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SMITHSONIAN CONTRIBUTIONS TO BOTANY • NUMBER 104

Smithsonian Plant Collections, Guyana: 1992–2014, Terry W. Henkel

Terry W. Henkel,
Carol L. Kelloff,
Sara N. Alexander, and
Vicki A. Funk

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ABSTRACT

Henkel, Terry W., Carol L. Kelloff, Sara N. Alexander, and Vicki A. Funk. Smithsonian Plant Collections, Guyana: 1992–2014, Terry W. Henkel. *Smithsonian Contributions to Botany*, number 104: vi + 206 pages, 23 figures, 8 maps, 4 plates, 1 table, 2016. — Part I provides the collector's notes on trips with maps in chronological order. Part II lists collection localities, with collection number ranges, habitat descriptions, geographic coordinates, and assisting collectors. Part III lists collections in numerical order with identifications and authors. Part IV lists collections ordered by determined name.

Cover images, from left: Kaieteur Falls from the bottom of the gorge; *Amauroderma* cf. *brittonii* Murrill (Fomitopsidaceae), the largest polypore fungi seen in Guyana; view of Kukuinang tepui.

All photographs in this volume are by Terry W. Henkel, courtesy of the Smithsonian Institution's Biological Diversity of the Guiana Shield Program, except as noted.

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Terry W. Henkel,[1] Carol L. Kelloff,[2] Sara N. Alexander,[2] and Vicki A. Funk[2]*

INTRODUCTION

Vicki A. Funk and Carol L. Kelloff

The Biological Diversity of the Guiana Shield Program

The Biological Diversity of the Guiana Shield (BDG) is a field-oriented program of the Smithsonian Institution's (SI) National Museum of Natural History (NMNH). For more than 30 years the goal of the BDG has been to study, document, and preserve the biological diversity of the Guiana Shield (the Shield), which includes Guyana; Suriname; French Guiana; the Venezuelan states of Amazonas, Bolívar, and Delta Amacuro; and parts of southern Colombia and far northern Brazil. Data gathering and analyses of diversity are focused on the natural units. The BDG program began in 1983 and sponsored an active field program from 1985 to the final plant expedition in 2014. Originally confined to the plants of Guyana, it grew to cover all aspects of biodiversity across the Shield.

The Shield (Figure 1) is a biologically diverse area defined by a distinct, ancient geological formation that is roughly bounded by the Atlantic Ocean to the north and east; the Orinoco River from the north and west; the Río Negro, a major tributary of the Amazon River, to the southwest; and the Amazon River (north of the Amazon Basin) to the south (Gibbs and Barron, 1993). The Orinoco River and Río Negro are connected by the Casiquiare canal, making much of this geological area function as an island. There are isolated areas in southeast Colombia that are also part of the Shield, but they are poorly explored. The Shield contains many isolated, steep-sided mountains of sandstone (tepuis) and granite (inselbergs) that along with the assortment of habitats including tropical savannas, lowland and montane forests, and montane scrub, account for the high diversity and endemicity of the flora and fauna (Berry et al., 1995; Funk and Kelloff, 2009). Unlike many other tropical regions, more than 70% of the natural habitat of the Guiana Shield remains pristine, but that has been changing rapidly in recent years. In the three Guianas (Guyana, Suriname, and French Guiana) in particular, because national governments own most of the land and the population is concentrated along the coast and major rivers, destructive development of the interior has been kept to a minimum; however, increased and extremely destructive mining and clear-cutting of the forest by foreign companies, along with subsistence agriculture and the harvesting of wild game and fish, have begun to take their toll.

Conservation efforts vary within the region. In parts of Suriname and the Venezuelan Guayana, large tracts of extremely interesting forest and their accompanying biota have already been designated for conservation. In contrast, the process of establishing protected areas is in its early stages in Guyana. Many natural areas in both Guyana and

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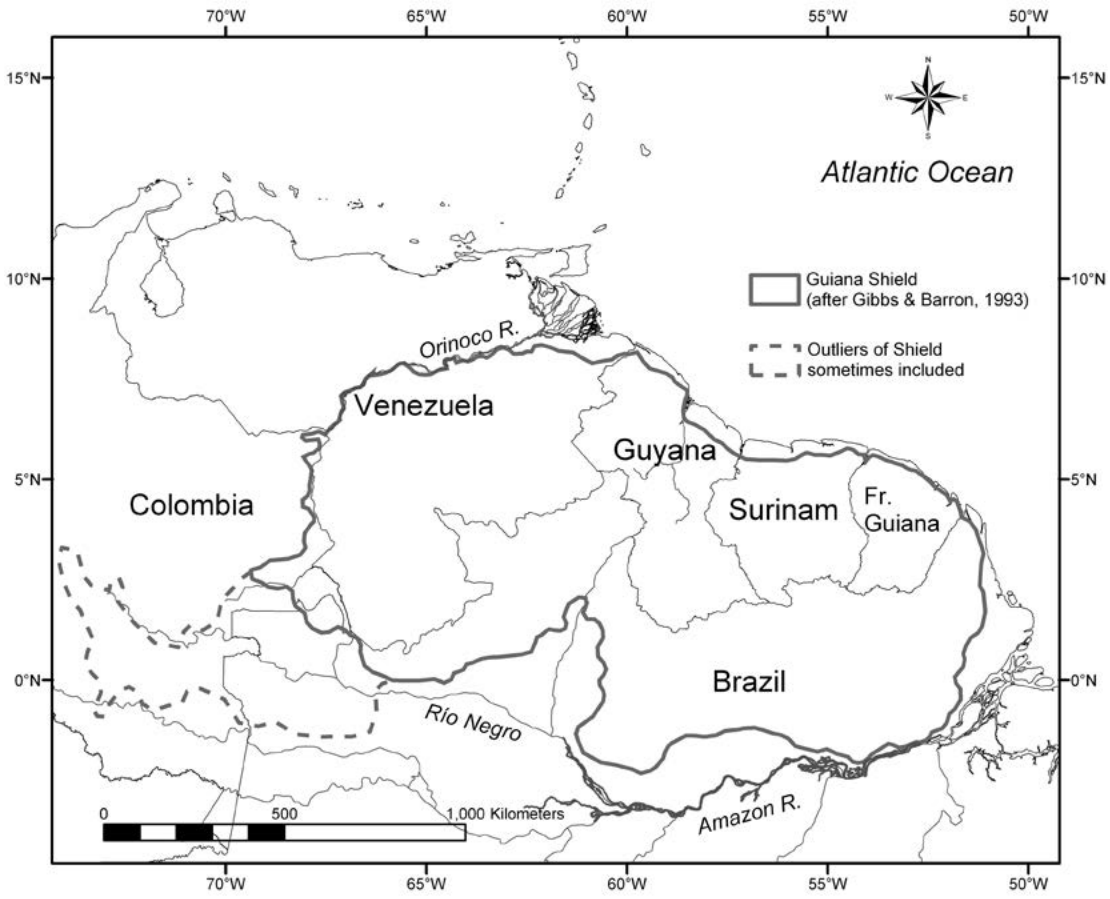

FIGURE 1. Map of the Guiana Shield area of South America. Map by Thomas H. Hollowell, Smithsonian Institution.

the Venezuelan Guayana are designated as concessions and are therefore seriously threatened by resource extraction activities, as practiced by multinational logging and mining companies. Each country has suffered degradation in certain areas due to gold miners, both legal and illegal, from inside and outside the country. It is important that we gain an understanding of the flora and fauna of the Guiana Shield in order to make informed decisions concerning critical areas that have high priority for conservation and to guide the collection of data from areas that might ultimately become degraded. In addition, because this region has been long neglected by biologists, it is often an area of "insufficient information" for analyses of many biological groups. The BDG program seeks to fill these gaps by providing specimens and data to address biodiversity questions about many groups of organisms and to assist a variety of research and conservation projects. The information has been used to produce checklists, vegetation maps, and floristic and faunistic studies. In addition, the BDG program is exploring uses of these data that will lead to a synthesis of information addressing broader biodiversity issues and understanding (Funk and Richardson, 2002; Kelloff, 2003; Kelloff and Funk, 2004; Funk et al., 2005; Hollowell and Reynolds, 2005; Hollowell, 2009; Vari et al., 2009; M. Diazgranados, Jardín Botánico de Bogotá José Celestino Mutis, Bogotá, Colombia, personal communication).

Prior to the BDG's work, Guyana was poorly known biologically, with sparse documentation of the composition and distribution of its biota. After 28 years of collecting, the BDG program has produced many works important to the understanding of Guyana's biological diversity and assisting Guyana with conservation efforts. For instance, BDG published a vegetation map of Guyana (Huber et al., 1995), as well as plant checklists for the Guianas (Boggan et al., 1997), the Guiana Shield (Hollowell et al., 2001; Funk et al., 2007), the Iwokrama area (Clarke and Funk, 1998; Clarke et al., 2001), and Kaieteur National Park (Kelloff and Funk, 1998). It has also published the *Field Checklist of the Birds of Guyana* (Braun et al., 2000, 2007). Data from the BDG program have been used in many publications; a complete list of these can be found on the program's website (http://botany.si.edu/bdg/bdgpub.html), where most are available as PDFs (Clarke and Funk, 2005; Engstrom

and Lim, 2001–present; Reynolds et al., 2001–present; Kelloff and Funk, 2004; Hollowell and Reynolds, 2005; Funk et al., 2007; Vari et al., 2009).

The *Checklist of the Terrestrial Vertebrates of the Guiana Shield* was published in 2005 (Hollowell and Reynolds, 2005). It contains all known nonfish vertebrates comprising 1,004 bird taxa, 282 mammals, 269 amphibians, and 295 reptile species and their distribution on the Shield. When compared with the number of known species worldwide, these numbers range from 3.6% for reptiles to 10% for birds. This checklist was possible because of collaboration with authors from Canada, Venezuela, Brazil, and the United States. The *Checklist of the Freshwater Fishes of the Guiana Shield* (Vari et al., 2009) was published as a companion to the terrestrial vertebrate checklist. Together, these two works represent the most current knowledge of diversity and distribution of the vertebrates of the Guiana Shield. The checklist of fishes includes 1,173 species, representing approximately 23% of the freshwater fish species from the vast expanse between southern South America and the southern border of Mexico (Reis et al., 2003) and over 4% of the 28,400 fish species recently estimated to be present in all marine and freshwater systems worldwide (Nelson, 2006; Funk and Kelloff, 2009). The *Amphibians and Reptiles of Guyana, South America* (Cole et al., 2012) was the product of a collaboration of the American Museum of Natural History, Smithsonian Institution, and Royal Ontario Museum. This publication has keys, annotated species accounts, type specimens and localities, geographic distribution, voucher specimens from Guyana, coloration in life (and often a color photograph), and comments pointing out interesting subjects for future research.

The *Checklist of the Plants of the Guiana Shield* (Funk et al., 2007) covers all vascular plants known to occur in the Guiana Shield region of northeastern South America and has a foreword by Peter Raven, president emeritus of the Missouri Botanical Garden. This checklist, along with the terrestrial vertebrates and the freshwater fishes publications, represents a new research and conservation resource that highlights three critical facets of taxonomic work: research, collections, and expeditions.

The mission of the Smithsonian Institution is the "increase and diffusion of knowledge," and for nearly 30 years the BDG program has fulfilled this mission by gathering and distributing new information. We have encouraged the production of floras and faunas of poorly known areas, participated in training students and professionals from the host countries, supplied data for the identification and preservation of biologically diverse areas, and supported interdisciplinary research. Although the program operates out of the Smithsonian, it depends on the collaboration of specialists worldwide and steady sources of funding to accomplish its goals. Currently, there are over 800 scientists and collaborators, who have produced over 1,000 publications. (See the BDG website for a full list of collaborators and other information: http://botany.si.edu/bdg/index.html.)

From 1986 until 2000, the BDG maintained a full- or part-time resident collector in Guyana. Since 2000, it has sent regular expeditions to various places across the Shield. However, the last large expedition into unexplored territory was conducted in 2012. Most expeditions collect plants, but others have collected butterflies and moths, ants, lizards, and birds. Botanical specimens collected through the program have been distributed to a network of experts for identification. Specimens from all expeditions are deposited at the Centre for the Study of Biological Diversity (CSBD) at the University of Guyana, as well as at the Smithsonian (United States) and other museums worldwide. At the time of this publication, the BDG program has collected approximately 56,000 plant numbers, representing over 270,000 individual specimens. Currently, the CSBD herbarium holds over 50,000 mounted plant collections in the east wing. The zoological collection is housed in the west wing of the building and has over 10,000 vertebrate specimens and approximately 22,000 insect collections.

To make the data available to a wider audience, the BDG has made the plant data available online (http://botany.si.edu/bdg/index.html). The BDG Specimen Search and Maps site allows visitors to search for botanical specimens collected under the BDG program by selecting a genus or species within a family or a genus within a country. In addition to displaying collection information for individual specimens, it has placed marks or dots on the maps of selected or all specimens and provides a visualization of the collection localities using Google Maps. The website also allows visitors to follow the BDG's past botany expeditions at http://botany.si.edu/bdg/expeditions.html. Expedition reports for almost all resident collectors are also available online: John J. Pipoly, Lynn J. Gillespie, Tim McDowell, Bruce Hoffman, and H. David Clarke. These reports include trip narratives, photographs taken in the field, collection locality information, and lists of specimens. Interactive maps using Google Maps allow viewers to visualize and follow along with each trip. Terry Henkel (this publication) and Karen Redden and Ken Wurdack (2004 to present) have the maps of their expedition trips and a photo gallery online. Expedition reports will be added as they are published. The field research of Patrice Mutchnick (1994–1995) and Bill Hahn (1987–1989) along with nonresident collectors will be compiled into one volume at a later date. Published versions for some of these reports are available as a PDF on the website.

