K
Hymenophyllum polyanthos (Sw.) Sw., I, K, S, D
Hymenophyllum sp., M
Trichomanes angustifrons (Fée) Wess. Boer, K, S
Trichomanes ankersii C. Parker ex Hook. & Grev., I, M, S, D
Trichomanes anomalum Maxon & C.V. Morton, K
Trichomanes arbuscula Desv., I, K, M, D
Trichomanes bancroftii Hook. & Grev., K
Trichomanes botryoides Kaulf., M
Trichomanes celluloseum Klotzsch, K, D
Trichomanes crispum L., I, K, S
Trichomanes cristatum Kaulf., K, S, D
Trichomanes diaphanum Kunth, I, K, M, S
Trichomanes diversifrons (Bory) Mett. ex Sadeb., I, S
Trichomanes ekmanii Wess. Boer, S
Trichomanes elegans Rich., K, S, D
Trichomanes hostmannianum (Klotzsch) Kunze, K
Trichomanes jenmanii Lellinger, M
Trichomanes kapplerianum J.W. Sturm, K, M, S
Trichomanes krausii Hook. & Grev., S
Trichomanes martiusii C. Presl, I, M, D
Trichomanes membranaceum L., S
Trichomanes mougeotii Bosch, S
Trichomanes osmundoides DC. ex Poir., S
Trichomanes ovale (E. Fourn.) Wess. Boer, D
Trichomanes pedicellatum Desv., I, K, M, S
Trichomanes pilosum Raddi, D
Trichomanes pinnatum Hedw., I, K, M, S, D
Trichomanes polypodioides L., S
Trichomanes punctatum Poir., M, S, D
Trichomanes radicans Sw., S
Trichomanes rigidum Sw., S
Trichomanes robustum E. Fourn., S
Trichomanes trollii Bergdolt, I, S
Trichomanes tuerckheimii H. Christ, S
Trichomanes vittaria DC. ex Poir., S
- Icacinaeae**
Casimirella rupestris (Ducke) R.A. Howard, D
Dendrobangia boliviana Rusby, S, D
- Discophora guianensis* Miers, M, S, D
Emmotum acuminatum (Benth.) Miers, D
Emmotum fagifolium Ham., I, M, S
Emmotum glabrum Benth. ex Miers, K, D
Leretia cordata Vell., M, S
Pleurisanthes emarginata Tiegh., D
Pleurisanthes flava Sandwith, K, M
Pleurisanthes parviflora (Ducke) R.A. Howard, D
Poraqueiba guianensis Aubl., S, D
Poraqueiba sericea Tul., D
- Iridaceae**
Eleutherine bulbosa (Mill.) Urb., S
- Ixonanthaceae**
Ochthocosmus barrae Hallier f., K
Ochthocosmus roraimae Benth., K
- Lacistemataceae**
Lacistema aggregatum (Bergius) Rusby, I, K, M, S, D
Lacistema grandifolium W. Schnizl., S, D
Lacistema polystachyum W. Schnizl., S, D
- Lamiaceae**
Hyptis atrorubens Poit., M, S, D
Hyptis lanceolata Poir., I, S
Hyptis lantanifolia Poit., D
Hyptis mutabilis (Rich.) Briq., S
Hyptis pachycephala Epling, S
Hyptis parkeri Benth., I
Hyptis pectinata (L.) Poit., K
Leonotis nepetifolia (L.) W.T. Aiton, S
Marsypianthes chamaedrys (Vahl) Kuntze, S, D
Ocimum campechianum Mill., I, K, S
Scutellaria uliginosa A. St.-Hil. ex Benth., S
- Lauraceae**
Aiouea grandifolia van der Werff, D
Aiouea guianensis Aubl., I, M
Aiouea laevis (Mart.) Kosterm., I
Aiouea longipetiolata van der Werff, S
Aiouea maguireana (C.K. Allen) S.S. Renner, D
Aiouea myristicoides Mez, D
Aiouea opaca van der Werff, S
Aniba burchellii Kosterm., D
Aniba canelilla (Kunth) Mez, M, D
Aniba citrifolia (Nees) Mez, I, M, S
Aniba excelsa Kosterm., I, M
Aniba ferrea Kubitzki, D
Aniba hostmanniana (Nees) Mez, I, D
Aniba hypoglauca Sandwith, I, K, M
Aniba jenmanii Mez, D
Aniba kappleri Mez, M, S
Aniba megaphylla Mez, I, D
Aniba panurensis (Meisn.) Mez, I, M, D
Aniba parviflora (Meisn.) Mez, S, D
Aniba permollis (Nees) Mez, K
Aniba riparia (Nees) Mez, D
Aniba rosaeodora Ducke, K, M, D
Aniba santalodora Ducke, D
Aniba terminalis Ducke, D
Aniba williamsii O.C. Schmidt, S, D
Aniba sp. nov., S
Beilschmiedia hexanthera van der Werff, S
Cassytha filiformis L., I, K

- Chlorocardium rodiei* (R.H. Schomb.) Rohwer, H.G.
Richt. & van der Werff, **I, M**
- Cinnamomum cinnamomifolium* (Kunth) Kosterm., **S**
- Dicypellium manusense* W.A. Rodrigues, **D**
- Endlicheria bracteata* Mez, **D**
- Endlicheria bracteolata* (Meisn.) C.K. Allen, **D**
- Endlicheria chalisea* Chanderbali, **I, M, D**
- Endlicheria citriodora* van der Werff, **D**
- Endlicheria longicaudata* (Ducke) Kosterm., **D**
- Endlicheria macrophylla* (Meisn.) Mez, **D**
- Endlicheria multiflora* (Miq.) Mez, **I, M, S**
- Endlicheria punctulata* (Mez) C.K. Allen, **M, S**
- Endlicheria pyriformis* (Nees) Mez, **S, D**
- Endlicheria sericea* Nees, **S, D**
- Endlicheria sprucei* (Meisn.) Mez, **D**
- Endlicheria szyszyłowiczii* Mez, **D**
- Endlicheria wurdackiana* C.K. Allen, **S**
- Endlicheria* sp. nov., **D**
- Kubitzkia mezii* (Kosterm.) van der Werff, **S, D**
- Licaria cannella* (Meisn.) Kosterm., **I, K, M, S, D**
- Licaria chrysophylla* (Meisn.) Kosterm., **S, D**
- Licaria debilis* (Mez) Kosterm., **I, K, S**
- Licaria guianensis* Aubl., **I, S, D**
- Licaria hirsuta* van der Werff ined., **D**
- Licaria macrophylla* (A.C. Sm.) Kosterm., **D**
- Licaria martiniana* (Mez) Kosterm., **I, S, D**
- Licaria oppositifolia* (Nees) Kosterm., **D**
- Licaria pachycarpa* (Meisn.) Kosterm., **D**
- Licaria puchury-major* (Mart.) Kosterm., **D**
- Licaria rodriguesii* Kurz, **D**
- Licaria subbullata* Kosterm., **S, D**
- Licaria vernicosa* (Mez) Kosterm., **S**
- Mezilaurus duckei* van der Werff, **D**
- Mezilaurus itauba* (Meisn.) Taub. ex Mez, **I, D**
- Mezilaurus synandra* (Mez) Kosterm., **D**
- Nectandra amazonum* Nees, **I, M**
- Nectandra cissiflora* Nees, **S**
- Nectandra cuspidata* Nees, **D**
- Nectandra globosa* (Aubl.) Mez, **I, S**
- Nectandra hihua* (Ruiz & Pav.) Rohwer, **S**
- Nectandra purpurea* (Ruiz & Pav.) Mez, **S**
- Nectandra reticulata* (Ruiz & Pav.) Mez, **S**
- Ocotea aciphylla* (Nees & Mart. ex Nees) Mez, **M, S, D**
- Ocotea adenotrachelium* (Nees) Mez, **D**
- Ocotea amazonica* (Meisn.) Mez, **D**
- Ocotea argyrophylla* Ducke, **D**
- Ocotea boissieriana* (Meisn.) Mez, **D**
- Ocotea canaliculata* (Rich.) Mez, **I, K, M, S**
- Ocotea ceanothifolia* (Nees) Mez, **I, S, D**
- Ocotea cernua* (Nees) Mez, **I, K, M, S, D**
- Ocotea cinerea* van der Werff, ined., **S, D**
- Ocotea commutata* (Nees) Mez, **S**
- Ocotea cujumari* aff. Mart., **D**
- Ocotea cymbarum* Kunth, **M**
- Ocotea delicata* Vicentini ined., **D**
- Ocotea discrepens* C.K. Allen, **M**
- Ocotea dissimilis* C.K. Allen, **S**
- Ocotea douradensis* Vattimo-Gil, **D**
- Ocotea fendleri* (Meisn.) Rohwer, **S**
- Ocotea floribunda* (Sw.) Mez, **M, S, D**
- Ocotea glomerata* (Nees) Mez, **M, S**
- Ocotea guianensis* Aubl., **I, M, D**
- Ocotea immersa* van der Werff ined., **D**
- Ocotea indirectinervia* C.K. Allen, **S**
- Ocotea leucoxyloides* (Sw.) Laness., **I, M, D**
- Ocotea longifolia* Kunth, **S, D**
- Ocotea matogrossensis* Vattimo, **D**
- Ocotea minor* Vicentini ined., **D**
- Ocotea myriantha* (Meisn.) Mez, **D**
- Ocotea neblinae* C.K. Allen, **D**
- Ocotea nigra* Benoist, **I**
- Ocotea nigrescens* Vicentini ined., **D**
- Ocotea nitida* (Meisn.) Rohwer, **D**
- Ocotea obliqua* Vicentini ined., **D**
- Ocotea oblonga* (Meisn.) Mez, **S, D**
- Ocotea olivacea* A.C. Sm., **D**
- Ocotea pauciflora* (Nees) Mez, **M, D**
- Ocotea percurrans* Vicentini ined., **D**
- Ocotea puberula* (Rich.) Nees, **M, S, D**
- Ocotea rhodophylla* Vicentini ined., **D**
- Ocotea rhynchophylla* (Meisn.) Mez, **D**
- Ocotea rubra* Mez, **K, S**
- Ocotea scabrella* van der Werff ined., **D**
- Ocotea schomburgkiana* (Nees) Mez, **I, K, M**
- Ocotea splendens* (Meisn.) Baill., **I, S, D**
- Ocotea subterminalis* van der Werff ined., **D**
- Ocotea tabacifolia* (Meisn.) Rohwer, **D**
- Ocotea tomentella* Sandwith, **M, S**
- Ocotea* sp. nov., **M**
- Persea jenmanii* Mez, **K**
- Pleurothyrium vasquezii* van der Werff, **D**
- Rhodostemonodaphne crenaticupula* Madriñán, **I, D**
- Rhodostemonodaphne elephantopus* Madriñán, **S**
- Rhodostemonodaphne grandis* (Mez) Rohwer, **S, D**
- Rhodostemonodaphne kunthiana* (Nees) Rohwer, **I, S**
- Rhodostemonodaphne leptoclada* Madriñán, **S**
- Rhodostemonodaphne morii* Madriñán, **I, S**
- Rhodostemonodaphne negrensis* Madriñán, **D**
- Rhodostemonodaphne parvifolia* Madriñán, **D**
- Rhodostemonodaphne peneia* Madriñán, **D**
- Rhodostemonodaphne praeclara* (Sandwith) Madriñán, **I**
- Rhodostemonodaphne recurva* van der Werff ined., **D**
- Rhodostemonodaphne rufovirgata* Madriñán, **S**
- Rhodostemonodaphne saulensis* Madriñán, **S**
- Rhodostemonodaphne scandens* Madriñán, **D**
- Rhodostemonodaphne sordida* Madriñán, **D**
- Rhodostemonodaphne* sp. nov., **I**
- Sextonia rubra* (Mez) van der Werff, **D**
- Lecythidaceae**
- Allantoma lineata* (Mart. ex O. Berg) Miers, **D**
- Bertholletia excelsa* Bonpl., **D**
- Cariniana decandra* Ducke, **D**
- Cariniana integrifolia* Ducke, **D**
- Cariniana micrantha* Ducke, **D**
- Corythophora alta* R. Knuth, **D**
- Corythophora amapaensis* Pires ex S.A. Mori & Prance, **S**
- Corythophora rimosa* W.A. Rodrigues, **S, D**
- Couratari calycina* Sandwith, **K**
- Couratari gloriosa* Sandwith, **M, S**
- Couratari guianensis* Aubl., **M, S, D**
- Couratari longipedicellata* W.A. Rodrigues, **D**

- Couratari multiflora* (Sm.) Eyma, **K, S, D**
Couratari oblongifolia Ducke & R. Knuth, **S**
Couratari oligantha A.C. Sm., **K**
Couratari riparia Sandwith, **K**
Couratari stellata A.C. Sm., **I, S, D**
Couratari tauari O. Berg, **D**
Eschweilera alata A.C. Sm., **K, M**
Eschweilera amazoniciformis S.A.Mori, **D**
Eschweilera apiculata (Miers) A.C. Sm., **S**
Eschweilera atropetiolata S.A.Mori, **D**
Eschweilera bracteosa (Poepp. ex O. Berg) Miers, **D**
Eschweilera carinata S.A.Mori, **D**
Eschweilera chartaceifolia S.A. Mori, **S**
Eschweilera collina Eyma, **S, D**
Eschweilera congestiflora (Benoist) Eyma, **I**
Eschweilera coriacea (DC.) S.A. Mori, **I, K, M, S, D**
Eschweilera cyathiformis S.A.Mori, **D**
Eschweilera decolorans Sandwith, **I, K, M, S**
Eschweilera eperuetorum Sandwith, **K**
Eschweilera grandiflora (Aubl.) Sandwith, **S, D**
Eschweilera laevicarpa S.A. Mori, **S**
Eschweilera micrantha (O. Berg) Miers, **I, M, S, D**
Eschweilera parviflora (Aubl.) Miers, **M, S**
Eschweilera pedicellata (Rich.) S.A. Mori, **I, M, S, D**
Eschweilera piresii S.A. Mori, **S**
Eschweilera pseudodecolorans S.A.Mori, **D**
Eschweilera rhododendrifolia (R. Knuth) A.C. Sm., **D**
Eschweilera romeu-cardosoi S.A.Mori, **D**
Eschweilera sagotiana Miers, **I, K, M, S**
Eschweilera simiorum (Benoist) Eyma, **I, S**
Eschweilera squamata S.A. Mori, **S**
Eschweilera subglandulosa (Steud. ex O. Berg) Miers, **I, K, M**
Eschweilera tessmannii R. Knuth, **D**
Eschweilera truncata A.C. Sm., **D**
Eschweilera wachenheimii (Benoist) Sandwith, **I, K, M, D**
Gustavia augusta L., **I, M, S**
Gustavia elliptica S.A.Mori, **D**
Gustavia hexapetala (Aubl.) Sm., **I, S, D**
Lecythis alutacea (A.C. Sm.) S.A. Mori, **I, M**
Lecythis amara Aubl., **S**
Lecythis assuncaoi S.A.Mori ined., **D**
Lecythis chartacea O. Berg, **K, S**
Lecythis confertiflora (A.C. Sm.) S.A. Mori, **I, M, S**
Lecythis corrugata Poit., **I, K, M, S**
Lecythis graciana S.A.Mori, **D**
Lecythis holcogyne (Sandwith) S.A. Mori, **I, M, S**
Lecythis idatimon Aubl., **K, S**
Lecythis parvifructa S.A.Mori, **D**
Lecythis persistens Sagot, **S**
Lecythis pisonis Cambess., **D**
Lecythis poiteau O. Berg, **S, D**
Lecythis prancei S.A.Mori, **D**
Lecythis retusa Spruce ex O. Berg, **D**
Lecythis zabucajo Aubl., **K, M, S, D**
- Lentibulariaceae**
- Genlisea filiformis* A. St.-Hil., **K**
Genlisea pygmaea A. St.-Hil., **K**
Genlisea repens Benj., **K**
Utricularia adpressa Salzm. ex A. St.-Hil. & Girard, **K**
- Utricularia amethystina* Salzm. ex A. St.-Hil. & Girard, **K**
Utricularia calycifida Benj., **K**
Utricularia foliosa L., **I**
Utricularia guyanensis A. DC., **K**
Utricularia hispida Lam., **K**
Utricularia humboldtii R.H. Schomb., **K**
Utricularia jamesoniana Oliv., **K**
Utricularia juncea Vahl, **I, K**
Utricularia longeciliata A. DC., **K**
Utricularia nana A. St.-Hil. & Girard, **K**
Utricularia pubescens Sm., **K**
Utricularia pusilla Vahl, **I, K, M**
Utricularia sandwithii P. Taylor, **K**
Utricularia simulans Pilg., **K**
Utricularia subulata L., **K**
Utricularia tenuissima Tutin, **K**
Utricularia trichophylla Spruce ex Oliv., **K**
Utricularia sp., **D**
- Liliaceae**
- Crinum erubescens* L.f. ex Sol., **M**
Curculigo scorzonifolia (Lam.) Baker, **I**
Hippeastrum puniceum (Lam.) Kuntze, **M, S**
Hymenocallis tubiflora Salisb., **I, K, S**
- Lissocarpaceae**
- Lissocarpa guianensis* Gleason, **M**
- Loganiaceae**
- Antonia ovata* Pohl, **M, S**
Bonyunia aquatica Ducke, **D**
Mitreola petiolata (J.F. Gmel.) Torr. & A. Gray, **S**
Potalia amara Aubl., **S, D**
Spigelia anthelmia L., **D**
Spigelia humilis Benth., **M**
Spigelia multispica Steud., **I, M, S**
Strychnos amazonica Krukoff, **D**
Strychnos asperula Sprague & Sandwith, **D**
Strychnos bredemeyeri (Schult.) Sprague & Sandwith, **M**
Strychnos cayennensis Krukoff & Barneby, **S**
Strychnos cogens Benth., **I, S, D**
Strychnos diaboli Sandwith, **M**
Strychnos erichsonii M.R. Schomb. ex Progel, **M, S**
Strychnos froesii Ducke, **D**
Strychnos glabra Sagot ex Progel, **S, D**
Strychnos guianensis (Aubl.) Mart., **I, K, M, S**
Strychnos hirsuta Spruce ex Benth., **M**
Strychnos jobertiana Baill., **D**
Strychnos medeola Sagot ex Progel, **S**
Strychnos melinoniana Baill., **M, S**
Strychnos mitscherlichii M.R. Schomb., **K, M, D**
Strychnos oiapocensis Fróes, **S**
Strychnos panurensis Sprague & Sandwith, **S**
Strychnos parviflora Spruce ex Benth., **D**
Strychnos peckii B.L. Rob., **I, S, D**
Strychnos subcordata Spruce ex Benth., **M, D**
Strychnos tomentosa Benth., **M, S**
Strychnos toxifera R.H. Schomb. ex Benth., **S**
- Lomariopsidaceae**
- Bolbitis nicotianifolia* (Sw.) Alston, **S**
Bolbitis semipinnatifida (Fée) Alston, **I, K, S**
Bolbitis serratifolia (Mert. ex Kaulf.) Schott, **S**

- Elaphoglossum apodum* (Kaulf.) Schott ex J. Sm., **S**
Elaphoglossum flaccidum (Fée) T. Moore, **S**
Elaphoglossum glabellum J. Sm., **K, M, S, D**
Elaphoglossum herminieri (Bory & Fée ex Fée) T. Moore, **S**
Elaphoglossum laminarioides (Bory ex Fée) T. Moore, **M, S**
Elaphoglossum longicaudatum Mickel, **S**
Elaphoglossum luridum (Fée) H. Christ, **M, S**
Elaphoglossum macrophyllum (Mett. ex Kuhn) H. Christ, **K, D**
Elaphoglossum pteropodum (Sodiolo) C. Chr., **S**
Elaphoglossum pteropus C. Chr., **S, D**
Elaphoglossum revolutum (Liebm.) T. Moore, **S**
Elaphoglossum rigidum (Aubl.) Urb., **S, D**
Elaphoglossum schomburgkii (Fée) T. Moore, **D**
Elaphoglossum strictum (Raddi) T. Moore, **S**
Lomagramma guianensis (Aubl.) Ching, **S**
Lomariopsis japurensis (Mart.) J. Sm., **I, S**
Lomariopsis sp., **D**
- Loranthaceae**
Cladocolea micrantha (Eichler) Kuijt, **K, D**
Cladocolea sandwithii (Maguire) Kuijt, **K**
Oryctanthus alveolatus (Kunth) Kuijt, **I, S**
Oryctanthus florulentus (Rich.) Tiegh., **I, M, S**
Phthirusa dissectifolia (Rizzini) Kuijt, **M**
Phthirusa guyanensis Eichler, **K, M**
Phthirusa ovata (DC.) Eichler, **D**
Phthirusa pycnostachya Eichler, **S**
Phthirusa pyrifolia (Kunth) Eichler, **S**
Phthirusa retroflexa (Ruiz & Pav.) Kuijt, **M**
Phthirusa rufa (Mart.) Eichler, **I, K, M, D**
Phthirusa stelis (L.) Kuijt, **I, M, S, D**
Psittacanthus cinctus Mart., **D**
Psittacanthus corynocephalus Eichler, **S, D**
Psittacanthus lasianthus Sandwith, **K**
Psittacanthus peronopetalus Eichler, **D**
Psittacanthus siphon, vel aff. Eichler, **D**
Struthanthus dichotrianthus Eichler, **S**
Struthanthus syringifolius (Mart.) Mart., **S**
Struthanthus sp., **M**
- Lycopodiaceae**
Huperzia dichotoma (Jacq.) Trevis., **M, S**
Huperzia funiformis (Cham. ex Spring) Trevis., **K**
Huperzia linifolia (L.) Trevis., **S**
Huperzia taxifolia (Sw.) Trevis., **S**
Lycopodiella caroliniana (L.) Pic. Serm., **I, K**
Lycopodiella cernua (L.) Pic. Serm., **I, K, M, S, D**
Lycopodium sp., **S**
- Lygodiaceae**
Lygodium micans J. W. Sturm, **I, K**
Lygodium venustum Sw., **K, D**
Lygodium volubile Sw., **I, K, M**
Lygodium sp., **S**
- Lythraceae**
Cuphea antisiphilitica Kunth, **I, D**
Cuphea carthagenensis (Jacq.) J.F. Macbr., **S**
Cuphea ramulosa Mart. ex Koehne, **D**
Cuphea sp., **K**
- Malpighiaceae**
Banisteriopsis carolina W.R. Anderson, **S**
Banisteriopsis lucida (Rich.) Small, **K**
Banisteriopsis martiniana (A. Juss.) Cuatrec., **I, K, M**
Banisteriopsis pulcherrima (Sandwith) B. Gates, **K**
Banisteriopsis schwannioides (Griseb.) B. Gates, **S**
Banisteriopsis wurdackii B. Gates, **S**
Banisteriopsis sp., **D**
Bunchosia argentea (Jacq.) DC., **I**
Bunchosia decussiflora W.R. Anderson, **S**
Bunchosia glandulifera (Jacq.) Kunth, **S**
Burdachia sphaerocarpa A. Juss., **M**
Byrsonima aerugo Sagot, **I, M, S**
Byrsonima altissima DC., **K**
Byrsonima christianeae W.R. Anderson, **K**
Byrsonima chrysophylla Kunth, **D**
Byrsonima concinna Benth., **K**
Byrsonima crassifolia (L.) Kunth, **I, K, M**
Byrsonima crispa A. Juss., **D**
Byrsonima densa (Poir.) DC., **S**
Byrsonima duckeana W.R. Anderson, **D**
Byrsonima eugeniifolia Sandwith, **I, K, M**
Byrsonima gymnocalycina A. Juss., **K, M**
Byrsonima incarnata Sandwith, **K, D**
Byrsonima poeppigiana A. Juss., **D**
Byrsonima spicata (Cav.) DC., **K**
Byrsonima stipulacea A. Juss., **I, K, M, S**
Glandonia macrocarpa Griseb., **D**
Heteropterys cristata Benth., **I, M**
Heteropterys macradena (DC.) W.R. Anderson, **M**
Heteropterys macrostachya A. Juss., **M**
Heteropterys multiflora (DC.) Hochr., **I, M**
Heteropterys nervosa A. Juss., **I, M**
Heteropterys oligantha W.R. Anderson, **S**
Heteropterys velutina W.R. Anderson, **I**
Heteropterys sp., **D**
Hiraea adenophora Sandwith, **M**
Hiraea affinis Miq., **M, S**
Hiraea fagifolia (DC.) A. Juss., **M, S**
Hiraea faginea (Sw.) Nied., **I, M**
Hiraea graciceana W.R. Anderson, **I, S**
Hiraea morii W.R. Anderson, **S**
Jubelina rosea (Miq.) Nied., **S**
Malpighia emarginata DC., **S**
Mascagnia bracteosa Griseb., **D**
Mascagnia divaricata (Kunth) Nied., **S**
Mascagnia guianensis W.R. Anderson, **M**
Mascagnia sepium (A. Juss.) Griseb., **I, M**
Mezia includens (Benth.) Cuatrec., **M, S**
Pterandra arborea Ducke, **D**
Spachea elegans (G. Mey.) A. Juss., **I**
Stigmaphyllon sinuatum (DC.) A. Juss., **I, K, M, S, D**
Tetrapteryx acutifolia Cav., **M, S**
Tetrapteryx calophylla A. Juss., **M**
Tetrapteryx crispa A. Juss., **I, M, S**
Tetrapteryx discolor (G. Mey.) DC., **I, S**
Tetrapteryx fimbripetala A. Juss., **I, M**
Tetrapteryx glabrifolia (Griseb.) Small, **S**
Tetrapteryx megalantha W.R. Anderson, **S**
Tetrapteryx mucronata Cav., **I, M, S, D**
Tetrapteryx styloptera A. Juss., **I, K, M**

Malvaceae

- Hibiscus bifurcatus* Cav., I
Hibiscus furcellatus Desr., I
Hibiscus sororius L.f., I
Pavonia cancellata (L.) Cav., D
Pavonia castanaefolia A. St.-Hil. & Naudin, I, S
Pelteaea trinervis (C. Presl) Krapov. & Cristóbal, I
Sida cordifolia L., I, K
Sida glomerata Cav., I, M
Sida rhombifolia L., S, D
Sida setosa Mart. ex Colla, S
Urena lobata L., I, M
Wissadula patens (A. St.-Hil.) Garcke, I

Marantaceae

- Calathea altissima* (Poepp. & Endl.) Körn., D
Calathea cyclophora Baker, K
Calathea cylindrica (Roscoe) K. Schum., S
Calathea elliptica (Roscoe) K. Schum., I, S
Calathea legrelleana (Linden) Regel, I
Calathea lutea (Aubl.) Schult., I
Calathea maasiorum H. Kenn., S
Calathea mansonis Körn., S
Calathea micans (Mathieu) Körn., S
Calathea microcephala (Poepp. & Endl.) Körn., S
Calathea propinqua (Poepp. & Endl.) Körn., S
Calathea splendida (Verschaff. ex Lem.) Regel, S
Calathea taeniosa Joriss., D
Calathea zingiberina Körn., S, D
Calathea sp. nov., D
Hylaeanthus hexantha (Poepp. & Endl.) A.M.E. Jonker & Jonker, S
Hylaeanthus unilateralis (Poepp. & Endl.) A.M.E. Jonker & Jonker, S
Ischnosiphon arouma (Aubl.) Körn., I, K, S
Ischnosiphon centricifolius L. Andersson, S
Ischnosiphon enigmaticus L. Andersson, S
Ischnosiphon foliosus Gleason, I, K, M
Ischnosiphon gracilis (Rudge) Körn., I, K, M, S, D
Ischnosiphon killipii J.F. Macbr., D
Ischnosiphon martianus Eichler ex Petersen, D
Ischnosiphon obliquus (Rudge) Körn., I, K, M, S
Ischnosiphon petiolatus (Rudge) L. Andersson, K, S
Ischnosiphon puberulus Loes., I, K, M, S, D
Maranta amplifolia K. Schum., S
Maranta friedrichsthaliana Körn., S
Maranta gibba Sm., I
Maranta humilis Aubl., S
Maranta protracta Miq., I
Maranta rupicola L. Andersson, S
Monophyllanthus oligophylla K. Schum., S
Monotagma angustissimum Loes., D
Monotagma contractum Huber, S
Monotagma densiflorum (Körn.) K. Schum., D
Monotagma laxum (Poepp. & Endl.) K. Schum., D
Monotagma plurispicatum (Körn.) K. Schum., S
Monotagma secundum (Petersen) K. Schum., D
Monotagma spicatum (Aubl.) J.F. Macbr., I, K, M, S, D
Monotagma tomentosum K. Schum. ex Loes., D
Monotagma vaginatum Hagberg, D
Stromanthe tonckat (Aubl.) Eichler, S
Thalia geniculata L., K
Thymocarpus cannoideus Steyererm., D

Marattiaceae

- Danaea elliptica* Sm., I, S, D
Danaea nodosa (L.) Sm., S
Danaea simplicifolia Rudge, I, K, S, D

Marcgraviaceae

- Marcgravia coriacea* Vahl, K, M
Marcgravia crenata Poepp. ex Wittm., D
Marcgravia parviflora Rich. ex Wittm., I, M, D
Marcgravia sp., D
Marcgravia sp., S
Marcgraviastrum sp., D
Norantea guianensis Aubl., I, K, M, S
Norantea pendula Lanj. & Heerd, K
Norantea sp., D
Souroubea guianensis Aubl., I, K, M, S
Souroubea sp., D

Mayacaceae

- Mayaca longipes* Mart. ex Seub., K
Mayaca sellowiana Kunth, S

Melastomataceae

- Aciotis aequatorialis* Cogn., S, D
Aciotis annua (Mart ex DC.) Triana, K
Aciotis circaeifolia (Bonpl.) Triana, M, D
Aciotis fragilis (DC.) Cogn., M
Aciotis laxa (DC.) Cogn., I, K, M, S
Aciotis ornata (Miq.) Gleason, M
Aciotis purpurascens (Aubl.) Triana, I, K, M, S, D
Aciotis rubricaulis (Mart. ex DC.) Triana, S
Adelobotrys adscendens (Sw.) Triana, S, D
Adelobotrys marginata Brade, D
Adelobotrys scandens (Aubl.) DC., D
Appendicularia thymifolia (Bonpl.) DC., K
Bellucia dichotoma Cogn., D
Bellucia grossularioides (L.) Triana, I, K, M, S, D
Bellucia pentamera Naudin, I
Blakea rosea (Ruiz & Pav.) D. Don, D
Clidemia anisophylla DC., S
Clidemia bullosa DC., M, D
Clidemia capitata Benth., K
Clidemia capitellata (Bonpl.) D. Don, K
Clidemia charadrophylla Tutin, K
Clidemia conglomerata DC., I, K, M, S
Clidemia dentata D. Don, S
Clidemia epibaterium DC., K, D
Clidemia hirta (L.) D. Don, I, K, S, D
Clidemia involucreta DC., K, M, S
Clidemia japurensis DC., K, D
Clidemia laevifolia Gleason, S
Clidemia micrantha Sagot, K
Clidemia minutiflora (Triana) Cogn., K, M
Clidemia novemnervia (DC.) Triana, K, D
Clidemia octona (Bonpl.) L.O. Williams, S
Clidemia ostentata Wurdack, K
Clidemia pycnaster Tutin, K
Clidemia rubra (Aubl.) Mart., K, S, D
Clidemia saulensis Wurdack, M, S
Clidemia septuplinervia Cogn., S
Clidemia sericea D. Don, I, K
Clidemia silvicola Gleason, K
Clidemia strigillosa (Sw.) DC., K

- Comolia microphylla* Benth., **K**
Comolia vernicosa (Benth.) Triana, **I, K, M**
Comolia villosa (Aubl.) Triana, **I, K, S**
Desmoscelis villosa (Aubl.) Naudin, **S**
Ernestia cataractae Tutin, **K**
Ernestia glandulosa Gleason, **S**
Ernestia granvillei Wurdack, **S**
Graffenrieda caryophyllea Triana, **K**
Graffenrieda irwinii Wurdack, **K**
Graffenrieda weddellii Naudin, **K**
Henriettea granulata Berg ex Triana, **D**
Henriettea multiflora Naudin, **I, K, M**
Henriettea ramiflora (Sw.) DC., **K, M, S, D**
Henriettea stellaris O. Berg ex Triana, **I, M**
Henriettea succosa (Aubl.) DC., **S**
Henriettella caudata Gleason, **K, S, D**
Henriettella duckeana Hoehne, **S, D**
Leandra agrestis (Aubl.) Raddi, **S**
Leandra candelabrum (J.F. Macbr.) Wurdack, **D**
Leandra clidemioides (Naudin) Wurdack, **S**
Leandra divaricata (Naudin) Cogn., **K, M, S**
Leandra micropetala (Naudin) Cogn., **K, S, D**
Leandra paleacea Wurdack, **S**
Leandra purpurea Gleason, **K, M**
Leandra rufescens (DC.) Cogn., **K, S**
Leandra sanguinea Gleason, **K**
Leandra secunda (D. Don) Cogn., **D**
Leandra solenifera Cogn., **I, K, S**
Loreya arborecens (Aubl.) DC., **S**
Loreya mespiloides Miq., **M, S**
Loreya riparia S.S. Renner, **D**
Loreya spruceana Benth. ex Triana, **D**
Loreya subrotundifolia (Wurdack) S.S. Renner, **S**
Macairea pachyphylla Benth., **I, K**
Macairea thyriflora DC., **K**
Macrocentrum cristatum (DC.) Triana, **I, K, M, S**
Macrocentrum droseroides Triana, **K**
Macrocentrum fasciculatum (Rich. ex DC.) Triana, **S**
Macrocentrum latifolium Wurdack, **S**
Macrocentrum repens (Gleason) Wurdack, **K**
Macrocentrum vestitum Sandwith, **K**
Maieta guianensis Aubl., **S, D**
Maieta poeppigii Mart. ex Cogn., **I, K, D**
Meriania urceolata Triana, **K**
Miconia acuminata (Steud.) Naudin, **S**
Miconia affinis DC., **S, D**
Miconia alata (Aubl.) DC., **I, S, D**
Miconia aliquantula Wurdack, **S**
Miconia ampla Triana, **D**
Miconia aplostachya (Bonpl.) DC., **I**
Miconia argyrophylla DC., **I, M, S, D**
Miconia astroplocama Donn. Sm., **D**
Miconia biglandulosa Gleason, **D**
Miconia bracteata (DC.) Triana, **I, K, M, S**
Miconia cacatin (Aubl.) S.S. Renner, **S**
Miconia campestris (Benth.) Triana, **K**
Miconia ceramicarpa (DC.) Cogn., **I, M, S, D**
Miconia chrysophylla (Rich.) Urb., **I, S**
Miconia ciliata (Rich.) DC., **I, K, S**
Miconia cuspidata Mart. ex Naudin, **D**
Miconia diaphanea Gleason, **S**
Miconia dispar Benth., **S, D**
Miconia dodecandra (Desr.) Cogn., **K**
Miconia duckei Cogn., **D**
Miconia egensis Cogn., **K, D**
Miconia elaeagnoides Cogn., **D**
Miconia eriodontata DC., **S, D**
Miconia fallax DC., **I**
Miconia gratissima Benth. ex Triana, **I, K, M, S, D**
Miconia holosericea (L.) DC., **S, D**
Miconia hypoleuca (Benth.) Triana, **M**
Miconia ibaguensis (Bonpl.) Triana, **D**
Miconia lateriflora Cogn., **S**
Miconia lepidota DC., **K, D**
Miconia longispicata Triana, **D**
Miconia macrothyrsa Benth., **I**
Miconia maguirei Gleason, **K**
Miconia marginata Triana, **K**
Miconia mariae Wurdack, **I, K**
Miconia minutiflora (Bonpl.) DC., **S, D**
Miconia mirabilis (Aubl.) L.O. Williams, **M, S**
Miconia myriantha Benth., **I, K, S**
Miconia nervosa (Sm.) Triana, **M, S, D**
Miconia phanerostila Pilg., **D**
Miconia platypoda Gleason, **D**
Miconia plukenetii Naudin, **K, S**
Miconia poeppigii Triana, **D**
Miconia polita Gleason, **K**
Miconia prasina (Sw.) DC., **I, K, M, S**
Miconia pubipetala Miq., **D**
Miconia punctata (Desr.) D. Don ex DC., **M, D**
Miconia pyrifolia Naudin, **D**
Miconia racemosa (Aubl.) DC., **K, S**
Miconia regelii Cogn., **D**
Miconia rubiginosa (Bonpl.) DC., **M**
Miconia rufescens (Aubl.) DC., **I**
Miconia sastrei Wurdack, **S**
Miconia schwackei Cogn., **D**
Miconia serrulata (DC.) Naudin, **M**
Miconia spichigeri Wurdack, **D**
Miconia splendens (Sw.) Griseb., **D**
Miconia tetraspermoides Wurdack, **D**
Miconia tillettii Wurdack, **S**
Miconia tomentosa (Rich.) D. Don ex DC., **S, D**
Miconia traillii Cogn., **S, D**
Miconia trimera Wurdack, **S**
Mouriri acutiflora Naudin, **M**
Mouriri angulicosta Morley, **D**
Mouriri brachyanthera Ducke, **D**
Mouriri collocarpa Ducke, **S, D**
Mouriri crassifolia Sagot, **S**
Mouriri dimorphandra Morley, **D**
Mouriri duckeana Morley, **S, D**
Mouriri duckeanaoides Morley, **D**
Mouriri ficoides Morley, **D**
Mouriri grandiflora DC., **I, D**
Mouriri huberi Cogn., **D**
Mouriri lunatanthera Morley, **D**
Mouriri nervosa Pilg., **D**
Mouriri nigra (DC.) Morley, **D**
Mouriri oligantha Pilg., **D**
Mouriri sagotiana Triana, **S**