Although no longer available in hard copy, other publications found on the BDG website under Plant Checklists and Publications (http://botany.si.edu/BDG/plants.html) are "Medicinal Plants of the Guianas" (DeFilipps et al., 2004) and *Ornamental Garden Plants of the Guianas* (DeFilipps, 1992) by the late SI curator Dr. Robert DeFilipps.

Why a Resident Botanist?

The BDG resident botanists played a greater role in fulfilling the Smithsonian mission than merely planning field expeditions and collecting plant specimens. They were active, dedicated, and, not insignificantly, apolitical outreach persons who represented the amiable, proconservation, and proeducation interests

of the U.S. scientific community. Although the role of the resident collector was in some ways minor compared to the totality of outreach organized by the BDG program, each resident collector was the key person in the country for keeping the collaborative relationship active over the months and years. Many of the BDG's collectors, Terry Henkel included, used their experience in Guyana to gain hands-on knowledge of tropical biology and have built upon it to enhance their careers as professional botanists. Often, they had either recently graduated with an advanced degree or would continue on to complete a masters and/or Ph.D. Most are now involved in teaching or research positions at universities, museums, or conservation organizations.

Terry W. Henkel Biosketch

The BDG hired eight full-time resident plant collectors between 1983 and 2004. Terry W. Henkel (Figure 2) was the sixth, collecting vascular plants and fungi from October 1992 to October 1994. Prior to collecting for the Smithsonian, Henkel received his B.S. in botany from Ohio University in 1983. He continued his education, receiving his M.S. degree from the University of Wyoming in 1988. His thesis, "Infectivity and Effectivity of Indigenous Vesicular Arbuscular Mycorrhizal Fungi from Contiguous Soils in the Red Desert of Wyoming," was published the same year (Henkel, 1988). Henkel later completed his Ph.D. in botany at Duke University (see below).

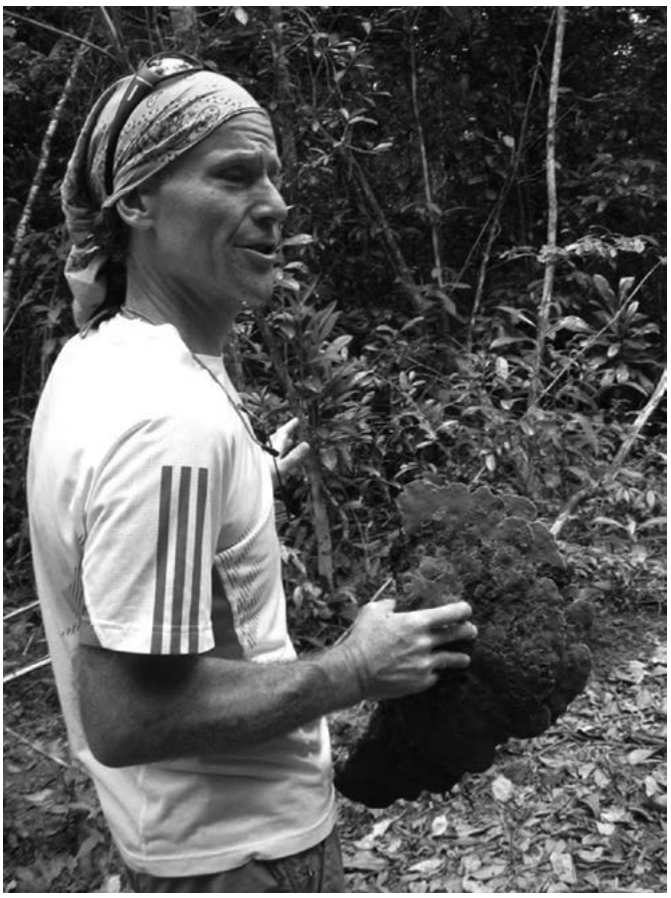

FIGURE 2. Terry W. Henkel. Photo by Raquel Thomas.

Henkel's first collecting trip in Guyana was with Bruce Hoffman (the departing resident collector) to the summit of Mount Ayanganna (2,043 m). This eroded table mountain (tepui) located in the Pakaraima Mountains is the highest tepui lying wholly within the boundaries of Guyana. Tepuis of the Roraima geological formation are well known for their high degree of plant endemicity, but Mount Ayanganna was very poorly explored at the time. This expedition was Hoffman's last and provided an overlap for training purposes. This training period was a key component of the BDG program and ensured continuity of the collecting program.

The expedition of six set out for Ayanganna in October 1992 from Imbaimadai, upper Mazaruni River, and after an arduous approach of over 64 km (40 miles) established a collecting camp at the base of the mountain. Over the next several days the team worked their way up the slopes following the old Guyana Defense Force trail and then "cutting a line" (trail) until emerging onto the first of a series of "steps" leading to the summit. Large canopy trees gave way to scrub forest. Transversing the mountain through a series of base camps, the team collected the wealth of plant diversity, noted animals, and finally reached the upper limits of the summit (1,950–2,043 m). Collections from this trip are under Hoffman's numbers and can be found in the BDG publication covering his tenure in Guyana (Alexander et al., 2014).

The Ayanganna trip was an excellent experience for Henkel and provided the experience he needed to organize his own expeditions in Guyana, including permits, logistics, safety, and effective relationships with local communities and expedition members. As resident botanist, Henkel continued an informal yet important role in cross-cultural, scientific, and general outreach to the Guyanese people. While living in the capital of Georgetown, he customarily traveled about the city by foot, bicycle, and minibus, shopping in the street markets and bakeries and commuting to the university. During his tenure in Guyana, Henkel gave several public lectures about his fieldwork and the remarkable biodiversity of Guyana's interior forests and savannas. Recently, in the context of his current research program (2010–2011) Henkel offered two field mycology workshops for station staff, rangers, and University of Guyana students located in the interior at Mabura Hill and the Iwokrama Rainforest Reserve. "Training the trainers" provides an active link between the Smithsonian's research efforts and the programs of the host country.

Romeo Williams of Buck Sands, Lower Essequibo, was originally recruited by Henkel in 1992 and served as the main field assistant on most of Henkel's expeditions. Williams has continued on as a key in-country guide and parataxonomist on

numerous Smithsonian biodiversity expeditions, particularly with later resident collector H. David Clarke. The collecting teams also normally included two to five local men, usually Amerindians, who served as essential guides, shared the hauling of supplies and specimens, and set up camps in remote areas. Strong friendships often developed between the resident botanist and the Guyanese members of the team as they shared the challenges of travel and botanical fieldwork under difficult circumstances and inclement weather. Some of the local guides that worked with Henkel were Regis James and Vibert James (Aishalton Village, south Rupununi), Leonard Williams and Valentino Joseph (Cipo Village, upper Ireng River), Marawanaro and Marife (Wai Wai Village, Essequibo River headwaters), and A. Roland and C. Roland (Chinowieng Village, upper Mazaruni River).

Scientists from other countries and institutions frequently participated in collecting expeditions organized by the resident botanist. During Henkel's time, Steve Fratello conducted many of his own expeditions to Guyana to collect butterflies and moths. He joined Henkel's expedition to Mount Wokomung in 1993, and Dr. Helen Kennedy, a Marantaceae specialist from the University of British Columbia in Vancouver, Canada, spent a week with Henkel and Bruce Hoffman collecting in the upper Mazaruni area on their joint expedition to Mount Ayanganna mentioned above.

As tradition would have it, Henkel was accompanied on his final expedition as a BDG resident botanist (1992) by Patrice Mutchnick, the succeeding and seventh BDG resident botanist. Henkel and Mutchnick collected in the Pakaraima Mountains in and around Cipo settlement and along the Sukabi River, reaching the upper Ireng River, which forms one of the borders with Brazil.

Henkel returned to the United States in 1994 to develop his Ph.D. research centering on plant/fungal systems he had discovered in Guyana. He returned to Guyana many times during his Ph.D. work, studying the ectomycorrhizal fungi associated with the *Dicymbe* (clump wallaba) monodominant forests in the Pakaraima Mountains (Henkel, 2001). He received his Ph.D. from Duke University in 2001 and in 2002 moved on to Humboldt State University, California, where he is now a professor of botany and mycology. He continues his research in Guyana, providing field experience to graduate and undergraduate students, and has been assisted on many expeditions by Mimi Chin and their son, Piakai Henkel. He has over 60 peer-reviewed papers dealing with the importance of primary tropical forests for fungal biodiversity, the impact of fungi on tree diversity, and fungal systematics. He has described, as of 2014, nearly a hundred fungal species and two genera new to science (Henkel, 1999, 2003; Henkel et al., 2000, 2002, 2004, 2005, 2010, 2011; Miller et al., 2002; Aime et al., 2003, 2010; Fulgenzi et al., 2010; also, see the Appendix for additional Henkel publications). Additionally, numerous new flowering plant taxa (eight species—see "Collections of Special Interest") were described as a result of his efforts as the BDG resident collector.

Format of Collection Information

More than 200 taxonomic specialists and other botanical professionals participated in the identification of plants collected by Terry W. Henkel. Now that 83% of these collections have been identified, this publication makes the results of his fieldwork widely available in print and online to the botanical and conservation communities. This publication also serves as a resource for many herbaria that have received duplicates of these collections because, as with all such endeavors, specialists constantly revise the determinations of specimens and data errors are discovered and corrected over time. These data are periodically updated on the "Expedition" page of the website (http://botany.si.edu/bdg/index.html).

This publication is divided into four parts. Part I contains the edited narratives drafted by Henkel on the localities, habitats, people, and events of the collecting trips. Maps are included that show each collecting trip, along with some of the place-names mentioned in the trip narratives. The maps were produced using ArcMap (ESRI, 2011) with base map coverages produced through the BDG's collaboration with the CSBD at the University of Guyana.

Part II is a detailed account of the localities where Henkel made his collections; these are listed chronologically and grouped by trip. The range of collecting numbers for each trip is indicated, as are the dates of the trip. Within each trip, specific localities, as provided by the collector, are listed with their collection number ranges, the date for those collections, latitude and longitude coordinates, elevation ranges in meters, habitat descriptions, and co-collectors. Latitude and longitude are given in degree (°), minute (′), and second (″) format.

Part III lists Henkel's collections in numerical order. Each collection number is followed by the determined plant family, the plant name including any infraspecific names that have been provided, and authors of the name. The plant name information may be checked against the synonymy provided in the *Checklist of the Plants of the Guiana Shield* (Funk et al., 2007). The authors of plant names conform to standard abbreviations (Brummitt and Powell, 1992). Plant taxonomy and systematics are changing as more information on the relationships between taxa are discovered through molecular work. New classifications are being developed and approved such as the Angiosperm Phylogeny Group III (APG III) system (Angiosperm Phylogeny Group, 2009), Chase and Reveal's (2009) phylogenetic classification of the plant families, and Haston et al.'s (2009) linear sequence of plant families. Circumscription of families is changing, taxa are moved, and some families are lost. This publication follows the classification currently used by the U.S. National Herbarium (von Dalla Torre and Harms, 1958) or where the specialist has revised the group.

Part IV lists collections by determined name, sorted by division, family, genus, and specific epithets followed by the collection numbers for each name. Specimens determined to only the family level are listed first for each family and designated as indet. (indeterminate). Specimens determined only to genus will have "sp." for the specific epithet. This section is provided to facilitate the location of specimens of interest to specialists.

The first set of all Henkel collections was distributed to the Guyana National Herbarium at the CSBD in Guyana, and the second sheet was deposited at Smithsonian's U.S. National Herbarium in Washington, D.C. Additional duplicates were distributed to other herbaria in the Americas and Europe as part of ongoing exchange programs. Anyone requiring additional information about these specimens or about the specialists and other individuals who participated in the determination of specimens may contact the Biological Diversity of the Guiana Shield Program, Smithsonian Institution, National Museum of Natural History, U.S. National Herbarium, Botany, MRC 166, P.O. Box 37012, Washington, D.C., 20013-7012, USA.

This is the sixth publication by the BDG detailing the collections of the program's resident plant collectors. The first publication covered the collections of John J. Pipoly from 1987 to 1988 (Hollowell et al., 2000), the second covered the collections of Lynn J. Gillespie from 1989 to 1991 (Hollowell et al., 2003), the third covered Tim McDowell from 1990 to 1991 (Hollowell et al., 2004), the fourth included H. David Clarke's years as the BDG botanist from 1995 to 2004 (Kelloff et al., 2011), and the fifth covered the collections of Bruce Hoffman (Alexander et al., 2014). As identification of specimens collected by other BDG botanists approaches at least 75%–80% completion, additional publications will be issued in this series.

Acknowledgments

The compilation of this collection summary would not have been possible without the work of many people who have assisted the BDG program over the years, both at the Smithsonian and in Guyana. Among these people are Tom Hollowell, Margaret and Malcolm Chan-a-Sue, Phillip DaSilva, and Romeo Williams. We also thank Fabian Michelangli of the New York Botanical Garden and Christian Feuillet of Corvallis, Oregon, for suggestions on the manuscript. The multitude of specialists, both past and present, who have helped in the determination of Terry Henkel's specimens from Guyana are listed below. This is publication number 207 in the Smithsonian's Biological Diversity of the Guiana Shield Program publication series.

We dedicate this publication to the memory of Will Ryan, an amateur botanist who participated in Henkel's expedition to the Upper Ireng River and Mount Wokomung (Trip 3). He had a keen eye that contributed to our knowledge of plant diversity of Guyana.