Mouriri sideroxylon Sagot ex Triana, **S**
Mouriri trunciflora Ducke, **D**
Mouriri sp., **K**
Myriaspora egensis Mart. ex DC., **I, K**
Nepsera aquatica (Aubl.) Naudin, **K, S, D**
Phainantha laxiflora (Triana) Gleason, **K**
Pterolepis glomerata (Rottb.) Miq., **K**
Rhynchanthera grandiflora (Aubl.) DC., **S**
Siphanthera cordifolia (Benth.) Gleason, **K**
Siphanthera hostmannii Cogn., **K**
Tibouchina aspera Aubl., **I, M, S**
Tibouchina fraterna N.E. Br., **K**
Tibouchina multiflora (Gardner) Cogn., **S**
Tococa aristata Benth., **I, K, M**
Tococa bullifera Mart. & Schrank ex DC., **D**
Tococa caryophyllaea (DC.) S.S. Renner, **D**
Tococa desiliens Gleason, **K**
Tococa guianensis Aubl., **M, D**
Tococa nitens (Benth.) Triana, **I, K**
Tococa subciliata (DC.) Triana, **I, M**
Topobea parasitica Aubl., **S**

Meliaceae

Carapa guianensis Aubl., **I, K, M, D**
Carapa procera A. DC., **I, M, S, D**
Cedrela fissilis Vell., **D**
Cedrela odorata L., **M, S**
Guarea carinata Ducke, **D**
Guarea cinnamomea Harms, **D**
Guarea convergens T.D. Penn., **D**
Guarea gomma Pulle, **K, S**
Guarea grandifolia A. DC., **S**
Guarea guidonia (L.) Sleumer, **I**
Guarea humaitensis T.D. Penn., **D**
Guarea kunthiana A. Juss., **I, M, S**
Guarea macrophylla Vahl, **K, D**
Guarea michel-moddei T.D. Penn. & S.A. Mori, **S**
Guarea pubescens (Rich.) A. Juss., **I, M, S, D**
Guarea purusana C. DC., **D**
Guarea scabra A. Juss., **S, D**
Guarea silvatica C. DC., **S, D**
Guarea trunciflora C. DC., **D**
Trichilia areolata T.D. Penn., **D**
Trichilia cipo (A. Juss.) C. DC., **I, S, D**
Trichilia euneura C. DC., **S**
Trichilia martiana C. DC., **I**
Trichilia micrantha Benth., **S, D**
Trichilia micropetala T.D. Penn., **D**
Trichilia pallida Sw., **I, S, D**
Trichilia pleeana (A. Juss.) C. DC., **D**
Trichilia quadrijuga Kunth, **I, S**
Trichilia rubra C. DC., **D**
Trichilia schomburgkii C. DC., **I, S, D**
Trichilia septentrionalis C. DC., **S, D**
Trichilia sp., **M**

Mendonciaceae

Mendoncia bivalvis (L.f.) Merr., **S**
Mendoncia glabra (Poepp. & Endl.) Nees, **S**
Mendoncia hoffmannseggiana Nees, **I, S, D**
Mendoncia pedunculata Leonard, **D**
Mendoncia squamuligera Nees, **I, M, S**

Menispermaceae

Abuta barbata Miers, **M**
Abuta bullata Moldenke, **K, M, S**
Abuta candollei Triana & Planch., **M, D**
Abuta grandifolia (Mart.) Sandwith, **M, S, D**
Abuta grisebachii Triana & Planch., **D**
Abuta imene (Mart.) Eichler, **K, M, S, D**
Abuta obovata Diels, **M, D**
Abuta pahni (Mart.) Krukoff & Barneby, **D**
Abuta panurensis Eichler, **D**
Abuta rufescens Aubl., **M, S, D**
Abuta sandwithiana Krukoff & Barneby, **M, D**
Abuta solimoensis Krukoff & Barneby, **D**
Abuta velutina Gleason, **M**
Abuta sp., **I**
Anomospermum chloranthum Diels, **S**
Anomospermum grandifolium Eichler, **M**
Anomospermum solimoesanum (Moldenke) Krukoff & Barneby, **D**
Anomospermum steyermarkii Krukoff & Barneby, **S**
Caryomene olivascens Barneby & Krukoff, **S**
Cissampelos andromorpha DC., **I, M, D**
Curarea candicans (Rich. ex DC.) Barneby & Krukoff, **I, M, S**
Disciphania lobata Eichler, **D**
Disciphania moriorum Barneby, sp. nov. ined., **S**
Elephantomene eburnea Barneby & Krukoff, **S**
Odontocarya amazonum Barneby, **D**
Odontocarya tamoides (DC.) Miers, **M**
Odontocarya wullschlaegelii (Eichler) Barneby, **D**
Orthomene hirsuta (Krukoff & Moldenke) Barneby & Krukoff, **D**
Orthomene prancei Barneby & Krukoff, **S**
Orthomene schomburgkii (Miers) Barneby & Krukoff, **I**
Sciadotenia cayennensis Benth., **I, M, S**
Sciadotenia duckei Moldenke, **D**
Sciadotenia sprucei Diels, **D**
Telitoxicum inopinatum Moldenke, **M, S**
Telitoxicum krukovii Moldenke, **M**
Telitoxicum minutiflorum (Diels) Moldenke, **M, D**
Telitoxicum rodriguesii Krukoff, **D**

Metaxyaceae

Metaxya rostrata (Kunth) C. Presl, **I, K, M, S, D**

Mimosaceae

Abarema adenophora (Ducke) Barneby & J.W. Grimes, **D**
Abarema barbouriana (Standl.) Barneby & J.W. Grimes, **S**
Abarema campestris (Spruce ex Benth.) Barneby & J.W. Grimes, **D**
Abarema cochleata (Willd.) Barneby & J.W. Grimes, **D**
Abarema curvicarpa (H.S. Irwin) Barneby & J.W. Grimes, **K, S, D**
Abarema floribunda (Spruce ex Benth.) Barneby & J.W. Grimes, **D**
Abarema jupunba (Willd.) Britton & Killip, **I, K, M, S, D**
Abarema laeta (Benth.) Barneby & J.W. Grimes, **S, D**
Abarema mataybifolia (Sandwith) Barneby & J.W. Grimes, **I, S, D**
Abarema microcalyx (Spruce ex Benth.) Barneby & J.W. Grimes, **D**

- Abarema piresii* Barneby & J.W. Grimes, **D**
Acacia altiscandens Ducke, **D**
Acacia multipinnata Ducke, **D**
Acacia tenuifolia (L.) Willd., **I, S**
Albizia subdimidiata (Splitz.) Barneby & J.W. Grimes, **I**
Balizia elegans (Ducke) Barneby & J.W. Grimes, **D**
Balizia pedicellaris (DC.) Barneby & J.W. Grimes, **I, M, S**
Calliandra laxa (Willd.) Benth., **K**
Calliandra surinamensis Benth., **K**
Calliandra tenuiflora Benth., **D**
Cedrelinga cateniformis (Ducke) Ducke, **I, S, D**
Entada polyphylla Benth., **S, D**
Enterolobium barnebianum A.L. Mesquita & M.F. Silva, **M**
Enterolobium cyclocarpum (Jacq.) Griseb., **M**
Enterolobium schomburgkii (Benth.) Benth., **S, D**
Hydrochorea corymbosa (Rich.) Barneby & J.W. Grimes, **I, K**
Hydrochorea gonggrijpii (Kleinhoonte) Barneby & J.W. Grimes, **K**
Inga acreana Harms, **S**
Inga acrocephala Steud., **S**
Inga alata Benoist, **I, S**
Inga alba (Sw.) Willd., **I, K, M, S, D**
Inga albicoria Poncy, **S**
Inga auristellae Harms, **I, S**
Inga bicoloriflora Ducke, **D**
Inga bourgonii (Aubl.) DC., **S**
Inga brachystachys Ducke, **S**
Inga bracteosa Benth., **S**
Inga capitata Desv., **I, S, D**
Inga cayennensis Sagot ex Benth., **D**
Inga chrysantha Ducke, **D**
Inga cordatoalata Ducke, **D**
Inga disticha Benth., **I, M**
Inga edulis Mart., **S, D**
Inga fastuosa (Jacq.) Willd., **S**
Inga glomeriflora Ducke, **D**
Inga graciliflora Benth., **S**
Inga gracilifolia Ducke, **D**
Inga grandiflora Ducke, **D**
Inga huberi Ducke, **M, S, D**
Inga java Pittier, **S**
Inga lateriflora Miq., **M, D**
Inga laurina (Sw.) Willd., **D**
Inga leiocalycina Benth., **I, S, D**
Inga longiflora Spruce ex Benth., **D**
Inga longipedunculata Ducke, **S**
Inga macrophylla Humb. & Bonpl. ex Willd., **D**
Inga meissneriana Miq., **M**
Inga melinonis Sagot, **D**
Inga nobilis Willd., **I, K, M, S**
Inga nouragensis Poncy, **S**
Inga nubium Poncy, **S**
Inga nuda Salzm. ex Benth., **S**
Inga obidensis Ducke, **D**
Inga panurensis Spruce ex Benth., **D**
Inga paraensis Ducke, **S, D**
Inga pezzifera Benth., **I, S, D**
Inga poeppigiana Benth., **S**
Inga retinocarpa Poncy, **S**
Inga rhynchocalyx Sandwith, **S, D**
Inga rubiginosa (Rich.) DC., **I, S, D**
Inga sarmentosa Glaz. ex Harms, **S**
Inga semialata (Vell.) Mart., **I, S, D**
Inga sertulifera DC., **I, K, M**
Inga splendens Willd., **S, D**
Inga stipularis DC., **M, S, D**
Inga suberosa T.D.Penn., **D**
Inga thibaudiana DC., **I, K, M, S, D**
Inga umbellifera (Vahl) Steud., **I, S, D**
Inga umbratica Poepp. & Endl., **D**
Inga virgultosa (Vahl) Desv., **S**
Macrosamanea discolor (Humb. & Bonpl. ex Willd.) Britton & Rose ex Britton & Killip, **M**
Macrosamanea pubiramea (Steud.) Barneby & J.W. Grimes, **I, M, D**
Macrosamanea sp., **K**
Mimosa guilandinae (DC.) Barneby, **S, D**
Mimosa myriadenia (Benth.) Benth., **I, K, M, S**
Mimosa pellita Humb. & Bonpl. ex Willd., **I**
Mimosa pigra L., **I**
Mimosa polydactyla Humb. & Bonpl. ex Willd., **S**
Mimosa pudica L., **I, S, D**
Parkia decussata Ducke, **S, D**
Parkia igneiflora Ducke, **D**
Parkia multijuga Benth., **D**
Parkia nitida Miq., **M, S, D**
Parkia panurensis Spruce ex H.C.Hopkins, **D**
Parkia pendula (Willd.) Benth. ex Walp., **M, S, D**
Parkia reticulata Ducke, **S**
Parkia ulei (Harms) Kuhl., **M, S**
Parkia velutina Benoist, **S, D**
Pentaclethra maculosa (Willd.) Kuntze, **I, K, M**
Piptadenia floribunda Kleinhoonte, **S**
Piptadenia minutiflora Ducke, **D**
Pseudopiptadenia psilostachya (DC.) G.P. Lewis & M.P. Lima, **S, D**
Pseudopiptadenia suaveolens (Miq.) J.W. Grimes, **M, S**
Stryphnodendron guianense (Aubl.) Benth., **S, D**
Stryphnodendron moricolor Barneby & J.W. Grimes, **S**
Stryphnodendron ochionianum E.M. Martins, **D**
Stryphnodendron polystachyum (Miq.) Kleinhoonte, **S**
Stryphnodendron pulcherrimum (Willd.) Hochr., **D**
Stryphnodendron racemiferum (Ducke) W.A. Rodrigues, **D**
Zygia basijuga (Ducke) Barneby & J.W. Grimes, **K, D**
Zygia cataractae (Kunth) L. Rico, **I**
Zygia latifolia (L.) Fawc. & Rendle, **I, M, D**
Zygia potaroensis Barneby & J.W. Grimes, **K**
Zygia racemosa (Ducke) Barneby & J.W. Grimes, **M, S, D**
Zygia tetragona Barneby & J.W. Grimes, **S**

Monimiaceae

- Mollinedia grazielae* Peixoto, **I**
Mollinedia laurina Tul., **I, K, S**
Mollinedia ovata Ruiz & Pav., **S, D**
Siparuna cristata (Poepp. & Endl.) A. DC., **D**
Siparuna cuspidata (Tul.) A. DC., **I, S, D**
Siparuna decipiens (Tul.) A. DC., **I, M, S, D**

- Siparuna glycyarpa* (Ducke) S.S. Renner, **D**
Siparuna guianensis Aubl., **I, K, M, S, D**
Siparuna monogyna Jang., **D**
Siparuna pachyantha A.C. Sm., **S**
Siparuna poeppigii (Tul.) A. DC., **S, D**
Siparuna reginae (Tul.) A. DC., **D**
Siparuna sarmentosa Perkins, **D**
Siparuna sprucei A. DC., **S**
- Moraceae**
Bagassa guianensis Aubl., **M, S**
Brosimum acutifolium Huber, **S, D**
Brosimum guianense (Aubl.) Huber, **I, K, M, S, D**
Brosimum lactescens (S. Moore) C.C. Berg, **I, S, D**
Brosimum longifolium Ducke, **D**
Brosimum parinarioides Ducke, **S, D**
Brosimum potabile Ducke, **D**
Brosimum rubescens Taub., **M, S, D**
Brosimum utile (Kunth) Pittier, **I, S, D**
Clarisia ilicifolia (Spreng.) Lanj. & Rossberg, **I, M, S, D**
Clarisia racemosa Ruiz & Pav., **D**
Ficus albert-smithii Standl., **K, D**
Ficus amazonica (Miq.) Miq., **S, D**
Ficus broadwayi Urb., **K**
Ficus cremersii C.C. Berg, **D**
Ficus duckeana C.C. Berg, **D**
Ficus gomelleira Kunth & Bouché, **M, S, D**
Ficus greiffiana Dugand, **D**
Ficus guianensis Desv., **K, M, S, D**
Ficus hebetifolia Dugand, **D**
Ficus insipida Willd., **S**
Ficus krukovii Standl., **D**
Ficus leiophylla C.C. Berg, **S**
Ficus malacocarpa Standl., **I, K**
Ficus mathewsii (Miq.) Miq., **K, D**
Ficus maxima Mill., **I, S, D**
Ficus nymphaeifolia Mill., **S**
Ficus obtusifolia Kunth, **M, D**
Ficus pakkensis Standl., **D**
Ficus paludica Standl., **M**
Ficus panurensis Standl., **K, M, S, D**
Ficus paraensis (Miq.) Miq., **I, K, M, D**
Ficus pertusa L.f., **S, D**
Ficus piresiana Vazq. Avila & C.C. Berg, **D**
Ficus schumacheri (Liebm.) Griseb., **S**
Ficus subapiculata (Miq.) Miq., **D**
Ficus trigona L.f., **I, D**
Helicostylis elegans (Macbr.) C.C. Berg, **D**
Helicostylis pedunculata Benoist, **S, D**
Helicostylis scabra (Macbr.) C.C. Berg, **D**
Helicostylis tomentosa (Poepp. & Endl.) Rusby, **I, K, M, S, D**
Helicostylis turbinata C.C. Berg, **D**
Maquira calophylla (Poepp. & Endl.) C.C. Berg, **D**
Maquira guianensis Aubl., **S, D**
Maquira sclerophylla (Ducke) C.C. Berg, **S, D**
Naucleopsis caloneura (Huber) Ducke, **D**
Naucleopsis guianensis (Mildbr.) C.C. Berg, **M, S**
Naucleopsis stipularis Ducke, **D**
Naucleopsis ternstroemiiflora (Mildbr.) C.C. Berg, **D**
Naucleopsis ulei (Warb.) Ducke, **D**
- Perebea guianensis* Aubl., **S**
Perebea mollis (Poepp. & Endl.) Huber, **D**
Perebea rubra (Trécul) C.C. Berg, **S**
Pseudolmedia laevigata Trécul, **S, D**
Pseudolmedia laevis (Ruiz & Pav.) J.F. Macbr., **I, S, D**
Sorocea guilleminiana Gaudich., **D**
Sorocea muriculata Miq., **D**
Sorocea pubivena Hemsley, **I, D**
Trymatococcus amazonicus Poepp. & Endl., **S, D**
Trymatococcus oligandrus (Benoist) Lanj., **S**
Trymatococcus paraensis Ducke, **M**
- Myristicaceae**
Compsonera ulei Warb., **S, D**
Iryanthera coriacea Ducke, **D**
Iryanthera dialyandra Ducke, **D**
Iryanthera elliptica Ducke, **D**
Iryanthera juruensis Warb., **I, S, D**
Iryanthera laevis Markgr., **D**
Iryanthera lancifolia Ducke, **I, M, D**
Iryanthera macrophylla (Benth.) Warb., **I, D**
Iryanthera paradoxa (Schwacke) Warb., **D**
Iryanthera paraensis Huber, **I, D**
Iryanthera polyneura Ducke, **D**
Iryanthera sagotiana (Benth.) Warb., **M, S, D**
Iryanthera tessmannii Markgr., **S**
Iryanthera ulei Warb., **D**
Osteophloeum platyspermum (Spruce ex A. DC.) Warb., **S, D**
Otoba sp., **M**
Viola caducifolia W.A. Rodrigues, **D**
Viola calophylla (Spruce) Warb., **D**
Viola divergens Ducke, **D**
Viola elongata (Benth.) Warb., **M**
Viola guggenheimii W.A. Rodrigues, **D**
Viola kwatae Sabatier, **S**
Viola michelii Heckel, **M, S, D**
Viola mollissima (Poepp. ex A. DC.) Warb., **D**
Viola multicostata Ducke, **D**
Viola multinervia Ducke, **D**
Viola pavonis (A. DC.) A.C. Sm., **D**
Viola sebifera Aubl., **M, S, D**
Viola surinamensis (Rol. ex Rottb.) Warb., **I, M, S**
Viola venosa (Benth.) Warb., **D**
- Myrsinaceae**
Ardisia guianensis (Aubl.) Mez, **I, S**
Cybianthus amplus (Mez) G. Agostini, **K**
Cybianthus duidae (Gleason & Moldenke) G. Agostini, **K**
Cybianthus fulvopulverulentus (Mez) G. Agostini, **K, M**
Cybianthus fuscus Mart., **S**
Cybianthus gracillimus Mez, **M**
Cybianthus guyanensis (A. DC.) Miq., **K, M, S, D**
Cybianthus longifolius Miq., **D**
Cybianthus microbotrys A. DC., **I, S**
Cybianthus pakaraimae Pipoly, sp. nov. ined., **K**
Cybianthus potiaei (Mez) G. Agostini, **K, S, D**
Cybianthus prieurii A. DC., **K, M, S**
Cybianthus resinosus Mez, **K, D**
Cybianthus surinamensis (Spreng.) G. Agostini, **M, S**
Cybianthus venezuelanus Mez, **K, M, S**
Stylogyne incognita Pipoly, **S**

Stylogyne micrantha (Kunth) Mez, **D**
Stylogyne orinocensis Was Ardisia o. !, **I**
Stylogyne rodriguesiana Pipoly, **D**
Stylogyne schomburgkiana (A. DC.) Mez, **I, M**

Myrtaceae

Blepharocalyx eggersii (Kiaersk.) Landrum, **D**
Calycolpus goetheanus (DC.) O. Berg, **M, D**
Calycolpus revolutus (Schauer) O. Berg, **M, D**
Calycolpus sp. 1, **D**
Calycorectes bergii Sandwith, **I**
Calyptranthes amshoffae McVaugh, **K, S**
Calyptranthes bracteata M.L. Kawas. & B. Holst, **S**
Calyptranthes creba McVaugh, **D**
Calyptranthes cuspidata DC., **D**
Calyptranthes forsteri O. Berg, **M**
Calyptranthes macrophylla O. Berg, **D**
Calyptranthes multiflora O. Berg, **D**
Calyptranthes paniculata Ruiz & Pav., **D**
Calyptranthes pullei Burret ex Amshoff, **I**
Eugenia agathopoda Diels, **D**
Eugenia albicans (O. Berg) Urb., **I, S**
Eugenia anastomosans DC., **I, K, D**
Eugenia arawakorum Sandwith, **I**
Eugenia argyrophylla B. Holst & M.L. Kawas., **S**
Eugenia armeniaca Sagot, **S**
Eugenia biflora (L.) DC., **I, D**
Eugenia citrifolia Poir., **D**
Eugenia coffeifolia DC., **I, M, S**
Eugenia conjuncta Amshoff, **M**
Eugenia cribrata McVaugh, **I**
Eugenia cucullata Amshoff, **I, K, M**
Eugenia cupulata Amshoff, **D**
Eugenia cuspidifolia DC., **D**
Eugenia diplocampta Diels, **D**
Eugenia egensis DC., **I**
Eugenia excelsa O. Berg, **M**
Eugenia feijoi O. Berg, **S, D**
Eugenia ferreiraeana O. Berg, **S, D**
Eugenia florida DC., **I, D**
Eugenia gongylocarpa M.L. Kawas. & B. Holst, **S**
Eugenia illepida McVaugh, **D**
Eugenia kaieteurensis Amshoff, **K**
Eugenia lambertiana DC., **I**
Eugenia latifolia Aubl., **I**
Eugenia ligustrina (Sw.) Willd., **I**
Eugenia longiracemosa Kiaersk., **D**
Eugenia luciae Amshoff, **I**
Eugenia macrocalyx (Rusby) McVaugh, **K, S**
Eugenia malaccensis L., **D**
Eugenia mimus McVaugh, **I, S**
Eugenia morii B. Holst & M.L. Kawas., **S**
Eugenia muricata DC., **S**
Eugenia omissa McVaugh, **D**
Eugenia patrisii Vahl, **I, M, S, D**
Eugenia prosooneura O. Berg, **D**
Eugenia protenta McVaugh, **D**
Eugenia pseudopsidium Jacq., **S, D**
Eugenia puniceifolia (Kunth) DC., **K, D**
Eugenia ramiflora Desv., **D**
Eugenia stylaris McVaugh, **D**
Eugenia subterminalis DC., **D**
Eugenia tafelbergica Amshoff, **I**
Eugenia tapacumensis O. Berg, **I, K, M, D**
Eugenia tetramera (McVaugh) M.L. Kawas. & B. Holst, **S**
Eugenia trinervia Vahl, **I, M**
Eugenia wullschlaegeliana Amshoff, **S**
Eugenia sp. nov., **D**
Marlierea buxifolia Amshoff, **K**
Marlierea caudata McVaugh, **D**
Marlierea montana (Aubl.) Amshoff, **M**
Marlierea salticola Amshoff, **K**
Marlierea schomburgkiana O. Berg, **M**
Marlierea umbraticola (Kunth) O. Berg, **D**
Myrcia albidotomentosa (Amshoff) McVaugh, **K**
Myrcia aliena McVaugh, **D**
Myrcia amazonica DC., **D**
Myrcia bracteata (Rich.) DC., **D**
Myrcia calycampa Amshoff, **I**
Myrcia citrifolia (Aubl.) Urb., **D**
Myrcia cuprea (O. Berg) Kiaersk., **D**
Myrcia decorticans DC., **I, S**
Myrcia extranea McVaugh, **K**
Myrcia fallax (Rich.) DC., **K, M, S, D**
Myrcia fenestrata DC., **S, D**
Myrcia gigas McVaugh, **S, D**
Myrcia graciliflora Sagot, **S**
Myrcia grandis McVaugh, **D**
Myrcia guianensis (Aubl.) DC., **I, D**
Myrcia huallagae McVaugh, **D**
Myrcia inaequiloba (DC.) Legrand, **I**
Myrcia magnoliifolia DC., **S, D**
Myrcia minutiflora Sagot, **S, D**
Myrcia paivae O. Berg, **D**
Myrcia platyclada DC., **K, S**
Myrcia pyrifolia (Desv. ex Ham.) Nied., **I**
Myrcia quitarensis (Benth.) Sagot, **I**
Myrcia rotundata (Amshoff) McVaugh, **K**
Myrcia rufipila McVaugh, **D**
Myrcia rupestris M.L. Kawas. & B. Holst, **S**
Myrcia saxatilis (Amshoff) McVaugh, **S**
Myrcia servata McVaugh, **D**
Myrcia subobliqua (Benth.) Nied., **I, M**
Myrcia subsericea A. Gray, **D**
Myrcia subsessilis O. Berg, **S**
Myrcia sylvatica (G. Mey.) DC., **I, K, M, S, D**
Myrciaria amazonica O. Berg, **I**
Myrciaria dubia (Kunth) McVaugh, **I**
Myrciaria floribunda (West ex Willd.) O. Berg, **I, M, D**
Myrciaria vismeifolia (Benth.) O. Berg, **I, M**
Myrciaria sp., **K**
Plinia pinnata L., **I**
Psidium acutangulum DC., **I**
Psidium guineense Sw., **I**
Psidium persoonii McVaugh, **I, M, S, D**
Psidium striatulum DC., **I, M**

Nyctaginaceae

Guapira eggersiana (Heimerl) Lundell, **K, M**
Guapira fragrans (Dum.-Cours.) Little, **M**
Guapira salicifolia (Heimerl) Lundell, **S**
Neea constricta Spruce ex J.A. Schmidt, **M, S**
Neea floribunda Poepp. & Endl., **I, M, S, D**

- Neea laxa* Poepp. & Endl., **D**
Neea madeirana Standl., **D**
Neea mollis Spruce ex J.A. Schmidt, **S**
Neea obovata Spruce ex Heimerl, **D**
Neea oppositifolia Ruiz & Pav., **D**
Neea ovalifolia Spruce ex J.A. Schmidt, **S, D**
Neea verticillata Ruiz & Pav., **D**
Pisonia glabra Heimerl, **M**
Pisonia tomentosa Casar., **D**
Pisonia sp., **S**
- Nymphaeaceae**
Nymphaea glandulifera Rodschied, **S**
Nymphaea rudgeana G. Mey., **K**
- Nymphaeaceae**
Victoria amazonica (Poepp.) Sowerby, **I**
- Ochnaceae**
Cespedesia spathulata (Ruiz & Pav.) Planch., **M, D**
Elvasia essequibensis Engl., **K**
Ouratea candollei (Planch.) Tiegh., **S**
Ouratea cardiosperma (Lam.) Engl., **M**
Ouratea carniflora Sandwith, **K**
Ouratea coccinea (Mart.) Engl., **D**
Ouratea discophora Ducke, **D**
Ouratea erecta Sastre, **S**
Ouratea ferruginea Engl., **D**
Ouratea gillyana (Dwyer) Sandwith & Maguire, **K**
Ouratea guianensis Aubl., **M**
Ouratea leblondii (Tiegh.) Lemée, **M, S**
Ouratea mazaruniensis A.C. Sm. & Dwyer, **K**
Ouratea odora (Poepp.) Engl., **D**
Ouratea paraensis Huber, **D**
Ouratea pendula (Poepp.) Engl., **S**
Ouratea roraimae Engl., **K**
Ouratea rupununiensis (Klotzsch) Engl., **I**
Ouratea saulensis Sastre, **S**
Ouratea schomburgkii (Planch.) Engl., **I**
Ouratea scottii Sastre, **S**
Ouratea superba Engl., **I**
Pocilandra retusa Tul., **K**
Sauvagesia aliciae Sastre, **S**
Sauvagesia elata Benth., **D**
Sauvagesia erecta L., **I, K, M, S, D**
Sauvagesia rubiginosa A. St.-Hil., **I**
Sauvagesia sprengelii A. St.-Hil., **K**
Sauvagesia tafelbergensis Sastre, **S**
- Olacaceae**
Aptandra tubicina (Poepp.) Benth. ex Miers, **D**
Cathedra acuminata (Benth.) Miers, **S**
Chaunochiton kappleri (Sagot ex Engl.) Ducke, **M, S, D**
Dulacia candida (Poepp.) Kuntze, **D**
Dulacia crassa (Monach.) Sleumer, **K**
Dulacia guianensis (Engl.) Kuntze, **I, K, M, S, D**
Heisteria barbata Cuatrec., **D**
Heisteria cauliflora Sm., **I, K, M, S**
Heisteria densifrons Engl., **I, K, S, D**
Heisteria duckei Sleumer, **D**
Heisteria laxiflora Engl., **D**
Heisteria maguirei Sleumer, **K**
Heisteria scandens Ducke, **S**
Maburea trinervis Maas, **I, M**
- Minquartia guianensis* Aubl., **M, S, D**
Ptychopetalum olacoides Benth., **D**
- Oleandraceae**
Nephrolepis biserrata (Sw.) Schott, **M, S, D**
Nephrolepis cordifolia (L.) C. Presl, **K**
Nephrolepis multiflora (Roxb.) F.M. Jarrett ex C.V. Morton, **M**
Nephrolepis pectinata (Willd.) Schott, **D**
Nephrolepis rivularis (Vahl) Mett. ex Krug, **K, S, D**
Oleandra articulata (Sw.) C. Presl, **I, K, S, D**
Oleandra pilosa Hook., **K**
- Onagraceae**
Ludwigia affinis (DC.) H. Hara, **S**
Ludwigia decurrens Walter, **M**
Ludwigia dodecandra (DC.) Zardini & P.H. Raven, **S**
Ludwigia erecta (L.) H. Hara, **I, K, M, S**
Ludwigia hyssopifolia (G. Don) Exell, **K, M, D**
Ludwigia leptocarpa (Nutt.) H. Hara, **I, S**
Ludwigia octovalvis (Jacq.) P.H. Raven, **K, S, D**
Ludwigia rigida (Miq.) Sandwith, **I**
Ludwigia sericea (Cambess.) H. Hara, **I**
- Ophioglossaceae**
Ophioglossum palmatum L., **D**
- Opiaceae**
Agonandra silvatica Ducke, **M, D**
- Orchidaceae**
Acacallis cyanea Lindl., **D**
Aganisia pulchella Lindl., **S**
Aspidogyne foliosa (Poepp. & Endl.) Garay, **K, S**
Aspidogyne multifoliata (C. Schweinf.) Garay, **K**
Batemannia colleyi Lindl., **K, M, S, D**
Beloglottis sp., **S**
Bifrenaria longicornis Lindl., **I, M, D**
Bifrenaria rudolfii (Hoehne) Carnevali & Romero, **D**
Bollea violacea (Lindl.) Rchb.f., **I, K**
Brassavola martiana Lindl., **I, M**
Brassia bidens Lindl., **K**
Brassia caudata (L.) Lindl., **S**
Brassia chloroleuca Barb. Rodr., **S**
Brassia huebneri Schltr., **S**
Brassia lanceana Lindl., **S**
Brassia lawrenceana Lindl., **I**
Brassia wagneri Rchb.f., **K, M**
Bulbophyllum bracteolatum Lindl., **S**
Caluera vulpina Dodson & Determann, **S**
Campylocentrum fasciola (Lindl.) Cogn., **I, M, D**
Campylocentrum micranthum (Lindl.) Rolfe, **I, M, S, D**
Catasetum barbatum (Lindl.) Lindl., **S, D**
Catasetum discolor (Lindl.) Lindl., **K, M**
Catasetum gnomus Linden & Rchb.f., **D**
Catasetum rivularium Barb. Rodr., **D**
Catasetum tigrinum Rchb.f., **D**
Cattleya violacea (Kunth) Rolfe, **I**
Caularthron bicornutum (Hook.) Raf., **M**
Caularthron bilamellatum (Rchb.f.) R.E. Schult., **I**
Cheiradenia cuspidata Lindl., **I, M, S**
Cleistes rosea Lindl., **K, S**
Cochleanthes guianensis Lafontaine, G. Gerlach & Senghas, **S**
Coryanthes sp., **M**

- Cryptarrhena guatemalensis* Schltr., **S**
Cryptarrhena kegelii Rchb.f., **I, S**
Cryptocentrum sp., **K**
Cyclopogon olivaceus (Rolfe) Schltr., **S**
Cynoches haagii Barb. Rodr., **S**
Degravillea dermaptera Determann, **S**
Dichaea ancoraelabia C. Schweinf., **D**
Dichaea hookeri Garay & Sweet, **K**
Dichaea kegelii Rchb.f., **S**
Dichaea muricata (Sw.) Lindl., **M, S**
Dichaea pendula (Aubl.) Cogn., **S**
Dichaea picta Rchb.f., **M**
Dichaea rendlei Gleason, **K**
Dichaea splitgerberi Rchb.f., **K**
Dichaea tenuis C. Schweinf., **D**
Dichaea trulla Rchb.f., **K, S**
Dichaea sp., **I**
Dimerandra elegans (Focke) Siegerist, **M, S**
Dimerandra sp., **I**
Dryadella osmariniana (Braga) Garay & Dunsterv., **D**
Elleanthus caravata (Aubl.) Rchb.f., **I, K, M, S**
Elleanthus graminifolius (Barb. Rodr.) Lojtnant, **K, M, S**
Encyclia aemula (Lindl.) Carnevali & I. Ramírez, **M, S**
D
Encyclia calamaria (Lindl.) Pabst, **M**
Encyclia chloroleuca (Hook.) Neumann, **K**
Encyclia diurna (Jacq.) Schltr., **M**
Encyclia granitica (Lindl.) Schltr., **I, S**
Encyclia latipetala (C. Schweinf.) Pabst, **K**
Encyclia pygmaea (Hook.) Dressler, **M, S**
Encyclia tarumana Schltr., **D**
Encyclia vespa (Vell.) Dressler, **I, K, M**
Epidendrum anceps Jacq., **M, S**
Epidendrum carpophorum Barb. Rodr., **K, M, S**
Epidendrum compressum Griseb., **K, M, D**
Epidendrum difforme Jacq., **M**
Epidendrum diffusum Sw., **M**
Epidendrum ecostatum Pabst ex Angley, **K, S**
Epidendrum flexuosum G. Mey., **I**
Epidendrum imitans Schltr., **K**
Epidendrum longicolle Lindl., **K**
Epidendrum macrocarpum (Rich.) Garay, comb. nov.
 ined., **I, K, M**
Epidendrum microphyllum Lindl., **M, S, D**
Epidendrum miserimum Rchb.f., **K**
Epidendrum nocturnum Jacq., **I, K, M, S, D**
Epidendrum oldemanii Christenson, **S**
Epidendrum orchidiflorum Salzm. ex Lindl., **I, K**
Epidendrum purpurascens Focke, **I, K, M, S**
Epidendrum ramosum Jacq., **I, K, S**
Epidendrum rigidum Jacq., **I, M, S, D**
Epidendrum schlechterianum Ames, **M, D**
Epidendrum sculptum Rchb.f., **M, D**
Epidendrum smaragdinum Lindl., **K, D**
Epidendrum strobiliferum Rchb.f., **I, K, M, S, D**
Epidendrum strobiloides Garay & Dunst., **S**
Epidendrum tridens Poepp. & Endl., **K**
Epidendrum tumuchumaciense (Veyret) Carnevali &
 Romero, **K**
Epidendrum unguiculatum (C. Schweinf.) Garay &
 Dunst., **S**
- Epistephium amplexicaule* (Ruiz. & Pav.) Poepp. & Endl.,
K
Epistephium ellipticum R.O. Williams & Summerh., **K**
Epistephium parviflorum Lindl., **K**
Epistephium subrepens Hoehne, **K**
Erythrodes stigmatoptera (Rchb.f.) Pabst, **D**
Erythrodes sp., **S**
Erythrodes sp., **D**
Eulophia alta (L.) Fawc. & Rendle, **K, M, D**
Gongora atropurpurea Hook., **M**
Gongora pleiochroma Rchb.f., **S**
Gongora sp., **K**
Habenaria leprieurii Rchb.f., **I, K**
Habenaria longicauda Hook., **K**
Habenaria platydactyla Kraenzl., **K**
Habenaria rodeiensis Barb. Rodr., **S**
Habenaria sp., **D**
Ionopsis satyrioides (Sw.) Rchb.f., **S**
Ionopsis utricularioides (Sw.) Lindl., **K**
Isochilus linearis (Jacq.) R. Br., **S**
Jacquiiniella globosa (Jacq.) Schltr., **K, M, S**
Jacquiiniella sp., **D**
Kefersteinia lafontainei Senghas & G. Gerlach, **S**
Kegeliella houtteana (Rchb.f.) L.O. Williams, **S**
Koellensteinia carraoënsis Garay & Dunst., **M, S**
Koellensteinia eburnea (Barb. Rodr.) Schltr., **K**
Koellensteinia graminea (Lindl.) Rchb.f., **M, S**
Koellensteinia tricolor (Lindl.) Rchb.f., **K**
Lepanthes helicocephala Rchb.f., **M, S**
Ligeophila peterana (Cogn.) Garay, **S**
Ligeophila sp., **K**
Lockhartia biserra (Rich.) Christenson & Garay, comb.
 nov. ined., **S**
Lockhartia imbricata (Lam.) Hoehne, **I, M, S**
Lycaste macrophylla (Poepp. & Endl.) Lindl., **S**
Macroclinium mirabile (C. Schweinf.) Dodson, **M**
Macroclinium wullschlaegelianum (Focke) Dodson, **M**
Malaxis maguirei C. Schweinf., **S**
Masdevallia cuprea Lindl., **S**
Masdevallia minuta Lindl., **I, M, S**
Masdevallia norae Luer, **S**
Masdevallia sp., **D**
Maxillaria acutifolia Lindl., **S**
Maxillaria alba (Hook.) Lindl., **M, S**
Maxillaria amazonica Schltr., **D**
Maxillaria bolivarensis C. Schweinf., **K**
Maxillaria brachybulbon Schltr., **I, K, S**
Maxillaria brunnea Linden & Rchb.f., **K**
Maxillaria caespitifica Rchb.f., **K, M, S**
Maxillaria camaridii Rchb.f., **I, K, M, S, D**
Maxillaria crassifolia (Lindl.) Rchb.f., **I, S, D**
Maxillaria desvauxiana Rchb.f., **M, S, D**
Maxillaria discolor (G. Lodd. ex Lindl.) Rchb.f., **I, M,**
S, D
Maxillaria huebneri Schltr., **D**
Maxillaria imbricata Barb. Rodr., **M**
Maxillaria mapiriensis (Kraenzl.) L.O. Williams, **K**
Maxillaria melina Lindl., **K**
Maxillaria parkeri Hook., **I, M, D**
Maxillaria parviflora (Poepp. & Endl.) Garay, **I, K, S**
Maxillaria pauciflora Barb. Rodr., **D**

- Maxillaria pendens* Pabst, **D**
Maxillaria ponerantha Rchb.f., **M, S**
Maxillaria porrecta Lindl., **S**
Maxillaria pterocarpa Barb. Rodr., **K**
Maxillaria ramosa Ruiz & Pav., **K**
Maxillaria rufescens Lindl., **M, S**
Maxillaria splendens Poepp. & Endl., **M, S**
Maxillaria stenophylla Rchb.f., **S**
Maxillaria superflua Rchb.f., **M, S**
Maxillaria tenuis C. Schweinf., **D**
Maxillaria trinitatis Ames, **K, M**
Maxillaria uncatata Lindl., **I, K, M, S, D**
Maxillaria venezuelana (C. Schweinf.) Carnevali, **I**
Maxillaria villosa (Barb. Rodr.) Cogn., **K, S, D**
Maxillaria violaceopunctata Rchb.f., **K, M, S**
Maxillaria xylobiiflora Schltr., **D**
Mormodes buccinator Lindl., **S**
Myoxanthus simplicicaulis (C. Schweinf.) Luer, **K**
Myoxanthus trachyclamys (Schltr.) Luer, **K**
Notylia peruviana (Schltr.) C. Schweinf., **S**
Notylia sagittifera (Kunth) Link, Klotzsch, & Otto, **M**
Notylia sp., **D**
Octomeria amazonica Pabst, **D**
Octomeria brevifolia Cogn., **M, S, D**
Octomeria deltoglossa Garay, **M**
Octomeria erosilabia C. Schweinf., **K, D**
Octomeria exigua C. Schweinf., **K**
Octomeria integrilabia C. Schweinf., **K**
Octomeria minor C. Schweinf., **K, M, S**
Octomeria sarthouae Luer, **S**
Octomeria surinamensis Focke, **M, S**
Octomeria taracuana Schltr., **D**
Octomeria sp., **I**
Oncidium lanceanum Lindl., **M**
Oncidium orthostates Ridl., **M**
Oncidium sp., **S**
Orleansia amazonica Barb. Rodr., **I, M**
Orleansia sp., **D**
Ornithocephalus avicula Rchb.f. & Wullschl., **D**
Ornithocephalus bicornis Lindl., **M**
Ornithocephalus kruegeri Rchb.f., **S**
Ornithocephalus sp., **K, D**
Otostylis venusta (Ridl.) Schltr., **K**
Palmorchis pabstii Veyret, **S**
Palmorchis prospectorum Veyret, **S**
Palmorchis pubescens Barb. Rodr., **M**
Palmorchis sobralioides Barb. Rodr., **D**
Palmorchis sp., **K**
Palmorchis sp., **I**
Paphinia grandiflora Barb. Rodr., **D**
Paphinia sp., **I**
Pelexia callifera (C. Schweinf.) Garay, **S**
Phragmipedium lindleyanum (R.H. Schomb. ex Lindl.) Rolfe, **K, S**
Platystele ovalifolia (H. Focke) Garay & Dunst., **M, S, D**
Plectrophora caltrifolia (Barb. Rodr.) Cogn., **S**
Plectrophora iridifolia H. Focke, **M**
Pleurothallis archidiaconi Ames, **S**
Pleurothallis aristata Hook., **M, S**
Pleurothallis barbulata Lindl., **M, S**
Pleurothallis biglandulosa Schltr., **M**
Pleurothallis brevipes H. Focke, **M, S**
Pleurothallis breviscapa C. Schweinf., **M**
Pleurothallis ciliolata Schltr., **M, S**
Pleurothallis consimilis Ames, **S**
Pleurothallis determannii Luer, **M**
Pleurothallis discoidea Lindl., **S**
Pleurothallis ephemera Lindl., **M**
Pleurothallis erythrogramma Luer & Carnevali, **D**
Pleurothallis glandulosa Ames, **M, S**
Pleurothallis grobyi Bateman ex Lindl., **K**
Pleurothallis lanceana Lodd., **I, S**
Pleurothallis mentosa Cogn., **D**
Pleurothallis minima C. Schweinf., **M**
Pleurothallis miqueliana (H. Focke) Lindl., **M**
Pleurothallis monophylla (Hook.) Fawc. & Rendle, **M**
Pleurothallis nanifolia Foldats, **S**
Pleurothallis peperomioides Ames, **D**
Pleurothallis picta Lindl., **K, M, S, D**
Pleurothallis pluriflora (Barb. Rodr.) Cogn., **D**
Pleurothallis polygonoides Griseb., **M, S**
Pleurothallis pruinosa Lindl., **M, S**
Pleurothallis pubescens Lindl., **S**
Pleurothallis ruscifolia (Jacq.) R. Br., **S**
Pleurothallis sclerophylla Lindl., **K, S**
Pleurothallis semperlorens Lindl., **M, S**
Pleurothallis seriata Lindl., **M, S**
Pleurothallis spiculifera Lindl., **M, S, D**
Pleurothallis stenocardium Schltr., **K**
Pleurothallis suspensa Luer, **K, S**
Pleurothallis uniflora Lindl., **S**
Polycycnis surinamensis C. Schweinf., **K**
Polycycnis vittata (Lindl.) Rchb.f., **D**
Polystachya concreta (Jacq.) Garay & H.R. Sweet, **S**
Polystachya foliosa (Hook.) Rchb.f., **M, S**
Polystachya stenophylla Schltr., **I, K, M, S, D**
Psychopsis papilio (Lindl.) H.G. Jones, **S**
Psygmorchis glossomystax (Rchb.f.) Dodson & Dressler, **S**
Psygmorchis pusilla (L.) Dodson & Dressler, **K**
Psygmorchis sp., **D**
Quekettia microscopica Lindl., **I, M, S**
Quekettia vermeuleniana Determann, **M**
Reichenbachanthus reflexus (Lindl.) Brade, **I, K, M, S**
Rodriguezia candida (Lindl.) Christenson, **M**
Rodriguezia lanceolata Ruiz & Pav., **I, K, M, S, D**
Rudolfiella aurantiaca (Lindl.) Hoehne, **I, M, D**
Sarcoglottis acaulis (Sm.) Schltr., **K, S**
Sarcoglottis metallica (Rolfe) Schltr., **K**
Scaphyglottis amazonica Schltr., **D**
Scaphyglottis fusiformis (Griseb.) Schult., **K, S**
Scaphyglottis graminifolia (Ruiz & Pav.) Poepp. & Endl., **K**
Scaphyglottis grandiflora Ames & C. Schweinf., **K**
Scaphyglottis modesta (Rchb.f.) Schltr., **K, M, S**
Scaphyglottis ochroleuca Schltr., **D**
Scaphyglottis prolifera Cogn., **K, M, S**
Scaphyglottis sickii Pabst, **I, K, M, D**
Scaphyglottis stellata Lodd. ex Lindl., **K, M, S**
Scaphyglottis violacea Lindl., **K, M**
Schomburgkia marginata Lindl., **S**
Schomburgkia sp., **I**
Scuticaria steelii Lindl., **S**

- Selenipedium palmifolium* (Lindl.) Rchb.f., **M, S**
Stevekingia jenmanii Rchb.f., **K**
Sigmatostalix amazonica Schltr., **D**
Sobralia fragrans Lindl., **S, D**
Sobralia liliastrum Lindl., **K**
Sobralia macrophylla Rchb.f., **D**
Sobralia oliva-estevae Carnevali & I. Ramírez, **K**
Sobralia sessilis Lindl., **S**
Sobralia suaveolens Rchb.f., **S**
Sobralia valida Rolfe, **K**
Sobralia yauaperyensis Barb. Rodr., **S**
Stanhopea grandiflora (Lodd.) Lindl., **S**
Stelis argentata Lindl., **K, M, S**
Stelis endresii Rchb.f., **D**
Stelis guianensis Rolfe, **S**
Stelis intermedia Poepp. & Endl., **K**
Stelis latisejala C. Schweinf., **K**
Stelis santiagoensis Mansf., **S**
Stelis sp., **I**
Trichosalpinx ciliaris (Lindl.) Luer, **S**
Trichosalpinx eglerti (Pabst) Luer, **K, S**
Trichosalpinx memor (Rchb.f.) Luer, **M**
Trichosalpinx orbicularis (Lindl.) Luer, **K, M, S, D**
Trigonidium acuminatum Bateman, **K, M, S, D**
Trigonidium obtusum Lindl., **I, K, M, D**
Triphora amazonica Schltr., **D**
Triphora surinamensis (Lindl. ex Benth.) Britton, **S**
Trisetella triglochis (Rchb.f.) Luer, **S**
Trisetella sp., **D**
Uleiorchis ulei (Cogn.) Handro, **S, D**
Vanilla bicolor Lindl., **K**
Vanilla cristato-callosa Hoehne, **M**
Vanilla grandiflora Lindl., **K, S**
Vanilla mexicana Mill., **S**
Vanilla palmarum Lindl., **D**
Vanilla planifolia Jacks. ex Andrews, **S**
Vanilla sp., **I**
Wulfschlaegelia calcarata Benth., **I, K, M, S, D**
Xerorchis trichorhiza (Kraenzl.) Garay, **I**
Xerorchis sp., **M**
Xylobium variegatum (Ruiz & Pav.) Garay & Dunst., **S**
- Oxalidaceae**
- Oxalis barrelieri* L., **S, D**
Oxalis cytisoides C. Mart. ex Zucc., **D**
Oxalis frutescens L., **I, M**
- Passifloraceae**
- Dilkea johannesii* Barb. Rodr., **S, D**
Dilkea retusa Mast., **D**
Dilkea wallisii Mast., **M**
Passiflora acuminata DC., **D**
Passiflora amoena L.K. Escobar, **I, S**
Passiflora auriculata Kunth, **I, K, M, D**
Passiflora candida (Poepp. & Endl.) Mast., **S, D**
Passiflora capparidifolia Killip, **I**
Passiflora cirrhiflora Juss., **I, M**
Passiflora coccinea Aubl., **I, M, S, D**
Passiflora edulis Sims, **D**
Passiflora exura Feuillet, **S**
Passiflora faroana Harms, **D**
Passiflora foetida L., **K, S**
Passiflora fuchsiflora Hemsl., **I, M, S**
Passiflora garckeii Mast., **K, M, S**
Passiflora glandulosa Cav., **I, K, M, S**
Passiflora hexagonocarpa Barb. Rodr., **D**
Passiflora laurifolia L., **I, M, D**
Passiflora maguirei Killip, **K**
Passiflora misera Kunth, **M**
Passiflora nitida Kunth, **K, D**
Passiflora riparia aff. Mart. ex Mast., **D**
Passiflora rubra L., **S**
Passiflora variolata Poepp. & Endl., **S, D**
Passiflora vespertilio L., **I, K, M, S**
Passiflora sp. nov., **I**
- Peridiscaceae**
- Peridiscus lucidus* Benth., **D**
- Phytolaccaceae**
- Microtea debilis* Sw., **S**
Petiveria alliacea L., **S**
Phytolacca rivinoides Kunth & Bouché, **I, K, M, S**
Phytolacca sp., **D**
- Piperaceae**
- Peperomia elongata* Kunth, **K, S**
Peperomia emarginella (Sw. ex Wikstr.) C. DC., **S**
Peperomia glabella (Sw.) A. Dietr., **M, S**
Peperomia gracieana Görts, **S**
Peperomia macrostachya (Vahl) A. Dietr., **I, K, M, S, D**
Peperomia magnoliifolia (Jacq.) A. Dietr., **K**
Peperomia maguirei Yunck., **M, S**
Peperomia obtusifolia (L.) A. Dietr., **I, K, M, S**
Peperomia oubianae C. DC., **I, M, S**
Peperomia pellucida (L.) Kunth, **K, M, S**
Peperomia pernambucensis Miq., **S**
Peperomia quadrangularis (J.V. Thoms.) A. Dietr., **I, M**
Peperomia rotundifolia (L.) Kunth, **K, M, S**
Peperomia serpens (Sw.) Loudon, **I, M, S**
Piper adenandrum (Miq.) C. DC., **S**
Piper aduncum L., **K, D**
Piper aequale Vahl, **I, S**
Piper alatabaccum Trel. & Yunck., **S, D**
Piper amalaqo L., **S**
Piper amapense Yunck., **K, D**
Piper amplexicaule Trel. & Yunck., **S**
Piper angustifolium Lam., **S**
Piper anonifolium (Kunth) C. DC., **I, S**
Piper arboreum Aubl., **I, K, M, S, D**
Piper augustum Rudge, **S**
Piper avellanum (Miq.) C. DC., **I, S**
Piper baccans (Miq.) C. DC., **D**
Piper bartlingianum (Miq.) C. DC., **I, M, S, D**
Piper berbicense Miq., **I, K**
Piper brachypetiolum Yunck., **D**
Piper brownsbergense Yunck., **S**
Piper carniconnectivum C. DC., **D**
Piper cernuum Vell., **S**
Piper consanguineum (Kunth) Trel. & Yunck., **S**
Piper crassinervium Kunth, **S**
Piper cyrtopodon (Miq.) C. DC., **S, D**
Piper dactylostigmum Yunck., **D**
Piper demeraranum (Miq.) C. DC., **I, M, S, D**

- Piper dilatatum* Rich., I, S
Piper divaricatum G. Mey., M, S
Piper duckei C. DC., D
Piper dumosum Rudge, S
Piper durilignum C. DC., D
Piper erectipilum Yunck., D
Piper eucalyptifolium Rudge, S
Piper froesii Yunck., D
Piper guianense (Klotzsch) C. DC., D
Piper gurupanium Yunck., D
Piper hispidum Sw., I, M, S, D
Piper hostmannianum (Miq.) C. DC., I, K, M, S, D
Piper humaytanum Yunck., D
Piper humillimum C. DC., D
Piper humistratum Görts & K.U. Kramer, S
Piper insipiens Trel. & Yunck., I
Piper kegelianum (Miq.) C. DC., D
Piper liesneri Steyerl., D
Piper mastersianum C. DC., D
Piper negroense C. DC., D
Piper nematanthera (Miq.) C. DC., S
Piper nigripicum C. DC., M, S
Piper obliquum Ruiz & Pav., I, S
Piper paraense (Miq.) C. DC., D
Piper paramaribense C. DC., S
Piper piscatorum Trel. & Yunck., S
Piper pleninervosum Trel., D
Piper purusanum Yunck., D
Piper renitens (Miq.) Yuncker, D
Piper reticulatum L., S
Piper tectoniifolium Kunth, S
Piper tortivenulosum Yunck., D
Piper trichoneuron (Miq.) C. DC., I, M, S
Pothomorphe peltata (L.) Miq., S
- Poaceae**
- Andropogon bicornis* L., K, M, S, D
Andropogon leucostachyus Kunth, K, M, D
Andropogon selloanus (Hack.) Hack., K, M
Arthrostyidium scandens McClure, K
Arundinella hispida (Humb. & Bonpl. ex Willd.) Kuntze, I
Axonopus capillaris (Lam.) Chase, K, M
Axonopus compressus (Sw.) P. Beauv., S
Axonopus fissifolius non (Raddi) Kuhlman. sensu Amshoff & Henrard, K
Axonopus flabelliformis Swallen, K
Axonopus longispicus (Döll) Kuhlman., I, K
Axonopus purpusii (Mez) Chase, K, S
Cenchrus brownii Roem. & Schult., M
Cenchrus echinatus L., M
Cryptachloa capillata (Trin.) Soderstr., S
Cynodon dactylon (L.) Pers., D
Digitaria horizontalis Willd., I, K, D
Digitaria lanuginosa (Nees) Henrard, M
Digitaria violascens Link, K
Eragrostis maypurensis (Kunth) Steud., K, M, S
Guadua latifolia (Bonpl.) Kunth, S
Guadua sp., I
Gymnopogon foliosus (Willd.) Nees, M
Gynerium sagittatum (Aubl.) P. Beauv., K, M
Homolepis aturensis (Kunth) Chase, S, D
Homolepis isocalycia (G. Mey.) Chase, K, M
Ichnanthus breviscrobs Döll, S
Ichnanthus calvescens (Nees) Döll, K
Ichnanthus dasycoleus Tutin, K
Ichnanthus leiocarpus (Spreng.) Kunth, I, S
Ichnanthus nemoralis (Schrad.) Hitchc. & Chase, I, K, M, S
Ichnanthus pallens (Sw.) Munro ex Benth., I, K, M, S
Ichnanthus panicoides P. Beauv., I, S, D
Ichnanthus tenuis (J. Presl) Hitchc. & Chase, I, K
Ischaemum guianense Kunth ex Hack., K
Ischaemum rugosum Salisb., K
Lasiacis ligulata Hitchc. & Chase, I, K, M, S
Lasiacis procerrima (Hack.) Hitchc., K
Lasiacis sorghoidea (Desv.) Hitchc. & Chase, S
Mesosetum loliforme (Hochst. ex Steud.) Chase, K
Olyra caudata Trin., S
Olyra ciliatifolia Raddi, I
Olyra ecaudata Doell, S
Olyra latifolia L., I, S, D
Olyra longifolia Kunth, I, K
Olyra micrantha Kunth, I, K, M, D
Olyra ramosissima Doell, D
Oplismenus hirtellus (L.) P. Beauv., S
Orthocladia laxa (Rich.) P. Beauv., I, M, S
Panicum chnoodes Trin., K
Panicum cyanescens Nees, I, K
Panicum granuliferum Kunth, K
Panicum hylaeicum Mez, I
Panicum laxum Sw., I, K, S, D
Panicum mertensii Roth, D
Panicum micranthum Kunth, I, K
Panicum parvifolium Lam., I, K
Panicum pilosum Sw., I, K, M, S, D
Panicum polycomum Trin., I, K
Panicum pycnocladus Tutin, K
Panicum rivale Swallen, I, K, S
Panicum rudgei Roem. & Schult., I, K
Panicum sciurotoides Zuloaga & Morrone, K, S
Panicum stoloniferum Poir., I, K, M, S
Pariana campestris Aubl., S, D
Pariana radiceiflora Sagot ex Doell, I, K, S, D
Parodiolyra lateralis (J. Presl ex Nees) Soderstr. & Zuloaga, K
Paspalum altsonii Chase, K
Paspalum arenarium Schrad., K
Paspalum bifidifolium Soderstr., K
Paspalum carinatum Humb. & Bonpl. ex Flügge, I
Paspalum conjugatum Bergius, I, K, S, D
Paspalum convexum Humb. & Bonpl. ex Flügge, I
Paspalum decumbens Sw., M
Paspalum melanospermum Desv. ex Poir., I, K, M
Paspalum paniculatum L., S
Paspalum petilum Chase, K
Paspalum pilosum Lam., I
Paspalum plicatulum Michx., I
Paspalum virgatum L., I, S
Pharus lappulaceus Aubl., S
Pharus latifolius L., S
Pharus parvifolius Nash, S
Pharus virescens Doell, S
Piretia goeldii Swallen, S

- Piresia macrophylla* Soderstr., **S**
Raddiella esenbeckii (Steud.) C.E. Calderón & Soderstr.,
I, K
Raddiella kaieteurana Soderstr., **K**
Raddiella potaroensis Soderstr., **K**
Sporobolus jacquemontii Kunth, **K, S, D**
Streptogyne americana C.E. Hubb., **S**
Thrasya achlyosiphila Soderstr., **K**
Thrasya scandens (Tutin) Soderstr. ex A.G. Burm., **I, K**
Tripsacum andersonii J.R. Gray, **S**
- Podostemaceae**
Apinagia kochii (Engl.) P. Royen, **S**
Apinagia richardiana (Tul.) P. Royen, **S**
Jenmaniella ceratophylla Engl., **K**
Jenmaniella isoetifolia P. Royen, **K**
Marathrum sp., **I, K**
Mourera fluviatilis Aubl., **I**
Rhyncholacis apiculata P. Royen, **K**
Rhyncholacis jenmanii Engl., **K**
- Polygalaceae**
Barnhartia floribunda Gleason, **S**
Bredemeyera densiflora A.W. Benn., **K, M**
Bredemeyera myrtifolia Spruce ex. A.W. Benn., **D**
Moutabea guianensis Aubl., **I, M, S, D**
Polygala adenophora DC., **I, K**
Polygala appressa Benth., **K**
Polygala spectabilis DC., **S, D**
Polygala subtilis Kunth, **I**
Polygala timoutou Aubl., **I**
Securidaca diversifolia (L.) S.F. Blake, **M**
Securidaca longifolia Poepp., **K, D**
Securidaca marginata Benth., **I**
Securidaca paniculata Rich., **I, M**
Securidaca pubescens DC., **S**
Securidaca pyramidalis Sprague ex Sandwith, **K**
Securidaca retusa Benth., **K**
Securidaca rivinaefolia A. St.-Hil., **D**
Securidaca spinifex Sandwith, **M, S**
Securidaca uniflora Oort, **K, S, D**
Securidaca volubilis L., **S, D**
- Polygonaceae**
Coccoloba ascendens Duss ex Lindau, **I, S**
Coccoloba confusa Howard, **D**
Coccoloba densifrons Mart. ex Meisn., **I**
Coccoloba excelsa Benth., **S**
Coccoloba gymnorrhachis Sandwith, **I, M**
Coccoloba lucidula Benth., **M**
Coccoloba marginata Benth., **K, M**
Coccoloba ovata Benth., **I**
Coccoloba padiformis Meisn., **I**
Coccoloba parimensis Benth., **M, D**
Coccoloba striata Benth., **M**
Polygonum acuminatum Kunth, **I**
Symmeria paniculata Benth., **I, M**
- Polypodiaceae**
Campyloneurum fuscusquamatum Lellinger, **S**
Campyloneurum phyllitidis (L.) C. Presl, **I, S**
Campyloneurum repens (Aubl.) C. Presl, **I, S, D**
Campyloneurum sphenodes (Kunze) Fée, **S**
Dicranoglossum desvauxii (Klotzsch) Proctor, **I, M, S, D**
- Dicranoglossum furcatum* (L.) J. Sm., **S**
Microgramma baldwinii Brade, **D**
Microgramma fuscopunctata (Hook.) Vareschi, **I, K, S**
Microgramma lorentensis? (Maxon), **D**
Microgramma lycopodioides (L.) Copel., **I, K, M, S**
Microgramma persicariifolia (Schrad.) C. Presl, **I, S**
Microgramma reptans (Cav.) A.R. Sm., **I, K, M, S**
Microgramma tecta (Kaulf.) Alston, **I, S**
Microgramma thurnii (Baker) R.M. Tryon & Stolze, **I, S, D**
Micropolypodium nanum (Fée) A.R. Sm., **D**
Niphidium crassifolium (L.) Lellinger, **I, K, S, D**
Pecluma consimilis (Mett.) M.G. Price, **I**
Pecluma pectinata (L.) M.G. Price, **S**
Pecluma plumula (Humb. & Bonpl. ex Willd.) M.G. Price, **I, S**
Phlebodium aureum (L.) J. Sm., **K**
Phlebodium decumanum (Willd.) J. Sm., **S**
Phlebodium pseudoaureum (Cav.) Lellinger, **K**
Pleopeltis percussa (Cav.) Hook. & Grev., **I, M, S**
Polypodium adnatum Kunze ex Klotzsch, **S**
Polypodium caceresii Sodiro, **K, S**
Polypodium dulce Poir., **I, S**
Polypodium lasiopus Klotzsch, **S**
Polypodium loriceum L., **K**
Polypodium panorense C. Chr., **K**
Polypodium polypodioides (L.) Watt, **I, S**
Polypodium triseriale Sw., **K, M, S, D**
- Pontederiaceae**
Eichhornia diversifolia (Vahl) Urb., **I, K**
- Portulacaceae**
Talinum fruticosum (L.) A. Juss., **M**
- Proteaceae**
Euplassa pinnata (Lam.) Johnst., **S**
Panopsis rubescens (Pohl) Pittier, **S**
Panopsis sessilifolia (Rich.) Sandwith, **K, M, D**
Roupala montana Aubl., **K, S**
Roupala schomburgkii Klotzsch, **I**
- Pteridaceae**
Polytaenium guayanense (Hieron.) Alston, **D**
Pteris altissima Poir., **S**
Pteris deflexa Link, **S**
Pteris podophylla Sw., **D**
Pteris pungens Willd., **I, S**
- Quiinaceae**
Lacunaria crenata (Tul.) A.C. Sm., **I, S, D**
Lacunaria jenmanii (Oliv.) Ducke, **S, D**
Lacunaria macrostachya (Tul.) A.C. Sm., **D**
Quiina amazonica A.C. Sm., **D**
Quiina guianensis Aubl., **I, M, S**
Quiina indigofera Sandwith, **M**
Quiina negrensis A.C. Sm., **D**
Quiina obovata Tul., **I, M, S, D**
Quiina oiapocensis Pires, **K, S**
Quiina pteridophylla (Radlk.) Pires, **D**
Quiina rhytidopus Tul., **I**
Quiina sessilis Choisy, **S**
Touroulia guianensis Aubl., **M, S, D**
- Rafflesiaceae**
Apodanthes caseariae Poit., **S**
Apodanthes sp., **D**

Rapateaceae

Potaroiphytum riparium Sandwith, **K**
Rapatea fanshawei Maguire, **K**
Rapatea paludosa Aubl., **I, K, M, D**
Rapatea saulensis B.M. Boom, **S**
Rapatea ulei Pilg., **D**
Rapatea xiphioides Sandwith, **K**
Saxofridericia regalis R.H. Schomb., **K**
Saxofridericia subcordata Korn., **D**
Spathanthus unilateralis (Rudge) Desv., **I, K, S, D**
Stegolepis angustata Gleason, **K**
Stegolepis ferruginea Baker, **K**
Windsorina guianensis Gleason, **K**

Rhabdodendraceae

Rhabdodendron amazonicum (Spruce ex Benth.) Huber,
I, M, S, D
Rhabdodendron macrophyllum (Spruce ex Benth.) Huber,
D

Rhamnaceae

Ampelozizyphus amazonicus Ducke, **D**
Gouania blanchetiana Miq., **I, M, S**
Gouania polygama (Jacq.) Urb., **I**
Gouania velutina Reissek, **I**
Ziziphus cinnamomum Triana & Planch., **S**

Rhizophoraceae

Cassipourea elliptica (Sw.) Poir., **S**
Cassipourea guianensis Aubl., **I, K, M, S, D**
Cassipourea lasiocalyx Alston, **I, M**
Sterigmataleum obovatum Kuhlm., **D**

Rosaceae

Prunus myrtifolia (L.) Urb., **M, S, D**

Rubiaceae

Alibertia edulis (Rich.) A. Rich. ex DC., **D**
Alibertia hispida Ducke, **D**
Alibertia myrciifolia K. Schum., **I, S, D**
Alibertia surinamensis (Bremek.) Steyererm., **S**
Alseis longifolia Ducke, **S**
Amaioua brevidentata Steyererm., **I**
Amaioua corymbosa Kunth, **D**
Amaioua guianensis Aubl., **I, M, S, D**
Bertia guianensis Aubl., **S**
Borojoa claviflora (K. Schum.) Cuatr., **D**
Borreria alata (Aubl.) DC., **S**
Borreria capitata (Ruiz & Pav.) DC., **I, M**
Borreria latifolia (Aubl.) K. Schum., **I, K, S**
Borreria prostrata (Aubl.) Miq., **I**
Borreria verticillata (L.) G. Mey., **I, K, S, D**
Bothriospora corymbosa (Benth.) Hook.f., **S**
Botryarrhena pendula Ducke, **D**
Capirona decorticans Spruce, **S, D**
Chalepophyllum guianense Hook.f., **K**
Chimarrhis barbata (Ducke) Bremek., **D**
Chimarrhis duckeana Delprete, **D**
Chimarrhis microcarpa Standl., **I, S**
Chimarrhis turbinata DC., **S**
Chiococca alba (L.) Hitchc., **S**
Chiococca nitida Benth., **S**
Chomelia estrellana Müll. Arg., **D**
Chomelia malaneoides Müll. Arg., **D**
Chomelia monachinoi Steyererm., **I**
Chomelia tenuiflora Benth., **I, S, D**
Coccocypselum aureum (Spreng.) Cham. & Schltdl., **K**
Coccocypselum guianense (Aubl.) K. Schum., **I, K, M, S**
Coccocypselum herbaceum P. Browne, **I**
Coccocypselum hirsutum Bartl. ex DC., **K, M**
Coccocypselum tontanea Kunth, **I**
Cosmibuena grandiflora (Ruiz & Pav.) Rusby, **K, M, D**
Cosmibuena triflora (Benth.) Klotzsch, **D**
Coussarea amapaensis Steyererm., **S**
Coussarea ampla Müll. Arg., **D**
Coussarea fanshawei Steyererm., **K**
Coussarea grandis Müll. Arg., **D**
Coussarea granvillei Delprete & B. Boom, **S**
Coussarea machadoana Standl., **S**
Coussarea paniculata (Vahl) Standl., **I, K, S**
Coussarea racemosa A. Rich., **S**
Coussarea revoluta Steyererm., **D**
Coussarea violacea Aubl., **S**
Coutarea hexandra (Jacq.) K. Schum., **S**
Didymochlamys connellii N.E. Br., **K**
Diodia hyssopifolia (Willd. ex Roem. & Schult.) Cham.
& Schltdl., **I**
Diodia ocyimifolia (Willd. ex Roem. & Schult.) Bremek.,
I, K, M, S
Diodia spicata Miq., **S**
Duroia amapana Steyererm., **M**
Duroia aquatica (Aubl.) Bremek., **S**
Duroia eriopila L.f., **I, K, M, S**
Duroia fusifera (Spruce ex Benth. & Hook. f.) Hook. f.
ex K. Schum., **I**
Duroia genipoides (Spruce) Hook. f. ex K. Schum., **I**
Duroia gransabanensis Steyererm., **D**
Duroia longiflora Ducke, **S, D**
Duroia macrophylla Huber, **D**
Duroia micrantha (Ladbr.) Zarucchi & J.H. Kirkbr., **I**
Duroia saccifera (Mart.) Hook.f. ex K. Schum., **D**
Faramea capillipes Müll. Arg., **D**
Faramea corymbosa Aubl., **S, D**
Faramea egregia Sandwith, **K**
Faramea guianensis (Aubl.) Bremek., **S**
Faramea lourteigiana Steyererm., **S**
Faramea multiflora A. Rich. ex DC., **S**
Faramea occidentalis (L.) A. Rich., **I, M**
Faramea platyneura Müll. Arg., **D**
Faramea quadricostata Bremek., **I, K, M, S**
Faramea sessilifolia (Kunth) DC., **I, M**
Faramea spathacea Müll. Arg. ex Standl., **K**
Faramea tinguana Müll. Arg., **S**
Faramea torquata Müll. Arg., **D**
Ferdinandusa elliptica Pohl, **D**
Ferdinandusa goudotiana K. Schum., **M**
Ferdinandusa gainiae Spruce ex K. Schum., **K**
Ferdinandusa hirsuta Standl., **D**
Ferdinandusa paraensis Ducke, **S**
Ferdinandusa uaupensis Spruce ex K. Schum., **I**
Genipa americana L., **I, K, M**
Genipa spruceana Steyererm., **I, K, S**
Geophila cordifolia Miq., **K, M, S, D**
Geophila repens (L.) I.M. Johnst., **I, K, S, D**
Geophila tenuis (Müll. Arg.) Standl., **S**
Gonzalagunia dicocca Cham. & Schltdl., **I, M, S**