Contributors of Identifications

Bryophytes

Bartramiaceae: A. E. Newton
Bryaceae: A. E. Newton
Calymperaceae: A. E. Newton, W. D. Reese
Dicranaceae: A. E. Newton
Funariaceae: A. E. Newton
Hedwigiaceae: A. E. Newton
Hookeriaceae: A. E. Newton
Hypnaceae: A. E. Newton
Leucobryaceae: A. E. Newton
Meteoriaceae: A. E. Newton
Orthotrichaceae: A. E. Newton
Phyllogoniaceae: A. E. Newton
Rhizogoniaceae: A. E. Newton
Sematophyllaceae: A. E. Newton
Thuidiaceae: A. E. Newton

Liverworts

Aneuraceae: A. E. Newton
Lejeuneaceae: A. E. Newton
Lepidoziaceae: A. E. Newton
Marchantiaceae: A. E. Newton
Plagiochilaceae: A. E. Newton

Lycophytes

Lycopodiaceae: M. Boudrie, T. W. Henkel, D. B. Lellinger, G. S. McKee
Selaginellaceae: D. B. Lellinger, G. S. McKee

Pteridophytes

Adiantaceae: M. Boudrie, D. B. Lellinger, G. S. McKee, J. Prado
Aspleniaceae: D. B. Lellinger, G. S. McKee
Blechnaceae: D. B. Lellinger, G. S. McKee
Cyatheaceae: D. B. Lellinger, G. S. McKee
Dennstaedtiaceae: M. Boudrie, D. B. Lellinger, G. S. McKee
Dryopteridaceae: D. B. Lellinger, G. S. McKee
Gleicheniaceae: Jasivia Gonzales, D. B. Lellinger, G. S. McKee
Grammitidaceae: R. Y. Hirai, C. L. Kelloff, P. H. Labiak, D. B. Lellinger, G. S. McKee, A. L. Moguel
Hymenophyllaceae: D. B. Lellinger, G. S. McKee, R. C. Moran
Lomariopsidaceae: D. B. Lellinger, G. S. McKee
Lygodiaceae: M. Boudrie, G. Cremers, D. B. Lellinger, G. S. McKee
Marattiaceae: D. B. Lellinger, G. S. McKee, C. R. Rolleri
Metaxyaceae: D. B. Lellinger, G. S. McKee
Oleandraceae: D. B. Lellinger, G. S. McKee
Ophioglossaceae: G. S. McKee
Polypodiaceae: D. B. Lellinger, G. S. McKee
Pteridaceae: D. B. Lellinger, G. S. McKee
Schizaeaceae: C. L. Kelloff, D. B. Lellinger, G. S. McKee
Tectariaceae: D. B. Lellinger, G. S. McKee
Thelypteridaceae: D. B. Lellinger, G. S. McKee
Vittariaceae: D. B. Lellinger, G. S. McKee
Woodsiaceae: D. B. Lellinger, G. S. McKee

Gymnosperms

Gnetaceae: L. J. Gillespie, T. W. Henkel, S. Stuber

Dicots

Acanthaceae: M. J. Jansen-Jacobs, D. Wasshausen
Amaranthaceae: J. K. Boggan
Anacardiaceae: T. W. Henkel, P. Hiepko, J. D. Mitchell
Annonaceae: L. W. Chatrou, T. W. Henkel, D. M. Johnson, C. L. Kelloff, P. J. M. Maas, O. Muller, U. Scharf, M. Sewell, C. M. van Zuilen
Apiaceae: J. K. Boggan
Apocynaceae: W. C. Allen, L. Allorge, T. W. Henkel, T. Hollowell, R. L. Liesner, J. F. Morales, G. Morillo, M. Sewell
Aquifoliaceae: H. D. Clarke, M. Sewell, E. Tripp
Araliaceae: J. K. Boggan, T. W. Henkel, J. C. Lindeman
Asclepiadaceae: G. Morillo, W. D. Stevens
Balanophoraceae: J. K. Boggan, B. Hansen
Bataceae: R. A. DeFilipps
Begoniaceae: S. F. Smith
Bignoniaceae: S. N. Alexander, K. Dattilo, S. O. Grose, M. J. Jansen-Jacobs, J. L. Luteyn, A. M. W. Mennega, H. S. Rogers
Bixaceae: L. J. Dorr, M. Sewell
Bombacaceae: L. J. Dorr, T. W. Henkel, M. Sewell, E. Tripp
Bonnetiaceae: C. L. Kelloff, A. Weitzman
Boraginaceae: C. Feuillet, T. W. Henkel, J. E. Miller, J. S. Miller, M. Nee, M. N. S. Stapf, C. M. Taylor
Burseraceae: D. Daly, T. W. Henkel, M. Sewell
Cactaceae: B. Crozier, B. E. Leuenberger, M. Sewell
Campanulaceae: J. K. Boggan, R. A. DeFilipps, S. O. Grose, C. L. Kelloff, M. Sewell
Capparaceae: R. A. DeFilipps, H. H. Iltis, G. P. Lewis
Caryocaraceae: A. Goldberg, T. W. Henkel, G. T. Prance
Cecropiaceae: C. C. Berg, T. W. Henkel
Celastraceae: J. K. Boggan, A. Goldberg, T. W. Henkel, R. L. Liesner, S. A. Mori, M. Sewell
Chenopodiaceae: R. A. DeFilipps
Chloranthaceae: M. Sewell
Chrysobalanaceae: T. W. Henkel, G. T. Prance, M. Sewell, S. Sterns
Clusiaceae: R. L. Liesner, J. J. Pipoly, G. T. Prance, N. Robson, M. Sewell, A. Weitzman
Combretaceae: G. T. Prance, C. A. Stace
Compositae: V. A. Funk, J. Pruski, H. Robinson
Connaraceae: S. N. Alexander, R. C. Barneby, J. E. Dodge, R. L. Liesner, J. J. Pipoly
Convolvulaceae: D. F. Austin, A. Goldberg, T. Hollowell, S. Stuber
Cucurbitaceae: C. Jeffrey, E. Lucas, M. Nee, D. Zappi
Cunoniaceae: R. A. DeFilipps, R. L. Liesner
Cyrillaceae: J. Cislinski-Yesilyurt
Dichapetalaceae: J. K. Boggan, G. T. Prance
Dilleniaceae: G. Aymard, C. N. de Fraga, T. W. Henkel, C. L. Kelloff
Droseraceae: T. W. Henkel, C. L. Kelloff
Ebenaceae: P. E. Berry, J. C. Lindeman, C. Sothers
Elaeocarpaceae: L. J. Dorr, T. W. Henkel, M. Sewell
Ericaceae: J. L. Luteyn
Erythroxylaceae: P. E. Berry, M. Sewell
Euphorbiaceae: P. E. Berry, H. J. Esser, L. J. Gillespie, T. W. Henkel, T. Hollowell, R. L. Liesner, J. Murillo, W. Punt, M. Sewell, G. L. Webster, K. J. Wurdack
Flacourtiaceae: M. H. Alford, R. L. Liesner, J. C. Lindeman, J. J. Pipoly, M. Sewell
Gentianaceae: J. K. Boggan, A. Brouwer, L. Cobb, C. L. Kelloff, K. B. Lepis, R. L. Liesner, H. Maas, P. J. M. Maas, U. P. D. Raghoenandan, M. Sewell, S. F. Smith
Gesneriaceae: J. K. Boggan, C. Feuillet, L. E. Skog
Hippocrateaceae: A. R. A. Görts-van Rijn, J. A. Lombardi, A. M. W. Mennega, O. Poncy
Hugoniaceae: M. Sewell
Humiriaceae: J. Cuatrecasas, T. W. Henkel
Hydrophyllaceae: J. K. Boggan, R. A. DeFilipps
Icacinaceae: A. C. de Roon, C. L. Kelloff, R. L. Liesner
Ixonanthaceae: M. Sewell
Lacistemataceae: C. L. Kelloff, J. J. Pipoly
Lamiaceae: R. M. Harley, M. J. Jansen-Jacobs, R. L. Liesner, L. Walsingham
Lauraceae: A. Chanderbali, T. W. Henkel, C. L. Kelloff, M. Sewell, H. van der Werff
Lecythidaceae: T. W. Henkel, Ya-Yi Huang, S. A. Mori
Leguminosae-Caesalpinioideae: R. C. Barneby, A. Goldberg, T. W. Henkel, G. P. Lewis, J. J. Pipoly, K. M. Redden, M. Sewell
Leguminosae-Faboideae: R. C. Barneby, H. D. Clarke, A. M. de Carvalho, J. Grimes, T. W. Henkel, R. B. Pinto, K. M. Redden, V. Rudd, M. Sewell, M. Sousa, B. M. Torke
Leguminosae-Mimosoideae: R. C. Barneby, J. E. Ebinger, J. Grimes, T. W. Henkel, O. Poncy, K. M. Redden, D. S. Seigler, M. Sewell
Lentibulariaceae: P. Taylor
Lissocarpaceae: B. Wallnöfer
Loganiaceae: D. Daly, F. J. Fernández Casas, R. L. Liesner, J. J. Pipoly, J. Pruski, M. Sewell, D. Wasshausen
Loranthaceae: J. Kuijt
Lythraceae: J. K. Boggan, A. Lourteig
Malpighiaceae: W. R. Anderson, C. Anderson, T. W. Henkel
Malvaceae: L. J. Dorr, P. A. Fryxell
Marcgraviaceae: J. K. Boggan, A. C. de Roon, S. Dressler, T. Hollowell, S. Stuber
Melastomataceae: F. Almeda, A. Freire-Fierro, T. W. Henkel, T. Hollowell, C. Martin, F. A. Michelangeli, D. Penneys, S. S. Renner, A. Trojnar, J. J. Wurdack
Meliaceae: R. L. Liesner, T. D. Pennington
Mendonciaceae: D. Wasshausen
Menispermaceae: L. J. Dorr, P. Hiepko
Monimiaceae: J. J. Pipoly

Moraceae: C. C. Berg, T. W. Henkel, M. Sewell
Myristicaceae: T. W. Henkel, J. J. Pipoly, M. Sewell
Myrsinaceae: J. Cislinski-Yesilyurt, J. J. Pipoly
Myrtaceae: B. K. Holst, L. R. Landrum, R. L. Liesner, J. C. Lindeman, F. F. Mazine, E. Nic Lughadha, M. Sewell
Nyctaginaceae: R. A. DeFilipps, R. L. Liesner
Nymphaeaceae: C. N. Horn
Ochnaceae: C. Sastre, M. Sewell
Olacaceae: J. K. Boggan, A. Goldberg, P. Hiepko, P. J. M. Maas, M. Sewell
Onagraceae: P. E. Berry, E. Zardini
Opiliaceae: P. Hiepko, M. Sewell
Oxalidaceae: A. Lourteig, M. Nee
Passifloraceae: C. Feuillet
Pedaliaceae: D. Bedigian, J. K. Boggan
Phytolaccaceae: R. A. DeFilipps, C. L. Kelloff
Picramniaceae: R. L. Liesner, J. J. Pipoly, W. W. Thomas
Piperaceae: R. Callejas, M. J. M. Christenhusz, A. R. A. Görts-van Rijn, M. A. Jaramillo, G. Mathieu
Podostemaceae: C. L. Kelloff
Polygalaceae: G. Aymard, A. Jacobs-Brouwer, M. J. Jansen-Jacobs, R. L. Liesner, P. J. M. Maas, M. Sewell, S. Stuber, J. J. Wurdack
Polygonaceae: J. Brandbyge, R. L. Liesner
Portulacaceae: R. A. DeFilipps
Proteaceae: K. S. Edwards, V. Plana, M. Sewell
Quiinaceae: A. Goldberg, S. F. Smith, G. Zizka
Rhamnaceae: M. Sewell
Rhizophoraceae: J. J. Floret, T. Hollowell
Rubiaceae: J. K. Boggan, R. Cortés, C. B. Costa, P. G. Delprete, A. Goldberg, T. W. Henkel, C. L. Kelloff, S. A. Khan, S. Malcomber, C. Persson, M. Sewell, E. B. Souza, C. M. Taylor, A. Vicentini, D. Zappi
Rutaceae: S. N. Alexander, J. Kallunki
Sapindaceae: P. Acevedo-Rdgz., P. G. Delprete, T. W. Henkel, T. D. Pennington, M. Sewell, G. V. Somner
Sapotaceae: T. W. Henkel, T. D. Pennington, M. Sewell
Scrophulariaceae: N. H. Holmgren, C. N. Horn, M. J. Jansen-Jacobs, J. L. Strong
Simaroubaceae: T. W. Henkel, W. Thomas
Siparunaceae: J. J. Pipoly, S. S. Renner
Solanaceae: J. K. Boggan, M. Nee
Sterculiaceae: L. J. Dorr, T. W. Henkel
Styracaceae: P. W. Fritsch
Symplocaceae: C. L. Kelloff, J. J. Pipoly
Ternstroemiaceae: C. L. Kelloff
Theophrastaceae: J. C. Lindeman
Thymelaeaceae: M. Sewell
Tiliaceae: L. J. Dorr
Trigoniaceae: C. L. Kelloff
Turneraceae: M. M. Arbo, C. Feuillet, J. C. Lindeman
Ulmaceae: J. K. Boggan, S. O. Grose
Verbenaceae: S. Atkins, J. K. Boggan, T. Hollowell, M. J. Jansen-Jacobs, C. L. Kelloff, R. L. Liesner, M. Nee, M. Sewell, D. Wasshausen
Violaceae: H. E. Ballard, H. D. Clarke, D. Daly, W. H. A. Hekking, J. Rhodes, M. Sewell, J. Stern, S. Stern
Viscaceae: J. Kuijt
Vitaceae: P. E. Berry, J. C. Solomon
Vochysiaceae: T. W. Henkel, S. A. Mori, M. Sewell

Monocots

Agavaceae: R. A. DeFilipps
Alismataceae: J. K. Boggan, C. L. Kelloff
Araceae: T. B. Croat, D. H. Nicolson
Arecaceae: J. J. de Granville, A. Henderson, T. W. Henkel
Bromeliaceae: J. K. Boggan, E. J. Gouda, B. K. Holst, C. L. Kelloff, H. E. Luther
Burmanniaceae: C. L. Kelloff, H. Maas, P. J. M. Maas
Cannaceae: H. Kennedy
Commelinaceae: R. B. Faden
Costaceae: P. J. M. Maas, C. D. Specht
Cyclanthaceae: J. K. Boggan, S. Stern, E. Tripp
Cyperaceae: M. Ales, A. C. Araujo, K. Camelbeke, R. Kral, G. Moore, M. T. Strong, G. C. Tucker
Eriocaulaceae: W. C. Allen, A. Diaz, M. Hakki, N. Hensold, M. T. Strong, M. M. Unwin
Haemodoraceae: J. K. Boggan, M. Sewell, S. F. Smith
Heliconiaceae: T. W. Henkel, W. J. Kress, P. J. M. Maas, C. D. Specht
Iridaceae: J. K. Boggan, C. L. Kelloff
Liliaceae: J. K. Boggan, R. A. DeFilipps, A. Goldberg, M. Sewell
Marantaceae: K. Hoenselaar, H. Kennedy, P. J. M. Maas, H. H. C. Raijmakers
Orchidaceae: M. A. Blanco, G. Carnevali, E. A. Christenson, W. Forster, P. J. M. Maas, P. Ormerod
Poaceae: R. M. Baldin, G. Davidse, E. J. Judziewicz, X. Londoño
Pontederiaceae: J. K. Boggan, C. N. Horn
Rapateaceae: P. E. Berry, C. L. Kelloff
Smilacaceae: R. A. DeFilipps, L. Ferrufino, C. L. Kelloff
Thurniaceae: M. T. Strong
Triuridaceae: C. L. Kelloff
Xyridaceae: P. E. Berry, R. Kral, M. T. Strong
Zingiberaceae: P. J. M. Maas, C. D. Specht

Collections of Special Interest

Collection number	Family	Genus and species	Note
43	Malpighiaceae	*Heteropterys maguirei* W. R. Anderson; det. W. R. Anderson, 1995	Second collection, new to Guyana (fide Anderson)
77	Gleicheniaceae	*Sticherus hypoleucus* (Sodiro) Copel.; det. J. Gonzales R., 2003	First collection for the Guianas
84	Asclepiadaceae	*Matelea funkiana* Morillo; det. G. Morillo, 1995	Second collection of species (fide Morillo)
85	Ochnaceae	*Adenanthe ciliata* Sastre; det. C. Sastre, 1998	Holotype ; isotype
88	Cyperaceae	*Rhynchospora ayangannensis* M. T. Strong; det. M. T. Strong, 1999	Isotype
91	Dicranaceae	*Eucamptodontopsis tortuosa* H. Rob.; det. A. E. Newton, 1994	New record for Guianas (fide Newton)
105	Gleicheniaceae	*Sticherus tepuiensis* A. R. Sm.; det. J. Gonzales R., 2003	First collection for the Guianas? Distributed as *Gleichenia bifida*, det. Lellinger, 1994
106	Gleicheniaceae	*Sticherus nervatus* J. Gonzales; det. J. Gonzales R., 2003	First collection for the Guianas, distributed as *Sticherus pennigera* (Mart.) T. Moore, det. Lellinger, 1994
112	Adiantaceae	*Eriosorus hispidulus* var. *hispidulus* (Kunze) Vareschi; det. D. B. Lellinger, 1994	First record for the Guianas
113	Blechnaceae	*Blechnum proliferum* Rosenst.; det. D. B. Lellinger, 1994	New record for checklist
128	Compositae	*Mikania boomii* Pruski; det. J. Pruski, 1994	Second collection of this species (fide Pruski)
138	Cyperaceae	*Machaerina ayangannensis* M. T. Strong; det. M. T. Strong, 1994	Isotype
169	Gesneriaceae	*Napeanthus rupicola* Feuillet & L. E. Skog	Paratype
319	Piperaceae	*Piper baccans* (Miq.) C. DC.; det. R. Callejas, 2000	First collection for the Guianas
409	Orchidaceae	*Brassia chloroleuca* Barb. Rodr.; det. E. A. Christenson, 1995	Neotype
515	Clusiaceae	*Caraipa grandifolia* Mart.; det. J. J. Pipoly, 1999	First record for the Guianas
722	Hymenophyllaceae	*Trichomanes vandenboschii* P. G. Windisch; det. D. B. Lellinger, 1994	First record for Guyana
734	Thelypteridaceae	*Thelypteris hostmannii* (Klotzsch) C. V. Morton; det. D. B. Lellinger, 1994	First record for Guyana
832	Thelypteridaceae	*Thelypteris hostmannii* (Klotzsch) C. V. Morton; det. D. B. Lellinger, 1994	First record for Guyana
846	Poaceae	*Paspalum corcovadense* Raddi; det. E. J. Judziewicz, 1994	Possibly sp. nov., second Guianas collection (fide Judziewicz)
873	Blechnaceae	*Blechnum brasiliense* Desv.; det. D. B. Lellinger, 1994	New record for checklist
875	Cyatheaceae	*Cnemidaria spectabilis* (Kunze) R. M. Tryon; det. G. S. McKee, 1999	First record for Guyana
937	Erythroxylaceae	*Erythroxylon tianguanum*; det. J. E. Dodge, 2012	New record for checklist
946	Piperaceae	*Peperomia quadrifolia* (L.) Kunth; det. A. R. A. Görts-van Rijn, 1996	New to Guianas

COLLECTIONS OF SPECIAL INTEREST (*CONTINUED*).

Collection number	Family	Genus and species	Note
980	Polypodiaceae	*Campyloneurum angustifolium* (Sw.) Fée; det. D. B. Lellinger, 1994	First record for Guyana
986	Aspleniaceae	*Asplenium claussenii* Hieron.; det. D. B. Lellinger, 1994	New record for checklist
990	Polypodiaceae	*Polypodium fraxinifolium* Jacq.; det. D. B. Lellinger, 1994	New record for checklist
994	Tectariaceae	*Ctenitis paranaensis* (C. Chr.) Sehnem; det. D. B. Lellinger, 1994	New record for Guianas (fide Lellinger)
999	Orchidaceae	*Pleurothallis erinacea*; det. E. A. Christenson, 1994	New record for Guyana
1000	Balanophoraceae	*Langsdorffia hypogaea* Mart.; det. J. K. Boggan, 1994; !B. Hansen, 1994	Second collection in the Guianas, first with exact locality information
1001	Ochnaceae	*Ouratea elongata* Sastre; det. C. Sastre, 2001	Type
1034	Passifloraceae	*Passiflora angusta* Feuillet & J. M. MacDougal	Paratype
1053	Clusiaceae	*Moronobea ptaritepuiana* Steyerm.; det. J. J. Pipoly, 1999	New to Guianas
1071	Clusiaceae	*Clusia robusta* Eyma; det. J. J. Pipoly, 1999	First record for Guyana
1085	Bromeliaceae	*Tillandsia fendleri* var. *reducta* (L. B. Sm.) L. B. Sm.; det. E. J. Gouda, 1997	First record for the Guianas
1106	Passifloraceae	*Passiflora ascidia* Feuillet	Paratype
1133	Orchidaceae	*Lepanthopsis floripecten*; det. E. A. Christenson, 1994	New record for Guyana
1143	Rubiaceae	*Psychotria vellosiana* Benth.; det. C. M. Taylor, 1998	First record for the Guianas
1156	Annonaceae	*Guatteria minutiflora* Scharf & Maas; det. P. J. M. Maas, 1994	Isotype
1212	Poaceae	*Paspalum corcovadense* Raddi; det. E. Judziewicz, 1998	Second collection in Guianas, possibly sp. nov.
1287	Lomariopsidaceae	*Elaphoglossum nigrescens* (Hook.) T. Moore ex Diels; det. D. B. Lellinger, 1994	New record for checklist
1288	Grammitidaceae	*Grammitis randallii* (Maxon) Proctor; det. D. B. Lellinger, 1994	New record for checklist
1315	Marchantiaceae	*Dumortiera hirsuta* Nees; det. A. E. Newton, 1998	First record for Guyana
1319	Costaceae	*Costus comosus* var. *bakeri* (K. Schum.) Maas; det. C. D. Specht, 2004	First collection for the Guiana Shield
1334	Melastomataceae	*Clidemia buntingii* Wurdack; det. J. Wurdack, 1993	First record of this species for the Guianas
1342	Myrtaceae	*Eugenia latifolia* Aubl.; det. B. K. Holst, 1996	New record for Guyana
1362	Passifloraceae	*Passiflora balbis* Feuillet	Paratype
1375	Cyatheaceae	*Cnemidaria cruciata* (Desv.) Stolze; det. D. B. Lellinger, 1994	First record for Guyana
1379	Grammitidaceae	*Lellingeria randallii* (Maxon) A. R. Sm. & R. C. Moran; det. P. H. Labiak, 2009	New record for checklist

Collection number	Family	Genus and species	Note
1396	Lomariopsidaceae	*Elaphoglossum nigrescens* (Hook.) T. Moore ex Diels; det. D. B. Lellinger, 1994	New record for checklist
1398	Selaginellaceae	*Selaginella pruskiana* Valdespino; det. D. B. Lellinger, 1994	New record for checklist
1399	Selaginellaceae	*Selaginella seemannii* Baker; det. D. B. Lellinger, 1994	First record for Guyana
1415	Orchidaceae	*Dichaea hystricina* Rchb. f.; det. G. Carnevali, 2004	First collection for the Guianas?
1423	Polypodiaceae	*Phlebodium pseudoaureum*; det. D. B. Lellinger, 1994	New record for checklist
1435b	Hookeriaceae	*Cyclodictyon varians* (Sull.) Kuntze; det. A. E. Newton, 1993	First record for Guyana
1437a	Hookeriaceae	*Cyclodictyon varians* (Sull.) Kuntze; det. A. E. Newton, 1993	First record for Guyana
1444	Orchidaceae	*Trichopilia wageneri* Rchb. f.; det. E. A. Christenson, 1995	New to Guyana (fide Christenson)
1449	Rubiaceae	*Sipaneopsis cururuensis* J. H. Kirkbr.; det. C. M. Taylor, 1999	First collection for the Guianas
1453	Rubiaceae	*Schradera nilssonii* Steyerm.; det. C. M. Taylor, 2002	First collection for the Guianas
1472	Rubiaceae	*Psychotria glandulicalyx* Steyerm.; det. C. M. Taylor, 2001	First collection for the Guianas
1509a	Leucobryaceae	*Leucobryum albicans* (Schwaegr.) Lindb.; det. A. E. Newton, 1994	New record for checklist
1528	Poaceae	*Rhipidocladum maxonii* (Hitchc.) McClure; det. E. Judziewicz, 1997	Possibly a new species
1531	Poaceae	*Neurolepis angusta* Swallen; det. E. Judziewicz, 1997	New genus for the Guianas; possibly sp. nov.
1556b	Hookeriaceae	*Stenodictyon wrightii* (Sull. & Lesq.) Crosby; det. A. E. Newton, 1994	First record for the Guianas
1558a	Hookeriaceae	*Stenodictyon wrightii* (Sull. & Lesq.) Crosby; det. A. E. Newton, 1994	First record for the Guianas
1558b	Callicostaceae	*Thamniopsis undata* (Hedw.) W. R. Buck; det. A. E. Newton, 1994	First record for the Guianas?
1656	Myrsinaceae	*Myrsine maguireana* Pipoly; det. J. Pipoly, 1995	New for Guyana (fide Pipoly)
1661	Cyatheaceae	*Cyathea platylepis* (Hook.) Domin; det. D. B. Lellinger, 1994	New record for checklist
1770	Malpighiaceae	*Heteropterys siderosa* Cuatrec.; det. W. R. Anderson, 1995	New to Guyana (fide Anderson)
1984	Myrsinaceae	*Stylogyne orinocensis* (Kunth) Mez; det. J. J. Pipoly, 1999	First record for the Guianas
2185	Piperaceae	*Piper insipiens* Trel. & Yunck.; det. R. Callejas, 2000	Paratype of *P. ciliomarginatum*, fide Görts-van Rijn & Christenhusz, 2001
2215	Piperaceae	*Piper cililimbum* Yunck.; det. R. Callejas, 2000	First collection for the Guianas.

COLLECTIONS OF SPECIAL INTEREST (*CONTINUED*).