- Guettarda acreana* K. Krause, I, S
Guettarda argentea Lam., I
Guettarda spruceana Müll. Arg., I, S
Hamelia axillaris Sw., S
Henriquezia verticillata Spruce ex Benth., D
Hillia illustris (Vell.) K. Schum., I, M, S
Hillia parasitica Jacq., K, S
Hillia ulei K. Krause, D
Isertia coccinea (Aubl.) J.F. Gmel., S
Isertia hypoleuca Benth., I, K, M, D
Isertia parviflora Vahl, I
Isertia rosea Spruce ex K. Schum., D
Isertia spiciformis DC., S
Ixora alumicola Steyer., M, S
Ixora davisii Sandwich, M
Ixora ferrea (Jacq.) Benth., I
Ixora floribunda (A. Rich.) Griseb., M
Ixora graciliflora Benth., I, M, S
Ixora intensa K. Krause, D
Ixora intropilosa Steyer., M
Ixora panurensis Müll. Arg., I, D
Ixora piresii Steyer., S
Ixora pubescens Willd. ex Schult. & Schult. f., S
Ixora schomburgkiana Benth., K
Ixora ulei K. Krause, K
Kotchubaea insignis Fisch. ex DC., D
Kotchubaea semisericea Ducke, D
Kotchubaea sericantha Standl., D
Ladenbergia amazonensis Ducke, D
Malanea hypoleuca Steyer., K, M, D
Malanea macrophylla Bartl. ex Griseb., I, K, M, S, D
Malanea obovata Hochr., K
Malanea sarmentosa Aubl., M
Manettia alba (Aubl.) Wernham, K, S
Manettia coccinea (Aubl.) Willd., S
Manettia reclinata L., S
Mitracarpus hirtus (L.) DC., I
Morinda brachycalyx (Bremek.) Steyer., M, S
Morinda calycina (Benth.) Steyer., I
Morinda debilis (Sandwich) Steyer., M
Morinda tenuiflora (Benth.) Steyer., I, M
Morinda triphylla (Ducke) Steyer., D
Oldenlandia corymbosa L., M
Oldenlandia lancifolia (Schumach.) DC., S
Pagamea capitata Benth., I, K, M
Pagamea guianensis Aubl., K, M
Pagamea macrophylla Spruce ex Benth., D
Pagamea thysiflora Spruce ex Benth., K
Palicourea amapaensis Steyer., D
Palicourea anisoloba (Müll. Arg.) B.M. Boom & M.T. Campos, D
Palicourea brachyloba (Müll. Arg.) B. Boom, S
Palicourea calophylla DC., S
Palicourea crocea (Sw.) Roem. & Schult., K, M, S
Palicourea croceoides Ham., I, K, M, S
Palicourea guianensis Aubl., I, K, M, S, D
Palicourea longiflora (Aubl.) A. Rich., S, D
Palicourea longistipulata (Müll. Arg.) Standl., S, D
Palicourea nitidella (Müll. Arg.) Standl., D
Palicourea quadrifolia (Rudge) DC., S
Palicourea triphylla DC., I, K
Palicourea virens (Poepp. & Endl.) Standl., D
Patima guianensis Aubl., S
Perama dichotoma Poepp. & Endl., K
Perama galioides (Kunth) Poir., I, K
Perama hirsuta Aubl., I, K
Posoqueria coriacea M. Martens & Galeotti, K
Posoqueria latifolia (Rudge) Roem. & Schult., K, M, S
Posoqueria longiflora Aubl., I, K
Posoqueria panamensis (Walp. & Duchass.) Walp., I, K
Psychotria acuminata Benth., K, S
Psychotria alloantha Steyer., S
Psychotria anceps Kunth, K, M
Psychotria aneurophylla (Standl.) Steyer., K
Psychotria apoda Steyer., I, M, S, D
Psychotria appuniana Steyer., K
Psychotria astrellantha Wernham, I, M, S, D
Psychotria bahiensis DC., I, M, S, D
Psychotria barbiflora DC., I, K
Psychotria blepharophylla (Standl.) Steyer., S
Psychotria borjensis Kunth, S
Psychotria bostrychothyrus Sandwich, K
Psychotria brachybotrya Müll. Arg., I, S
Psychotria bracteocardia (DC.) Müll. Arg., I, K
Psychotria bremekampiana Steyer., S
Psychotria callithrix (Miq.) Steyer., S
Psychotria capitata Ruiz & Pav., I, K, M, S
Psychotria carthagenensis Jacq., K, S
Psychotria chlorantha Benth., K
Psychotria cincta Standl., D
Psychotria colorata (Willd. ex Roem. & Schult.) Müll. Arg., S
Psychotria crococlhamys Sandwich, K
Psychotria cupularis (Müll. Arg.) Standl., I, S
Psychotria deflexa DC., M, S
Psychotria deinocalyx Sandwich, D
Psychotria erecta (Aubl.) Standl. & Steyer., S, D
Psychotria fanshawei (Standl.) Steyer., K
Psychotria gracilentia Müll. Arg., D
Psychotria granvillei Steyer., S
Psychotria guadalupensis (DC.) R.A. Howard, K, S
Psychotria hemicephalis Wernham, K
Psychotria hoffmannseggiana (Willd. ex Roem. & Schult.) Müll. Arg., K, M
Psychotria horizontalis Sw., I
Psychotria humboldtiana (Cham.) Müll. Arg., D
Psychotria iodotricha Müll. Arg., K, S
Psychotria irwinii Steyer., M
Psychotria kaieteurensis Sandwich, K
Psychotria kappleri (Miq.) Müll. Arg. ex Benoist, S
Psychotria lateralis Steyer., S
Psychotria ligularis (Rudge) Steyer., S
Psychotria lupulina Benth., I, M
Psychotria macrophylla Ruiz & Pav., S
Psychotria manausensis Steyer., D
Psychotria mapurioides DC., I, K, M, S, D
Psychotria maturaensis Steyer., K
Psychotria mazaruniensis Standl., K
Psychotria medusula Müll. Arg., D
Psychotria microbotrys Ruiz ex Standl., I, S
Psychotria microbracteata Steyer., S
Psychotria microdon (DC.) Urb., I

- Psychotria moroidea* Steyer., S
Psychotria muscosa (Jacq.) Steyer., K
Psychotria oblonga (DC.) Steyer., S
Psychotria officinalis (Aubl.) Raeusch., I, M, S
Psychotria pacimonica Müll. Arg., D
Psychotria perferruginea Steyer., S
Psychotria platypoda DC., K, S, D
Psychotria podocephala (Müll. Arg.) Standl., D
Psychotria poeppigiana Müll. Arg., I, K, S, D
Psychotria polycephala Benth., I, D
Psychotria potaroensis (Sandwith) Steyer., K
Psychotria prancei Steyer., D
Psychotria psittacina Steyer., K
Psychotria puberulenta Steyer., M
Psychotria pullei Bremek., S
Psychotria pungens Steyer., S
Psychotria racemosa (Aubl.) Raeusch., I, S
Psychotria ramiflora Rusby, K
Psychotria rhombibractea C.M. Taylor & M.T. Campos ined., D
Psychotria rosea (Benth.) Müll. Arg., K, M
Psychotria saulensis Steyer., S
Psychotria sciaphila S.Moore, D
Psychotria sphaerocephala Müll. Arg., D
Psychotria subundulata Benth., K, D
Psychotria tapajozensis Standl., K
Psychotria transiens Wernham, K
Psychotria trichophoroides Müll. Arg., S
Psychotria uliginosa Sw., I, K, M, S
Psychotria ulviformis Steyer., S
Psychotria urceolata Steyer., S
Psychotria variegata Steyer., S
Psychotria viridibractea Steyer., S
Randia armata (Sw.) DC., I
Randia asperifolia (Sandwith) Sandwith, M, S
Randia calycina Cham., I
Randia nitida (Kunth) DC., S
Remijia amazonica K. Schum., D
Remijia ulei K. Krause, D
Remijia sp., I
Retiniphyllum schomburgkii (Benth.) Müll. Arg., I, K
Rudgea ayangannensis Steyer., K
Rudgea bremekampiana Steyer., S
Rudgea cornifolia (Humb. & Bonpl. ex Roem. & Schult.) Standl., I, M
Rudgea cornigera Bremek., M
Rudgea crassiloba (Benth.) B.L. Rob., I
Rudgea fissistipula Müll. Arg., I, D
Rudgea graciliflora Standl., D
Rudgea guyanensis (A. Rich.) Sandwith, S
Rudgea hostmanniana Benth., I, M
Rudgea lanceifolia Salisb., S
Rudgea sandemanni Sandwith, S
Rudgea standleyana Steyer., S
Rudgea stipulacea (DC.) Steyer., I, S
Sabicea amazonensis Wernham, D
Sabicea aspera Aubl., M, S
Sabicea glabrescens Benth., K, M
Sabicea oblongifolia (Miq.) Steyer., I
Sabicea surinamensis Bremek., M
Sabicea villosa Willd. ex Roem. & Schult., I, S
Schradera polycephala DC., D
Sipanea biflora (L.f.) Cham. & Schltdl., M
Sipanea cowanii Steyer., K
Sipanea pratensis Aubl., I, K, M, S, D
Sipanea wilson-brownii R.S. Cowan, I, S
Spermacece assurgens Ruiz & Pav., I
Spermacece capitata Ruiz & Pav., M, S, D
Spermacece exilis (L.O. Williams) C.D. Adams, D
Spermacece ocymoides Burm. f., S
Sphinctanthus maculatus Spruce ex K. Schum., S
Tocoyena longiflora Aubl., S, D
Uncaria guianensis (Aubl.) J.F. Gmel., I, M, S
Uncaria tomentosa (Willd. ex Roem. & Schult.) DC., S
Warszewiczia schwackei K. Schum., D
- Rutaceae**
- Adiscanthus fusciflorus* Ducke, D
Conchocarpus fanshawei (Sandwith) Kallunki & Pirani, I
Conchocarpus guyanensis (Pulle) Kallunki & Pirani, S
Conchocarpus toxicarius (Engl.) Kallunki & Pirani, M
Ertela trifolia (L.) Kuntze, I, D
Erythrochiton brasiliense Nees & Mart., S
Esenbeckia cowanii Kaastra, S
Hortia longifolia Benth. ex Engl., D
Hortia regia Sandwith, M
Hortia superba Ducke, D
Nycticalanthus speciosus Ducke, D
Raputia sp., D
Ticorea foetida Aubl., I, S
Ticorea pedicellata DC., M
Zanthoxylum apiculatum (Sandwith) P.G. Waterman, M
Zanthoxylum compactum (Huber ex Albuq.) P.G. Waterman, I
Zanthoxylum djalma-batistae (Albuq.) P.G. Waterman, D
Zanthoxylum ekmanii (Urb.) Alain, S
Zanthoxylum huberi P.G. Waterman, D
Zanthoxylum pentandrum (Aubl.) R.A. Howard, S
Zanthoxylum rhoifolium Lam., S, D
- Sabiaceae**
- Meliosma palustre* Kuhlm., D
- Salviniaceae**
- Salvinia auriculata* Aubl., I
- Sapindaceae**
- Allophylus angustatus* (Triana & Planch.) Radlk., S
Allophylus latifolius Huber, S, D
Allophylus leucoclados Radlk., S
Allophylus racemosus Sw., I
Allophylus robustus Radlk., S
Cupania hirsuta Radlk., I, K, M
Cupania hispida Radlk., D
Cupania rubiginosa (Poir.) Radlk., K, D
Cupania scrobiculata Rich., I, M, S, D
Matayba arborescens (Aubl.) Radlk., M, S, D
Matayba camptoneura Radlk., M
Matayba elegans Radlk., I
Matayba grandis Radlk., D
Matayba guianensis Aubl., D
Matayba inelegans Spruce ex Radlk., M, D
Matayba laevigata Radlk., M

Matayba macrolepis Radlk., I
Matayba macrostylis Radlk., M, D
Matayba oligandra Sandwith, K
Matayba opaca Radlk., M, D
Matayba peruviana Radlk., K, S, D
Matayba purgans (Poepp.) Radlk., I, S, D
Paullinia alata (Ruiz & Pav.) G. Don, S
Paullinia capreolata (Aubl.) Radlk., M, S, D
Paullinia castaneifolia Radlk., D
Paullinia clathrata Radlk., S, D
Paullinia cupana Kunth, D
Paullinia fibulata Rich. ex Juss., S
Paullinia grandifolia Benth. ex Radlk., M, D
Paullinia ingifolia Rich. ex Juss., I, M
Paullinia laeta Radlk., D
Paullinia latifolia Benth. ex Radlk., I, S
Paullinia leiocarpa Griseb., I
Paullinia lingulata Acev.-Rodr., S
Paullinia livescens Radlk., M
Paullinia pachycarpa Benth., I, M, S
Paullinia perlata Radlk., I
Paullinia pinnata L., M
Paullinia plagioptera Radlk., I, S
Paullinia rubiginosa Cambess., S
Paullinia rufescens Rich. ex Juss., I, M
Paullinia rugosa Benth. ex Radlk., M, D
Paullinia stellata Radlk., I, S
Paullinia stenopetalata Sagot, S
Paullinia stipularis Benth. ex Radlk., D
Paullinia tricornis Radlk., S
Paullinia uloptera Radlk., D
Paullinia vespertilio Sw., K
Paullinia xestophylla Radlk., D
Porocystis toulicioides Radlk., D
Pseudima frutescens (Aubl.) Radlk., I, S
Serjania caracasana (Jacq.) Willd., I
Serjania circumvallata Radlk., D
Serjania didymadenia Radlk., S
Serjania exarata Radlk., K
Serjania grandifolia Sagot ex Radlk., S
Serjania membranacea Splitg., D
Serjania oblongifolia Radlk., I, S
Serjania paniculata Kunth, I
Serjania paucidentata DC., I, M, S, D
Serjania pyramidata Radlk., S
Serjania setulosa Radlk., S
Talisia allenii Croat, D
Talisia carinata Radlk., I, S
Talisia cerasina (Benth.) Radlk., D
Talisia clathrata Radlk., S
Talisia cupularis Radlk., D
Talisia elephantipes Sandwith, M
Talisia eximia K.U. Kramer, D
Talisia firma Radlk., D
Talisia furfuracea Sandwith, M
Talisia guianensis Aubl., S, D
Talisia hemidasys Radlk., S
Talisia longifolia (Benth.) Radlk., S, D
Talisia macrophylla (Mart.) Radlk., S, D
Talisia megaphylla Sagot ex Radlk., I, S
Talisia micrantha Radlk., S

Talisia microphylla Uittien, M
Talisia mollis Kunth ex Cambess., I, S, D
Talisia pedicellaris Radlk., S
Talisia praealta Radlk., S, D
Talisia reticulata Radlk., S
Talisia simaboides K.U. Kramer, S
Talisia squarrosa Radlk., M
Talisia veraluciana Guarim, D
Thinouia myriantha Triana & Planch., S
Toulicia elliptica Radlk., M
Toulicia guianensis Aubl., I, M, D
Toulicia pulvinata Radlk., I, M, D
Urvillea ulmacea Kunth, I
Vouarana guianensis Aubl., S, D

Sapotaceae

Chromolucuma rubriflora Ducke, D
Chrysophyllum amazonicum T.D. Penn., D
Chrysophyllum argenteum Jacq., S, D
Chrysophyllum colombianum (Aubrév.) T.D. Penn., D
Chrysophyllum cuneifolium (Rudge) A. DC., S
Chrysophyllum lucentifolium Cronquist, M, S, D
Chrysophyllum manaosense (Aubrév.) T.D. Penn., D
Chrysophyllum pomiferum (Eyma) T.D. Penn., M, S, D
Chrysophyllum prieurii A. DC., S, D
Chrysophyllum sanguinolentum (Pierre) Baehni, M, S, D
Chrysophyllum sparsiflorum Klotzsch ex Miq., I, M, D
Chrysophyllum ucquirana-branca (Aubrév. & Pellegr.) T.D. Penn., D
Chrysophyllum venezuelanense (Pierre) T.D. Penn., S
Diploön cuspidatum (Hoehne) Cronquist, S
Ecclinusa guianensis Eyma, I, M, S, D
Ecclinusa lanceolata (Mart. & Eichler) Pierre, S, D
Ecclinusa psilophylla Sandwith, M
Ecclinusa ramiflora Mart., S
Elaeoluma glabrescens (Mart. & Eichler) Aubrév., D
Elaeoluma nuda (Baehni) Aubrév., D
Elaeoluma schomburgkiana (Miq.) Baill., K
Manilkara bidentata (A. DC.) A. Chev., I, K, M, S, D
Manilkara cavalcantii Pires & W.A. Rodrigues, D
Manilkara huberi (Ducke) A. Chev., S
Manilkara paraensis (Huber) Standl., S
Micropholis acutangula (Ducke) Eyma, S, D
Micropholis brochidodroma T.D. Penn., D
Micropholis casiquiarensis Aubrév., D
Micropholis cayennensis T.D. Penn., S
Micropholis cylindrocarpa (Poepp.) Pierre, D
Micropholis egensis (A. DC.) Pierre, D
Micropholis guyanensis (A. DC.) Pierre, S, D
Micropholis longipedicellata Aubrév., S
Micropholis melinoniana Pierre, K, S
Micropholis mensalis (Baehni) Aubrév., D
Micropholis obscura T.D. Penn., S
Micropholis porphyrocarpa (Baehni) Monach., S, D
Micropholis splendens Gilly ex Aubrév., D
Micropholis submarginalis Pires & T.D. Penn., S
Micropholis trunciflora Ducke, D
Micropholis venulosa (Mart. & Eichler) Pierre, I, K, M, S, D
Micropholis williamii Aubrév. & Pellegrin, D
Pouteria ambelaniifolia (Sandwith) T.D. Penn., M, S, D
Pouteria anomala (Pires) T.D. Penn., D

- Pouteria bilocularis* (H. Winkl.) Baehni, S, D
Pouteria caimito (Ruiz & Pav.) Radlk., I, M, S, D
Pouteria campanulata Baehni, D
Pouteria cayennensis (A. DC.) Eyma, S
Pouteria cladantha Sandwith, M, D
Pouteria congestifolia Pilz, D
Pouteria coriacea (Pierre) Pierre, M, S
Pouteria cuspidata (A. DC.) Baehni, I, K, M, S, D
Pouteria decorticans T.D. Penn., S
Pouteria deliciosa T.D. Penn., S
Pouteria durlandii (Standl.) Baehni, M
Pouteria egregia Sandwith, M, S
Pouteria elegans (A. DC.) Baehni, D
Pouteria engleri Eyma, M, S, D
Pouteria erythrochrysa T.D. Penn., D
Pouteria eugeniifolia (Pierre) Baehni, K, S, D
Pouteria favensis Pires & T.D. Penn., D
Pouteria filipes Eyma, M, S, D
Pouteria fimbriata Baehni, M, D
Pouteria flavilata T.D. Penn., D
Pouteria franciscana Baehni, D
Pouteria freitasii T.D. Penn., D
Pouteria gardneri (Mart. & Miq.) Baehni, D
Pouteria glomerata (Miq.) Radlk., D
Pouteria gongrijpii Eyma, S, D
Pouteria guianensis Aubl., K, M, S, D
Pouteria hispida Eyma, I, M, S, D
Pouteria jariensis Pires & T.D. Penn., S
Pouteria kaieteurensis T.D. Penn., K
Pouteria laevigata (Mart.) Radlk., S, D
Pouteria latianthera T.D. Penn., D
Pouteria macrophylla (Lam.) Eyma, D
Pouteria manaosensis (Aubrév. & Pellegr.) T.D. Penn., D
Pouteria maxima T.D. Penn., S, D
Pouteria melanopoda Eyma, S
Pouteria minima T.D. Penn., D
Pouteria multiflora (A. DC.) Eyma, D
Pouteria oblanceolata Pires, I, S, D
Pouteria opposita (Ducke) T.D. Penn., D
Pouteria peruviansis (Aubrév.) Bernardi, D
Pouteria petiolata T.D. Penn., D
Pouteria platyphylla (A.C. Sm.) Baehni, D
Pouteria putamen-ovi T.D. Penn., S
Pouteria reticulata (Engl.) Eyma, M, S, D
Pouteria retinervis T.D. Penn., S, D
Pouteria rigidopsis (Monach.) T.D. Penn., I
Pouteria rodriguesiana Pires & T.D. Penn., S
Pouteria rostrata (Huber) Baehni, D
Pouteria singularis T.D. Penn., S
Pouteria speciosa (Ducke) Baehni, I, M, S
Pouteria stipulifera T.D. Penn., D
Pouteria surumuensis Baehni, I, M, D
Pouteria tarumanensis Pires, D
Pouteria torta (Mart.) Radlk., I, M, S, D
Pouteria venosa (Mart.) Baehni, I, M, S, D
Pouteria vernicosa T.D. Penn., D
Pouteria virescens Baehni, S, D
Pouteria williamii (Aubrév. & Pellegr.) T.D. Penn., D
Pouteria sp. nov. aff. *simulans*, D
Pradosia beardii (Monach.) T.D. Penn., K
Pradosia cochlearia (Lecomte) T.D. Penn., D
Pradosia decipiens Ducke, D
Pradosia ptychandra (Eyma) T.D. Penn., I, M, S
Pradosia schomburgkiana (A. DC.) Cronquist, I, M, D
Pradosia surinamensis (Eyma) T.D. Penn., I, M
Pradosia verticillata Ducke, S, D
Sarcaulus brasiliensis (A. DC.) Eyma, S, D
- Schizaeaceae**
- Actinostachys pennula* (Sw.) Hook., K, M, D
Anemia sp., S
Schizaea elegans (Vahl) Sm., K, S, D
Schizaea fluminensis Miers ex J.W. Sturm, I, K, M, S, D
Schizaea incurvata Schkuhr, K, M, D
- Scrophulariaceae**
- Achetaria guianensis* Pennell, K
Angelonia sp., S
Bacopa aquatica Aubl., I, M
Benjaminia reflexa (Benth.) D'Arcy, I
Buchnera rosea Kunth, I
Capraria biflora L., S
Conohea aquatica Aubl., I, K
Lindernia crustacea (L.) F. Muell., M, S, D
Lindernia diffusa (L.) Wettst., M, S, D
Scoparia dulcis L., K, M, S, D
Stemodia pratensis (Aubl.) B. L. Turner, I
- Selaginellaceae**
- Selaginella amazonica* Spring, D
Selaginella arthritica Alston, S
Selaginella breynii Spring, D
Selaginella epirrhizos Spring, K, S
Selaginella falcata (P. Beauv.) Spring, S
Selaginella flagellata Spring, K, S
Selaginella mazaruniense Jenman, K
Selaginella novae-hollandiae (Sw.) Spring, S
Selaginella parkeri (Hook. & Grev.) Spring, I, M, S, D
Selaginella porelloides (Lam.) Spring, K, M
Selaginella potaroensis Jenman, K
Selaginella producta Baker, K, M
Selaginella radiata (Aubl.) Spring, S
Selaginella revoluta Baker, S
Selaginella rhodostachya Baker, K
Selaginella sandwithii Alston, K
Selaginella sobolifera A.R. Sm., K
Selaginella sulcata (Desv. ex Poir.) Spring ex Mart., S
Selaginella tuberculata Spruce ex Baker, K
Selaginella valdepilosa Baker, K
- Simaroubaceae**
- Picramnia guianensis* (Aubl.) Jans.-Jac., I, M
Picramnia juniniana J.F. Macbr., D
Picramnia latifolia Tul., I, S
Picramnia macrostachys Klotzsch ex Engl., S
Picramnia magnifolia J.F. Macbr., I
Picramnia sellowii Planch., S
Picrolemma sprucei Hook. f., D
Simaba arborea ined., D
Simaba cedron Planch., I, M, D
Simaba guianensis Aubl., I, M, S, D
Simaba monophylla (Oliv.) Cronquist, K
Simaba multiflora A. Juss., M
Simaba polyphylla (Cavalcante) W.W. Thomas, D
Simaba sp. nov., D
Simarouba amara Aubl., K, M, S, D

Smilacaceae

- Smilax cumanensis* Humb. & Bonpl. ex Willd., **M**
Smilax elastica Griseb., **D**
Smilax krukovii A.C. Sm., **I**
Smilax lasseriana Steyererm., **I, M**
Smilax latipes Gleason, **I, M**
Smilax poeppigii Kunth, **M**
Smilax pseudosiphilitica Kunth, **D**
Smilax riedeliana A. DC., **S**
Smilax santaremensis A. DC., **M**
Smilax saülensis J.D. Mitch., **S**
Smilax schomburgkiana Kunth, **I, K, M, S**
Smilax siphilitica Humb. & Bonpl. ex Willd., **I, K, M, S, D**

Solanaceae

- Brunfelsia guianensis* Benth., **S**
Brunfelsia martiana Plowman, **S, D**
Capsicum frutescens L., **I, S**
Cestrum megalophyllum Dunal, **I**
Cestrum racemosum Ruiz & Pav., **I**
Cyphomandra endopogon Bitter, **S**
Duckeodendron cestroides Kuhlman, **D**
Lycianthes pauciflora (Vahl) Bitter, **I, K, S**
Markea camponoti Ducke, **I, S**
Markea coccinea Rich., **M, S, D**
Markea longiflora Miers, **I**
Markea sessiliflora Ducke, **I, K, M, S**
Physalis angulata L., **S**
Physalis pubescens L., **K, S**
Schwenckia americana L., **D**
Schwenckia grandiflora Benth., **I**
Solanum adhaerens Roem. & Schult., **M**
Solanum americanum Mill., **S**
Solanum anceps Ruiz & Pav., **S**
Solanum asperum Rich., **I, S**
Solanum coriaceum Dunal, **I, M, S**
Solanum costatum M. Nee, sp. nov. ined., **S**
Solanum crinitum Lam., **I, M, D**
Solanum fulvidum Bitter, **D**
Solanum jamaicense Mill., **S**
Solanum leuocarpon Dunal, **I, M, S, D**
Solanum monachophyllum Dunal, **I**
Solanum morii S. Knapp, **S**
Solanum oppositifolium Ruiz & Pav., **S**
Solanum paludosum Moric., **M**
Solanum pensile Sendtn., **I, S**
Solanum rubiginosum Vahl, **M, S**
Solanum rugosum Dunal, **M, S, D**
Solanum schlechtendalianum Walp., **I, K, S, D**
Solanum sendtnerianum van Heurck & Müll. Arg., **D**
Solanum stramonifolium Hort. ex Benth., **I, K, M, D**
Solanum subinerme Jacq., **M, D**
Solanum torvum Sw., **S**
Solanum velutinum Dunal, **S**
Solanum sp. nov., **M**

Sterculiaceae

- Byttneria cordifolia* Sagot, **D**
Byttneria divaricata Benth., **I**
Byttneria morii L.C. Barnett & Dorr, **S**
Herrania kanukuensis R.E. Schult., **S**

- Herrania lemniscata* (M.R. Schomb.) R.E. Schult., **I**
Melochia arenosa Benth., **I**
Melochia melissifolia Benth., **K**
Sterculia duckeana da Silva & Coelho, **D**
Sterculia excelsa Mart., **D**
Sterculia frondosa Rich., **S, D**
Sterculia guianensis Sandwith, **I, M**
Sterculia pruriens (Aubl.) K. Schum., **I, M, S, D**
Sterculia rugosa R. Br., **I, M**
Sterculia villifera Steud., **I, S**
Theobroma cacao L., **K, S**
Theobroma grandiflorum (Willd. ex Spreng.) K. Schum., **D**
Theobroma subincanum Mart., **D**
Theobroma sylvestre Mart., **D**
Theobroma velutinum Benoist, **S**
Waltheria indica L., **I, M**

Strelitziaceae

- Phenakospermum guyannense* (Rich.) Endl. ex Miq., **I, K, S**

Styracaceae

- Styrax discolor* M.F.Silva, **D**
Styrax pallidus A. DC., **S**
Styrax sieberi Perkins, **S**
Styrax squamulosa M.F.Silva, **D**
Styrax tessmannii Perkins, **S**

Symplocaceae

- Symplocos martinicensis* Jacq., **S**
Symplocos sp., **M**

Tectariaceae

- Ctenitis refulgens* (Klotzsch ex Mett.) C. Chr. ex Vareschi, **S**
Cyclopeltis semicordata (Sw.) J. Sm., **I, M**
Lastreopsis effusa (Sw.) Tindale, **S**
Tectaria heracleifolia (Willd.) Underw., **I, S**
Tectaria incisa Cav., **S**
Tectaria plantaginea (Jacq.) Maxon, **I, K, M, S**
Tectaria trifoliata (L.) Cav., **I, S**
Triplophyllum acutilobum Holttum, **M**
Triplophyllum dicksonioides (Fée) Holttum, **K, S, D**
Triplophyllum funestum (Kunze) Holttum, **I, K, S, D**

Theaceae

- Ternstroemia dentata* (Aubl.) Sw., **D**
Ternstroemia punctata (Aubl.) Sw., **I, K, M**
Ternstroemia schomburgkiana Benth., **K**
Ternstroemia urophora Kobuski, **D**

Thelypteridaceae

- Thelypteris abrupta* (Desv.) Proctor, **M, S**
Thelypteris arborescens (Humb. & Bonpl. ex Willd.) C.V. Morton, **D**
Thelypteris decussata (L.) Proctor, **S**
Thelypteris gemmulifera (Hieron.) A.R. Sm., **S**
Thelypteris glandulosa (Desv.) Proctor, **S**
Thelypteris hispiduala (Decne.) C.F. Reed, **S**
Thelypteris juruensis (C. Chr.) R.M. Tryon & D.S. Conant, **S**
Thelypteris leprieurii (Hook.) R.M. Tryon, **S**
Thelypteris macrophylla (Kunze) C.V. Morton, **S**
Thelypteris nephrodioides (Klotzsch) Proctor, **S**

- Thelypteris opulenta* (Kaulf.) Fosberg, **I, M**
Thelypteris pennata (Poir.) C.V. Morton, **I, S**
Thelypteris poiteana (Bory) Proctor, **I, S**
Thelypteris serrata (Cav.) Alston, **S**
Thelypteris tetragona (Sw.) Small, **I**
- Theophrastaceae**
Clavija lancifolia Desf., **I, S**
Clavija sp., **D**
- Thurniaceae**
Thurnia jenmanii Hook.f., **K**
Thurnia sphaerocephala (Rudge) Hook.f., **I, K, M, S, D**
- Thymelaeaceae**
Daphnopsis longifolia Taub., **I**
Daphnopsis sp., **S**
Goodallia guianensis Benth., **I**
Schoenobiblus daphnoides Mart., **S, D**
- Tiliaceae**
Apeiba glabra Aubl., **S**
Apeiba petumo Aubl., **I, M, S, D**
Apeiba tibourbou Aubl., **I, S**
Corchorus hirtus L., **I**
Corchorus orinocensis Kunth, **I**
Luehea speciosa Willd., **S**
Lueheopsis rosea (Ducke) Burret, **M, D**
Lueheopsis rugosa (Pulle) Burret, **M, S**
Mollia lepidota Spruce ex Benth., **M**
Mollia ulei Burret, **K**
Vasivaea alchorneoides Baill., **I, M**
- Trigoniaceae**
Trigonia hypoleuca Griseb., **I**
Trigonia laevis Aubl., **I, K, M, S**
Trigonia nivea Cambess., **I**
Trigonia subcymosa Benth., **I**
Trigonia villosa Aubl., **I, S**
- Triuridaceae**
Peltophyllum luteum Gardner, **M**
Sciaphila albescens Benth., **M, S**
Sciaphila oligantha Maas, **D**
Sciaphila picta Miers, **D**
Sciaphila purpurea Benth., **D**
Sciaphila rubra Maas, **D**
Soridium spruceanum Miers, **S**
Triuris hyalina Miers, **M**
- Turneraceae**
Piriqueta cistoides (L.) Griseb., **I, D**
Turnera aurantiaca Benth., **I, M**
Turnera curassavica Urb., **I**
Turnera glaziovii Urb., **S**
Turnera rupestris Aubl., **I, M**
Turnera scabra Millsp., **I**
Turnera subulata Sm., **D**
- Ulmaceae**
Ampelocera edentula Kuhl., **S, D**
Celtis iguanaea (Jacq.) Sarg., **I, S**
Celtis schippii Standl., **I**
Trema micrantha (L.) Blume, **I, K, M, S**
Trema sp., **D**
- Urticaceae**
Boehmeria sp., **S**
- Helianthostylis sprucei* Baill., **D**
Laportea aestuans (L.) Chew, **M, S**
Pilea imparifolia Wedd., **S**
Pilea microphylla (L.) Liebm., **S, D**
Pilea pubescens Liebm., **S**
Urera caracasana (Jacq.) Griseb., **I, S**
Urera laciniata Goudot ex Wedd., **S**
- Verbenaceae**
Aegiphila bracteolosa Moldenke, **D**
Aegiphila integrifolia (Jacq.) B.D. Jacks., **K, S, D**
Aegiphila intermedia Moldenke, **D**
Aegiphila laevis (Aubl.) J.F. Gmel., **M, S**
Aegiphila macrantha Ducke, **M**
Aegiphila membranacea Turcz., **I, S, D**
Aegiphila microcalycina Moldenke, **D**
Aegiphila racemosa Vell., **S**
Aegiphila villosa (Aubl.) J.F. Gmel., **I, M, S**
Amasonia campestris (Aubl.) Moldenke, **I, K**
Amasonia lasiocaulos Mart. & Schauer ex Schauer, **D**
Citharexylum macrophyllum Poir., **I, S**
Clerodendrum sp., **S**
Lantana camara L., **I, S, D**
Lantana cujabensis Schauer, **D**
Lippia alba (Mill.) N.E. Br., **S**
Petrea bracteata Steud., **I, S, D**
Petrea brevicalyx Ducke, **D**
Petrea insignis Schauer, **D**
Petrea macrostachya Benth., **I, M**
Petrea volubilis L., **I, M, S**
Priva lappulacea (L.) Pers., **S**
Stachytarpheta cayennensis (Rich.) Vahl, **I, K, S, D**
Stachytarpheta jamaicensis (L.) Vahl, **K, M, S**
Vitex calothyrsa Sandwith, **D**
Vitex capitata Vahl, **I**
Vitex compressa Turcz., **M**
Vitex duckei Huber, **D**
Vitex guianensis Moldenke, **S**
Vitex spongicarpa Ducke, **D**
Vitex sprucei Briq., **D**
Vitex stahelii Moldenke, **I, M**
Vitex triflora Vahl, **S, D**
- Violaceae**
Amphirrhox longifolia (A. St.-Hil.) Spreng., **I, M**
Amphirrhox surinamensis Eichler, **D**
Corynostylis arborea (L.) S.F. Blake, **I, S**
Gloeospermum sphaerocarpum Triana & Planch., **S**
Hybanthus sp., **S**
Leonia cymosa Mart., **D**
Leonia glycyarpa Ruiz & Pav., **S, D**
Noisetia orchidiflora (Rudge) Ging., **I, S**
Paypayrola confertiflora Tul., **I**
Paypayrola grandiflora Tul., **D**
Paypayrola guianensis Aubl., **I, M**
Paypayrola longifolia Tul., **I, M**
Paypayrola sp., **S**
Rinorea amapensis Hekking, **S, D**
Rinorea brevipes (Benth.) S.F. Blake, **M**
Rinorea endotricha Sandwith, **M**
Rinorea falcata (Mart. ex Eichler) Kuntze, **D**
Rinorea flavescens (Aubl.) Kuntze, **I, K, D**
Rinorea guianensis Aubl., **M, D**

- Rinorea lindeniana* (Tul.) Kuntze, **I**
Rinorea macrocarpa (Mart. ex Eichler) Kuntze, **I, D**
Rinorea neglecta Sandwith, **S**
Rinorea pubiflora (Benth.) Sprague & Sandwith, **I, S, D**
Rinorea racemosa (Martt. & Zucc.) Kuntze, **D**
Rinorea riana (DC. ex Ging.) Kuntze, nom. illeg., **I, M, S**
- Viscaceae**
Phoradendron acinacifolium Mart. ex Eichler, **K**
Phoradendron crassifolium (Pohl ex DC.) Eichler, **I, K, M, S, D**
Phoradendron fanshawei Maguire, **K**
Phoradendron inaequidatum Rusby, **K, D**
Phoradendron obtusissimum (Miq.) Eichler, **K**
Phoradendron perrottetii (DC.) Eichler, **I, M, S**
Phoradendron piperoides (Kunth) Trel., **I, K, M, S**
Phoradendron racemosum (Aubl.) Krug & Urb., **M, S**
- Vitaceae**
Cissus erosa Rich., **I, M, S, D**
Cissus guyanensis Desc., **D**
Cissus subrhomboidea (Baker) Planch., **I**
Cissus verticillata (L.) Nicolson & C.E. Jarvis, **I, M, S**
Cissus sp., **K**
- Vittariaceae**
Anetium citrifolium (L.) Splitg., **I, S**
Antrophyum cajenense (Desv.) Spreng., **K, S**
Antrophyum guayanense Hieron., **I, K, M, S, D**
Antrophyum jenmanii Benedict, **I, K, S**
Antrophyum lanceolatum (L.) Kaulf., **K, S**
Hecistopteris kaieteurensis Kelloff & G. McKee, **K**
Hecistopteris pumila (Spreng.) J. Sm., **K, M, S, D**
Vittaria costata Kunze, **I, K, M, S**
Vittaria graminifolia Kaulf., **I**
Vittaria lineata (L.) Sm., **M, S, D**
Vittaria remota Fée, **S**
Vittaria stipitata Kunze, **S**
- Vochysiaceae**
Erisma bicolor Ducke, **D**
Erisma floribundum Rudge, **S**
Erisma uncinatum Warm., **S**
Qualea acuminata Spruce ex Warm., **D**
Qualea brevipedicellata Stafleu, **D**
Qualea coerulea Aubl., **S**
Qualea mori-boomii Marc.-Berti, **S**
Qualea paraensis Ducke, **D**
- Qualea rosea* Aubl., **S**
Ruizterania albiflora (Warm.) Marc.-Berti, **M, S, D**
Ruizterania cassiquiarensis (Spruce ex Warm.) Marc.-Berti, **D**
Ruizterania clavata (Stafleu) Marc.-Berti, **D**
Ruizterania ferruginea (Steyerm.) Marc.-Berti, **K**
Vochysia biloba Ducke, **D**
Vochysia complicata Ducke, **D**
Vochysia grandis Mart., **D**
Vochysia guianensis Aubl., **S**
Vochysia neyratii Normand, **S**
Vochysia rufescens W.A.Rodr., **D**
Vochysia schomburgkii Warm., **M**
Vochysia surinamensis Stafleu, **I, M, S**
Vochysia tetraphylla (G. Mey.) DC., **I**
Vochysia tomentosa (G. Mey.) DC., **S**
- Woodsiaceae**
Diplazium celtidifolium Kunze, **S**
Diplazium cristatum (Desr.) Alston, **S**
Diplazium expansum Willd., **S**
Diplazium grandifolium (Sw.) Sw., **S**
Hemidictyum marginatum (L.) C. Presl, **S**
- Xyridaceae**
Abolboda acaulis Maguire, **K**
Abolboda americana (Aubl.) Lanj., **K**
Abolboda grandis Griseb., **I, K**
Orectanthe sp., **K**
Xyris cyperoides Gleason, **K**
Xyris fallax Malme, **I, K**
Xyris guianensis Klotzsch, **K**
Xyris involucrata Nees, **I, K**
Xyris jupicai Rich., **I, K, D**
Xyris laxifolia Mart., **S**
Xyris malmeana L.B. Sm., **K**
Xyris setigera F. Oliv., **K**
Xyris subuniflora Malme, **K**
Xyris surinamensis Spreng., **I, K**
Xyris uleana Malme, **K**
- Zingiberaceae**
Renealmia floribunda K. Schum., **I, K, S, D**
Renealmia guianensis Maas, **S**
Renealmia monosperma Miq., **I, S**
Renealmia orinocensis Rusby, **I, K, M, S**
Renealmia thyrsoidea (Ruiz & Pav.) Poepp. & Endl., **I**