Collection number	Family	Genus and species	Note
2231	Piperaceae	*Piper ciliomarginatum* Görts & Christenhusz; det. A. R. A. Görts-van Rijn & M. J. M. Christenhusz, 2005	Type
2464	Icacinaceae	*Pleurisanthes parviflora* (Ducke) R. A. Howard; det. R. L. Liesner, 1998	First record for Guyana
2783	Cyperaceae	*Scleria longigluma* Kük.; det. M. T. Strong, 1994; !K. Camelbeke, 1999	New for Guyana (fide Strong)
2787	Poaceae	*Axonopus eminens* (Nees) G. A. Black; det. E. Judziewicz, 1997	First record for Guyana
2950	Fabaceae	*Bauhinia aculeata* L.; det. R. Barneby, 1994	New record for checklist
3004	Orchidaceae	*Epidendrum ibaguense* Lindl.; det. G. Carnevali, 2002	Det. *Epidendrum fraudulentum* by E. Hagstater, 1998; if true, then new to Guianas
3103	Orchidaceae	*Aspidogyne confusa* (C. Schweinf.) Garay; det. P. Ormerod, 2007	New record for Guyana, fide Ormerod
3156	Lecythidaceae	*Eschweilera parvifolia* Mart. ex DC.; det. S. A. Mori, 1994	Rarely collected in Guyana (fide Mori)
3312	Orchidaceae	*Octomeria complanata* C. Schweinf.; det. E. A. Christenson, 1994	New record for Guianas
3332	Convolvulaceae	*Calycobolus glaber* (Kunth) House; det. A. Goldberg, 1995	New genus and species for the Guianas
3445	Passifloraceae	*Passiflora balbis* Feuillet; det. C. Feuillet	Paratype
3488	Passifloraceae	*Passiflora balbis* Feuillet; det. C. Feuillet	Paratype
3570	Orchidaceae	*Encyclia conchaechila* (Barb. Rodr.) Porto & Brade; det. G. Carnevali, 2004	New to the Guianas; distributed as *E. chloroleuca*, det. Christenson, 1995
3688	Rubiaceae	*Sabicea parva* var. *brachycalyx* Wernham; det. S. A. Khan, 2007	New to Guianas; distributed as *S. oblongifolia*, det. Taylor, 1995
3715	Orchidaceae	*Encyclia pilosa* (C. Schweinf.) Carnevali & I. Ramírez; det. G. Carnevali, 2003	First collection for the Guianas; distributed as *E. chloroleuca*, det. E. A. Christenson, 1995
3725	Passifloraceae	*Passiflora balbis* Feuillet; det. C. Feuillet	Paratype
3735	Leguminosae–Faboideae	*Crotalaria sagittalis* L.; det. R. C. Barneby, 1996	New to Guianas
3746	Bromeliaceae	*Bromelia goeldiana* L. B. Sm.; det. B. K. Holst, 1997	First record for Guyana
3812	Rubiaceae	*Randia brevipes* Steyerm.; det. C. M. Taylor, 2001 (ex. char.)	New to Guianas? Distributed as *Randia* sp.
3821	Moraceae	*Ficus roraimensis* C. C. Berg; det. C. C. Berg, 1996	First record from Guyana, second record of the species
3822	Passifloraceae	*Passiflora balbis* Feuillet; det. C. Feuillet	Paratype
3966	Polygalaceae	*Polygala timoutoides* var. *maguirei* (Wurdack) Marques; det. G. Aymard, 1999	New to Guianas
3978a	Cyperaceae	*Cyperus flavescens* L.; det. M. T. Strong, 1995; !G. C. Tucker, 2002	New for Guyana (fide Strong)
4247	Orchidaceae	*Maxillaria kelloffiana* Christenson; det. E. A. Christenson, 2009	Paratype
4279	Annonaceae	*Guatteria pakaraimae* Scharf & Maas; det. U. Scharf & P. J. M. Maas, 2005	Isotype

Collection number	Family	Genus and species	Note
4392	Aspleniaceae	*Asplenium dissectum* Sw.; det. G. S. McKee, 2000	New to Guianas (also from Roraima, fide A. R. Smith)
4400	Loranthaceae	*Cladocolea nitida* Kuijt; det. J. Kuijt, 2003	Holotype; isotype
4406	Blechnaceae	*Blechnum divergens* (Kunze) Mett.; det. G. S. McKee, 2000	New to Guianas
4412	Piperaceae	*Piper duidaense*; det. A. R. A. Görts-van Rijn & M. J. M. Christenhusz, 2001	Second collection for the Guianas
4441	Gleicheniaceae	*Gleichenia lechleri* Mett.; det. D. B. Lellinger, 1995	First record for Guyana
4441a	Gleicheniaceae	*Sticherus melanoblastus* (Alston) E. Ø. Andersen & B. Øllg.; det. J. Gonzales R., 2003	Possible first record for the Guianas
4444	Passifloraceae	*Passiflora aages* Feuillet	Type
4458	Clusiaceae	*Clusia capituliflora* Pipoly; det. J. J. Pipoly, 1995	Type
4489	Annonaceae	*Guatteria alticola* Scharf & Maas; det. U. Scharf & P. J. M. Maas, 2004	Paratype
4493	Poaceae	*Aulonemia nitida* Judz.; det. E. Judziewicz, 1997	To be designated as type collection, fide Judziewicz, 2004; all collections sterile to date
4499	Passifloraceae	*Passiflora balbis* Feuillet	Paratype
4553	Rapateaceae	*Monotrema aemulans* Körn.; det. P. E. Berry, 1995	New records for Guianas (fide Berry)
4569	Hippocrateaceae	*Cheiloclinium brevipetiolatum* Lombardi; det. J. A. Lombardi, 2010	Paratype
4591	Polypodiaceae	*Microgramma lycopodioides* (L.) Copel.; det. G. S. McKee, 1999	First record for the Guianas
4656	Araceae	*Philodendron panduriforme* (Kunth) Kunth; det. T. Croat, 1997	New to Guianas; distributed as *Philodendron* sp. Nicolson, 1995
4713	Annonaceae	*Guatteria megalophylla* Diels; det. P. J. M. Maas, 1995; !O. Muller & P. J. M. Maas, 1999	New for the Guianas (fide Maas)
4741	Cyperaceae	*Hypolytrum stemonifolium* T. Koyama; det. M. T. Strong, 1995	New for Guianas (fide M. T. Strong)
4752	Gentianaceae	*Voyria acuminata* Benth.; det. P. J. M. Maas, 2002	First collection for the Guianas
4764	Marantaceae	*Calathea cannoides* (Nicolson et al.) H. Kenn.; det. P. J. M. Maas & H. Maas, 2008	New to Guyana
4773	Rhizophoraceae	*Cassipourea elliptica* (Sw.) Poir.; det. J. J. Floret, 1996	First record for the Guianas
4819	Bromeliaceae	*Guzmania calothyrsus* Mez; det. H. E. Luther, 1995	First collection for Guyana (fide Luther)
4857	Adiantaceae	*Adiantum* sp. nov.; det. D. B. Lellinger, 1998	Possible new species
4873	Melastomataceae	*Miconia carassana* Cogn.; det. F. Almeda & D. Penneys, 2005	First collection for the Guianas
4911	Myrtaceae	*Eugenia ferreiraeana* O. Berg; det. B. K. Holst, 1995	New for Guyana (fide Holst)

COLLECTIONS OF SPECIAL INTEREST (*CONTINUED*).

Collection number	Family	Genus and species	Note
4913	Sterculiaceae	*Theobroma obovatum* Klotzsch ex Bern.; det. L. J. Dorr, 1995	First record for Guianas (fide Dorr)
4969	Dennstaedtiaceae	*Saccoloma inaequale* (Kunze) Mett.; det. G. S. McKee, 2009	New to Guianas
4982	Melastomataceae	*Miconia carassana* Cogn.; det. F. Almeda & D. Penneys, 2005	Second collection for the Guianas
5014	Costaceae	*Costus longebracteolatus* Maas; det. P. J. M. Maas, 1996	First record for the Guianas
5015	Solanaceae	*Solanum circinatum* Bohs; det. M. Nee	First record for the Guianas
5029	Euphorbiaceae	*Croton palanostigma* Klotzsch; det. J. Murillo, 1997	First record for Guyana
5258	Cyperaceae	*Rhynchospora amazonica* ssp. *amazonica* Poepp. & Kunth; det. M. T. Strong, 1995	New for Guyana (fide Strong)
5328	Sapindaceae	*Paullinia tricornis* Radlk.; det. G. V. Somner, 1999; !P. Acevedo-Rdgz., 2010	First record for Guyana
5398	Hippocrateaceae	*Cheiloclinium brevipetiolatum* Lombardi; det. J. A. Lombardi, cited 2010	Paratype
5522	Myrtaceae	*Psidium laruotteanum* Cambess.; det. L. R. Landrum, 1997	First collection for the Guianas
5550	Cyperaceae	*Rhynchospora steyermarkii* T. Koyama; det. M. T. Strong, 1996	First record for the Guianas
5584	Compositae	*Gochnatia oligocephala* (Gardner) Cabrera; det. V. A. Funk & H. Robinson, 1999	New Genus for the Guianas
5603	Piperaceae	*Piper ovatum* Vahl; det. R. Callejas, 2000	First collection for the Guianas; distributed as *Piper bartlinganum* by Görts & Christenhusz, 2001
5894	Schizaeaceae	*Anemia millefolia* (Gardner) C. Presl; det. D. B. Lellinger & G. S. McKee, 1997	First record for the Guianas
5989	Orchidaceae	*Maxillaria kelloffiana* Christenson; det. E. A. Christenson, 2009	Holotype
6009	Euphorbiaceae	*Mabea rubicunda* Jabl.; det. H. J. Esser, 1998	First record outside of Kaieteur
6010	Passifloraceae	*Passiflora ascidia* Feuillet; det. C. Feuillet	Paratype
6047	Malpighiaceae	*Heteropterys guianensis* W. R. Anderson; det. W. R. Anderson, 1998	Type collection

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I. Expedition Narratives and Maps

(For detailed collection localities and collection numbers, see Part II: Collecting Localities.)

During an expedition the goal is to document the botanical diversity of a georeferenced collecting locality chosen by the expedition leader. In each locality attempts are made to collect plants of as many different growth habits and types as possible, ranging from submerged aquatic vegetation to emergent aquatics and rheophytic vegetation, seasonally flooded forest, herbs, vines, lianas, and herbaceous plants growing at the river's edge, and, in terra firme forest, understory herbs and shrubs, midstory trees and palms, canopy trees and lianas, epiphytes, and canopy-emergent trees and fungi. Members of Henkel's expeditions were able to climb trees up to about 80 cm in diameter and to collect in the canopy by using tree-climbing spikes and extendible aluminum clipper poles. Climbing trees takes a great deal of time, but these collections of epiphytes, lianas, and large canopy trees are the most valuable because they are the most poorly known and least well represented in herbaria.

The difficulties of identifying material from neotropical forests mean that plants must be vouchered and that the voucher must be fertile (flowering or fruiting). Such identifications are made in the herbarium with full use of reference collections, botanical literature, and dissecting microscopes. The herbarium specimens that result from the expedition constitute a record that, if properly maintained, will remain in good condition for hundreds of years.

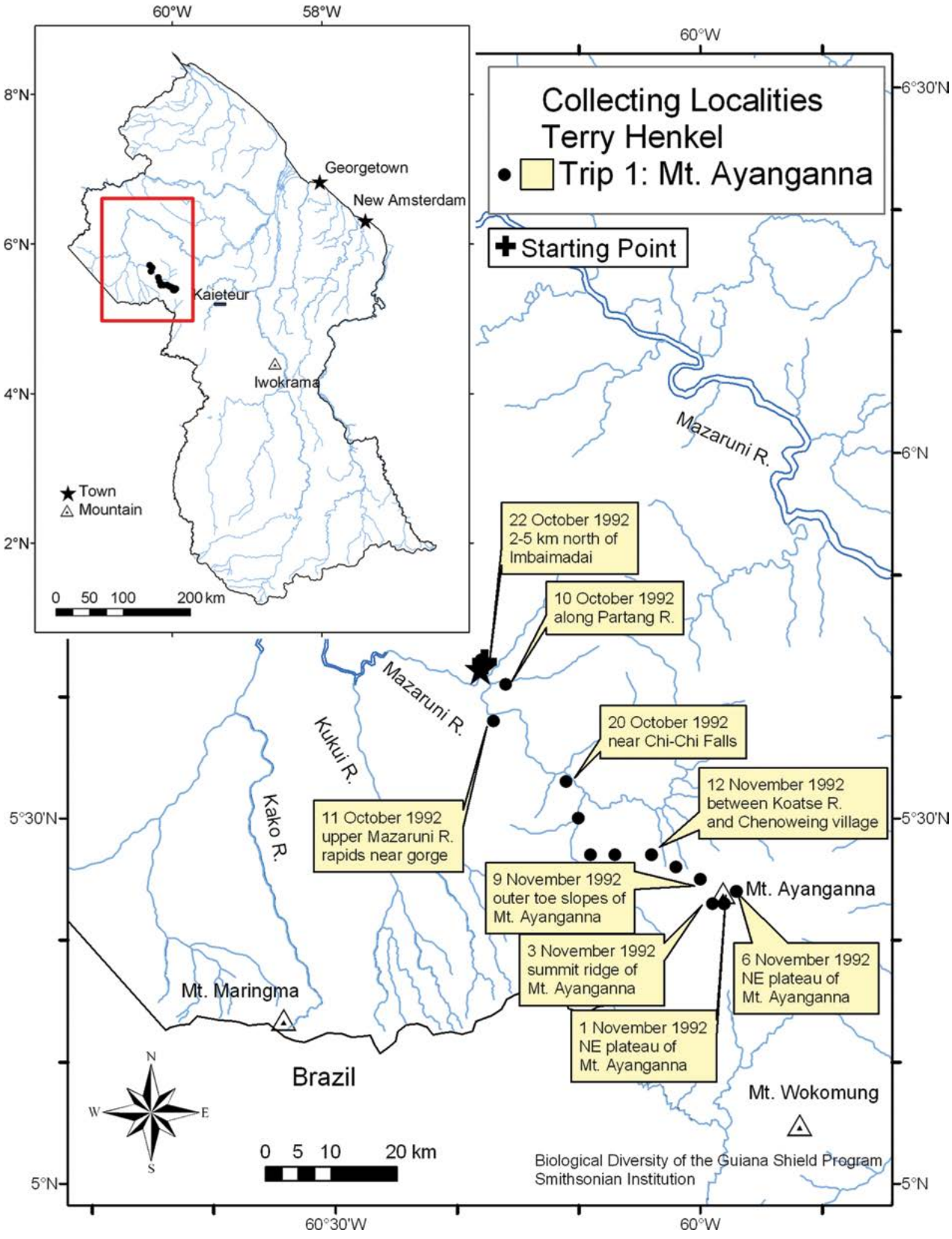
The trip narratives that follow are extracts from the expedition reports of Terry W. Henkel. The original reports are in the BDG files housed in the Department of Botany, National Museum of Natural History, Smithsonian Institution.

AUTHORS' NOTE. In the course of preparing this volume and producing the maps for the collecting trips to the upper Ireng River, we determined that on two of his trips (Trips 3 and 10) Henkel and his Amerindian workers (some from Cipo) strayed over the border into Brazil. Unfortunately, the duplicates from these trips were distributed long ago as "plants of Guyana." Henkel preferred not to use the BDG GPS, so all coordinates are estimates. Any herbarium with plants from this expedition should check the coordinates and change the label where appropriate. A list of the plants collected and a copy of this volume will be sent to the herbarium in Brazil at Instituto Nacional de Pesquisas da Amazonia (INPA).

TRIP 1: UPPER MAZARUNI RIVER AND MOUNT AYANGANNA

COLLECTIONS 1–279. 9 OCTOBER TO 20 NOVEMBER 1992 MAP 1

The Pakaraima Mountains of Guyana form the eastern extension of the Guiana Highlands, a naturally circumscribed phytogeographical province. The highlands begin in extreme eastern Colombia, extending through Venezuela and into Guyana, with an



MAP 1. Collecting localities, Trip 1.

outlying formation in Suriname (Tafelberg). This sedimentary range culminates with the massive, bizarrely eroded table mountains, or tepuis, of which Roraima is but one of several hundred.

Mount Ayanganna, at 2,043 m above sea level, is the highest tepui in the Guiana Highlands that is found wholly within Guyana. Roraima, at 2,700+ m, lies primarily in Brazilian and Venezuelan territory, with only its eastern tip in Guyana. Mount Ayanganna is important geographically because, along with neighboring peaks, the mountain gives rise to three major river systems, the Mazaruni, Potaro, and Ireng, which together drain the bulk of the Pakaraima Mountains.

The Guiana Highlands region is well known for its high degree of floral endemism. Ayanganna, although smaller than the major Venezuelan tepuis, nonetheless has been noted for its endemic plants. Previous botanical expeditions to Ayanganna were conducted by Bassett Maguire (1955), S. Tillett (1965), and J. Pipoly (BDG program, 1987). None of these expeditions reached the mountain's summit.

The expedition began from Imbaimadai, a mining village along the Partang River and the nearest airstrip to the northwestern side of Mount Ayanganna. Henkel began collecting along the Karowrieng River and near Maipuri Falls, on the upper Mazaruni River, from 9 to 20 October (collections 1–51) with Helen Kennedy (researcher and specialist in the Marantaceae family) and Bruce Hoffman, participating in Hoffman's last expedition as the BDG resident collector (Figure 3). Hoffman returned to Georgetown to augment supplies and finances for the overland expedition to Mount Ayanganna, and Kennedy continued her collecting at Kaieteur National Park. Meanwhile, Henkel embarked by boat and foot for Chinowieng Village, an Akawaio settlement, to negotiate for *droghers* (i.e., porters) and guides to assist in the expedition. Nearly the entire village was away, involved in fishing or farming activities, yet the school headmaster promised to arrange for droghers to help move the expedition from Imbaimadai to Chinowieng on 23 October.

Imbaimadai–Chi-Chi Falls

Hoffman and Henkel rendezvoused in Imbaimadai on 22 October and with the help of Base Alfred embarked the next day by boat for Chi-Chi Falls, the northernmost possible advance on the Mazaruni River. They were fully equipped for a five-week expedition. En route they visited Isaac Jerry, a legendary Akawaio guide who has led major expeditions to Roraima and elsewhere in Guyana. He graciously gave them tips on the established route to Ayanganna, which he blazed in 1966.

The boat trip from Imbaimadai to Chi-Chi Falls passed through interesting riverine topography and vegetation, although marred in spots by gold dredging operations. Approaching the falls, large sandstone cliffs loomed above the riparian forest to several hundred meters, mute testimony to the Guayanan nature of this landscape. The resulting gorge forest was of impressive stature and stretched to the base of the cliffs. We collected two orchids: *Cyrtopodium parviflorum* Lindl. and *Koellensteinia eburnean* (Barb. Rodr.) Schltr., a sedge and a fern.

FIGURE 3. Bruce Hoffman and Helen Kennedy sorting collected specimens. Photo by Terry Henkel.

Chi-Chi–Chinowieng

At Chi-Chi Landing, 12 Amerindians joined the expedition, the load was distributed, and the cumbersome party of 14 embarked overland for Chinowieng Village. The route quickly ascended the southern rim of the gorge, passing through white sand *Dicymbe* (Fabaceae) forest and scrub. The party emerged onto a savanna plateau, which extended southward to Chinowieng (four-hour walk), uninterrupted except for several creek gallery forests (Figure 4). The white sand savanna consisted primarily of Bromeliaceae (*Brocchinia*), Xyridaceae, Melastomataceae, Orchidaceae, and Malpighiaceae: in mesic areas Cyperaceae and Rapateaceae dominated. In the gallery forests the canopy reached 15–20 m in height and contained a surprising number of epiphytes. The transition from forest to savanna was abrupt with no transitional vegetation.

Chinowieng is an Akawaio settlement of 150 inhabitants situated on an open upland savanna. Nearby low hills were covered with forest, and the far horizon in every direction was composed of massive sandstone ridgelines. Mount Ayanganna was plainly visible 20–30 km to the east. Chinowieng is an ideal staging ground for expeditions in the central Pakaraimas; radiations in any direction would yield strong elevation/vegetation diversity.

In Chinowieng, difficult negotiations with droghers and guides set a precedent for high wages; labor could not be procured for less than 1,000 Guyana dollars/day (US$5.00). The resulting financial limitations led to a curtailment by one week of the expedition's planned duration, with reduction in the amount

FIGURE 4. Mount Ayanganna seen from Chinowieng savanna. Photo by Terry Henkel.

of supplies and expedition members; the entire team shouldered very large loads to defray cost.

Chinowieng–Ayanganna Base Camp 1 (BC1)

The expedition party of six embarked for Mount Ayanganna on 25 October, with two to return once a summit base camp had been successfully set up. Heading east along the established Guyana Defense Force (GDF) line, the route passed through vast tracts of white sand savanna interspersed with gallery forests; *Mora* (Moraceae) swamp forest occurred along the Haeika River (700–800 m). At several locations ironstone hills occurred, with characteristic vegetation including grasses, *Palicourea* (Rubiaceae), and Malpighiaceae. The last stretch of savanna afforded a tremendous view of Mount Ayanganna's entire western flank, after which the route led into forest. The forest was primarily *Dicymbe* over a series of small white sand hills, with abundant tiger bromeliads and lianas. The full-day trek culminated at base camp (BC) 1 (BC1) on the Koatse River.

Base Camp 1–Base Camp 2 (Mountain Foot)

Traveling from BC1 to BC2, the party headed E–SE; the terrain became increasingly steep and bisected ridges and ravines. Ridge tops were dominated by white sand *Dicymbe* forest, whereas the midslopes were covered by mixed evergreen forest. *Mora* swamp with prop-rooted palms filled the lower portions of the ravines. The *Dicymbe* forest was thick with aboveground roots and standing water, which made passage difficult, and the elevation fluctuated between 700 and 800 m.

Near BC2 elevation approached 900 m, and the party reached the outer toe slopes of Mount Ayanganna. Evidence included large sandstone and conglomerate boulders, and occasional canopy gaps provided views of looming cliffs less than 1 km southeast. Lateritic clays appeared, and vegetation shifted to a form of montane rainforest (i.e., "lower montane rainforest," sensu Fanshawe, 1952) as evidenced by the high canopy (25–35 m) with one to two midstories, frequent large trees (1–2 m diameter at breast height [DBH]), and abundant lianas and other epiphytes in dense communities. Insects and bird life were abundant in this luxuriant forest.

The numerous stream banks in this montane rainforest (MRF) were especially rich in herbs; on mossy boulder-strewn banks there were many succulents such as the monotypic melastome *Maguireanthus ayangannae* Wurdack, collected once by Bassett Maguire in 1955. This species was found in abundance at several locations. The diversity of fungi was high, including 5–10 species of gilled mushrooms (*Hygrophorus* and others), many Polyporaceae, Clavariaceae, *Xylaria*, *Nectria*, and Myxomycetes. It is possible that this MRF is the most botanically rich life zone on Mount Ayanganna, and plans were made to collect here on the return trip.

Base Camp 2 to Base Camp 3

From BC2 to BC3, the team continued another full day through luxuriant MRF of increasingly robust stature, with gains in elevation up to 1,500 m. Base camp 3 was situated at the base of the first steep ascent onto Mount Ayanganna's middle reaches, via the tip of a large triangular plateau (i.e., northeastern plateau). We collected a Rapateaceae, a tree fern, and a sprawling Compositae along the way.

Base Camp 3–Summit Base Camp (SBC, Northeastern Plateau)

From BC3 a steep ascent began, through a vegetation transition zone with reduced tree stature and abundant nonvascular epiphytes. After a vertical gain of 100 m a "cloud forest" was encountered, with low, open canopy (10–15 m), thick bryophyte mats covering entire trees, abundant vascular epiphytes, and persistent mist (i.e., "elfin woodland").

The party emerged abruptly onto a small plateau, the first of a series of "steps" leading to Mount Ayanganna's summit ridge. Collectively, the steps constituted the mountain's northeastern mass—a large triangular plateau roughly 3.0 × 0.75 km in size, aligned SW–NE, with an elevational range of 1,200–1,600 m (Figure 5). Scrub forest appeared, lacking large trees and dominated by *Clusia* (Clusiaceae), *Bonnetia* (Theaceae), Arecaceae, and many other woody taxa, with an irregular canopy at 5–10 m. The route soon ascended two steep seepage slopes, each rich in succulent herbs, including two melastomes seen only in these localities. Large terrestrial bromeliads appeared, often beset with many *Utricularia humboldtii* R. H. Schomb. (Lentibulariaceae) in bloom. A 2 km traverse over flat terrain led to the summit base camp (SBC).

The SBC was located two-thirds of the distance between BC3 and the summit ascent slope, at roughly 1,500 m. A miserable campsite, yet strategically located, it consisted of a peaty swamp scrub with open canopy of 3–8 m of mostly *Clusia*, *Bonnetia*, and Arecaceae, rich in epiphytic herbs, mosses, and creepers. In low areas standing water occurred, fluctuating widely in

FIGURE 5. Terry Henkel on highest point of Guyana. Summit of Mount Ayanganna, ~6,600 m. Photo by Bruce Hoffman.

depth according to the intensity of daily rains. Everywhere horizontal roots formed a knee-high entanglement. Travel was thus extremely difficult, often alternating between crawls through tree boles and branches and clambering over horrendous tree fall tangles. *Bonnetia* formed thickets in inundated areas.

Moss mats covered tree boles and branches, their thick, moist, humus-rich layers supporting a plethora of herbs rooted directly in the mats, including two *Utricularia* species. Vascular epiphytes were abundant, particularly Bromeliaceae, undoubtedly favored by the thick nightly mists. Shrubby and viny melastomes, Malpighiaceae, Rubiaceae and Myrtaceae shrubs and trees, viny composites, several Loranthaceae, herbaceous bamboos, sedges, and many other taxa filled the diverse vegetative community. Animal life was abundant, including several species of highly vocal frogs, salamanders, hummingbirds, icterid (such as oropendolas) birds, warblers, colorful insects, and many pests (mostly tabanid flies and mosquitoes). Yet no mammals were seen anywhere on the mountain.

Eight days on the plateau (including summit excursions) yielded several hundred collected numbers in both directions along a SW–NE transect. Still, the wealth of plant diversity was incompletely sampled. Future expeditions would be amply rewarded to make extensive E–W transects across the plateau.

Summit Base Camp

The summit ascent led SW from SBC over the upper reaches of the plateau, over two seepage slopes with slight elevational increases, and over subsequent changes in the plant community—Loranthaceae, ferns, herbaceous bamboos, sedges, melastomes, etc. The wet, exposed sandstone was rich in ferns (mostly Hymenophyllaceae), mosses, and liverworts, and many taxa were collected there. This steep climb from the plateau led to the summit ridge. Several extremely steep pitches required the use of mountaineering rope, and any future expeditions should include this piece of equipment! The vegetation on the steep slopes was essentially a continuation of the upper plateau. Thickets of a large herbaceous bamboo were found midascent. Farther up several terrestrial bromeliads and orchids were seen, as well as other taxa common to the summit.

Near the top of the ascent there were large rock faces covered with *Brocchinia* (Bromeliaceae) and other sclerophyllous vegetation covering the more level surfaces. From promontories there were spectacular views to the north and east. Winding through these small escarpments, the route emerged on the summit ridge at about 1,900 m elevation.

Summit

Mount Ayanganna's summit ridge is a westward-sloping expanse that follows the mountain's ridgeline at its highest elevations (1,900–2,009 m). The ridge is several hundred hectares in size, delimited by near-vertical cliffs on all sides. Vegetation appeared more tepui-like, the most prominent community being dense, boggy "savanna" primarily of *Brocchinia*, *Eriocaulon* (Eriocaulaceae), *Xyris* (Xyridaceae), Rapateaceae, orchids, *Drosera* (Droseraceae), melastomes, and ferns on wet organic soils. Small drainages were thick with shrubs such as *Clusia* and *Bonnetia* and the large tank bromeliad with its attendant *Utricularia humboldtii* R. H. Schomb. Occasional *Bonnetia* groves dotted the slopes among the *Brocchinia* bogs.