APPENDIX 2

IWOKRAMA PLANT COLLECTIONS

- Acanthaceae**
Justicia calycina – Acevedo-Rdgz., P.: 3351; Clarke, H.D.: 609, 636, 2495, 2517, 2526, 4212; McDowell, T.: 3253; Mori, S.: 24548
Justicia pectoralis – McDowell, T.: 3359
Justicia schomburgkiana – Clarke, H.D.: 399; Hoffman, B.: 1377; Mutchnick, P.: 415
Ruellia geminiflora – McDowell, T.: 2043
Trichanthera gigantea – Acevedo-Rdgz., P.: 3389
- Adiantaceae**
Adiantopsis radiata – Mori, S.: 24525
- Adiantum "rondonii"* – Mori, S.: 24407
Adiantum adiantoides – Mutchnick, P.: 485
Adiantum cajennense – Clarke, H.D.: 2608, 2714
Adiantum latifolium – Acevedo-Rdgz., P.: 3297; Hoffman, B.: 1409; McDowell, T.: 3371
Adiantum latifolium x serratodentatum – Hoffman, B.: 1297
Adiantum olivaceum – Hoffman, B.: 1458
Adiantum phyllitidis – Clarke, H.D.: 4307
Adiantum terminatum – Clarke, H.D.: 4280; Ehringhaus, C.: 116

- Adiantum tomentosum* – Clarke, H.D.: 2473; Mori, S.: 24414
Pityrogramma calomelanos – Hoffman, B.: 1339, 1492; McDowell, T.: 2027
- Anacardiaceae**
Spondias mombin – Acevedo-Rdgz., P.: 3436
Tapirira guianensis – McDowell, T.: 2032; Mori, S.: 24510, 24612, 24616; Mutchnick, P.: 495, 882
- Annonaceae**
Anaxagorea dolichocarpa – Acevedo-Rdgz., P.: 3426; Clarke, H.D.: 313, 554, 592, 1400, 1415, 2512, 2567, 2629, 4198, 4251; Hoffman, B.: 1401, 1475, 1487, 4582, 4872, 4876; McDowell, T.: 2110; Mori, S.: 24585; Mutchnick, P.: 384, 752, 933
Annona haenatantha – Clarke, H.D.: 2576
Annona hypoglauca – Clarke, H.D.: 1542; Hoffman, B.: 1367, 1391, 1503; McDowell, T.: 1979; Mutchnick, P.: 483, 866
Annona montana – Hoffman, B.: 1537
Annona sericea – Acevedo-Rdgz., P.: 3381; Clarke, H.D.: 545
Annona symphyocarpa – Clarke, H.D.: 583, 2644; Mori, S.: 24543
Bocageopsis multiflora – Hoffman, B.: 4615, 4986; Mutchnick, P.: 785
Cymbopetalum brasiliense – Acevedo-Rdgz., P.: 3330; Clarke, H.D.: 4152, 4265; Mutchnick, P.: 961
Duguetia calycina – Clarke, H.D.: 192, 526, 2518, 4318; Hoffman, B.: 4520, 4995, 5038
Duguetia inconspicua – Clarke, H.D.: 4324, 4329
Duguetia neglecta – Clarke, H.D.: 187, 1416, 2480, 4316; Hoffman, B.: 4587, 5001; Mutchnick, P.: 391
Duguetia obovata – Mutchnick, P.: 392
Duguetia paraensis – Clarke, H.D.: 1448; Hoffman, B.: 1468; Mori, S.: 24371; Mutchnick, P.: 393
Duguetia quitarensis – McDowell, T.: 1898
Duguetia surinamensis – Clarke, H.D.: 2566
Duguetia yeshidan – Clarke, H.D.: 161, 229, 1275, 1455; Hoffman, B.: 5003
Fusaea longifolia – Clarke, H.D.: 1396, 4330; McDowell, T.: 2106; Mutchnick, P.: 744
Guatteria citriodora – Clarke, H.D.: 670
Guatteria scandens – Clarke, H.D.: 330, 401, 623, 1335; Hoffman, B.: 4619; Mutchnick, P.: 742
Guatteria schomburgkiana – Chanderbali, A.: 182; McDowell, T.: 2026
Guatteria sp. – Clarke, H.D.: 575, 1429, 2496, 2515, 4139, 4195; Hoffman, B.: 1400; Mori, S.: 24486, 24530, 24559, 24611
Oxandra guianensis – Hoffman, B.: 1463
Pseudoxandra sp. – Mori, S.: 24376
Rollinia exsucca – Acevedo-Rdgz., P.: 3452
Trigynaea caudata – Clarke, H.D.: 233, 412
Trigynaea guianensis – Hoffman, B.: 1465
Unonopsis guatterioides – Clarke, H.D.: 539, 1544; Mori, S.: 24369; Mutchnick, P.: 461
Unonopsis rufescens – Clarke, H.D.: 4194
Unonopsis stipitata – Clarke, H.D.: 1466, 1560, 2729, 4308
Unonopsis sp. – McDowell, T.: 3375
Xylopia aromatica – McDowell, T.: 1986
Xylopia benthamii – Clarke, H.D.: 1417; Ehringhaus, C.: 127
Xylopia discreta – Acevedo-Rdgz., P.: 3405; Clarke, H.D.: 1558; Hoffman, B.: 1559
Xylopia nitida – McDowell, T.: 2072, 2091
- Apocynaceae**
Allamanda cathartica – Acevedo-Rdgz., P.: 3340
Aspidosperma excelsum – Clarke, H.D.: 678, 1293; Hoffman, B.: 4591, 4878
Aspidosperma vargasii – Clarke, H.D.: 420
Bonafousia lorifera – Clarke, H.D.: 328, 1350, 2500
Bonafousia siphilitica – Ehringhaus, C.: 75; Hoffman, B.: 1509; McDowell, T.: 1980
Bonafousia undulata – Clarke, H.D.: 171, 206, 207, 321, 408, 601, 1288, 1458, 1487, 2545, 2573, 2574, 2630; Hoffman, B.: 1490, 4577; Mutchnick, P.: 576, 930
Couma guianensis – Clarke, H.D.: 370
Forsteronia guyanensis – Acevedo-Rdgz., P.: 3449
Lacmellea aculeata – Mutchnick, P.: 750
Malouetia gracilis – Clarke, H.D.: 2763; McDowell, T.: 3345; Mutchnick, P.: 561
Malouetia tamaquarina – Clarke, H.D.: 162, 2730
Mandevilla hirsuta – Acevedo-Rdgz., P.: 3344; Clarke, H.D.: 1600
Mandevilla scabra – Acevedo-Rdgz., P.: 3343, 3387
Mandevilla sp. – Mutchnick, P.: 413
Mesechites trifida – Clarke, H.D.: 690, 1531; Hoffman, B.: 1287; McDowell, T.: 1962; Mutchnick, P.: 456, 527, 665
Odontadenia macrantha – Clarke, H.D.: 1348; Hoffman, B.: 1372; Mutchnick, P.: 434
Odontadenia nitida – Clarke, H.D.: 2656
Prestonia acutifolia – Clarke, H.D.: 306
Prestonia coalita – McDowell, T.: 1968b
Prestonia tomentosa – Mutchnick, P.: 439
Tabernaemontana heterophylla – Acevedo-Rdgz., P.: 3320; Clarke, H.D.: 1300; Hoffman, B.: 4954; Mutchnick, P.: 786
Tabernaemontana undulata – Acevedo-Rdgz., P.: 3428; Hoffman, B.: 1338, 1402, 1460; McDowell, T.: 3258, 3290
- Araceae**
Anthurium expansum – Clarke, H.D.: 641, 2510, 4153; Mutchnick, P.: 980
Anthurium gracile – Clarke, H.D.: 630, 1547, 4085; Hoffman, B.: 1508; Mutchnick, P.: 496, 515
Anthurium thrinax – Clarke, H.D.: 1430
Anthurium trinerve – Clarke, H.D.: 2638, 4098
Caladium bicolor – Ehringhaus, C.: 48
Heteropsis flexuosa – Clarke, H.D.: 1336, 4163, 4217; Hoffman, B.: 4640, 4645, 4817, 5052, 5060, 5061, 5066, 5067, 5070, 5071
Heteropsis melinonii – Hoffman, B.: 5069
Heteropsis spruceana – Clarke, H.D.: 1489; Mutchnick, P.: 571
Monstera adansonii – Acevedo-Rdgz., P.: 3373; Clarke, H.D.: 4264
Monstera obliqua – Hoffman, B.: 1528
Montrichardia arborescens – Clarke, H.D.: 263; Mutchnick, P.: 435, 673
Montrichardia linifera – Mutchnick, P.: 805
Philodendron camposportuanum – McDowell, T.: 2066
Philodendron fragrantissimum – Acevedo-Rdgz., P.:

- 3360; Clarke, H.D.: 513, 1276, 1497; Ehringhaus, C.: 65; Hoffman, B.: 1574, 5062; Mutchnick, P.: 735
- Philodendron hylaeae* – Clarke, H.D.: 1498; Mutchnick, P.: 731
- Philodendron insigne* – Ehringhaus, C.: 134
- Philodendron jenmanii* – Hoffman, B.: 1470
- Philodendron linnaei* – Hoffman, B.: 5068; Mutchnick, P.: 736
- Philodendron muricatum* – Clarke, H.D.: 1372; McDowell, T.: 2016; Mutchnick, P.: 436
- Philodendron myrmecophilum* – Clarke, H.D.: 157
- Philodendron ornatum* – Mutchnick, P.: 936
- Philodendron pedatum* – Clarke, H.D.: 4315; Hoffman, B.: 5055
- Philodendron placidum* – Clarke, H.D.: 629
- Philodendron rudgeanum* – Clarke, H.D.: 1511
- Philodendron solimoëense* – Clarke, H.D.: 4344; Mutchnick, P.: 716
- Philodendron surinamense* – Mutchnick, P.: 623
- Rhodospatha oblongata* – Clarke, H.D.: 2501
- Spathiphyllum cuspidatum* – Clarke, H.D.: 633, 2491, 4243, 4269; Ehringhaus, C.: 136; Hoffman, B.: 1459; Mori, S.: 24549
- Stenospermation maguirei* – Clarke, H.D.: 2587, 4099, 4125
- Syngonium podophyllum* – Acevedo-Rdgz., P.: 3327; Clarke, H.D.: 4289; Hoffman, B.: 1407; McDowell, T.: 2082
- Urospatha sagittifolia* – Clarke, H.D.: 555; McDowell, T.: 3307
- Areaceae**
- Astrocaryum gynacanthum* – Hoffman, B.: 1551
- Astrocaryum sciophilum* – Clarke, H.D.: 1344; Mutchnick, P.: 855
- Attalea maripa* – Mutchnick, P.: 807
- Attalea microcarpa* – Hoffman, B.: 4631
- Bactris balanophora* – McDowell, T.: 3306; Mori, S.: 24593
- Bactris corossilla* – Clarke, H.D.: 4262, 4337
- Bactris elegans* – Mutchnick, P.: 823
- Bactris oligoclada* – Clarke, H.D.: 333, 487, 527; Mori, S.: 24653; Mutchnick, P.: 822, 852, 854
- Bactris ptariana* – Clarke, H.D.: 2597; Mori, S.: 24594
- Bactris simplicifrons* – Acevedo-Rdgz., P.: 3369; Clarke, H.D.: 2631; McDowell, T.: 3302; Mori, S.: 24398; Mutchnick, P.: 611, 613
- Bactris* sp. – Clarke, H.D.: 531, 1292, 1309
- Desmoncus orthacanthos* – Mutchnick, P.: 829
- Desmoncus* sp. – Acevedo-Rdgz., P.: 3354
- Euterpe oleracea* – Clarke, H.D.: 1284, 1427
- Geonoma baculifera* – Clarke, H.D.: 486; Mutchnick, P.: 844
- Geonoma deversa* – Clarke, H.D.: 1298, 4336; Mutchnick, P.: 820
- Geonoma eupatha* – Hoffman, B.: 1418
- Geonoma maxima* – Clarke, H.D.: 648, 2532, 4167; Hoffman, B.: 1403, 1577; McDowell, T.: 3367; Mutchnick, P.: 959
- Geonoma* sp. – Clarke, H.D.: 403, 1316, 1490
- Mauritiella armata* – Hoffman, B.: 4633
- Oenocarpus bataua* – Hoffman, B.: 4589
- Socratea exorrhiza* – Clarke, H.D.: 1320, 4266; Mutchnick, P.: 845, 849
- Aristolochiaceae**
- Aristolochia iquitensis* – Clarke, H.D.: 519; Mutchnick, P.: 573
- Aristolochia surinamensis* – Acevedo-Rdgz., P.: 3308
- Asclepiadaceae**
- Matelea stenopetala* – Clarke, H.D.: 659
- Tassadia guianensis* – Hoffman, B.: 1376
- Aspleniaceae**
- Asplenium angustum* – Clarke, H.D.: 4083
- Asplenium auriculatum* – Clarke, H.D.: 4257
- Asplenium cristatum* – Ehringhaus, C.: 66
- Asplenium serratum* – Clarke, H.D.: 373, 634, 4082, 4225; Hoffman, B.: 1322, 1406, 1562; Mori, S.: 24412; Mutchnick, P.: 787
- Asteraceae**
- Calea caleoides* – Ehringhaus, C.: 93; McDowell, T.: 2040, 3273; Mori, S.: 24437
- Calea solidaginea* – Mutchnick, P.: 769
- Centratherum punctatum* – McDowell, T.: 1885
- Chromolaena squalida* – Clarke, H.D.: 557
- Clibadium surinamense* – Acevedo-Rdgz., P.: 3386
- Clibadium sylvestre* – Hoffman, B.: 1552; McDowell, T.: 3366
- Eclipta prostrata* – Clarke, H.D.: 1355
- Eleutheranthera ruderalis* – Clarke, H.D.: 500
- Gnaphalium polycaulon* – Mutchnick, P.: 766
- Lepidaploa gracilis* – Hoffman, B.: 1316; McDowell, T.: 3275; Mutchnick, P.: 556
- Mikania congesta* – Clarke, H.D.: 262; Mutchnick, P.: 666
- Mikania gleasonii* – Clarke, H.D.: 4206; McDowell, T.: 2104
- Mikania hookeriana* – Mori, S.: 24586
- Mikania lindleyana* – Mutchnick, P.: 411
- Mikania parviflora* – Clarke, H.D.: 1328; Mutchnick, P.: 840
- Mikania psilostachya* – Mori, S.: 24471
- Mikania trinitaria* – Acevedo-Rdgz., P.: 3339
- Piptocarpha triflora* – Acevedo-Rdgz., P.: 3304
- Rolandra fruticosa* – Clarke, H.D.: 561
- Trichospira verticillata* – Ehringhaus, C.: 61; Hoffman, B.: 1270; McDowell, T.: 1975; Mutchnick, P.: 765
- Wulffia baccata* – Acevedo-Rdgz., P.: 3323; Clarke, H.D.: 1602, 2685; Hoffman, B.: 1553; Mori, S.: 24575; Mutchnick, P.: 907
- Balanophoraceae**
- Helosia cayennensis* – Acevedo-Rdgz., P.: 3295; Clarke, H.D.: 1516, 1574, 2588
- Begoniaceae**
- Begonia guaduensis* – Hoffman, B.: 1564
- Begonia heloisana* – Hoffman, B.: 1564a
- Bignoniaceae**
- Adenocalymna inundatum* – Acevedo-Rdgz., P.: 3326
- Anemopaegma chrysoleucum* – Hoffman, B.: 1379
- Arrabidaea bilabiata* – Acevedo-Rdgz., P.: 3315; McDowell, T.: 1963
- Arrabidaea candicans* – Mori, S.: 24456
- Arrabidaea florida* – Mutchnick, P.: 591
- Arrabidaea inaequalis* – Acevedo-Rdgz., P.: 3441

- Clytostoma binatum* – Clarke, H.D.: 1548; Mutchnick, P.: 421
- Cydista aequinoctialis* – Acevedo-Rdgz., P.: 3318, 3443; Clarke, H.D.: 269; McDowell, T.: 3270, 3334, 3339; Mutchnick, P.: 447
- Distictella elongata* – McDowell, T.: 3250; Mutchnick, P.: 602
- Jacaranda copaia* – Hoffman, B.: 4569, 4609, 4841
- Jacaranda obtusifolia* – Clarke, H.D.: 2744; Hoffman, B.: 4546; McDowell, T.: 2025; Mutchnick, P.: 394, 824
- Lundia densiflora* – Acevedo-Rdgz., P.: 3400
- Memora racenosa* – Mori, S.: 24363
- Memora schomburgkii* – Mutchnick, P.: 414
- Mussatia hyacinthina* – Hoffman, B.: 4875
- Parabignonia steyermarkii* – Clarke, H.D.: 4165
- Paragonia pyramidata* – McDowell, T.: 3282
- Pleonotoma clematis* – Mutchnick, P.: 626, 657
- Tabebuia insignis* – Mori, S.: 24519
- Tabebuia stenocalyx* – Mori, S.: 24566
- Tanaecium jaroba* – Mutchnick, P.: 873
- Tynanthus* sp. – Ehringhaus, C.: 94
- Bixaceae**
- Bixa orellana* – Clarke, H.D.: 2752
- Cochlospermum orinocense* – Clarke, H.D.: 1501; Mutchnick, P.: 803, 913
- Bombacaceae**
- Catstemma fragrans* – Hoffman, B.: 4525; Mutchnick, P.: 802
- Pachira aquatica* – Clarke, H.D.: 1333
- Pachira insignis* – Clarke, H.D.: 349, 1442; Mutchnick, P.: 553, 869
- Boraginaceae**
- Cordia alliodora* – Chanderbali, A.: 164
- Cordia exaltata* – Clarke, H.D.: 234, 366, 546
- Cordia fallax* – Hoffman, B.: 4606
- Cordia grandiflora* – Clarke, H.D.: 217, 1376, 2691, 2748
- Cordia nodosa* – Acevedo-Rdgz., P.: 3451; Clarke, H.D.: 173, 430, 1469, 1493, 2530, 2722, 4168; Hoffman, B.: 1368, 4578; Mori, S.: 24572; Mutchnick, P.: 848
- Cordia sagotii* – Clarke, H.D.: 516
- Cordia schomburgkii* – McDowell, T.: 1939
- Cordia tetrandra* – Hoffman, B.: 1370
- Cordia* sp. – Mutchnick, P.: 578
- Heliotropium filiforme* – Hoffman, B.: 1392; Mori, S.: 24354
- Heliotropium ternatum* – Mutchnick, P.: 595
- Tournefortia cuspidata* – Acevedo-Rdgz., P.: 3294
- Tournefortia hirsutissima* – Clarke, H.D.: 304
- Tournefortia melanochaeta* – Mori, S.: 24422, 24428
- Tournefortia ulei* – McDowell, T.: 3356
- Tournefortia* sp. – Mutchnick, P.: 637
- Bromeliaceae**
- Aechmea bromeliifolia* – Clarke, H.D.: 155
- Aechmea mertensii* – Acevedo-Rdgz., P.: 3411; Clarke, H.D.: 467, 1538, 2652; McDowell, T.: 3333; Mutchnick, P.: 480
- Aechmea tillandsioides* – Clarke, H.D.: 1343, 1556
- Ananas parguazensis* – Clarke, H.D.: 376, 1505, 2766; McDowell, T.: 2024, 3380; Mutchnick, P.: 559, 737
- Guzmania lingulata* – Clarke, H.D.: 427, 4311; Ehringhaus, C.: 133
- Guzmania roezlii* – Clarke, H.D.: 4302
- Pitcairnia sprucei* – Mutchnick, P.: 734
- Burmanniaceae**
- Campylosiphon purpurascens* – Clarke, H.D.: 682
- Gymnosiphon breviflorus* – Clarke, H.D.: 1421
- Gymnosiphon divaricatus* – Clarke, H.D.: 194; Ehringhaus, C.: 129; Mori, S.: 24515
- Burseraceae**
- Crepidospermum goudotianum* – Hoffman, B.: 1570
- Crepidospermum rhoifolium* – Mutchnick, P.: 582
- Protium decandrum* – Clarke, H.D.: 2474, 4339; Mori, S.: 24474, 24642
- Protium guianense* – Clarke, H.D.: 661; Mutchnick, P.: 917, 939
- Protium heptaphyllum* – Acevedo-Rdgz., P.: 3409; Clarke, H.D.: 394, 464, 2739; Hoffman, B.: 1305, 1388, 4551; McDowell, T.: 1985, 3264; Mutchnick, P.: 417, 685, 887
- Protium opacum* – Clarke, H.D.: 2524, 4133, 4271
- Protium sagotianum* – Hoffman, B.: 1568
- Protium* sp. – Hoffman, B.: 5004
- Tetragastris altissima* – Clarke, H.D.: 1567
- Tetragastris hostmannii* – Mutchnick, P.: 796
- Tetragastris panamensis* – Mutchnick, P.: 725
- Cactaceae**
- Epiphyllum phyllanthus* – Clarke, H.D.: 1286; McDowell, T.: 1969; Mutchnick, P.: 524, 654, 794
- Campanulaceae**
- Centropogon cornutus* – Clarke, H.D.: 618, 4215
- Cannaceae**
- Canna indica* – Hoffman, B.: 1351
- Capparaceae**
- Cleome* sp. – Hoffman, B.: 1365
- Crateva tapia* – Clarke, H.D.: 309; Mutchnick, P.: 708
- Caricaceae**
- Jacaratia spinosa* – Clarke, H.D.: 4237; Hoffman, B.: 4917
- Caryocaraceae**
- Anthodiscus trifoliatus* – Clarke, H.D.: 167, 2765; McDowell, T.: 3265
- Caryocar glabrum* – Mori, S.: 24595
- Caryocar microcarpum* – Mutchnick, P.: 514
- Caryocar montanum* – Clarke, H.D.: 579
- Caryocar nuciferum* – Clarke, H.D.: 327; Mutchnick, P.: 490, 781
- Cecropiaceae**
- Coussapoa asperifolia* – Clarke, H.D.: 341, 1377; Mutchnick, P.: 871
- Coussapoa microcephala* – Clarke, H.D.: 666; McDowell, T.: 3256
- Coussapoa viridifolia* – Clarke, H.D.: 2640
- Pourouma villosa* – Mutchnick, P.: 850
- Celastraceae**
- Goupia glabra* – Acevedo-Rdgz., P.: 3430b; Hoffman, B.: 4612; McDowell, T.: 2087; Mutchnick, P.: 387
- Maytenus guyanensis* – Clarke, H.D.: 2769
- Maytenus* sp. – Acevedo-Rdgz., P.: 3312; Hoffman, B.: 1265, 1312; Mutchnick, P.: 721

Chrysobalanaceae

- Couepia bracteosa* – Clarke, H.D.: 197, 198, 253, 254, 525; Mutchnick, P.: 920
Couepia comosa – Clarke, H.D.: 397, 688; Hoffman, B.: 1268; Mutchnick, P.: 686
Couepia multiflora – Mutchnick, P.: 562
Couepia paraensis – Hoffman, B.: 1321; Mutchnick, P.: 690
Couepia parillo – Clarke, H.D.: 2598; Mori, S.: 24542, 24589; Mutchnick, P.: 940
Hirtella hispida – Hoffman, B.: 4555, 4853
Hirtella paniculata – Clarke, H.D.: 280, 2755; McDowell, T.: 2029; Mutchnick, P.: 519, 651, 879
Hirtella racemosa – Clarke, H.D.: 446, 1337, 2770; Mutchnick, P.: 525, 530
Hirtella silicea – Clarke, H.D.: 1464, 2610, 4127; Hoffman, B.: 4608
Hirtella sp. – Clarke, H.D.: 219; Hoffman, B.: 5006, 5019; Mori, S.: 24581
Licania alba – Clarke, H.D.: 2472, 2479; Hoffman, B.: 4581; Mutchnick, P.: 580a
Licania apetala – Clarke, H.D.: 1370; McDowell, T.: 1996
Licania boyanii – Clarke, H.D.: 532
Licania canescens – Mutchnick, P.: 492
Licania coriacea – Clarke, H.D.: 2746; McDowell, T.: 3343; Mori, S.: 24391; Mutchnick, P.: 528, 747, 772, 774, 777
Licania densiflora – Clarke, H.D.: 1340; Hoffman, B.: 1421; McDowell, T.: 2068; Mutchnick, P.: 433
Licania discolor – Hoffman, B.: 4571
Licania heteromorpha – Mutchnick, P.: 779
Licania incana – Clarke, H.D.: 236, 2655
Licania intrapetalaris – Mutchnick, P.: 521
Licania leptostachya – Clarke, H.D.: 1331; Hoffman, B.: 1308; Mutchnick, P.: 764, 867
Licania licaniiflora – Clarke, H.D.: 4210
Licania longistyla – Clarke, H.D.: 524, 1425
Licania majuscula – Clarke, H.D.: 1570
Licania parvifolia – Mutchnick, P.: 705
Licania persaudii – Clarke, H.D.: 312; Hoffman, B.: 4559; Mori, S.: 24370
Licania polita – Hoffman, B.: 1371; Mori, S.: 24373; Mutchnick, P.: 659
Licania sprucei – Mutchnick, P.: 847
Licania sp. – Hoffman, B.: 4910
Parinari campestris – Clarke, H.D.: 282, 346
Parinari rodolphii – Hoffman, B.: 4538

Clusiaceae

- Caraipa grandifolia* – Clarke, H.D.: 390, 1532
Caraipa punctulata – Clarke, H.D.: 4089; Hoffman, B.: 4598
Clusia columnaris – Clarke, H.D.: 2546
Clusia flavida – Chandlerbali, A.: 183; Clarke, H.D.: 424, 646, 2547
Clusia fockeana – Clarke, H.D.: 216, 224, 533; Hoffman, B.: 1444
Clusia grandiflora – Clarke, H.D.: 220, 627; Hoffman, B.: 1461, 5059; Mori, S.: 24489; Mutchnick, P.: 929
Clusia myriandra – Mutchnick, P.: 568, 916
Clusia nemorosa – Clarke, H.D.: 2678; Mutchnick, P.: 810

- Clusia palmicida* – Clarke, H.D.: 4164; Mori, S.: 24506, 24517
Clusia panapanari – Clarke, H.D.: 2764; Hoffman, B.: 1307; Mori, S.: 24608
Clusia viscida – Hoffman, B.: 4636
Clusia sp. – Mutchnick, P.: 569
Garcinia benthamiana – Clarke, H.D.: 2580; Mutchnick, P.: 783
Garcinia macrophylla – Clarke, H.D.: 2711; Hoffman, B.: 4513
Garcinia madruño – Clarke, H.D.: 2771
Rheedia macrophylla – Hoffman, B.: 1404, 5044
Tovomita brevistaminea – Hoffman, B.: 5046; Mori, S.: 24374
Tovomita carinata – Clarke, H.D.: 2568
Tovomita cephalostigma – Mutchnick, P.: 431
Tovomita egersii – Mori, S.: 24605
Tovomita longifolia – Hoffman, B.: 4597
Tovomita macrophylla – Mori, S.: 24534
Tovomita pyrifolia – Mutchnick, P.: 941
Tovomita schomburgkii – Clarke, H.D.: 674, 1568; Mori, S.: 24533
Vismia cayennensis – Clarke, H.D.: 1583; McDowell, T.: 1937; Mutchnick, P.: 883
Vismia guianensis – Clarke, H.D.: 544; Mutchnick, P.: 589
Vismia japurensis – Ehringhaus, C.: 103; Mori, S.: 24472; Mutchnick, P.: 570
Vismia latifolia – Acevedo-Rdgz., P.: 3392, 3394
Vismia macrophylla – Clarke, H.D.: 556; Hoffman, B.: 1332, 1419, 1491; McDowell, T.: 2062, 2099
Vismia sessilifolia – Clarke, H.D.: 4286; Mori, S.: 24435

Combretaceae

- Buchenavia macrophylla* – Clarke, H.D.: 271
Buchenavia megalophylla – Clarke, H.D.: 1380, 2757; Hoffman, B.: 1320; Mori, S.: 24347; Mutchnick, P.: 440, 770
Combretum laxum – Acevedo-Rdgz., P.: 3302; McDowell, T.: 2071; Mutchnick, P.: 458, 565, 835
Combretum rotundifolium – Acevedo-Rdgz., P.: 3319; Clarke, H.D.: 285, 357, 1378; Hoffman, B.: 1299; McDowell, T.: 3329; Mutchnick, P.: 506, 512
Terminalia amazonia – Hoffman, B.: 1478, 4566

Commelinaceae

- Commelina rufipes* – McDowell, T.: 3354
Dichorisandra hexandra – McDowell, T.: 3293

Connaraceae

- Cnestidium guianense* – Mori, S.: 24475
Connarus lambertii – Clarke, H.D.: 1334; Hoffman, B.: 1361; Mutchnick, P.: 644, 763
Connarus megacarpus – Clarke, H.D.: 4171
Connarus sp. – Hoffman, B.: 4899

Convolvulaceae

- Calycobolus glaber* – McDowell, T.: 3260
Dicranostyles ampla – Clarke, H.D.: 169, 389
Dicranostyles holostyla – Hoffman, B.: 4556
Ipomoea phillomega – Clarke, H.D.: 4347
Ipomoea squamosa – Mutchnick, P.: 653
Ipomoea tiliacea – Clarke, H.D.: 1382; Mutchnick, P.: 906
Lysistyles scandens – McDowell, T.: 2067; Mori, S.: 24507; Mutchnick, P.: 800

- Maripa scandens* – Clarke, H.D.: 477; Hoffman, B.: 4930; McDowell, T.: 2065
- Merremia aturensis* – Clarke, H.D.: 1579
- Merremia macrocalyx* – Clarke, H.D.: 1599; McDowell, T.: 2060, 3351; Mutchnick, P.: 581, 903
- Costaceae**
- Costus arabicus* – Hoffman, B.: 1296; Mutchnick, P.: 454
- Costus scaber* – Acevedo-Rdgz., P.: 3356; Clarke, H.D.: 163, 658, 1311, 2609; Ehringhaus, C.: 74; McDowell, T.: 1891, 3372
- Cucurbitaceae**
- Cayaponia ophthalmica* – Hoffman, B.: 1480
- Gurania bignoniacea* – Clarke, H.D.: 4141, 4186, 4288; Hoffman, B.: 1331; Mori, S.: 24648
- Gurania lobata* – Clarke, H.D.: 621
- Gurania spinulosa* – Clarke, H.D.: 4282
- Gurania subumbellata* – Mori, S.: 24473
- Psiguria triphylla* – Mutchnick, P.: 575
- Cyatheaceae**
- Cnemidaria spectabilis* – Clarke, H.D.: 4241
- Cnemidaria spectabilis* – Clarke, H.D.: 4131
- Cyathea cyatheoides* – Hoffman, B.: 1486
- Cyathea macrocarpa* – Mutchnick, P.: 609
- Cyathea microdonta* – Mutchnick, P.: 928
- Cyathea pungens* – Clarke, H.D.: 4120, 4278a
- Cyathea surinamensis* – McDowell, T.: 3312; Mori, S.: 24393
- Cyclanthaceae**
- Asplundia maguirei* – Clarke, H.D.: 4273
- Thoracocarpus bissectus* – Clarke, H.D.: 2716; Hoffman, B.: 4536; Mutchnick, P.: 445
- Cyperaceae**
- Becquerelia cymosa* – Clarke, H.D.: 672; Mutchnick, P.: 922
- Bulbostylis juncooides* – Clarke, H.D.: 564; Ehringhaus, C.: 79
- Calyptrocarya bicolor* – Clarke, H.D.: 2728
- Calyptrocarya glomerulata* – Clarke, H.D.: 222, 251, 371, 647a, 1476, 1477, 2476, 4248, 4297; Hoffman, B.: 1386; McDowell, T.: 3311b; Mori, S.: 24412a; Mutchnick, P.: 616
- Calyptrocarya poeppigiana* – Clarke, H.D.: 1302
- Cyperus aggregatus* – Mutchnick, P.: 636
- Cyperus filifolius* – Hoffman, B.: 1315
- Cyperus haspan* – Clarke, H.D.: 2666; McDowell, T.: 2028
- Cyperus ligularis* – Hoffman, B.: 1329
- Cyperus luzulae* – Clarke, H.D.: 491; Ehringhaus, C.: 115; McDowell, T.: 3342; Mori, S.: 24439
- Cyperus miliifolius* – Clarke, H.D.: 472; Mutchnick, P.: 635
- Cyperus odoratus* – Mutchnick, P.: 890
- Cyperus trailii* – Mutchnick, P.: 768
- Diplacrum capitatum* – Clarke, H.D.: 550; Mori, S.: 24434
- Diplasia karataefolia* – Acevedo-Rdgz., P.: 3355; Clarke, H.D.: 1283; Ehringhaus, C.: 112; Mori, S.: 24452
- Eleocharis subfoliata* – Hoffman, B.: 1514
- Fimbristylis complanata* – Clarke, H.D.: 1398
- Fimbristylis miliacea* – McDowell, T.: 1978
- Fimbristylis vahlii* – Mutchnick, P.: 767
- Fuirena umbellata* – Mori, S.: 24459
- Hypolytrum jenmanii* – Clarke, H.D.: 1397; Mori, S.: 24445, 24523
- Hypolytrum longifolium* – Clarke, H.D.: 361, 473, 480, 1474
- Hypolytrum pulchrum* – Clarke, H.D.: 2663; Hoffman, B.: 1429
- Lagenocarpus guianensis* – Hoffman, B.: 1442
- Mapania surinamensis* – Clarke, H.D.: 2529
- Mapania sylvatica* – Clarke, H.D.: 635, 2577
- Rhynchospora albomarginata* – Clarke, H.D.: 694
- Rhynchospora amazonica* – Clarke, H.D.: 1478
- Rhynchospora barbata* – Clarke, H.D.: 563; Ehringhaus, C.: 111; Hoffman, B.: 1430; Mori, S.: 24478
- Rhynchospora cephalotes* – McDowell, T.: 1899; Mutchnick, P.: 566
- Rhynchospora holoschoenoides* – Ehringhaus, C.: 113; Hoffman, B.: 1330; Mori, S.: 24479
- Rhynchospora nervosa* – Clarke, H.D.: 1585
- Rhynchospora reptans* – Clarke, H.D.: 437
- Rhynchospora tenella* – Clarke, H.D.: 2553
- Scleria cyperina* – Clarke, H.D.: 567
- Scleria flagellum-nigrorum* – Clarke, H.D.: 218
- Scleria latifolia* – Mori, S.: 24556
- Scleria macrogyne* – Clarke, H.D.: 244
- Scleria melaleuca* – Ehringhaus, C.: 114; Mori, S.: 24431
- Scleria microcarpa* – Hoffman, B.: 1313, 1517; McDowell, T.: 1960; Mutchnick, P.: 691
- Scleria stipitata* – McDowell, T.: 1961
- Scleria stipularis* – Mori, S.: 24477
- Dennstaedtiaceae**
- Lindsaea divaricata* – Mori, S.: 24413
- Lindsaea guianensis* – Mutchnick, P.: 610
- Lindsaea lancea* – Clarke, H.D.: 4115, 4317; McDowell, T.: 3310; Mori, S.: 24394; Mutchnick, P.: 612
- Lindsaea quadrangularis* – McDowell, T.: 3320
- Lindsaea stricta* – Hoffman, B.: 1431
- Saccoloma elegans* – Clarke, H.D.: 1434
- Saccoloma inaequale* – Clarke, H.D.: 4132
- Dichapetalaceae**
- Dichapetalum pedunculatum* – Hoffman, B.: 4981; Mori, S.: 24466
- Tapura guianensis* – Acevedo-Rdgz., P.: 3423; Clarke, H.D.: 522, 591, 1468, 2478, 2717, 2724, 4197; Ehringhaus, C.: 69; Hoffman, B.: 4544, 4879; Mutchnick, P.: 579, 615, 751
- Dilleniaceae**
- Curatella americana* – Mutchnick, P.: 881
- Davilla kunthii* – Clarke, H.D.: 552; Ehringhaus, C.: 104; McDowell, T.: 1958
- Davilla nitida* – Mutchnick, P.: 830
- Doliocarpus brevipedicellatus* – McDowell, T.: 2049
- Doliocarpus guianensis* – McDowell, T.: 2079
- Doliocarpus spraguei* – Clarke, H.D.: 1409
- Doliocarpus* sp. – Hoffman, B.: 4944
- Dioscoreaceae**
- Dioscorea amazonum* – Clarke, H.D.: 560
- Dioscorea pachycarpa* – Mori, S.: 24509