The route bisected the ridge for 1 km in a SW direction, gradually increasing in elevation, and culminated in the physical summit (2,009 m), a rocky promontory surrounded by cliffs to the east and south. Here we found a flag and plaque denoting Guyana's 1966 independence (Figure 6). Viewed from the summit, the eastern cliffs dropped 300–400 vertical meters to a plateau that spread out ESE at roughly 1,600 m. The cliffs ran north the entire length of the ridgeline, creating a massif similar to Machu Picchu (Peru) in appearance. To the west was the gently

FIGURE 6. Bruce Hoffman and Akawaio guides, Ayanganna expedition. Photo by Terry Henkel.

sloped summit ridge just traversed, and it was apparent that after a few hundred meters of downslope this ridge also dropped off in vertical cliffs, unceremoniously ending this modest expanse of *cumber,* or summit vegetation. To the south, cliffs plummeted to a monstrous "gouge" in the ridgeline, within which are several large pinnacles. The ridgeline then rose again and continued on at declining elevation to the SW. Whether summit-type vegetation exists on the southerly ridge remains to be discovered. If not, the northern ridge, reduced to several hundred hectares by untold eons of erosion, may contain the extent of a Guiana Highlands summit flora present on Mount Ayanganna.

A stupendous 360° view of the heart of the Pakaraima Mountains unfolded from Mount Ayanganna's summit. The SW view showed the Brazilian border mountains leading to Roraima, faintly visible in the cloud-shrouded distance. To the west lay the Chinowieng savannas and northwest Chi-Chi Falls and the Mazaruni Gorge. Due north were the Merume Mountains and Eping escarpment and a series of small massifs around the Mazaruni headwaters with the vast Kaieteur Plateau stretching out to the east, the falls' mist plume and gore visible. Farther east were the Ebini Mountain and the easternmost Pakaraimas and southeast the Wokomung range and Morakabang plateau with the Ireng River valley heading south toward Orinduik Falls. With such sights plainly visible, a more fantastic view of Guyana's mountains cannot be imagined.

Plant collections were made on the summit ridge over the course of several hours. In light of the possible presence of taxa common to the tepui cumber flora rich in herbs and epiphytes, future expeditions would be well served to bring tents and spend several days on the summit, enabling a thorough sampling of the floral diversity.

Following descent to SBC and processing of summit plants, the expedition reversed its course and collected plants at various localities on the descent route. Several days were spent collecting in the montane rainforest because of its rich flora; however, collections from BC2 to Chinowieng were limited mostly to prominent taxa.

Several days were spent in the vicinity of Chinowieng, with local collecting and participation in the Akawaio Amerindians' "Hallelujah" festivities, before return to Imbaimadai, ending the one-month expedition to Guyana's renowned mountain. During this expedition 279 plants were collected on Henkel numbers and 584 on Bruce Hoffman's (Alexander et al., 2014).

TRIP 2: BARTICA AND ESSEQUIBO RIVER

COLLECTIONS 280–678. 5–24 DECEMBER 1992 MAP 2

In between major collecting expeditions, small, more local or accessible trips were planned. During December when flights to the interior were difficult to depend on because of the holiday travel, an expedition along the Essequibo River north of Bartica was executed. Collections for this trip were made from several sites in the alluvial lowland forests of the lower Essequibo River, 25–30 km upstream from its mouth, and northern areas of the Mazaruni and Essequibo Rivers' confluence at Bartica.

The total number of plants collected during this interim expedition was 399.

TRIP 3: UPPER IRENG RIVER–MOUNT WOKOMUNG

COLLECTIONS 681–1682. 1 JANUARY TO 25 MARCH 1993 MAP 3

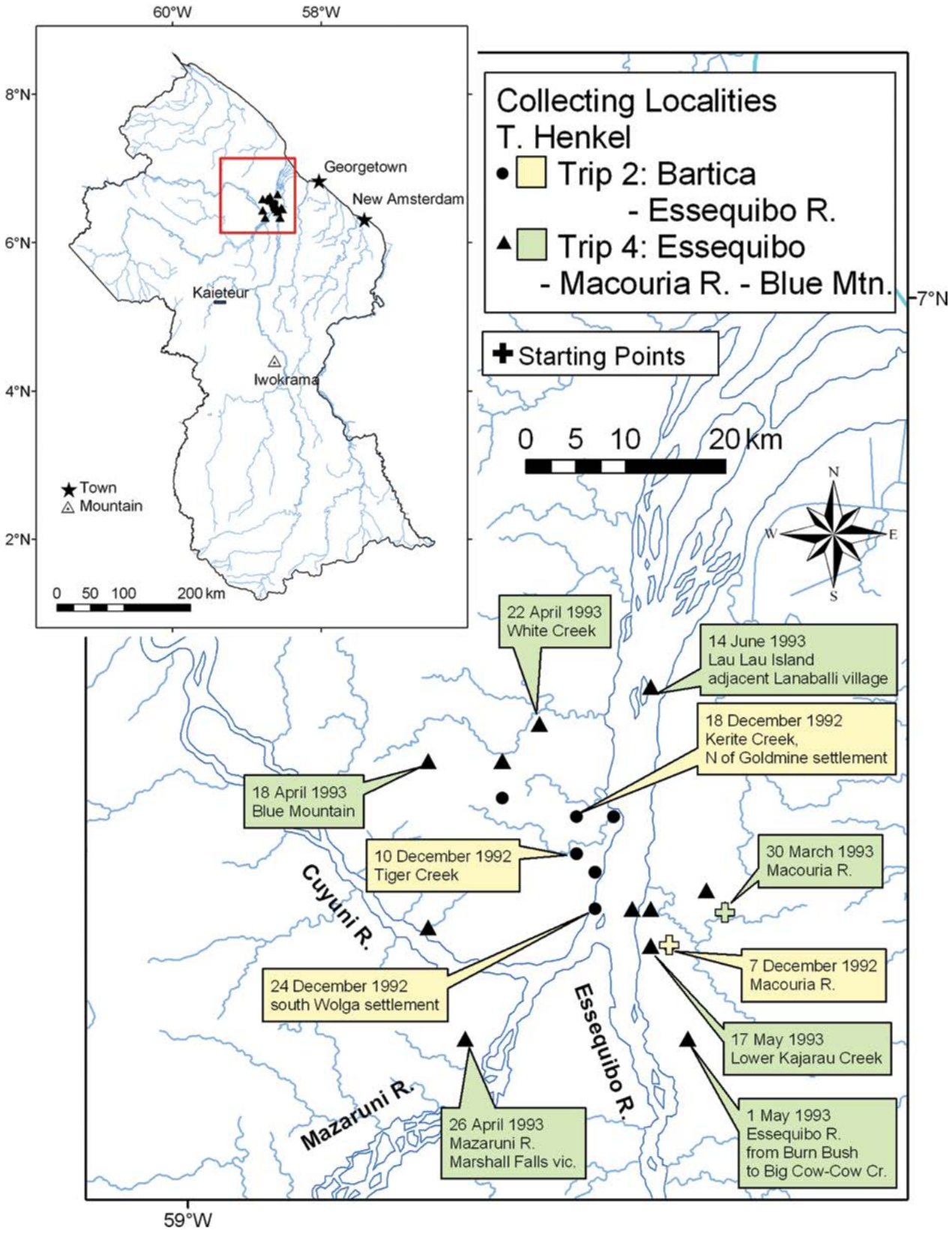
Following the Smithsonian expedition to Mount Ayanganna with Bruce Hoffman in October–November of 1992 (see Trip 1), botanical exploration in the Pakaraima Mountains was continued via an expedition to Mount Wokomung. The Pakaraima Mountains, part of the Roraima sandstone formation that extends into Venezuela and Brazil, forming the tepuis, are a region with high floral endemism. Located in a remote area of the Pakaraimas, in the upper Ireng River watershed on the Brazilian frontier, Mount Wokomung has been much speculated about but little explored by botanists.

In the 1990s Mount Wokomung's bizarrely eroded plateaus and pinnacles, some reaching 1,600 m in elevation, began to receive scientific attention. The New York Botanical Garden under the direction of Dr. Brian Boom conducted expeditions (1989–1992) to portions of the range's eastern front (S. Tiwari, New York Botanical Garden, personal communication), but no botanical exploration had ever approached via the remote western flanks. This element of terra incognita, coupled with the likelihood of strong elevation zonation and endemism in the flora, was the driving force behind this expedition.

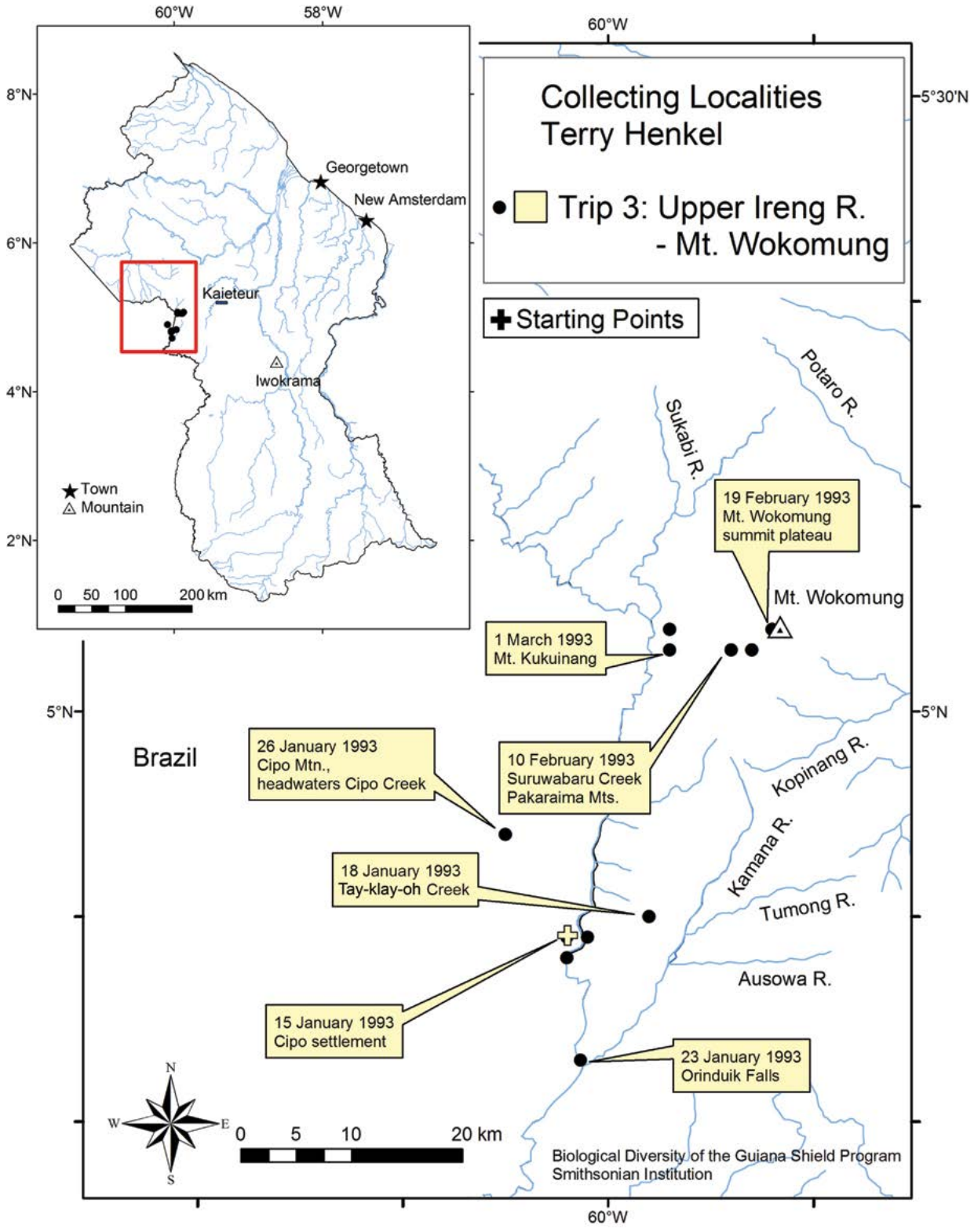
In addition to Mount Wokomung, savannas and forests along the upper Ireng River were explored. Within each realm, plant collections were made from a diversity of habitats over a wide elevation range. The expedition consisted of three phases: (1) upland savanna along the upper Ireng River, (2) Achiknak Tipu in Territorio Roraima, Brazil, and (3) Mount Wokomung.

Logistical preparations were made in Georgetown, Guyana, from 1 to 10 January 1993. Acquisition and packing of rations and gear were especially tedious because of the lengthy duration of the expedition (six to eight weeks). Rations were prepared to accommodate up to 10 people per week (botanists and indigenous assistants), in addition to foods acquired locally. Additional supplies were to be air dropped at Kopinang Village. Rations, gear, and body weights were determined, and adjustments were made to give a total weight within the airplane's limits (1,050 lb). Logistical maneuvers in Georgetown were facilitated by the diligent Mohamed "Harold" Ameer.

The expedition was led by Terry Henkel (Smithsonian resident botanist), with accompanying botanists Mimi Mei Lin Chin (Singapore) and William Ryan (Tallahassee, Florida). At 5:00 a.m. on 11 January 1993, the expedition departed from Ogle Airport, Georgetown, aboard a single-engine Cessna



MAP 2. Collecting localities, Trips 2 and 4.



MAP 3. Collecting localities, Trip 3.

piloted by Derek Leung. In two hours it landed at Cipo, a small settlement of Georgetown native Bobby Fernandes along the Ireng River on the Brazilian frontier.

Phase 1: Upland Savannas–Upper Ireng River

The area around Cipo is part of an extensive region joining the forest-covered northern Pakaraimas with the increasingly savanna-covered mountains to the south. The base camp was located approximately 15 km south of the contiguous montane forest, amid a complex landscape mosaic of savanna and forest (4°49′N, 60°02′W).