- Dioscorea pilosiuscula* – Mutchnick, P.: 441
Dioscorea truncata – Hoffman, B.: 4638
Dioscorea sp. – Clarke, H.D.: 1502; Mutchnick, P.: 627
- Droseraceae**
Drosera capillaris – Hoffman, B.: 1435
- Dryopteridaceae**
Cyclodium inerme – Clarke, H.D.: 375, 2569, 4126, 4207; Mutchnick, P.: 487
Cyclodium meniscioides – Clarke, H.D.: 4116; McDowell, T.: 3321; Mori, S.: 24395, 24557; Mutchnick, P.: 943
- Ebenaceae**
Diospyros ierensis – Clarke, H.D.: 4267
Diospyros lissocarpoides – Clarke, H.D.: 227, 388, 1352, 1450; Hoffman, B.: 1283, 1374, 4912; Mori, S.: 24368, 24570; Mutchnick, P.: 522
- Elaeocarpaceae**
Sloanea garckeana – Clarke, H.D.: 1457
Sloanea grandiflora – Clarke, H.D.: 2604, 4270; Hoffman, B.: 5012; Mori, S.: 24576; Mutchnick, P.: 782
Sloanea guianensis – Clarke, H.D.: 4095
Sloanea latifolia – Hoffman, B.: 1453
Sloanea parviflora – Hoffman, B.: 4928
- Eriocaulaceae**
Syngonanthus umbellatus – Clarke, H.D.: 2658
Tonina fluviatilis – McDowell, T.: 2036; Mori, S.: 24440
- Erythroxylaceae**
Erythroxylum mucronatum – Acevedo-Rdgz., P.: 3404; Clarke, H.D.: 2498
- Euphorbiaceae**
Amanoa guianensis – Hoffman, B.: 1385, 1499; McDowell, T.: 1973, 3378; Mutchnick, P.: 508
Aparisthium cordatum – Clarke, H.D.: 4130; Mori, S.: 24453
Croton trinitatis – Clarke, H.D.: 1590; Hoffman, B.: 1340; McDowell, T.: 1974, 3350
Dalechampia affinis – Hoffman, B.: 1324; Mori, S.: 24356
Dalechampia parvibracteata – Clarke, H.D.: 176
Discocarpus essequiboensis – Clarke, H.D.: 414, 1445; Hoffman, B.: 1479; Mori, S.: 24359; Mutchnick, P.: 502, 538, 754
Hyeronima oblonga – Clarke, H.D.: 679
Mabea biglandulosa – Clarke, H.D.: 2538
Mabea piriri – Clarke, H.D.: 577; Hoffman, B.: 4897
Mabea speciosa – Clarke, H.D.: 2635
Mabea taquari – McDowell, T.: 2057; Mutchnick, P.: 655, 706, 821
Maprounea guianensis – Hoffman, B.: 4558; McDowell, T.: 1988
Margaritaria nobilis – Clarke, H.D.: 231; Mori, S.: 24564
Micrandra elata – Clarke, H.D.: 381
Omphalea diandra – Acevedo-Rdgz., P.: 3440
Pausandra martinii – Clarke, H.D.: 594, 2606, 2628, 2682, 4201; Hoffman, B.: 1397, 4594, 4614, 4701, 4873, 5065; Mori, S.: 24503
Phyllanthus carolinienis – Clarke, H.D.: 2768
Phyllanthus juglandifolius – Ehringhaus, C.: 51
Phyllanthus urinaria – McDowell, T.: 3362
Plukenetia verrucosa – Clarke, H.D.: 622
Ruprechtia brachysepala – Mutchnick, P.: 862
Sagotia racemosa – Clarke, H.D.: 329
Sandwithia guyanensis – Clarke, H.D.: 2619
Sapium jenmanii – Hoffman, B.: 4869
Sapium montanum – Clarke, H.D.: 4342
- Fabaceae-Caesal.**
Bauhinia guianensis – Mutchnick, P.: 410
Bauhinia sp. – Clarke, H.D.: 2687, 4172; Hoffman, B.: 4588
Campsiandra comosa – Hoffman, B.: 1319; Mori, S.: 24364
Campsiandra laurifolia – Clarke, H.D.: 279
Campsiandra sp. – Clarke, H.D.: 292, 363, 441, 2709; Mutchnick, P.: 420
Cassia cowanii – Clarke, H.D.: 2620; Mori, S.: 24609
Chamaecrista adiantifolia – Clarke, H.D.: 537
Chamaecrista apoucouita – Hoffman, B.: 4519; Mutchnick, P.: 395
Chamaecrista diphylla – Clarke, H.D.: 1587b
Chamaecrista hispidula – Clarke, H.D.: 1582; McDowell, T.: 1997
Chamaecrista nictitans – Clarke, H.D.: 502, 1413; Ehringhaus, C.: 101
Copaifera sp. – Clarke, H.D.: 350; Hoffman, B.: 1561
Crudia glaberrima – Mutchnick, P.: 861
Crudia sp. – Clarke, H.D.: 303
Cynometra bauhiniifolia – Mutchnick, P.: 757, 838
Cynometra sp. – Clarke, H.D.: 299, 345
Dialium guianense – Clarke, H.D.: 455; Mutchnick, P.: 442
Dicorynia guianensis – Clarke, H.D.: 1358; Hoffman, B.: 1366; Mori, S.: 24350
Dimorphandra macrostachya – Mori, S.: 24485
Elizabetha coccinea – Clarke, H.D.: 168, 1327; Hoffman, B.: 1317; Mori, S.: 24362; Mutchnick, P.: 650, 758
Elizabetha princeps – Clarke, H.D.: 4202; Hoffman, B.: 4877
Elizabetha sp. – Mutchnick, P.: 563, 672
Eperua falcata – Clarke, H.D.: 255, 680, 2613, 2719, 4084, 4211; Hoffman, B.: 4599, 4788; McDowell, T.: 2061; Mutchnick, P.: 438, 753
Eperua jenmanii – Mutchnick, P.: 760
Eperua rubiginosa – Clarke, H.D.: 191; Mutchnick, P.: 674
Eperua schomburgkiana – Clarke, H.D.: 1353, 2743; McDowell, T.: 3335; Mutchnick, P.: 446, 675, 728
Eperua sp. – Clarke, H.D.: 393, 442, 450; Mutchnick, P.: 536, 676, 684, 726
Heterostemon ellipticum – Mutchnick, P.: 520
Macrolobium acaciifolium – Clarke, H.D.: 457, 1373, 2704; Hoffman, B.: 1363, 1513; McDowell, T.: 1964, 3287; Mutchnick, P.: 460, 554, 831
Macrolobium bifolium – Clarke, H.D.: 440; McDowell, T.: 3255; Mutchnick, P.: 409
Martiodendron excelsum – Mutchnick, P.: 543, 645, 834
Martiodendron sp. – Clarke, H.D.: 685
Mora excelsa – Hoffman, B.: 4595, 4989; Mori, S.: 24377; Mutchnick, P.: 791

- Paloue guianensis* – Hoffman, B.: 1454
Peltogyne venosa – Clarke, H.D.: 281, 468; Mutchnick, P.: 400, 403
Senna latifolia – Acevedo-Rdgz., P.: 3402; Clarke, H.D.: 4236
Senna quinquangulata – Clarke, H.D.: 433, 511, 639; Mutchnick, P.: 489
Senna reticulata – Mutchnick, P.: 713
Senna undulata – Mutchnick, P.: 908
Swartzia benthamiana – Clarke, H.D.: 2616; Hoffman, B.: 4522, 4531, 4537, 4947, 4951, 4966; Mori, S.: 24505
Swartzia laevis – Clarke, H.D.: 2646
Swartzia lamellata – Acevedo-Rdgz., P.: 3433, 3437
Swartzia recurva – Mutchnick, P.: 724
Swartzia tillettii – Clarke, H.D.: 2564, 2595
Swartzia sp. – Acevedo-Rdgz., P.: 3434; Clarke, H.D.: 540, 2603, 2623; Hoffman, B.: 4576, 4641, 4789, 4883, 4884, 4896, 5056, 5057; Mutchnick, P.: 494, 540
Tachigali guianensis – Hoffman, B.: 4625
Tachigali sp. – Clarke, H.D.: 277, 1364; Mutchnick, P.: 509, 856
- Fabaceae-Mimos.**
Abarema jupunba – Clarke, H.D.: 2541; McDowell, T.: 2059; Mutchnick, P.: 739
Abarema mataybifolia – Clarke, H.D.: 2681, 2720
Acacia tenuifolia – Clarke, H.D.: 432
Albizia subdimidiata – Mutchnick, P.: 634, 877
Balizia pedicellaris – McDowell, T.: 2070
Cedrelinga cateniformis – Hoffman, B.: 4548
Hydrochorea corymbosa – Clarke, H.D.: 686; McDowell, T.: 1971; Mutchnick, P.: 885
Inga alata – McDowell, T.: 2080
Inga auristellae – Clarke, H.D.: 4334
Inga capitata – Clarke, H.D.: 4305
Inga disticha – Clarke, H.D.: 261, 2699; Hoffman, B.: 1369; McDowell, T.: 3268, 3328
Inga leiocalycina – Clarke, H.D.: 4304
Inga marginata – Hoffman, B.: 4624
Inga nobilis – Clarke, H.D.: 462; Mutchnick, P.: 388, 429, 541
Inga pezizifera – Acevedo-Rdgz., P.: 3450; Clarke, H.D.: 4296
Inga rubiginosa – Clarke, H.D.: 210
Inga sertulifera – Clarke, H.D.: 290; Mutchnick, P.: 804
Inga thibaudiana – Acevedo-Rdgz., P.: 3366; Clarke, H.D.: 1279, 1342
Inga umbellifera – Hoffman, B.: 4521
Macrosamanea pubiramea – Clarke, H.D.: 1524; Mutchnick, P.: 428
Mimosa myriadenia – Acevedo-Rdgz., P.: 3391; Clarke, H.D.: 445, 1401, 1414; Mori, S.: 24461; Mutchnick, P.: 516
Mimosa pellita – Clarke, H.D.: 689, 1375; Hoffman, B.: 1276; Mutchnick, P.: 470
Mimosa pigra – Mutchnick, P.: 891
Mimosa pudica – Clarke, H.D.: 665; Hoffman, B.: 1350; Mutchnick, P.: 910
Pentaclethra macroloba – Clarke, H.D.: 166, 453, 2735; Hoffman, B.: 1349, 4585; McDowell, T.: 3289; Mori, S.: 24366; Mutchnick, P.: 401
Zygia cataractae – Clarke, H.D.: 265, 297, 1367; Hoffman, B.: 1285, 1359, 1511
Zygia latifolia – Clarke, H.D.: 1527, 2738; Mori, S.: 24348; Mutchnick, P.: 398
Zygia sp. – Clarke, H.D.: 1449
- Fabaceae-Papil.**
Acosmium nitens – Clarke, H.D.: 379, 1379; McDowell, T.: 1987; Mutchnick, P.: 547, 888
Aeschynomene rudis – Mutchnick, P.: 837
Aeschynomene sensitiva – Mutchnick, P.: 598
Aeschynomene sp. – Clarke, H.D.: 569, 1389, 1399
Alexa imperatricis – Clarke, H.D.: 1305
Alexa sp. – Clarke, H.D.: 287
Centrosema vexillatum – Ehringhaus, C.: 59
Centrosema sp. – McDowell, T.: 1982
Clathrotropis brachypetala – Acevedo-Rdgz., P.: 3328; Hoffman, B.: 4771; Mutchnick, P.: 743
Clathrotropis glaucophylla – Hoffman, B.: 4596
Clathrotropis macrocarpa – Clarke, H.D.: 4086; Hoffman, B.: 4635, 4852; Mori, S.: 24476, 24491
Clathrotropis sp. – Hoffman, B.: 4563, 4845
Dalbergia monetaria – McDowell, T.: 3330; Mutchnick, P.: 718
Dalbergia riedelii – Clarke, H.D.: 456; Mori, S.: 24372; Mutchnick, P.: 482
Dalbergia sp. – Clarke, H.D.: 1392, 1536
Desmodium adscendens – Clarke, H.D.: 1577; McDowell, T.: 3364
Desmodium axillare – Hoffman, B.: 1527
Desmodium sp. – Clarke, H.D.: 497
Dioclea guianensis – Acevedo-Rdgz., P.: 3313, 3388
Dioclea macrantha – Hoffman, B.: 1272
Dioclea megacarpa – Clarke, H.D.: 4216
Dioclea scabra – Mutchnick, P.: 416
Dioclea virgata – Hoffman, B.: 1271b
Dioclea sp. – Clarke, H.D.: 343, 603, 1523, 2750; Mutchnick, P.: 914
Eriosema simplicifolium – Ehringhaus, C.: 76
Eriosema sp. – Clarke, H.D.: 571
Etaballia dubia – Clarke, H.D.: 1332, 1521; Hoffman, B.: 1291; Mutchnick, P.: 412
Galactia sp. – Clarke, H.D.: 1580; Hoffman, B.: 1519
Hymenolobium sp. – Hoffman, B.: 4552
Lonchocarpus sp. – Clarke, H.D.: 687, 2694; Mutchnick, P.: 548, 649
Machaerium ferox – Clarke, H.D.: 1351; Mutchnick, P.: 542, 697
Machaerium floribundum – Clarke, H.D.: 451; Mutchnick, P.: 567, 868
Machaerium inundatum – Hoffman, B.: 1357, 1560; McDowell, T.: 3281; Mutchnick, P.: 647, 720, 755
Machaerium kegelii – Mutchnick, P.: 911
Machaerium leiophyllum – Clarke, H.D.: 1533; Mutchnick, P.: 535
Machaerium quinata – Hoffman, B.: 5037; Mutchnick, P.: 463
Machaerium sp. – Clarke, H.D.: 340, 1349, 2753
Macroptilium gracile – McDowell, T.: 1946
Mucuna urens – Clarke, H.D.: 4351
Mucuna sp. – Clarke, H.D.: 1551
Ormosia coarctata – Hoffman, B.: 1364; Mutchnick, P.: 437

- Ormosia coccinea* – Clarke, H.D.: 278, 352, 447
Ormosia coutinhoi – Clarke, H.D.: 523
Ormosia fastigiata – McDowell, T.: 2034
Ormosia sp. – Clarke, H.D.: 2754
Paramachaerium schomburgkii – Clarke, H.D.: 1368; Mutchnick, P.: 832
Vigna lasiocarpa – McDowell, T.: 1981, 2012
Vigna repens – McDowell, T.: 2039
Vigna sp. – Clarke, H.D.: 344, 1356; Mutchnick, P.: 418
Zornia sp. – Clarke, H.D.: 1587
- Flacourtiaceae**
Casearia commersoniana – Hoffman, B.: 1541
Casearia singularis – Hoffman, B.: 4898
Casearia sylvestris – Clarke, H.D.: 2651
Homalium guianense – Mutchnick, P.: 427
Homalium racemosum – Clarke, H.D.: 1520; Mutchnick, P.: 529
Neosprucea sp. – McDowell, T.: 2103
- Gentianaceae**
Coutoubea ramosa – Clarke, H.D.: 499; Ehringhaus, C.: 97; Hoffman, B.: 1271a ; Mori, S.: 24349; Mutchnick, P.: 704, 899
Iribachia alata – Acevedo-Rdgz., P.: 3350; Clarke, H.D.: 505; Ehringhaus, C.: 107; Mori, S.: 24436; Mutchnick, P.: 593
Iribachia caerulea – McDowell, T.: 2051
Iribachia purpurascens – Clarke, H.D.: 653, 2555; Hoffman, B.: 1440
Voyria aphylla – Clarke, H.D.: 530, 2673; Ehringhaus, C.: 130; Mori, S.: 24386, 24518
Voyria caerulea – Clarke, H.D.: 326
Voyria corymbosa – Clarke, H.D.: 154, 256, 520, 2621; Ehringhaus, C.: 128; McDowell, T.: 3305a ; Mori, S.: 24446; Mutchnick, P.: 617
Voyria rosea – Clarke, H.D.: 2622
Voyriella parviflora – Clarke, H.D.: 338
- Gesneriaceae**
Besleria flavo-virens – Clarke, H.D.: 4143
Besleria laxiflora – Clarke, H.D.: 615, 2525, 4258
Chrysothemis rupestris – Hoffman, B.: 1395
Codonanthe calcarata – Clarke, H.D.: 319, 444, 599, 645, 1495, 1515, 2596, 2633, 4213; Mutchnick, P.: 405, 544, 792
Codonanthe crassifolia – Clarke, H.D.: 250, 443, 1322
Episcia xantha – Clarke, H.D.: 4214, 4260; Mori, S.: 24647
Nautilocalyx cordatus – Clarke, H.D.: 1439, 4112
Paradrymonia densa – Clarke, H.D.: 638, 2520
Paradrymonia maculata – Clarke, H.D.: 4181
- Gleicheniaceae**
Dicranopteris flexuosa – Mori, S.: 24430
- Gnetaceae**
Gnetum nodiflorum – Mutchnick, P.: 828
Gnetum paniculatum – Hoffman, B.: 4643; Mutchnick, P.: 533
Gnetum urens – Mori, S.: 24500
Gnetum sp. – McDowell, T.: 2045
- Grammitidaceae**
Cochlidium furcatum – Clarke, H.D.: 2536; Mori, S.: 24544
Cochlidium linearifolium – Clarke, H.D.: 4106
Cochlidium serrulatum – Clarke, H.D.: 4287
- Haemodoraceae**
Xiphidium caeruleum – Hoffman, B.: 1573; McDowell, T.: 3355
- Heliconiaceae**
Heliconia acuminata – Clarke, H.D.: 180, 322, 1296, 1500, 2483, 4224; McDowell, T.: 3379; Mutchnick, P.: 584, 733
Heliconia bihai – Clarke, H.D.: 4149; Hoffman, B.: 1550
Heliconia chartacea – Clarke, H.D.: 474, 1594, 4345; Hoffman, B.: 1493, 1549; McDowell, T.: 1884
Heliconia hirsuta – Acevedo-Rdgz., P.: 3337; McDowell, T.: 1954
Heliconia lourteigiae – Mori, S.: 24633
Heliconia psittacorum – Acevedo-Rdgz., P.: 3372
Heliconia spathocircinata – Acevedo-Rdgz., P.: 3325
- Hippocrateaceae**
Hippocratea volubilis – Clarke, H.D.: 260, 298, 449, 2698; Hoffman, B.: 1266, 1354; McDowell, T.: 3262, 3331, 3332; Mutchnick, P.: 510, 875
Peritassa compta – Clarke, H.D.: 482, 1357; Mutchnick, P.: 539, 801
Peritassa laevigata – Hoffman, B.: 1352
Peritassa sp. – Clarke, H.D.: 1488
Prionostemma aspera – Clarke, H.D.: 1603
Salacia elliptica – Mutchnick, P.: 876
Salacia impressifolia – Mori, S.: 24390
Salacia juruana – Clarke, H.D.: 1306, 4091
Salacia maburensis – Clarke, H.D.: 320, 1443; Mutchnick, P.: 969
Salacia multiflora – Mori, S.: 24614
Tontelea ovalifolia – Clarke, H.D.: 514
- Humiriaceae**
Humiria balsamifera – Clarke, H.D.: 226, 656, 2654
Schistostemon dichotomum – Hoffman, B.: 4564
Vantanea guianensis – Hoffman, B.: 1447
- Hymenophyllaceae**
Hymenophyllum polyanthos – Clarke, H.D.: 2586
Trichomanes ankersii – Clarke, H.D.: 4157; Mori, S.: 24399, 24417
Trichomanes arbuscula – Clarke, H.D.: 535; Mori, S.: 24405; Mutchnick, P.: 603
Trichomanes crispum – Mori, S.: 24416
Trichomanes diaphanum – Mori, S.: 24626
Trichomanes diversifrons – Clarke, H.D.: 4118
Trichomanes martiusii – Mutchnick, P.: 618
Trichomanes pedicellatum – Clarke, H.D.: 2726, 4101; Mori, S.: 24528
Trichomanes pinnatum – Clarke, H.D.: 675, 1571, 2499, 2572; Mori, S.: 24397, 24403
Trichomanes trollii – Clarke, H.D.: 652, 2570
- Icacinaeae**
Emmotum fagifolium – Clarke, H.D.: 668
- Lacistemataceae**
Lacistema aggregatum – Clarke, H.D.: 585; Hoffman, B.: 4543, 4843
Lacistema sp. – McDowell, T.: 2050

Lamiaceae

- Hyptis lanceolata* – Clarke, H.D.: 510
Hyptis parkeri – McDowell, T.: 3349
Ocimum campechianum – McDowell, T.: 2030

Lauraceae

- Aiouea guianensis* – Chanderbali, A.: 176, 260
Aiouea laevis – Clarke, H.D.: 2650
Aniba citrifolia – McDowell, T.: 2074, 2086
Aniba excelsa – Chanderbali, A.: 145, 156
Aniba hostmanniana – Clarke, H.D.: 2477
Aniba hypoglauca – Chanderbali, A.: 165
Aniba megaphylla – Hoffman, B.: 4627
Aniba panurensis – Chanderbali, A.: 180, 248, 266;
 Clarke, H.D.: 4309
Cassytha filiformis – Clarke, H.D.: 703; McDowell, T.:
 1950
Chlorocardium rodiei – Chanderbali, A.: 142; Clarke,
 H.D.: 188, 538, 1303; Hoffman, B.: 4580; Mori,
 S.: 24487; Mutchnick, P.: 732
Endlicheria chalisea – Chanderbali, A.: 141, 159;
 Clarke, H.D.: 1465
Endlicheria multiflora – Chanderbali, A.: 147, 151, 152,
 153, 269; Hoffman, B.: 1358; Mutchnick, P.: 687
Endlicheria sp. – Acevedo-Rdgz., P.: 3432
Licaria cannella – Chanderbali, A.: 174, 178, 261;
 Clarke, H.D.: 2642
Licaria debilis – Chanderbali, A.: 272; Clarke, H.D.:
 4314
Licaria guianensis – Clarke, H.D.: 2579
Licaria martiniana – Chanderbali, A.: 163
Licaria sp. – McDowell, T.: 2014
Mezilaureus itauba – Chanderbali, A.: 173
Nectandra amazonum – Chanderbali, A.: 148, 150, 161;
 Clarke, H.D.: 270, 1546, 2695; Hoffman, B.: 1390,
 1484; McDowell, T.: 3263; Mutchnick, P.: 532, 643
Nectandra globosa – Chanderbali, A.: 143, 253; Clarke,
 H.D.: 483
Ocotea canaliculata – Chanderbali, A.: 157
Ocotea ceanothifolia – Chanderbali, A.: 154, 158, 168
Ocotea cernua – Chanderbali, A.: 250
Ocotea guianensis – Clarke, H.D.: 2684
Ocotea nigra – Chanderbali, A.: 146, 162, 251, 268
Ocotea persulcata – Chanderbali, A.: 181
Ocotea schomburgkiana – Chanderbali, A.: 166, 167,
 175, 259
Ocotea splendens – Chanderbali, A.: 179
Ocotea sp. – Clarke, H.D.: 4150; Mutchnick, P.: 965
Rhodostemonodaphne crenaticupula – Chanderbali, A.: 160
Rhodostemonodaphne kunthiana – Chanderbali, A.: 171,
 172, 257; Clarke, H.D.: 4277
Rhodostemonodaphne morii – Clarke, H.D.: 2689
Rhodostemonodaphne praeclara – Chanderbali, A.: 144,
 177
Rhodostemonodaphne scandens – Clarke, H.D.: 647b ,
 2527, 4113; Mori, S.: 24529; Mutchnick, P.: 945

Lecythidaceae

- Couratari stellata* – Hoffman, B.: 4575
Eschweilera coriacea – Clarke, H.D.: 2600, 2734, 4209,
 4291
Eschweilera decolorans – Clarke, H.D.: 2612; Mori, S.:
 24494
Eschweilera pedicellata – Clarke, H.D.: 230, 1573;

- Hoffman, B.: 4517, 4850, 4933, 5018, 5032; Mori,
 S.: 24381, 24516; Mutchnick, P.: 422
Eschweilera sagotiana – Clarke, H.D.: 186, 572, 1299;
 Mori, S.: 24493
Eschweilera simiorum – Clarke, H.D.: 4333
Eschweilera subglandulosa – Acevedo-Rdgz., P.: 3446;
 Clarke, H.D.: 190, 273, 391; Mori, S.: 24380;
 Mutchnick, P.: 679, 778
Eschweilera wachenheimii – Hoffman, B.: 4601; Mori,
 S.: 24444; Mutchnick, P.: 399, 419, 931
Eschweilera sp. A – Hoffman, B.: 5035
Eschweilera sp. C – Hoffman, B.: 4565
Eschweilera sp. – Hoffman, B.: 4892, 4993; Mutchnick,
 P.: 678
Gustavia augusta – Acevedo-Rdgz., P.: 3413; Clarke,
 H.D.: 1557; Hoffman, B.: 1284; McDowell, T.:
 1893, 1900; Mutchnick, P.: 537, 759
Gustavia hexapetala – Mori, S.: 24365
Lecythis alutacea – Mori, S.: 24622; Mutchnick, P.: 555
Lecythis confertiflora – Clarke, H.D.: 2471, 4087, 4088
Lecythis corrugata – Acevedo-Rdgz., P.: 3438; Mori,
 S.: 24379; Mutchnick, P.: 799
Lecythis holcogyne – Clarke, H.D.: 1459; Mori, S.: 24382

Lentibulariaceae

- Utricularia foliosa* – Acevedo-Rdgz., P.: 3408
Utricularia juncea – Clarke, H.D.: 673
Utricularia pusilla – McDowell, T.: 3296; Mori, S.:
 24438
Utricularia sp. – Hoffman, B.: 1443

Liliaceae-Amaryll.

- Hymenocallis tubiflora* – Hoffman, B.: 1529; Mori, S.:
 24384

Liliaceae-Hypox.

- Curculigo scorzonrifolia* – McDowell, T.: 1949

Lissocarpaceae

- Lissocarpa guianensis* – Clarke, H.D.: 252

Loganiaceae

- Spigelia multispica* – Clarke, H.D.: 2487
Spigelia multispica – Clarke, H.D.: 608, 4246; Mori,
 S.: 24552
Strychnos cogens – Clarke, H.D.: 578; Hoffman, B.:
 4867; Mori, S.: 24607; Mutchnick, P.: 468, 870
Strychnos guianensis – Hoffman, B.: 4813
Strychnos peckii – Mutchnick, P.: 863

Lomariopsidaceae

- Bolbitis semipinnatifida* – Clarke, H.D.: 4146, 4244,
 4259; Mori, S.: 24553; Mutchnick, P.: 967
Lomariopsis japurensis – Clarke, H.D.: 4341

Loranthaceae

- Oryctanthus alveolatus* – Clarke, H.D.: 311
Oryctanthus florulentus – Hoffman, B.: 1378;
 Mutchnick, P.: 629, 658, 833
Phthirusa rufa – Clarke, H.D.: 243
Phthirusa stelis – McDowell, T.: 2083; Mutchnick, P.:
 894
Phthirusa sp. – Clarke, H.D.: 1519

Lycopodiaceae

- Lycopodiella caroliniana* – Clarke, H.D.: 2660
Lycopodiella cernua – Clarke, H.D.: 558, 2665

Lygodiaceae*Lygodium micans* – Acevedo-Rdgz., P.: 3383*Lygodium volubile* – Ehringhaus, C.: 72**Lythraceae***Cuphea antisyphilitica* – Clarke, H.D.: 695**Malpighiaceae***Banisteriopsis martiniana* – Clarke, H.D.: 655; Ehringhaus, C.: 98*Bunchosia argentea* – Hoffman, B.: 4533*Byrsonima aerugo* – Clarke, H.D.: 1403; Mori, S.: 24462*Byrsonima crassifolia* – Clarke, H.D.: 570; Ehringhaus, C.: 77; Mutchnick, P.: 880*Byrsonima eugenifolia* – Clarke, H.D.: 2667*Byrsonima stipulacea* – Hoffman, B.: 1424; Mori, S.: 24601, 24623*Heteropterys cristata* – Mutchnick, P.: 406*Heteropterys multiflora* – Clarke, H.D.: 1387*Heteropterys nervosa* – Clarke, H.D.: 553*Heteropterys velutina* – Clarke, H.D.: 1541*Heteropterys* sp. – Mutchnick, P.: 811*Hiraea faginea* – Clarke, H.D.: 289, 305, 1325, 2701; Hoffman, B.: 1288; Mutchnick, P.: 648, 695*Hiraea gracieana* – Clarke, H.D.: 660*Mascagnia sepium* – Mutchnick, P.: 513*Spachea elegans* – Mutchnick, P.: 825*Stigmaphyllon sinuatum* – Acevedo-Rdgz., P.: 3309; Clarke, H.D.: 335, 405, 506, 1565; Ehringhaus, C.: 90; Hoffman, B.: 1446; Mori, S.: 24450; Mutchnick, P.: 585, 680, 912*Tetrapterys crispa* – McDowell, T.: 2101*Tetrapterys discolor* – Acevedo-Rdgz., P.: 3311; Clarke, H.D.: 461, 1529; McDowell, T.: 1886; Mutchnick, P.: 467, 517*Tetrapterys fimbripetala* – Mori, S.: 24488*Tetrapterys mucronata* – Clarke, H.D.: 2731; Mutchnick, P.: 631, 632, 664, 715*Tetrapterys styloptera* – McDowell, T.: 3376**Malvaceae***Hibiscus bifurcatus* – Clarke, H.D.: 459; Mutchnick, P.: 614*Hibiscus furcellatus* – Acevedo-Rdgz., P.: 3406*Hibiscus sororius* – Mutchnick, P.: 552*Pavonia castanaefolia* – McDowell, T.: 1890*Peltaea trinervis* – McDowell, T.: 3272*Sida cordifolia* – Clarke, H.D.: 1588*Sida glomerata* – McDowell, T.: 3288*Urena lobata* – McDowell, T.: 1945, 3274*Wissadula patens* – McDowell, T.: 1895**Marantaceae***Calathea elliptica* – Acevedo-Rdgz., P.: 3368; Clarke, H.D.: 1507, 1561, 4226; Ehringhaus, C.: 68; Hoffman, B.: 1411; Mori, S.: 24634*Calathea legrelleana* – McDowell, T.: 3373*Calathea lutea* – Acevedo-Rdgz., P.: 3359*Ischnosiphon arouma* – Clarke, H.D.: 4323; Hoffman, B.: 1373*Ischnosiphon foliosus* – Clarke, H.D.: 515, 643, 1423; Ehringhaus, C.: 117; Mori, S.: 24495*Ischnosiphon gracilis* – Mori, S.: 24638*Ischnosiphon obliquus* – Clarke, H.D.: 657; Hoffman, B.: 1540, 4528; Mori, S.: 24464*Ischnosiphon puberulus* – Mori, S.: 24463*Maranta gibba* – McDowell, T.: 1892*Maranta protracta* – Acevedo-Rdgz., P.: 3371; Hoffman, B.: 1539*Monotagma spicatum* – Clarke, H.D.: 368, 1295; Hoffman, B.: 1410; McDowell, T.: 3303; Mori, S.: 24496; Mutchnick, P.: 604, 605**Marattiaceae***Danaea elliptica* – Clarke, H.D.: 4148*Danaea simplicifolia* – Clarke, H.D.: 4187**Marcgraviaceae***Marcgravia parviflora* – Clarke, H.D.: 4119, 4275; Mori, S.: 24536, 24645*Norantea guianensis* – Mutchnick, P.: 748*Souroubea guianensis* – Clarke, H.D.: 448, 4301; Mutchnick, P.: 396**Melastomataceae***Aciotis laxa* – Hoffman, B.: 1457; McDowell, T.: 3318*Aciotis purpurascens* – Acevedo-Rdgz., P.: 3380; Ehringhaus, C.: 95; Hoffman, B.: 1344; Mutchnick, P.: 572*Bellucia grossularioides* – Hoffman, B.: 1542; Mutchnick, P.: 594*Bellucia pentamera* – Mutchnick, P.: 511*Clidemia conglomerata* – Mori, S.: 24392*Clidemia hirta* – McDowell, T.: 1951, 3314*Clidemia sericea* – McDowell, T.: 2031*Comolia vernicosa* – Hoffman, B.: 1427*Comolia villosa* – Hoffman, B.: 1437*Henriettea multiflora* – Mutchnick, P.: 919*Henriettea stellaris* – Mutchnick, P.: 423*Leandra solenifera* – Hoffman, B.: 1497*Macrocentrum cristatum* – Hoffman, B.: 1456; Mutchnick, P.: 955*Maieta poeppigii* – Ehringhaus, C.: 138; McDowell, T.: 3304; Mutchnick, P.: 620*Miconia alata* – McDowell, T.: 1938*Miconia aplostachya* – Hoffman, B.: 1501; McDowell, T.: 1968a*Miconia argyrophylla* – Acevedo-Rdgz., P.: 3376*Miconia bracteata* – McDowell, T.: 3294*Miconia ceramicarpa* – Mutchnick, P.: 474, 978*Miconia chrysophylla* – Hoffman, B.: 5031*Miconia ciliata* – Hoffman, B.: 1557; McDowell, T.: 2033*Miconia fallax* – Hoffman, B.: 1556*Miconia gratissima* – Hoffman, B.: 1423*Miconia macrothyrsa* – McDowell, T.: 1942; Mutchnick, P.: 902*Miconia mariae* – Mutchnick, P.: 975*Miconia myriantha* – Hoffman, B.: 1422*Miconia prasina* – Hoffman, B.: 1554*Miconia rufescens* – Ehringhaus, C.: 80; Hoffman, B.: 1555*Mouriri grandiflora* – Hoffman, B.: 1381*Myriaspora egensis* – Acevedo-Rdgz., P.: 3379; Hoffman, B.: 1524*Tibouchina aspera* – Ehringhaus, C.: 78; Mutchnick, P.: 905*Tococa aristata* – Ehringhaus, C.: 100, 135; McDowell, T.: 3308

- Tococa nitens* – Hoffman, B.: 1428
Tococa subciliata – Hoffman, B.: 1353
- Meliaceae**
Carapa guianensis – Acevedo-Rdgz., P.: 3431; Clarke, H.D.: 365, 1304; Hoffman, B.: 4593, 4882; Mutchnick, P.: 383, 843
Guarea guidonia – Hoffman, B.: 1526
Guarea kunthiana – Hoffman, B.: 4946
Guarea pubescens – Clarke, H.D.: 606, 1460, 2594; Mori, S.: 24527; Mutchnick, P.: 946
Trichilia cipo – Mutchnick, P.: 780, 817
Trichilia martiana – Hoffman, B.: 4567, 4967
Trichilia pallida – Ehringhaus, C.: 55; Hoffman, B.: 1572, 4509
Trichilia quadrijuga – Hoffman, B.: 5045
Trichilia schomburgkii – Acevedo-Rdgz., P.: 3298; Clarke, H.D.: 2589, 2647, 4219, 4328; Hoffman, B.: 4948
Trichilia sp. – Clarke, H.D.: 2605
- Mendonciaceae**
Mendoncia hoffmannseggiana – McDowell, T.: 2085; Mori, S.: 24583, 24584
Mendoncia squamuligera – Mori, S.: 24443
- Menispermaceae**
Abuta sp. – Clarke, H.D.: 4208
Cissampelos andromorpha – Hoffman, B.: 1547
Curarea candicans – Clarke, H.D.: 2723; Hoffman, B.: 4616
Orthomene schomburgkii – Clarke, H.D.: 170, 2702; Hoffman, B.: 1387; McDowell, T.: 3337
Sciadotenia cayennensis – Mutchnick, P.: 574
- Metaxyaceae**
Metaxya rostrata – Clarke, H.D.: 374; Ehringhaus, C.: 125; Hoffman, B.: 1455; McDowell, T.: 3322; Mori, S.: 24415; Mutchnick, P.: 486, 789, 925
- Monimiaceae**
Mollinedia grazielae – Clarke, H.D.: 582, 2583, 2645; Hoffman, B.: 4868; Mori, S.: 24587, 24603; Mutchnick, P.: 476
Mollinedia laurina – Clarke, H.D.: 2544
Siparuna cuspidata – Clarke, H.D.: 318; Mori, S.: 24563
Siparuna decipiens – Clarke, H.D.: 372, 1291, 1461, 2727, 4346; Hoffman, B.: 4931; Mori, S.: 24508
Siparuna guianensis – Acevedo-Rdgz., P.: 3338, 3396; Clarke, H.D.: 179, 212, 409, 548, 1595; Hoffman, B.: 1326, 1536; McDowell, T.: 3358; Mori, S.: 24468
- Moraceae**
Brosimum guianense – Mutchnick, P.: 797
Brosimum lactescens – Clarke, H.D.: 307
Brosimum utile – Mori, S.: 24620
Clarisia ilicifolia – Clarke, H.D.: 165
Ficus malaccarpa – McDowell, T.: 3252
Ficus maxima – Clarke, H.D.: 610
Ficus paraensis – Clarke, H.D.: 683, 1550; Mutchnick, P.: 390, 462
Ficus trigona – McDowell, T.: 2089; Mutchnick, P.: 663
Helicostylis tomentosa – Mori, S.: 24652
Pseudolmedia laevis – Hoffman, B.: 4909
Sorocea pubivena – Hoffman, B.: 1545
- Myristicaceae**
Iryanthera juruensis – Mutchnick, P.: 932
Iryanthera lancifolia – Clarke, H.D.: 4177; Mori, S.: 24483
Iryanthera macrophylla – Clarke, H.D.: 2615
Iryanthera paraensis – Mutchnick, P.: 749
Virola surinamensis – Acevedo-Rdgz., P.: 3424; Clarke, H.D.: 1562; Hoffman, B.: 4634
- Myrsinaceae**
Ardisia guianensis – Clarke, H.D.: 4254; Hoffman, B.: 1277, 1289
Cybianthus fulvopulverulentus – Clarke, H.D.: 221, 2662; Hoffman, B.: 4637
Cybianthus microbotrys – Clarke, H.D.: 4154; Mori, S.: 24526; Mutchnick, P.: 938, 970
Stylogyne orinocensis – Clarke, H.D.: 611
Stylogyne sp. – Mutchnick, P.: 756
- Myrtaceae**
Calycorectes bergii – Clarke, H.D.: 4121
Calyptranthes pullei – Hoffman, B.: 1306; Mutchnick, P.: 564
Calyptranthes sp. – Hoffman, B.: 4901
Eugenia albicans – Mori, S.: 24535
Eugenia anastomosans – Clarke, H.D.: 2618
Eugenia arawakorum – Mutchnick, P.: 501
Eugenia biflora – McDowell, T.: 3261
Eugenia coffeifolia – Hoffman, B.: 4508, 5000
Eugenia cribrata – Clarke, H.D.: 1384
Eugenia cucullata – Clarke, H.D.: 172; Mori, S.: 24383
Eugenia egenensis – Hoffman, B.: 1356, 1360; Mutchnick, P.: 473
Eugenia florida – Clarke, H.D.: 267
Eugenia lambertiana – Clarke, H.D.: 308, 342, 1381; Hoffman, B.: 1398; Mutchnick, P.: 546
Eugenia latifolia – Clarke, H.D.: 4340; Mori, S.: 24447
Eugenia ligustrina – Acevedo-Rdgz., P.: 3301
Eugenia luciae – Acevedo-Rdgz., P.: 3435
Eugenia mimus – Clarke, H.D.: 2575; Mutchnick, P.: 944
Eugenia patrisii – Acevedo-Rdgz., P.: 3416
Eugenia tafelbergica – Hoffman, B.: 1525
Eugenia tapacumensis – Clarke, H.D.: 377
Eugenia trinervia – Hoffman, B.: 4500
Eugenia sp. – Ehringhaus, C.: 67; Hoffman, B.: 4523, 4908, 5015
Myrcia calycampa – Acevedo-Rdgz., P.: 3407; Clarke, H.D.: 2761; Ehringhaus, C.: 70; Hoffman, B.: 1318, 1498
Myrcia decorticans – Clarke, H.D.: 1390
Myrcia guianensis – Hoffman, B.: 4573; McDowell, T.: 2022, 3280
Myrcia inaequiloba – Clarke, H.D.: 1537; Mutchnick, P.: 633
Myrcia pyrifolia – Mutchnick, P.: 761, 858
Myrcia quitarensis – Clarke, H.D.: 692, 1388
Myrcia subobliqua – Clarke, H.D.: 476, 597, 1323, 1482; Hoffman, B.: 1282, 1311, 1380, 1416, 1533, 1576, 4620; McDowell, T.: 1941; Mori, S.: 24358; Mutchnick, P.: 771
Myrcia sylvatica – Clarke, H.D.: 534, 669, 2659; McDowell, T.: 3257
Myrcia sp. – Hoffman, B.: 4530

- Myrciaria dubia* – Clarke, H.D.: 1485
Myrciaria floribunda – Clarke, H.D.: 1504
Myrciaria visneifolia – Clarke, H.D.: 479, 1324, 2745;
 Hoffman, B.: 1309; McDowell, T.: 3267;
 Mutchnick, P.: 682
Plinia pinnata – Clarke, H.D.: 1539
Psidium acutangulum – Clarke, H.D.: 284, 293, 295,
 478, 2707; Hoffman, B.: 1293; Mutchnick, P.: 464
Psidium guineense – McDowell, T.: 1952
Psidium personii – McDowell, T.: 3277
Psidium striatulum – Mutchnick, P.: 452
- Nyctaginaceae**
Neea floribunda – Hoffman, B.: 4914
- Nymphaeaceae**
Victoria amazonica – Mutchnick, P.: 545
- Ochnaceae**
Ouratea rupununiensis – Clarke, H.D.: 364; Hoffman,
 B.: 1304
Ouratea schomburgkii – Mutchnick, P.: 798
Ouratea superba – Hoffman, B.: 1512
Ouratea sp. – McDowell, T.: 1995
Sauvagesia erecta – Clarke, H.D.: 496; Ehringhaus, C.:
 108; Hoffman, B.: 1441; Mutchnick, P.: 450
Sauvagesia rubiginosa – Acevedo-Rdgz., P.: 3374
- Olaceaceae**
Dulacia guianensis – Mutchnick, P.: 864
Heisteria cauliflora – Clarke, H.D.: 159, 378, 677,
 1444, 2688, 2710; Hoffman, B.: 1278; McDowell,
 T.: 3368; Mori, S.: 24361; Mutchnick, P.: 389, 466
Heisteria densifrons – Hoffman, B.: 4549, 4570;
 McDowell, T.: 2088
- Oleandraceae**
Oleandra articulata – Clarke, H.D.: 2560
- Onagraceae**
Ludwigia erecta – Hoffman, B.: 1301
Ludwigia leptocarpa – Clarke, H.D.: 1354; Mutchnick,
 P.: 842
Ludwigia rigida – Clarke, H.D.: 1406
Ludwigia sericea – Mori, S.: 24458
- Orchidaceae**
Bifrenaria longicornis – Clarke, H.D.: 249
Bollea violacea – Clarke, H.D.: 2506, 4284, 4310
Brassavola martiana – Clarke, H.D.: 353, 359, 386,
 1366
Brassavola sp. – Clarke, H.D.: 2760
Brassia lawrenceana – Mutchnick, P.: 872
Campylocentrum fasciola – Clarke, H.D.: 1513
Campylocentrum micranthum – Clarke, H.D.: 1503
Cattleya violacea – Clarke, H.D.: 347, 351, 1365;
 Mutchnick, P.: 714, 719, 812
Caularthron bilamellatum – Clarke, H.D.: 384
Cheiradenia cuspidata – Clarke, H.D.: 642, 4155, 4240;
 Mori, S.: 24521
Cryptarrhena kegelii – Clarke, H.D.: 4175
Dichaea sp. – Clarke, H.D.: 2522, 4107, 4285;
 Ehringhaus, C.: 118, 132; Mutchnick, P.: 839
Dimerandra sp. – Clarke, H.D.: 354; Hoffman, B.:
 1505
Elleanthus caravata – Clarke, H.D.: 4104
Elleanthus sp. – Clarke, H.D.: 1440; Mutchnick, P.:
 949
- Encyclia granitica* – Mutchnick, P.: 826
Encyclia vespa – McDowell, T.: 3344; Mutchnick, P.: 560
Encyclia sp. – Clarke, H.D.: 356
Epidendrum flexuosum – Mutchnick, P.: 453
Epidendrum macrocarpum – Clarke, H.D.: 1545
Epidendrum nocturnum – Clarke, H.D.: 1525, 2549,
 2672, 2675, 2679
Epidendrum orchidiflorum – Clarke, H.D.: 246
Epidendrum purpurascens – Clarke, H.D.: 429
Epidendrum ramosum – Clarke, H.D.: 651, 4100
Epidendrum rigidum – Clarke, H.D.: 1362; Mutchnick,
 P.: 723
Epidendrum strobiliferum – Mutchnick, P.: 819
Habenaria leprieurii – Hoffman, B.: 1432
Lockhartia imbricata – McDowell, T.: 2094
Masdevallia minuta – Mori, S.: 24613
Maxillaria brachybulbon – Clarke, H.D.: 422b
Maxillaria camaridii – Hoffman, B.: 1323, 1504
Maxillaria crassifolia – Mori, S.: 24400
Maxillaria discolor – Mori, S.: 24624
Maxillaria parkeri – Clarke, H.D.: 1420
Maxillaria parviflora – Clarke, H.D.: 421
Maxillaria uncata – Clarke, H.D.: 422a ; McDowell,
 T.: 2095; Mutchnick, P.: 815
Maxillaria venezuelana – Clarke, H.D.: 2639
Maxillaria sp. – Acevedo-Rdgz., P.: 3453; Clarke,
 H.D.: 4105; Mori, S.: 24598
Octomeria sp. – Mutchnick, P.: 503
Orleansia amazonica – Clarke, H.D.: 360, 385, 395,
 1383
Palmorchis sp. – Clarke, H.D.: 4147, 4298, 4303; Mori,
 S.: 24387; Mutchnick, P.: 960, 981
Paphinia sp. – Ehringhaus, C.: 119
Pleurothallis lanceana – Mutchnick, P.: 606
Polystachya stenophylla – Clarke, H.D.: 2550, 2767
Quekettia microscopica – Hoffman, B.: 1467; Mutchnick,
 P.: 404
Quekettia sp. – Clarke, H.D.: 1514
Reichenbachanthus reflexus – Clarke, H.D.: 4102
Rodriguezia lanceolata – Clarke, H.D.: 1307, 1371;
 Mori, S.: 24388
Rudolphiella aurantiaca – Clarke, H.D.: 2637
Scaphyglottis sickii – Clarke, H.D.: 2676, 4097, 4312;
 Ehringhaus, C.: 131; Mori, S.: 24618
Scaphyglottis sp. – Clarke, H.D.: 415
Schomburgkia sp. – Mutchnick, P.: 722, 897
Stelis sp. – Clarke, H.D.: 589, 4204; Hoffman, B.:
 1507
Trigonidium obtusum – Mutchnick, P.: 921
Vanilla sp. – Clarke, H.D.: 1575
Wulfschlaegelia calcarata – Clarke, H.D.: 1432, 1454
Xerorchis trichorhiza – Clarke, H.D.: 4109
- Oxalidaceae**
Oxalis frutescens – Clarke, H.D.: 362, 684, 2759;
 Hoffman, B.: 1302; McDowell, T.: 3340;
 Mutchnick, P.: 638, 701
- Passifloraceae**
Passiflora amoena – Clarke, H.D.: 410, 602, 1282
Passiflora auriculata – Clarke, H.D.: 562
Passiflora capparidifolia – Clarke, H.D.: 259, 1359,
 1522; Hoffman, B.: 1483; McDowell, T.: 3283

- Passiflora cirrhiflora* – Clarke, H.D.: 4094
Passiflora coccinea – Clarke, H.D.: 257, 431, 4191; Ehringhaus, C.: 89; Hoffman, B.: 1345, 1394; McDowell, T.: 3357; Mutchnick, P.: 580, 954
Passiflora fuchsiiflora – Mutchnick, P.: 853
Passiflora glandulosa – Clarke, H.D.: 209, 518, 1281, 2543; Hoffman, B.: 1334, 1566; Mutchnick, P.: 577, 795
Passiflora laurifolia – Clarke, H.D.: 1598
Passiflora vespertilio – Clarke, H.D.: 1518; Ehringhaus, C.: 88; McDowell, T.: 3284
Passiflora sp. nov. – Hoffman, B.: 1530
- Phytolaccaceae**
Phytolacca rivinoides – Hoffman, B.: 1335
- Piperaceae**
Peperomia macrostachya – Acevedo-Rdgz., P.: 3415; Clarke, H.D.: 559, 595, 1346, 1494; Mori, S.: 24558; Mutchnick, P.: 385
Peperomia obtusifolia – Clarke, H.D.: 4136, 4176
Peperomia ouabianae – Clarke, H.D.: 4128, 4306
Peperomia quadrangularis – Acevedo-Rdgz., P.: 3305; McDowell, T.: 2096
Peperomia serpens – Clarke, H.D.: 4255; Mori, S.: 24643
Peperomia sp. – Clarke, H.D.: 1437
Piper aequale – McDowell, T.: 3315
Piper anonifolium – Clarke, H.D.: 598
Piper arboreum – Acevedo-Rdgz., P.: 3353; Clarke, H.D.: 2497, 2513; McDowell, T.: 3325; Mutchnick, P.: 478
Piper avellanum – Acevedo-Rdgz., P.: 3382; Clarke, H.D.: 541; Mutchnick, P.: 900
Piper bartlingianum – Clarke, H.D.: 316, 1289, 1314; Ehringhaus, C.: 52, 71; Hoffman, B.: 1415, 1489
Piper herbicense – Clarke, H.D.: 178, 434; McDowell, T.: 3309, 3313, 3324
Piper demeraranum – Clarke, H.D.: 1313, 4294
Piper dilatatum – McDowell, T.: 1888
Piper emarginata – McDowell, T.: 1903
Piper hispidum – Acevedo-Rdgz., P.: 3370; Clarke, H.D.: 4283
Piper hostmannianum – Clarke, H.D.: 232, 404; Hoffman, B.: 1535; McDowell, T.: 3323; Mutchnick, P.: 491
Piper insipiens – Clarke, H.D.: 2489, 4144, 4179
Piper obliquum – Clarke, H.D.: 4178
Piper trichoneuron – McDowell, T.: 2047
- Poaceae**
Arundinella hispida – Hoffman, B.: 1346
Axonopus longispicus – Mori, S.: 24352
Digitaria horizontalis – Mori, S.: 24357
Guadua sp. – Hoffman, B.: 1389
Ichnanthus leiocarpus – Clarke, H.D.: 4274
Ichnanthus nemoralis – Clarke, H.D.: 2470
Ichnanthus pallens – Acevedo-Rdgz., P.: 3420; Clarke, H.D.: 4249, 4276; McDowell, T.: 3348; Mori, S.: 24555
Ichnanthus panicoides – Clarke, H.D.: 1301
Ichnanthus tenuis – McDowell, T.: 3352
Lasiacis ligulata – McDowell, T.: 1889
Olyra latifolia – Acevedo-Rdgz., P.: 3322, 3333; Clarke, H.D.: 4349; Hoffman, B.: 1482, 1494, 1543; McDowell, T.: 3353
Olyra longifolia – Acevedo-Rdgz., P.: 3384; Clarke, H.D.: 1446; Ehringhaus, C.: 142; McDowell, T.: 1897; Mori, S.: 24360
Olyra micrantha – Clarke, H.D.: 317, 2490; McDowell, T.: 2105; Mutchnick, P.: 972
Orthoclada laxa – McDowell, T.: 3346
Panicum cyanescens – Hoffman, B.: 1438
Panicum hylaeicum – Hoffman, B.: 1275
Panicum laxum – Hoffman, B.: 1522; McDowell, T.: 1977
Panicum micranthum – McDowell, T.: 2018
Panicum parvifolium – McDowell, T.: 1956
Panicum pilosum – Clarke, H.D.: 543, 4245; Hoffman, B.: 1328, 1342; McDowell, T.: 1972; Mutchnick, P.: 681
Panicum polycomum – Hoffman, B.: 1439
Panicum rivale – Clarke, H.D.: 2552
Panicum rudgei – McDowell, T.: 2035
Panicum stoloniferum – Clarke, H.D.: 1475
Pariana radiceiflora – Hoffman, B.: 1393
Paspalum carinatum – Hoffman, B.: 1520
Paspalum conjugatum – McDowell, T.: 3360
Paspalum convexum – McDowell, T.: 1943
Paspalum melanospermum – Mori, S.: 24353; Mutchnick, P.: 879a
Paspalum pilosum – McDowell, T.: 3363
Paspalum plicatulum – Hoffman, B.: 1314
Paspalum virgatum – McDowell, T.: 3347
Raddiella esenbeckii – Hoffman, B.: 1433
Thrasya scandens – Clarke, H.D.: 2551
- Podostemaceae**
Marathrum sp. – Mutchnick, P.: 699
Mourera fluviatilis – Clarke, H.D.: 396, 471; Mutchnick, P.: 557, 558, 700
- Polygalaceae**
Moutabea guianensis – Acevedo-Rdgz., P.: 3398; Clarke, H.D.: 392; Hoffman, B.: 4560; McDowell, T.: 2081; Mori, S.: 24467
Polygala adenophora – Clarke, H.D.: 700; McDowell, T.: 1948
Polygala subtilis – McDowell, T.: 2052
Polygala timoutou – McDowell, T.: 2019
Securidaca marginata – Clarke, H.D.: 400, 2762; Mutchnick, P.: 809
Securidaca paniculata – Mutchnick, P.: 459
- Polygonaceae**
Coccoloba ascendens – Acevedo-Rdgz., P.: 3362; Clarke, H.D.: 663
Coccoloba densifrons – Clarke, H.D.: 1517; Hoffman, B.: 4539
Coccoloba gymnorrhachis – Clarke, H.D.: 4232
Coccoloba ovata – Clarke, H.D.: 398
Coccoloba padiformis – Clarke, H.D.: 469
Polygonum acuminatum – Hoffman, B.: 1516; Mutchnick, P.: 896
Symmeria paniculata – Clarke, H.D.: 1360, 1374, 1483; Hoffman, B.: 1292, 1362, 1515; McDowell, T.: 1992; Mutchnick, P.: 641, 895
- Polypodiaceae**
Campyloneurum phyllitidis – Clarke, H.D.: 4295; Mutchnick, P.: 806

- Campyloneurum repens* – Clarke, H.D.: 1486
Dicranoglossum desvauxii – Clarke, H.D.: 4092; Mori, S.: 24408
Microgramma fuscopunctata – Mori, S.: 24406; Mutchnick, P.: 619
Microgramma lycopodioides – Mutchnick, P.: 775
Microgramma persicariifolia – Acevedo-Rdgz., P.: 3385
Microgramma reptans – Clarke, H.D.: 1509, 4229, 4332; Mutchnick, P.: 788
Microgramma tecta – McDowell, T.: 2090
Microgramma thurnii – Clarke, H.D.: 183
Niphidium crassifolium – Clarke, H.D.: 604, 4205, 4252
Pecluma consimilis – Hoffman, B.: 1474; Mutchnick, P.: 504
Pecluma plumula – McDowell, T.: 2097; Mutchnick, P.: 816
Pleopeltis percussa – Clarke, H.D.: 1492, 4256; Mutchnick, P.: 814
Polypodium dulce – Clarke, H.D.: 4325
Polypodium polypodioides – Hoffman, B.: 1506; McDowell, T.: 2092
- Pontederiaceae**
Eichhornia diversifolia – Clarke, H.D.: 436
- Proteaceae**
Roupala schomburgkii – Clarke, H.D.: 2677
- Pteridaceae**
Pteris pungens – Clarke, H.D.: 4223; Mori, S.: 24641
- Quiinaceae**
Lacunaria crenata – Clarke, H.D.: 369
Quiina guianensis – Mutchnick, P.: 884, 886
Quiina obovata – Hoffman, B.: 1420, 4572, 4848, 4921; Mori, S.: 24578
Quiina rhytidopus – Clarke, H.D.: 1473; Hoffman, B.: 1558; McDowell, T.: 1994
- Ramalinaceae**
Ramalina anceps – Clarke, H.D.: 2674
- Rapateaceae**
Rapatea paludosa – Clarke, H.D.: 1411, 2485; Ehrlinghaus, C.: 123; Hoffman, B.: 1412; McDowell, T.: 3299; Mori, S.: 24482; Mutchnick, P.: 923
Spathanthus unilateralis – Ehrlinghaus, C.: 122; Mutchnick, P.: 738, 924
- Rhabdodendraceae**
Rhabdodendron sylvestre – McDowell, T.: 3251
- Rhamnaceae**
Gouania blanchetiana – Clarke, H.D.: 1564
Gouania polygama – Acevedo-Rdgz., P.: 3363
Gouania velutina – Hoffman, B.: 1382
- Rhizophoraceae**
Cassipourea guianensis – Clarke, H.D.: 417, 2599, 2601
Cassipourea lasiocalyx – Clarke, H.D.: 235
- Rubiaceae**
Alibertia myrciifolia – Hoffman, B.: 1563
Amaioua brevidentata – Hoffman, B.: 1303
Amaioua guianensis – Clarke, H.D.: 175, 336, 1347, 4228
Borreria capitata – Clarke, H.D.: 1601
Borreria latifolia – Mori, S.: 24351; Mutchnick, P.: 596
Borreria prostrata – Mori, S.: 24346
Borreria verticillata – Clarke, H.D.: 696
Chimarrhis microcarpa – Hoffman, B.: 1532
Chomelia monachinoides – Clarke, H.D.: 1386
Chomelia tenuiflora – Clarke, H.D.: 2747; Hoffman, B.: 5007
Chomelia sp. – Mutchnick, P.: 457
Coccocypselum guianense – Mori, S.: 24546
Coccocypselum herbaceum – Acevedo-Rdgz., P.: 3375; Clarke, H.D.: 493
Coccocypselum tontanea – Ehrlinghaus, C.: 91
Coussarea paniculata – Hoffman, B.: 1396
Diodia hyssopifolia – Hoffman, B.: 1274; McDowell, T.: 3341; Mori, S.: 24344, 24345, 24481; Mutchnick, P.: 549, 597, 639, 640
Diodia ocimifolia – Hoffman, B.: 1544
Duroia eriopila – Acevedo-Rdgz., P.: 3395; Clarke, H.D.: 189, 193; Hoffman, B.: 1414; Mori, S.: 24490; Mutchnick, P.: 818
Duroia fusifera – McDowell, T.: 1970
Duroia genipoides – Clarke, H.D.: 1394, 2641
Duroia micrantha – Hoffman, B.: 1500; Mori, S.: 24540, 24597
Faramea occidentalis – Clarke, H.D.: 4161, 4220; Hoffman, B.: 4924, 4927
Faramea sessilifolia – Clarke, H.D.: 1471; Ehrlinghaus, C.: 57; Hoffman, B.: 1502; McDowell, T.: 1967, 1976
Ferdinandusa uaupensis – Mori, S.: 24596
Genipa americana – Mutchnick, P.: 688, 935
Genipa spruceana – Clarke, H.D.: 275, 355, 470, 2690; Hoffman, B.: 1273; Mutchnick, P.: 550, 915
Geophila repens – Acevedo-Rdgz., P.: 3314; McDowell, T.: 3311a
Gonzalagunia dicocca – Clarke, H.D.: 613, 2627, 4247; Hoffman, B.: 1481; Mori, S.: 24550; Mutchnick, P.: 479
Guettarda acreana – Clarke, H.D.: 337
Guettarda argentea – Mori, S.: 24567
Hillia illustris – Clarke, H.D.: 1554
Isertia hypoleuca – Clarke, H.D.: 492, 2648; Ehrlinghaus, C.: 110; McDowell, T.: 3319; Mori, S.: 24451; Mutchnick, P.: 586
Isertia parviflora – Acevedo-Rdgz., P.: 3342; Clarke, H.D.: 1596; Mutchnick, P.: 813
Ixora ferrea – Clarke, H.D.: 2537, 2611, 2715; Hoffman, B.: 1469
Ixora graciliflora – Mutchnick, P.: 507
Ixora panurensis – Clarke, H.D.: 228, 426, 1441
Malanea macrophylla – Mori, S.: 24582
Mitracarpus hirtus – Hoffman, B.: 1300
Morinda calycina – Hoffman, B.: 1413, 1569; McDowell, T.: 2048
Morinda tenuiflora – Clarke, H.D.: 215, 1484, 1496
Pagamea capitata – Clarke, H.D.: 237, 2668; Hoffman, B.: 1445
Palicourea croceoides – Clarke, H.D.: 413, 565, 628, 2481, 2482, 4081; Mori, S.: 24469
Palicourea guianensis – Clarke, H.D.: 325, 581, 1310, 4137; Ehrlinghaus, C.: 109; Mori, S.: 24455; Mutchnick, P.: 601
Palicourea riparia – Clarke, H.D.: 1535; Hoffman, B.: 1510; McDowell, T.: 1966; Mutchnick, P.: 608, 977

- Palicourea triphylla* – Acevedo-Rdgz., P.: 3367; Hoffman, B.: 1333; Mori, S.: 24433
- Perama galioides* – McDowell, T.: 2017
- Perama hirsuta* – Hoffman, B.: 1434
- Posoqueria longiflora* – Clarke, H.D.: 1534
- Posoqueria panamensis* – Mutchnick, P.: 523
- Psychotria apoda* – Clarke, H.D.: 484, 1422, 1451, 2519, 4111; Mutchnick, P.: 481
- Psychotria astrellantha* – Hoffman, B.: 1466
- Psychotria bahiensis* – Mutchnick, P.: 901
- Psychotria barbiflora* – Clarke, H.D.: 2540, 4110; McDowell, T.: 3374; Mutchnick, P.: 952
- Psychotria brachybotrya* – Clarke, H.D.: 177, 323
- Psychotria bracteocardia* – Clarke, H.D.: 1447, 1508; Hoffman, B.: 1565; McDowell, T.: 1887, 1896
- Psychotria capitata* – Clarke, H.D.: 2680
- Psychotria cupularis* – Clarke, H.D.: 607, 637, 4160, 4231
- Psychotria horizontalis* – Hoffman, B.: 1534
- Psychotria lupulina* – Clarke, H.D.: 2732; Hoffman, B.: 1279; Mutchnick, P.: 469
- Psychotria mapourioides* – Clarke, H.D.: 2508
- Psychotria microbotrys* – Clarke, H.D.: 4138
- Psychotria microdon* – Ehringhaus, C.: 50
- Psychotria officinalis* – Mori, S.: 24524
- Psychotria poeppigiana* – Clarke, H.D.: 614, 2505, 2521, 4253; Mori, S.: 24592
- Psychotria polycephala* – Clarke, H.D.: 160, 488, 1452; Ehringhaus, C.: 56; Hoffman, B.: 1337, 1417; McDowell, T.: 3295
- Psychotria racemosa* – Hoffman, B.: 1405
- Psychotria uliginosa* – Clarke, H.D.: 605, 1433, 2523, 4140
- Randia armata* – McDowell, T.: 2098; Mori, S.: 24378
- Randia calycina* – Ehringhaus, C.: 54
- Retiniphyllum schomburgkii* – Clarke, H.D.: 2669
- Rudgea cornifolia* – Clarke, H.D.: 202, 1456, 1472; Hoffman, B.: 1280
- Rudgea crassiloba* – Clarke, H.D.: 1326
- Rudgea fissistipula* – Mori, S.: 24385
- Rudgea hostmanniana* – Clarke, H.D.: 584, 590, 1431, 2492, 2516; Ehringhaus, C.: 126; Hoffman, B.: 1488, 1567, 4890; Mutchnick, P.: 607
- Rudgea stipulacea* – Clarke, H.D.: 407
- Sabicea oblongifolia* – Hoffman, B.: 1336; Mutchnick, P.: 424
- Sabicea villosa* – Clarke, H.D.: 501; Ehringhaus, C.: 106; McDowell, T.: 3254; Mori, S.: 24480
- Sipanea pratensis* – Clarke, H.D.: 1506; Ehringhaus, C.: 60
- Sipanea wilson-brownei* – Clarke, H.D.: 2554, 4158
- Spermacoe assurgens* – McDowell, T.: 3317
- Spermacoe verticillata* – Hoffman, B.: 1523
- Uncaria guianensis* – Clarke, H.D.: 274; Hoffman, B.: 4510; McDowell, T.: 2084
- Rutaceae**
- Conchocarpus fanshawei* – Clarke, H.D.: 402
- Ertela trifolia* – Clarke, H.D.: 1512
- Ticorea foetida* – Clarke, H.D.: 411; Mori, S.: 24565
- Zanthoxylum compactum* – Clarke, H.D.: 1540, 2705
- Salviniaceae**
- Salvinia auriculata* – Clarke, H.D.: 1395, 1479
- Sapindaceae**
- Allophylus racemosus* – Acevedo-Rdgz., P.: 3457
- Cupania hirsuta* – Acevedo-Rdgz., P.: 3316; Clarke, H.D.: 203, 334; Hoffman, B.: 5047
- Cupania scrobiculata* – Hoffman, B.: 1298; Mutchnick, P.: 776
- Matayba elegans* – Clarke, H.D.: 387, 1308; McDowell, T.: 3336; Mutchnick, P.: 860
- Matayba macrolepis* – Acevedo-Rdgz., P.: 3346; Clarke, H.D.: 301, 1528, 1543, 2741
- Matayba purgans* – Acevedo-Rdgz., P.: 3410
- Matayba* sp. – Hoffman, B.: 4632
- Paullinia ingaefolia* – Acevedo-Rdgz., P.: 3447, 3448
- Paullinia latifolia* – Clarke, H.D.: 4203; Hoffman, B.: 1383; Mori, S.: 24561; Mutchnick, P.: 947
- Paullinia leiocarpa* – Acevedo-Rdgz., P.: 3455
- Paullinia pachycarpa* – Hoffman, B.: 5064
- Paullinia perlata* – Clarke, H.D.: 616
- Paullinia plagioptera* – Mori, S.: 24619
- Paullinia rufescens* – Mori, S.: 24502
- Paullinia stellata* – Clarke, H.D.: 4239
- Pseudima frutescens* – Hoffman, B.: 4894
- Serjania caracasana* – Acevedo-Rdgz., P.: 3296
- Serjania oblongifolia* – Acevedo-Rdgz., P.: 3401, 3444
- Serjania paniculata* – Hoffman, B.: 4900
- Serjania paucidentata* – Acevedo-Rdgz., P.: 3361
- Talisia carinata* – Clarke, H.D.: 2712; Mori, S.: 24577
- Talisia mollis* – Clarke, H.D.: 4227
- Toulicia guianensis* – Mutchnick, P.: 808
- Urvillea ulmacea* – Acevedo-Rdgz., P.: 3456
- Sapotaceae**
- Chrysophyllum sparsiflorum* – Hoffman, B.: 4568
- Ecclinusa guianensis* – Clarke, H.D.: 196, 213, 529, 1419
- Manilkara bidentata* – Hoffman, B.: 4554
- Micropholis venulosa* – Hoffman, B.: 5050
- Pouteria caimito* – Mori, S.: 24628
- Pouteria cuspidata* – Clarke, H.D.: 266; Mori, S.: 24484; Mutchnick, P.: 927
- Pouteria hispida* – Clarke, H.D.: 4292
- Pouteria oblanceolata* – Mori, S.: 24602
- Pouteria rigidopsis* – Clarke, H.D.: 2713
- Pouteria speciosa* – Clarke, H.D.: 2718
- Pouteria surumuensis* – Clarke, H.D.: 4162
- Pouteria torta* – Clarke, H.D.: 195, 1312, 4173; Mori, S.: 24560; Mutchnick, P.: 784
- Pouteria venosa* – Clarke, H.D.: 2683; Mutchnick, P.: 451
- Pouteria* sp. – Hoffman, B.: 4501, 4940
- Pradosia ptychandra* – Clarke, H.D.: 331
- Pradosia schomburgkiana* – Clarke, H.D.: 536; Hoffman, B.: 1290
- Pradosia surinamensis* – Clarke, H.D.: 2758
- Schizaeaceae**
- Schizaea fluminensis* – Mori, S.: 24401, 24512
- Scrophulariaceae**
- Bacopa aquatica* – McDowell, T.: 3297
- Benjaminia reflexa* – McDowell, T.: 2023
- Buchnera rosea* – Clarke, H.D.: 1578
- Conobea aquatica* – McDowell, T.: 2021
- Stemodia pratensis* – Clarke, H.D.: 507

Selaginellaceae

Selaginella parkeri – Clarke, H.D.: 258, 315, 676, 1277;
McDowell, T.: 3291; Mori, S.: 24402; Mutchnick,
P.: 730

Simaroubaceae

Picramnia guianensis – Mutchnick, P.: 500
Picramnia latifolia – Clarke, H.D.: 620, 625, 2539,
2721, 4278b; Hoffman, B.: 4965; Mutchnick, P.:
937, 957
Picramnia magnifolia – Clarke, H.D.: 4123
Simaba cedron – Clarke, H.D.: 671; Mori, S.: 24442
Simaba guianensis – Hoffman, B.: 4871; Mori, S.: 24610

Smilacaceae

Smilax krukovii – Clarke, H.D.: 580
Smilax lasseriana – Hoffman, B.: 1472
Smilax latipes – Clarke, H.D.: 2528, 4124; Mori, S.:
24590; Mutchnick, P.: 976
Smilax schomburgkiana – Clarke, H.D.: 272, 452, 1319;
Mutchnick, P.: 443, 471
Smilax syphilitica – Clarke, H.D.: 681

Solanaceae

Capsicum frutescens – McDowell, T.: 1940
Cestrum megalophyllum – Clarke, H.D.: 4182, 4221,
4300; Hoffman, B.: 4970
Cestrum racemosum – Mutchnick, P.: 630b
Lycianthes pauciflora – Clarke, H.D.: 4188; Mutchnick,
P.: 951
Markea camponoti – Clarke, H.D.: 626
Markea longiflora – Mori, S.: 24531
Markea sessiliflora – Clarke, H.D.: 574
Solanum asperum – Acevedo-Rdgz., P.: 3307;
McDowell, T.: 1957
Solanum coriaceum – Chanderbali, A.: 170; Clarke,
H.D.: 512, 1408; Ehringhaus, C.: 105; Mori, S.:
24427; Mutchnick, P.: 588
Solanum crinitum – Acevedo-Rdgz., P.: 3417; Clarke,
H.D.: 1563; Hoffman, B.: 1348; Mutchnick, P.: 583
Solanum leucocarpon – Clarke, H.D.: 617; Hoffman, B.:
1341, 1495; Mutchnick, P.: 587
Solanum monachophyllum – Clarke, H.D.: 475, 1385,
2692; Hoffman, B.: 1294, 1327; McDowell, T.:
1990; Mutchnick, P.: 472, 646
Solanum pensile – Clarke, H.D.: 288, 1552, 4235;
McDowell, T.: 3338; Mutchnick, P.: 857
Solanum schlehtendalianum – Clarke, H.D.: 624, 4185,
4299
Solanum stramonifolium – Acevedo-Rdgz., P.: 3352;
Clarke, H.D.: 1586; McDowell, T.: 3316

Sterculiaceae

Byttneria divaricata – Acevedo-Rdgz., P.: 3310; Clarke,
H.D.: 2751; Hoffman, B.: 1375; Mutchnick, P.:
625, 841
Herrania lemniscata – Clarke, H.D.: 1555; Hoffman,
B.: 4920; Mori, S.: 24562
Melochia arenosa – McDowell, T.: 1991; Mutchnick,
P.: 667
Sterculia guianensis – Hoffman, B.: 1462
Sterculia rugosa – Clarke, H.D.: 4134
Sterculia villifera – Hoffman, B.: 1477
Waltheria indica – Clarke, H.D.: 508, 1589; McDowell,
T.: 1944

Strelitziaceae

Phenakospermum guyanense – Acevedo-Rdgz., P.: 3357;
Clarke, H.D.: 1424

Tectariaceae

Cyclopetis semicordata – Hoffman, B.: 1575
Tectaria heracleifolia – Clarke, H.D.: 4180
Tectaria plantaginea – Clarke, H.D.: 2503, 4156;
Hoffman, B.: 1476; Mori, S.: 24545, 24625
Tectaria trifoliata – Clarke, H.D.: 4261; Mori, S.:
24644; Mutchnick, P.: 968
Triplophyllum funestrum – Mutchnick, P.: 971
Triplophyllum funestum – Clarke, H.D.: 4117

Theaceae

Ternstroemia punctata – Clarke, H.D.: 242

Thelypteridaceae

Thelypteris opulenta – Clarke, H.D.: 4200
Thelypteris pennata – Clarke, H.D.: 4222
Thelypteris poiteana – McDowell, T.: 2102
Thelypteris tetragona – Hoffman, B.: 1408

Theophrastaceae

Clavija lancifolia – Acevedo-Rdgz., P.: 3303; Clarke,
H.D.: 1572, 4230; Hoffman, B.: 1571

Thurniaceae

Thurnia sphaerocephala – Clarke, H.D.: 201; Mori, S.:
24627

Thymelaeaceae

Daphnopsis longifolia – Mori, S.: 24537; Mutchnick,
P.: 956
Goodallia guianensis – Mutchnick, P.: 709, 712

Tiliaceae

Apeiba albiflora – Hoffman, B.: 1496
Apeiba petoumo – Clarke, H.D.: 406
Corchorus hirtus – Hoffman, B.: 1521
Corchorus orinocensis – Ehringhaus, C.: 58; McDowell,
T.: 1983
Vasivaea alchorneoides – Clarke, H.D.: 1391; Hoffman,
B.: 1286; Mutchnick, P.: 859

Trigoniaceae

Trigonia hypoleuca – Clarke, H.D.: 310; Hoffman, B.:
1355
Trigonia laevis – Clarke, H.D.: 184, 573, 662; Mori,
S.: 24465
Trigonia nivea – Mutchnick, P.: 703
Trigonia subcymosa – Mutchnick, P.: 531
Trigonia villosa – Clarke, H.D.: 383; McDowell, T.:
3278, 3327; Mutchnick, P.: 622, 662

Turneraceae

Piriqueta cistoides – McDowell, T.: 1959; Mutchnick,
P.: 702
Turnera aurantiaca – Clarke, H.D.: 358, 1363, 2756;
Ehringhaus, C.: 70a; McDowell, T.: 3279;
Mutchnick, P.: 599, 660, 661, 698
Turnera curassavica – Mutchnick, P.: 630a
Turnera rupestris – Clarke, H.D.: 428; Hoffman, B.:
1471, 4763; Mutchnick, P.: 493
Turnera scabra – Clarke, H.D.: 1591

Ulmaceae

Celtis schippii – Hoffman, B.: 4504
Trema micrantha – Clarke, H.D.: 174; Hoffman, B.:
1325; McDowell, T.: 1894

Urticaceae

Urera caracasana – Clarke, H.D.: 593

Verbenaceae

Aegiphila membranacea – Clarke, H.D.: 4183, 4189, 4242; Mori, S.: 24640

Aegiphila villosa – Clarke, H.D.: 664

Amasonia campestris – Clarke, H.D.: 1593

Citharexylum macrophyllum – Clarke, H.D.: 4331

Lantana camara – McDowell, T.: 3365; Mutchnick, P.: 909

Petrea bracteata – Clarke, H.D.: 2565

Petrea macrostachya – Acevedo-Rdgz., P.: 3348; Clarke, H.D.: 208, 549, 1318, 1345, 1462, 2624, 4080; Mori, S.: 24504, 24569; Mutchnick, P.: 741

Petrea volubilis – McDowell, T.: 3298

Stachytarpheta cayennensis – Clarke, H.D.: 1576; McDowell, T.: 2054, 3361

Vitex capitata – McDowell, T.: 2038

Vitex stahelii – Clarke, H.D.: 1569; Hoffman, B.: 1546

Violaceae

Amphirrhox longifolia – Acevedo-Rdgz., P.: 3335; Clarke, H.D.: 158, 1491

Corynostylis arborea – Clarke, H.D.: 380; Mutchnick, P.: 397

Noisetia orchidiflora – Clarke, H.D.: 156

Paypayrola confertiflora – Clarke, H.D.: 423

Paypayrola guianensis – Mutchnick, P.: 484

Paypayrola longifolia – Chanderbali, A.: 155; Clarke, H.D.: 199, 324, 367, 490, 517, 1290, 1338; Hoffman, B.: 4584; Mutchnick, P.: 727, 793, 934

Paypayrola sp. – Clarke, H.D.: 418

Rinorea flavescens – Clarke, H.D.: 1285; Mutchnick, P.: 740

Rinorea lindeniana – Hoffman, B.: 1531

Rinorea macrocarpa – Ehringhaus, C.: 53; Hoffman, B.: 4602, 4925; Mori, S.: 24389; Mutchnick, P.: 729

Rinorea pubiflora – Acevedo-Rdgz., P.: 3445; Clarke, H.D.: 164, 314, 332, 588, 596, 1467, 1510, 2602, 2625, 4250; Hoffman, B.: 1281, 1485, 1538, 4503, 4893; McDowell, T.: 3370; Mori, S.: 24571; Mutchnick, P.: 382, 745

Rinorea riana – Clarke, H.D.: 204, 1339, 4151; Hoffman, B.: 1399, 1464; Mutchnick, P.: 505

Viscaceae

Phoradendron crassifolium – Mori, S.: 24600

Phoradendron perrottetii – Acevedo-Rdgz., P.: 3403

Phoradendron piperoides – Clarke, H.D.: 1410, 4166

Vitaceae

Cissus erosa – Hoffman, B.: 1343; McDowell, T.: 3285; Mutchnick, P.: 624, 893

Cissus sicyoides – Clarke, H.D.: 465; Mutchnick, P.: 642

Cissus subrhomboidea – Clarke, H.D.: 300

Cissus verticillata – Clarke, H.D.: 283, 1553; Mutchnick, P.: 534

Vittariaceae

Anetium citrifolium – Clarke, H.D.: 4234

Antrophyum guayanense – Mori, S.: 24411

Antrophyum jenmanii – Clarke, H.D.: 2632

Vittaria costata – McDowell, T.: 2093

Vittaria graminifolia – Clarke, H.D.: 2535

Vochysiaceae

Vochysia surinamensis – Clarke, H.D.: 2643

Vochysia tetraphylla – Clarke, H.D.: 291, 439; McDowell, T.: 1989, 3381; Mutchnick, P.: 407, 865

Xyridaceae

Abolboda grandis – Clarke, H.D.: 225, 248, 2661

Xyris fallax – Hoffman, B.: 1436

Xyris involucrata – Clarke, H.D.: 245

Xyris jupicai – Clarke, H.D.: 498, 1402; Ehringhaus, C.: 92; Mori, S.: 24441

Xyris surinamensis – Clarke, H.D.: 239

Zingiberaceae

Renealmia floribunda – Clarke, H.D.: 211, 1341

Renealmia monosperma – Clarke, H.D.: 4272

Renealmia orinocensis – Clarke, H.D.: 644, 2488; Ehringhaus, C.: 140; McDowell, T.: 3300; Mutchnick, P.: 621, 974

Renealmia thyrsoides – Clarke, H.D.: 4145

APPENDIX 3

LIST OF RANKS OF SPECIES RICHNESS BY FAMILY FOR IWOKRAMA,
FOUR OTHER SITES IN NE S. AMERICA, AND THE GUIANAS OVERALL

Family	Iwokrama	I_rank	Kaïeteur	K_rank	Mabura	M_rank	CFG	C_rank	Ducke	D_rank	Guianas	G_rank
Fabaceae	106	1	82	2	114	1	136	2	175	1	400	1
Rubiaceae	82	2	78	3	60	3	127	3	85	3	275	3
Orchidaceae	51	3	105	1	109	2	150	1	79	5	328	2
Cyperaceae	42	4	49	6	22	16	27	22.5	21	24	92	16
Myrtaceae	37	5	16	16.5	19	19	30	18	55	8	114	6
Melastomataceae	34	6.5	72	4	35	5.5	76	4	77	6	181	4
Poaceae	34	6.5	53	5	20	17.5	38	12	16	29.5	97	11
Lauraceae	32	8	11	25	28	9.5	51	7	88	2	141	5
Annonaceae	31	9.5	8	37.5	30	7	29	20	58	7	103	8
Araceae	31	9.5	20	12	23	14.5	57	5	43	15	100	10
Chrysobalanaceae	29	11.5	21	10	35	5.5	35	13.5	50	9	96	12
Clusiaceae	29	11.5	25	9	23	14.5	29	20	48	10.5	94	13
Euphorbiaceae	26	13	16	16.5	25	12	45	8.5	44	14	101	9
Sapindaceae	23	14	6	45.5	24	13	42	11	40	16	93	14.5
Bignoniaceae	22	15	17	14.5	37	4	43	10	45	12.5	88	17
Asteraceae	21	16	20	12	17	21.5	20	30	10	45.5	51	26
Apocynaceae	20	17.5	26	8	29	8	35	13.5	37	18	93	37
Malpighiaceae	20	17.5	14	20.5	26	11	24	27	12	37	65	21
Areaceae	18	19.5	13	22	11	29	32	16.5	36	19	60	23.5
Piperaceae	18	19.5	11	25	17	21.5	45	8.5	31	20	75	18
Sapotaceae	16	21.5	9	31.5	28	9.5	55	6	81	4	114	7
Solanaceae	16	21.5	5	52	12	26.5	25	26	37	42	42	27
Lecythidaceae	15	23.5	15	18.5	17	21.5	32	16.5	38	17	66	20
Polypodiaceae	15	23.5	10	27.5	5	56.5	23	28	8	56	31	37
Boraginaceae	14	25	3	68.5	9	36.5	14	40.5	6	66.5	34	30.5
Adiantaceae	11	28	2	87.5	2	99	22	29	5	71	28	42.5
Marantaceae	11	28	9	31.5	5	56.5	27	22.5	16	29.5	52	25
Moraceae	11	28	9	31.5	13	20	29	20	48	10.5	61	22
Verbenaceae	11	28	4	59.5	8	39	16	36	17	27.5	33	33
Violaceae	11	28	1	115.5	7	43.5	10	51	11	40.5	25	49
Burseraceae	10	33	5	52	10	33	26	24.5	45	12.5	60	23.5
Convolvulaceae	10	33	1	115.5	8	39	11	47	12	37	26	46.5
Hippocrateaceae	10	33	5	52	14	24	15	38.5	9	50	33	33
Hymenophyllaceae	10	33	17	14.5	11	29	26	24.5	11	40.5	41	28
Passifloraceae	10	33	7	42	10	33	12	44	13	33.5	29	40.5

APPENDIX 3 (continued)

Family	Iwokrama	I_rank	Kaitereur	K_rank	Mabura	M_rank	CFG	C_rank	Ducke	D_rank	Güianas	G_rank
Gentianaceae	9	37	8	37.5	10	33	15	38.5	8	56	22	53.5
Malvaceae	9	37	1	115.5	2	99	3	108.5	2	105	12	83
Meliaceae	9	37	3	68.5	6	49	16	36	22	23	32	35
Gesneriaceae	8	39	15	18.5	9	36.5	17	33	7	62	34	30.5
Bromeliaceae	7	42.5	33	7	20	17.5	33	15	17	27.5	69	19
Dennstaedtiaceae	7	42.5	8	37.5	5	56.5	12	44	6	66.5	19	59.5
Flacourtiaceae	7	42.5	0	152.5	10	33	17	33	18	26	33	33
Heliconiaceae	7	42.5	2	87.5	4	69	9	57	2	105	10	93
Polygonaceae	7	42.5	1	115.5	6	49	2	123	2	105	18	63
Sterculiaceae	7	42.5	2	87.5	4	69	7	72.5	8	56	21	55
Cucurbitaceae	6	47.5	2	87.5	8	39	14	40.5	6	66.5	18	63
Cyathaceae	6	47.5	3	68.5	1	122.5	8	64.5	2	105	13	79
Dilleniaceae	6	47.5	6	45.5	11	29	7	72.5	13	33.5	23	51
Polygalaceae	6	47.5	7	42	5	56.5	7	72.5	7	62	26	46.5
Acanthaceae	5	58	2	87.5	4	69	18	31	4	76	27	44
Caryocaraceae	5	58	2	87.5	1	122.5	2	123	2	105	7	106
Combretaceae	5	58	5	52	7	43.5	6	78.5	10	45.5	20	57
Elaeocarpaceae	5	58	0	152.5	4	69	11	47	13	33.5	23	51
Menispermaceae	5	58	2	87.5	17	21.5	13	42	20	25	38	29
Monimiaceae	5	58	2	87.5	2	99	8	64.5	10	45.5	15	72
Myristicaceae	5	58	0	152.5	7	43.5	9	57	25	21.5	30	39
Ochnaceae	5	58	8	37.5	5	56.5	9	57	8	56	31	37
Scrophulariaceae	5	58	3	68.5	4	69	5	84.5	3	84.5	11	89
Simaroubaceae	5	58	2	87.5	5	56.5	5	84.5	8	56	15	72
Smilacaceae	5	58	2	87.5	7	43.5	4	94.5	3	84.5	14	76.5
Tectariaceae	5	58	3	68.5	3	84	8	64.5	2	105	10	93
Tiliaceae	5	58	1	115.5	5	56.5	5	84.5	2	105	11	89
Trigoniaceae	5	58	1	115.5	1	122.5	2	123	0	162	5	119
Turneraceae	5	58	0	152.5	2	99	1	143.5	2	105	7	106
Vittriaceae	5	58	7	42	4	69	10	51	3	84.5	12	83
Xyridaceae	5	58	14	20.5	0	156.5	1	143.5	1	135	15	72
Aspleniaceae	4	71.5	4	59.5	3	84	9	57	4	76	12	83
Cecropiaceae	4	71.5	2	87.5	6	49	11	47	25	21.5	31	37
Dioscoreaceae	4	71.5	3	68.5	6	49	3	108.5	1	135	17	65
Loganiaceae	4	71.5	2	87.5	12	26.5	16	36	13	33.5	29	40.5
Loranthaceae	4	71.5	5	52	7	43.5	8	64.5	8	56	20	57
Onagraceae	4	71.5	3	68.5	3	84	5	84.5	2	105	9	97
Quinaceae	4	71.5	1	115.5	4	69	7	72.5	8	56	16	67.5

Family	Iwokrama	I_rank	Kaireteur	K_rank	Mabura	M_rank	CFG	C_rank	Ducke	D_rank	Guianas	G_rank
Rutaceae	4	71.5	0	152.5	4	69	7	72.5	9	50	22	53.5
Thelypteridaceae	4	71.5	0	152.5	2	99	12	44	1	135	15	72
Zingiberaceae	4	71.5	2	87.5	1	122.5	4	94.5	1	135	5	119
Bombacaceae	3	84.5	5	52	3	84	10	51	14	31	26	46.5
Burmanniaceae	3	84.5	8	37.5	6	49	8	64.5	11	40.5	18	61
Connaraceae	3	84.5	0	152.5	10	33	4	94.5	7	62	18	63
Eriocaulaceae	3	84.5	12	23	3	84	1	143.5	3	84.5	14	76.5
Gnetaceae	3	84.5	0	152.5	2	99	1	143.5	4	76	4	131.5
Grammitidaceae	3	84.5	9	31.5	4	69	8	64.5	2	105	12	83
Humiriaceae	3	84.5	2	87.5	3	84	4	94.5	10	45.5	14	76.5
Lamiaceae	3	84.5	2	87.5	1	122.5	8	64.5	3	84.5	11	89
Lentibulariaceae	3	84.5	20	12	1	122.5	0	166	1	135	19	59.5
Marcgraviaceae	3	84.5	4	59.5	4	69	3	108.5	6	66.5	12	83
Myrsinaceae	3	84.5	9	31.5	7	43.5	9	57	6	66.5	26	46.5
Oleaceae	3	84.5	5	52	5	56.5	7	72.5	10	45.5	16	67.5
Rhamnaceae	3	84.5	0	152.5	1	122.5	2	123	1	135	5	119
Ulmaceae	3	84.5	1	115.5	1	122.5	3	108.5	2	105	4	131.5
Viscaceae	3	84.5	6	45.5	4	69	4	94.5	2	105	9	97
Vitaceae	3	84.5	1	115.5	2	99	2	123	2	105	5	119
Anacardiaceae	2	104.5	2	87.5	5	56.5	10	51	8	56	16	67.5
Aristolochiaceae	2	104.5	0	152.5	4	69	6	78.5	1	135	12	83
Asclepiadaceae	2	104.5	5	52	4	69	4	94.5	1	135	9	97
Begoniaceae	2	104.5	3	68.5	1	122.5	3	108.5	0	162	6	110.5
Bixaceae	2	104.5	1	115.5	0	156.5	1	143.5	0	162	2	148.5
Capparaceae	2	104.5	0	152.5	1	122.5	1	143.5	2	105	6	110.5
Celastraceae	2	104.5	2	87.5	2	99	4	94.5	3	84.5	7	106
Commelinaceae	2	104.5	3	68.5	1	122.5	5	84.5	2	105	9	97
Costaceae	2	104.5	0	152.5	1	122.5	6	78.5	3	84.5	8	101.5
Cyclanthaceae	2	104.5	8	37.5	3	84	7	72.5	5	71	14	76.5
Dichapetalaceae	2	104.5	0	152.5	4	69	4	94.5	5	71	7	106
Dryopteridaceae	2	104.5	6	45.5	2	99	8	64.5	2	105	10	93
Ebenaceae	2	104.5	2	87.5	3	84	9	57	10	45.5	16	67.5
Liliaceae	2	104.5	1	115.5	2	99	2	123	0	162	4	131.5
Lomariopsidaceae	2	104.5	3	68.5	3	84	17	33	6	66.5	23	51
Lycopodiaceae	2	104.5	3	68.5	2	99	5	84.5	1	135	7	106
Lygodiaceae	2	104.5	3	68.5	1	122.5	1	143.5	1	135	4	131.5
Marattiaceae	2	104.5	1	115.5	0	156.5	3	108.5	2	105	3	140.5
Mendoniaceae	2	104.5	0	152.5	1	122.5	4	94.5	2	105	5	119
Podostemaceae	2	104.5	5	52	0	156.5	2	123	0	162	8	101.5

APPENDIX 3 (continued)

Family	Iwokrama	I_rank	Kaïeteuru	K_rank	Mabura	M_rank	CFG	C_rank	Ducke	D_rank	Guianas	G_rank
Rapateaceae	2	104.5	9	31.5	1	122.5	2	123	4	76	11	89
Rhizophoraceae	2	104.5	1	115.5	2	99	2	123	2	105	4	131.5
Thymelaeaceae	2	104.5	0	152.5	0	156.5	2	123	1	135	4	131.5
Vochysiaceae	2	104.5	1	115.5	3	84	10	51	11	40.5	28	42.5
Balanophoraceae	1	130	1	115.5	0	156.5	1	143.5	0	162	1	164
Cactaceae	1	130	0	152.5	3	84	3	108.5	1	135	6	110.5
Campanulaceae	1	130	1	115.5	0	156.5	1	143.5	0	162	1	164
Caricaceae	1	130	0	152.5	0	156.5	1	143.5	0	162	1	164
Droseraceae	1	130	2	87.5	0	156.5	0	166	0	162	3	140.5
Erythroxylaceae	1	130	1	115.5	3	84	4	94.5	3	84.5	5	119
Gleicheniaceae	1	130	2	87.5	0	156.5	1	143.5	2	105	4	131.5
Haemodioraceae	1	130	0	152.5	0	156.5	2	123	0	162	2	148.5
Icacinateae	1	130	2	87.5	4	69	5	84.5	9	50	12	83
Lacistemataceae	1	130	1	115.5	1	122.5	3	108.5	3	84.5	3	140.5
Lythraceae	1	130	1	115.5	0	156.5	1	143.5	2	105	4	131.5
Meraxiaceae	1	130	1	115.5	1	122.5	1	143.5	1	135	1	164
Nyctaginaceae	1	130	1	115.5	5	56.5	6	78.5	8	56	15	72
Oleandraceae	1	130	4	59.5	2	99	3	108.5	4	76	9	97
Oxalidaceae	1	130	0	152.5	1	122.5	1	143.5	2	105	3	140.5
Phytolaccaceae	1	130	1	115.5	1	122.5	3	108.5	1	135	4	131.5
Pontederiaceae	1	130	1	115.5	0	156.5	0	166	0	162	1	164
Proteaceae	1	130	2	87.5	1	122.5	3	108.5	1	135	5	119
Pruriaceae	1	130	0	152.5	0	156.5	3	108.5	2	105	5	119
Rhabdodendraceae	1	130	0	152.5	1	122.5	1	143.5	2	105	2	148.5
Schizaeaceae	1	130	4	59.5	3	84	3	108.5	4	76	5	119
Selaginellaceae	1	130	11	25	3	84	9	57	3	84.5	20	57
Streptiziacae	1	130	1	115.5	0	156.5	1	143.5	0	162	1	164
Theaceae	1	130	2	87.5	1	122.5	0	166	2	105	4	131.5
Theophrastaceae	1	130	0	152.5	0	156.5	1	143.5	1	135	2	148.5
Thurniaceae	1	130	2	87.5	1	122.5	1	143.5	1	135	2	148.5
Urticaceae	1	130	0	152.5	1	122.5	7	72.5	2	105	8	101.5
Alismataceae	0	159	0	152.5	1	122.5	0	166	0	162	1	164
Amaranthaceae	0	159	0	152.5	0	156.5	4	94.5	1	135	4	131.5
Anisophylleaceae	0	159	0	152.5	0	156.5	0	166	1	135	1	164
Apiaceae	0	159	0	152.5	0	156.5	1	143.5	0	162	1	164
Aquifoliaceae	0	159	4	59.5	1	122.5	0	166	1	135	5	119
Araliaceae	0	159	0	152.5	2	99	3	108.5	2	105	5	119
Blechnaceae	0	159	1	115.5	1	122.5	2	123	2	105	4	131.5

Family	Iwokrama	I_rank	Kaieteur	K_rank	Mabura	M_rank	CFG	C_rank	Ducke	D_rank	Guianas	G_rank
Bonnetiaceae	0	159	2	87.5	0	156.5	0	166	0	162	2	148.5
Canellaceae	0	159	0	152.5	0	156.5	1	143.5	0	162	1	164
Caryophyllaceae	0	159	1	115.5	0	156.5	1	143.5	1	135	1	164
Cyrillaceae	0	159	1	115.5	0	156.5	0	166	0	162	1	164
Eremolepidaceae	0	159	0	152.5	0	156.5	0	166	1	135	1	164
Ericaceae	0	159	10	27.5	0	156.5	3	108.5	1	135	11	89
Hernandiaceae	0	159	0	152.5	0	156.5	4	94.5	2	105	6	110.5
Hugoniaceae	0	159	1	115.5	2	99	1	143.5	2	105	3	140.5
Iridaceae	0	159	0	152.5	0	156.5	1	143.5	0	162	1	164
Ixonanthaceae	0	159	2	87.5	0	156.5	0	166	0	162	2	148.5
Lissocarpaceae	0	159	0	152.5	1	122.5	0	166	0	162	1	164
Mayacaceae	0	159	1	115.5	0	156.5	1	143.5	0	162	2	148.5
Nymphaeaceae	0	159	1	115.5	0	156.5	1	143.5	0	162	3	140.5
Ophioglossaceae	0	159	0	152.5	0	156.5	0	166	1	135	1	164
Opliaceae	0	159	0	152.5	1	122.5	0	166	1	135	1	164
Peridaceae	0	159	0	152.5	0	156.5	0	166	1	135	1	164
Portulacaceae	0	159	0	152.5	1	122.5	0	166	0	162	1	164
Rafflesiaceae	0	159	0	152.5	0	156.5	1	143.5	1	135	2	148.5
Rosaceae	0	159	0	152.5	1	122.5	1	143.5	1	135	1	164
Sabiaceae	0	159	0	152.5	0	156.5	0	166	1	135	1	164
Styracaceae	0	159	0	152.5	0	156.5	3	108.5	2	105	5	119
Symplocaceae	0	159	0	152.5	1	122.5	1	143.5	0	162	2	148.5
Triuridaceae	0	159	0	152.5	3	84	2	123	4	76	8	101.5
Woodsiaceae	0	159	0	152.5	0	156.5	5	84.5	0	162	5	119

APPENDIX 4

SPECIALISTS CONTRIBUTING DETERMINATIONS OF IWOKRAMA SPECIMENS

Family	Determiner(s)
Acanthaceae	D. Wasshausen (US)
Adiantaceae	D.B. Lellinger (US)
Anacardiaceae	J.D. Mitchell (NY)
Annonaceae	P.J.M. Maas (U)
Apocynaceae	L. Allorge (P) and A.J.M. Leeuwenberg (WAG)
Araceae	D.H. Nicolson (US)
Araceae	T.B. Croat (MO)
Arecaceae	A. Henderson (NY)
Arecaceae	F.W. Stauffer (VEN)
Aristolochiaceae	C. Feuillet (US)
Asclepiadaceae	G. Morillo (MERF)
Asclepiadaceae	J.C. Lindeman (U)
Aspleniaceae	G. McKee and D.B. Lellinger (US)
Asteraceae	V.A. Funk (US)
Balanophoraceae	H.D. Clarke (US)
Begoniaceae	D. Wasshausen (US) and J.C. Lindeman (U)
Bignoniaceae	A. Gentry (MO) and BDG
Bixaceae	H.D. Clarke (US) and R.L. Liesner (MO)
Bombacaceae	L.J. Dorr (US)
Boraginaceae	C. Feuillet (US) and J.S. Miller (MO)
Bromeliaceae	B.K. Holst (SEL) and E.J. Gouda (U)
Burmanniaceae	C.L. Kelloff (US) and P.J.M. Maas (U)
Burseraceae	D. Daly (NY)
Cactaceae	H.D. Clarke (US) and B.E. Leuenberger (B)
Campanulaceae	H.D. Clarke (US)
Cannaceae	P.J.M. Maas (U)
Capparaceae	J.C. Lindeman (U)
Capparaceae	M. Nee (NY)
Caricaceae	H.D. Clarke (US) and R.L. Liesner (MO)
Caryocaraceae	G.T. Prance (K)
Cecropiaceae	C.C. Berg (BG)
Celastraceae	A.R.A. Görts-van Rijn (U)
Chrysobalanaceae	G.T. Prance (K)
Clusiaceae	J.J. Pipoly (BRIT)
Combretaceae	C.A. Stace (LTR)
Commelinaceae	R.B. Faden (US)
Connaraceae	R.L. Liesner (MO)
Connaraceae	G. Aymard (PORT)
Convolvulaceae	D.F. Austin (FAU)
Costaceae	P.J.M. Maas (U)
Cucurbitaceae	M. Nee (NY)
Cyatheaceae	D.B. Lellinger and G. McKee (US)
Cyclanthaceae	R.L. Liesner (MO)
Cyperaceae	M.T. Strong (MO)
Dennstaedtiaceae	D.B. Lellinger and G. McKee (US)
Dichapetalaceae	G.T. Prance (K)
Dilleniaceae	C.L. Kelloff (US) and G. Aymard (PORT)
Dioscoreaceae	C.L. Kelloff (US)
Droseraceae	J.C. Lindeman (U)
Dryopteridaceae	D.B. Lellinger and G. McKee (US)
Ebenaceae	P. Berry (WIS)
Elaeocarpaceae	H.D. Clarke and C.L. Kelloff (US)
Eriocaulaceae	BDG
Erythroxylaceae	P. Berry (WIS)
Euphorbiaceae	L.J. Gillespie (CAN), R.L. Liesner (MO), and W. Punt (U)
Fabaceae	R.C. Barneby (NY), H.D. Clarke (US), R.L. Liesner (MO), and O. Poncey (P)
Flacourtiaceae	H.D. Clarke (US), R.L. Liesner (MO), and J.C. Lindeman (U)
Gentianaceae	C.L. Kelloff (US) and P.J.M. Maas (U)
Gesneriaceae	C. Feuillet and L.E. Skog (US)
Gleicheniaceae	G. McKee (US)

Family	Determiner(s)
Gnetaceae	BDG
Grammitidaceae	G. McKee (US)
Haemodoraceae	BDG
Heliconiaceae	W.J. Kress (US) and P.J.M. Maas (U)
Hippocrateaceae	A.R.A. Görts-van Rijn and A.M. Mennega (U)
Humiriaceae	H.D. Clarke (US), O. Huber (VEN), and R.L. Liesner (MO)
Hymenophyllaceae	D.B. Lellinger and G. McKee (US)
Icacinaceae	A.C. deRoon (U)
Lacistemataceae	R.L. Liesner (MO)
Lamiaceae	R.M. Harley (K)
Lauraceae	A. Chanderbali and H. van der Werff (MO)
Lecythidaceae	S.A. Mori (NY)
Lentibulariaceae	P.Taylor (K)
Liliaceae	BDG
Lissocarpaceae	P. Berry (WIS)
Loganiaceae	C.L. Kelloff (US) and R. L. Liesner (MO)
Lomariopsidaceae	G. McKee (US)
Loranthaceae	J.W. Kuijt (UVIC)
Lycopodiaceae	D.B. Lellinger and G. McKee (US)
Lygodiaceae	D.B. Lellinger and G. McKee (US)
Lythraceae	A. Lourteig (P)
Malpighiaceae	W.R. Anderson (MICH)
Malvaceae	L.J. Dorr (US)
Marantaceae	H. Kennedy (UBC)
Marattiaceae	D.B. Lellinger and G. McKee (US)
Marcgraviaceae	T. Hollowell (US)
Melastomataceae	T. Hollowell and J.J. Wurdack (US)
Meliaceae	T.D. Pennington (K)
Mendonciaceae	D. Wasshausen (US)
Menispermaceae	P. Hiepko (B)
Metaxyaceae	D.B. Lellinger and G. McKee (US)
Monimiaceae	S.S. Renner (MO)
Moraceae	C.C. Berg (BG)
Myristicaceae	BDG
Myrsinaceae	J.J. Pipoly (BRIT)
Myrtaceae	B.K. Holst (SEL)
Nyctaginaceae	G. Aymard (VEN)
Nymphaeaceae	T. Hollowell (US)
Ochnaceae	C. Sastre (P)
Olacaceae	H.D. Clarke (US) and R.L. Liesner (MO)
Oleandraceae	G. McKee (US)
Onagraceae	E. Zardini (MO)
Orchidaceae	E.A. Christenson
Oxalidaceae	A. Lourteig (P)
Passifloraceae	C. Feuillet (US)
Phytolaccaceae	C.L. Kelloff (US)
Piperaceae	A.R.A. Görts-van Rijn (U)
Poaceae	E.J. Judziewicz (WIS)
Podostemaceae	H.D. Clarke (US)
Polygalaceae	A. Jacobs-Brouwer (U)
Polygonaceae	J. Brandbyge (AAU)
Polypodiaceae	D.B. Lellinger and G. McKee (US)
Pontederiaceae	C.N. Horn (NEWB)
Proteaceae	J.C. Lindeman (U)
Pteridaceae	G. McKee (US)
Quinaceae	C.L. Kelloff (US) and R.L. Liesner (MO)
Rapateaceae	P. Berry (WIS)
Rhabdodendraceae	A. Goldberg (US)
Rhamnaceae	H.D. Clarke (US) and J.C. Lindeman (U)
Rhizophoraceae	H.D. Clarke (US)
Rubiaceae	C.M. Taylor (MO)
Rutaceae	J. Kallunki (NY)

Family**Salviniaceae**

Sapindaceae

Sapotaceae

Schizaeaceae

Scrophulariaceae

Selaginellaceae

Simaroubaceae

Smilacaceae

Solanaceae

Sterculiaceae

Strelitziaceae

Tectariaceae

Theaceae

Thelypteridaceae

Theophrastaceae

Thurniaceae

Thymelaeaceae

Tiliaceae

Trigoniaceae

Turneraceae

Ulmaceae

Urticaceae

Verbenaceae

Violaceae

Viscaceae

Vitaceae

Vittariaceae

Vochysiaceae

Xyridaceae**Zingiberaceae****Determiner(s)**

G. McKee (US)

P. Acevedo-Rdgz. (US)

T.D. Pennington (K)

C.L.Kelloff (US)

H.D. Clarke (US) and N.H. Holmgren (NY)

D.B. Lellinger and G. McKee (US)

R.L. Liesner (MO) and W. Thomas (NY)

R.L. Liesner (MO)

M. Nee (NY)

L.J. Dorr (US)

P.J.M. Maas (U)

D.B. Lellinger and G. McKee (US)

A. Weitzman (US)

D.B. Lellinger and G. McKee (US)

J.C. Lindeman (U)

M.T. Strong (US)

A. Goldberg (US) and R.L. Liesner (MO)

L.J. Dorr (US)

C.L. Kelloff (US)

R.L. Liesner (MO)

H.D. Clarke (US)

H.D. Clarke (US)

M.J. Jansen-Jacobs (U)

H.D. Clarke (US) and W.H.A. Hekking (CM)

J. Kuijt (UVIC)

H.D. Clarke (US) and R.L. Liesner (MO)

D.B. Lellinger and G. McKee (US)

C.L. Kelloff (US)

R. Kral (BRIT)

P.J.M. Maas (U)

PLANT DIVERSITY OF THE IWOKRAMA FOREST, GUYANA

USING CHECKLISTS AND COLLECTING DATA TO INVESTIGATE PLANT DIVERSITY.

I: A COMPARATIVE CHECKLIST OF THE PLANT DIVERSITY OF THE IWOKRAMA FOREST, GUYANA.

Plant Diversity of the Iwokrama Forest, Guyana presents the results of floristic research conducted as part of the collection of baseline data for this 360,000 hectare area in central Guyana, an area that has been set aside for rainforest conservation and sustainable development. This work provides insight into the plant diversity of a pristine and previously undocumented lowland rainforest of the Guiana Shield. Extensive field work was carried out to make the plant collections that provide the basis for this flora and are detailed along with discussion of ecology and habitats, regional context, and comparison with four other recent floristic works of areas of comparable size on and adjacent to the Guiana Shield in northeastern South America. Appendices present lists of identified specimens, specialists that provided determinations for the various families, a synonymized checklist of the 1251 species of plants known from Iwokrama combined with those of the four other recent florulas, and a ranking of species diversity by family for these five areas. The combined checklist of 4659 species indicates that there is considerable floristic heterogeneity among even adjacent sites and will prove useful to botanists, conservation biologists, ecologists, and planners working in northeastern South America.

H.D. Clarke is Assistant Professor of Botany at the University of North Carolina at Asheville.

V.A. Funk is Research Scientist and Curator at the Smithsonian Institution.

T. Hollowell is Data Manager, Biological Diversity of the Guianas Program at the Smithsonian Institution.



BOTANICAL RESEARCH INSTITUTE OF TEXAS
CONSERVATOR OF OUR BOTANICAL HERITAGE