Geology of the region was well described by Gansser (1954) and consisted of sandstones and conglomerates of the lower and middle Roraima Formation, with beds of red jasper frequently exposed along streams. Basement granites were not encountered. Upper levels of Roraima sandstone were rarely encountered, and as a result, the area lacked the massive "tabletop" escarpments (tepuis) that characterize the Guiana Highlands to the west. Elevations ranged from 650 m along the Ireng River to 1,000–1,100 m along the higher ridges. Stream and wind erosion have yielded a complex, sharply relieved terrain. The steep hills rose up in a succession of rounded and tabular ridges and continued southward on both sides of the Ireng Valley. Tributary creeks characteristically formed waterfalls as they proceeded over exposed sandstone in their descent to the Ireng River.

The predominantly savanna-covered landscape stretched southward to the far horizons in both Guyana and Brazil. The occasional islands and galleries of forest and nearly constant northeast trade winds contributed to a pleasant sense of expansiveness, not unlike that found in the steppes of western North America.

Floristically, the area has been inadequately studied. Aside from a naturalistic account by Myers (1936) and anecdotes from Fanshawe (1952), little mention exists in the botanical literature. In comparison, the low-elevation, low-relief savannas of the Rupununi region are well studied (Davis, 1936). On a landscape-level scale, the shift from contiguous moist forest in the north to a mosaic of savannas and forests stretching over 100 km to the south constituted an ecotonal region of immense proportion. Within this ecotone, the diversity of plant communities included nearly monospecific grasslands, species-rich savannas, gallery and swamp forests, and high-canopy mixed-forest "islands" (bush islands) that occurred in a complex, jigsaw-puzzle-like array across the dissected terrain. Possibly, anthropogenic fires have influenced community distribution. The high intercommunity (beta) diversity was coupled with apparently high intracommunity (alpha) plant species diversity. This habitat diversity provided a variety of excellent plant-collecting opportunities.

Norugu Creek

Initial collections were made along a 2 km transect from Cipo settlement south to Norugu Creek, an eastern tributary of the Ireng River (4°48′N, 60°02′W). Habitats traversed included (1) low savanna of *Trachypogon spicatus* (L. f.) Kuntze and scant other grasses, with a scattering of gnarled trees, primarily *Byrsonima*, *Curatella americana* L., and *Plumeria*; (2) edge forest along the Ireng River, primarily of stout *Axonopus eminens* Benth., *Chrysobalanus*, Lecythidaceae, and Fabaceae, with other taxa including a robust climber, *Norantea*, with brilliant red nectaries visible from afar and a parasitic *Cuscuta* species; and (3) xeromorphic gallery forest bordering a series of jasper-rich waterfalls along Norugu Creek, which contained interesting woody taxa, including a *Vochysia*, several Melastomataceae, *Mahurea*, and an ochnaceous shrub. Herbs included several terrestrial orchids such as *Phragmipedium lindleyanum* (R. H. Schomb. ex Lindl.) Rolfe, a *Drosera*, several *Utricularia*, *Xyris*, several epipetric mosses, and abundant pteridophytes, including Hymenophyllaceae.

A dryer was constructed of local materials to allow field drying of plant specimens in phases 1 and 2 of the expedition.

Cipo Ridges

The next collections were made along an elevation transect of several kilometers from the Ireng River to the ridges east of Cipo settlement (4°49′N, 60°01′W). This substantial traverse accessed a variety of habitats, which included the following: (1) An upland savanna of *Trachypogon spicatus* (L. f.) Kuntze, other grasses, Cyperaceae, and scattered trees and shrubs had notable taxa that included the queer Rubiaceae, *Palicourea rigida* Benth., with its brilliant green, brittle foliage and fluorescent yellow flowers; an ancient, sprawling *Byrsonima* tree; *Plumeria* with exceedingly fragrant flowers; *Curatella americana* L.; several *Clitoria* species; and a prostrate, delicate Convolvulaceae. (2) A depressional swamp forest of ité palm (*Mauritia flexuosa* L. f.), abundant Melastomataceae, Rubiaceae, sedges, *Heliconia psittacorum* L. f., and tree ferns (*Cyathea*) contained vegetation that reflected locally hydric conditions in this otherwise seasonally xeric landscape. (3) A xeromorphic gallery forest occurred along intermittent streams on steep slopes. The first streambed encountered was very dry, yet its wide and deep channel clearly carried a lot of water periodically. The gully walls formed small canyons lined by a thin selvage of shrubs and medium-sized trees. Collections included many unrecognized woody taxa, several *Clusia* species, a Sapindaceae tree, three species of Loranthaceae, ubiquitous melastomes, etc. To the northeast a flowing stream was found, the banks of which yielded some ferns, melastomes, and a delicate species of Burmanniaceae.

Wild animals were abundant along this ridge, with frequent sightings of deer and turkey vultures, the occasional savanna hawk, and heavy crepuscular nightjar activity.

At a later date a "bog" community was discovered on this ridge by Will Ryan. Floristically similar to the widespread white sand savannas to the north yet less than 0.5 ha in area, this outlier community yielded highland "signature" species such as *Brocchinia reducta* Baker, *Drosera roraimae* (Klotzsch ex Diels)

Maguire & J. R. Laundon, a Haemodoraceae, several orchids, Xyridaceae, melastomes, etc.

Tay-klay-oh Bush Island

In an effort to survey, however cursory, a broad spectrum of plant communities in the area, a junket was made to a large forest, or bush "island," situated among the savanna ridges. Located up the Tay-klay-oh Creek several kilometers from its juncture with the Ireng River, the bush island filled a montane valley, perhaps 1,000–2,000 ha in area (4°50′N, 59°58′W). Physiognomically, the bush island was strongly juxtaposed with the surrounding savannas. Viewed from the west, the forest rose dramatically to a high, heterogeneous canopy with numerous towering emergent trees. Additionally, a fair proportion of trees was leafless in response to the dry season. Prospects seemed high that unique plant species would be encountered. Camp was pitched in the island's center, along Tay-klay-oh Creek. Collection transects included 1–2 km along the banks of Tay-klay-oh Creek. The north-facing bank, composed of crumbly white sandstone, provided shaded, moist habitat for a diversity of ferns and mosses. The opposite bank, largely of sandbar and rubble, yielded several trailing grasses and herbaceous Ochnaceae. Continuing downstream, a wealth of riparian melastomes, ferns, Rubiaceae, Malpighiaceae, Clusiaceae, Burseraceae, and a *Ficus* were collected, as well as an odd climbing cactus from the lower canopy. A second collection transect was along Tay-klay-oh Creek several kilometers southeast through terraced floodplain forest of palms, *Aspidosperma*, and other mixed hardwoods, up a steep west-aspect slope through increasingly xerophytic, deciduous forest, which graded into a low xerophytic shrub community. On the ridgetop (approximately 1,100 m) the shrub forest yielded abruptly to savanna. There was noticeably less diversity in the dry forest. Along the savanna–forest interface a large, purple-flowered bignoniaceous tree and an arborescent melastome were the only notables. The windswept savanna ridge was predominantly ironstone and appeared floristically different than the lower savannas; taxa of note included a large Asteraceae shrub and several new grasses.

The ridge afforded tremendous views of the high Pakaraimas to the north and northwest, as well as the savanna–forest mosaic to the south. From this inspirational spot Henkel accrued a wildlife first, sighting a king vulture, which soared overhead on the hot afternoon updrafts. In sum, the bush island appeared floristically rich, although perhaps less so than the contiguous montane forests to the north. The deciduousness found in some trees suggested adaptation to seasonally xeric conditions. During this dry season most flowering and fruiting were restricted to narrow riparian zones. Collections during the wet season would be more productive.

Orinduik Falls

Following the return to Cipo, a small collection was made at Orinduik Falls on the Ireng River (4°43′N, 60°02′W). More thorough collections should be conducted here since the falls is a tourist site. The local vegetation has been visibly impacted by tourists, farming, and cattle grazing.

Phase 2: Achiknak Tipu

Phase 2 explored Achiknak Tipu, a mountain situated immediately across the Ireng River from Cipo settlement (approximately 4°54′N, 60°05′W). *Tipu* or *ti-bu* is the Patamona Amerindian word for mountain. Achiknak rose to over 1,300 m in a series of talus slopes capped by a south-facing escarpment of sandstone cliffs. Over the southern face great expanses of savanna sloped steeply up to the higher elevations, where fingers of dense woodland descended from the summit along creek drainages. On the summit plateau and beyond to the north was contiguous forest, which stretched into the region of the headwaters of the Ireng. The mountain, of lordly stature when viewed from the south, formed a substantial portion of the region's savanna/forest ecotone. The objective on Achiknak Mountain was to uncover higher-elevation floral elements, both savanna and sylvan, and perhaps some form of highland scrub forest on the postulated plateau summit, with attendant unique flora.

The overland route from Cipo settlement crossed the Ireng River and followed the rolling savannas west for several kilometers. The route then turned northward and ascended the mountain. Grasses and forbs were especially luxuriant on these boulder-strewn slopes, having escaped the regular fires and cattle grazing of the lower savannas. The series of gigantic talus "steps" appeared to be identical to those subtending the massive tepuis in the Venezuelan Gran Sabana. The steps led to the mountain's upper reaches, where savanna yielded to forest. Base camp was established in the forest zone at approximately 1,000 m, directly under the summit escarpment.

Montane Forest

Collections began in the montane forest that surrounded the base camp. Although leeward, the vigorous forest appeared to receive regular and substantial precipitation. The upper canopy reached 30–40 m, with several dense midstories; tree boles were frequently 1–2 m DBH. Tree species diversity appeared to be high and included Lecythidaceae, *Aspidosperma*, and *Cedrela*, with no apparent dominants. All trees were bound with thick, abundant lianas, primarily legumes.

The soil appeared to be rich despite derivation from sandstone talus. The thick accumulation of organic matter was uncharacteristic for forests of this region, which usually exhibit rapid turnover of organic debris. Leaves, sticks, and pillars of wood combined to yield a black humus interpenetrated with fungal mycelium and roots. Indeed, fruiting bodies of both litter and wood decomposing fungi were very abundant.

Other noteworthy ecological features included (1) high tree fall frequency on the unstable slopes, which gave ample habitat

for flowering ruderals (plants growing on disturbed grounds); (2) small terraces with saturated soils, exceptionally large trees, and groves of giant heliconias; (3) shifting plant species composition with small changes in elevation, especially in *Heliconia*, Piperaceae, Rubiaceae, and ferns; (4) an abundance of animals, which included howler (*Alouatta seniculus* L., 1766) and spider (*Ateles*) monkeys, guans, curassows, tinamous, manakins, bellbirds (highlands indicator), icterids, and many small songbirds, as well as a rich insect life; and (5) tepui-like weather, with orographic clouds and wind and frequent rain and mist interspersed with periods of intense sunshine, a repeated pattern on mountains in the Guiana Highlands.

Three collection days in the montane forest yielded a plethora of taxa, none of which were better represented than the ferns. The 20+ fern taxa included Hymenophyllaceae, Adiantaceae, Cyatheaceae, and others. Ferns were largely terrestrial and concentrated in talus-laden stream drainages. Macrofungi were also wildly abundant, and special care was taken to collect and dry a wide representation of taxa. These included several gilled mushrooms (Agaricales) in the genera *Hygrophorus*, *Marasmius*, *Mycena*, and *Lepiota*; wood decomposing shelf fungi (Polyporaceae); coral fungi (Clavariaceae); jelly fungi (Tremellales); bird's-nest fungus (*Cyathus*); cup fungi of the Pezizales; and several taxa of unusual appearance and unrecognized affinities. Phanerogams of note included a brilliant orange-flowered *Palicourea*, several Piperaceae, herbaceous bamboos, two showy *Heliconia*, and a putative Cucurbitaceae vine.

Summit Plateau

The summit was ascended, in classic tepui style, through a cleft in the escarpment. The cleft emerged onto a relatively level ridgeline that sloped off to the north for an undetermined distance.

The ridge forest was greatly reduced, with a canopy of 8–12 m, one midstory, and a thin shrub layer below. Soils appeared peaty and thin, but little bare rock was evident. Many of the woody plants exhibited sclerophylly, which suggested periodic drought. Taxa exhibited Guiana Highlands affinities and included several *Clusia*, *Bejaria*, Rubiaceae, and Polygalaceae shrubs (including a diminutive *Palicourea* otherwise identical to the species in the forest below—possibly an ecotype), a Malpighiaceae tree, occasional epiphytic tank bromeliads, and several terrestrial orchids, which included a succulent, light green *Malaxis*. Ferns were less abundant than below. Several mosses, including a *Sphagnum* and a *Cladonia* lichen, formed dense terrestrial mats, whereas other epiphytic cryptogams covered tree boles. Collections were carried out over two days. Collection numbers for this part of the trip are Henkel 1034–1110.

Upon our return to base camp, an additional unique plant community was inadvertently discovered by Will Ryan. Having left the main trail to heed nature's call, Ryan emerged into a decidedly tepui-like scrub community. Ryan noted immediately that the physiognomy of this community was strikingly like that of dwarf forests widespread on summits of tepuis such as Cerro Duida in Venezuela. Botanical excitement reached a feverish pitch; two more days were devoted to collecting this community.

Soils were thin or nonexistent, with substantial areas of exposed sheetrock. Close inspection revealed highly weathered, bright rusty orange ironstone, irregularly broken into sheets. No sand grains were evident in the rock.

The resultant plant community consisted of widely spaced trees and shrubs from 2 to 8 m, with a thin, low herbaceous layer atop a visually striking carpet of *Cladonia* and mosses. Lianas were sparse. Density of the vegetation decreased with increased exposure of the base rock, often being reduced to the ubiquitous *Cladonia* and an unusual terrestrial orchid (Henkel 1149, later determined to be *Brassia bidens* Lindl. by E. A. Christenson, 1994). In mesic depressional areas, soil development and plant density increased, and epiphytic bromeliads and orchids were quite numerous.

Plant species shared with the adjacent ridge forest included a *Clusia*, the Malpighaceae tree, a woody composite, a Rhamnaceae climber, a purple *Epidendrum*, the *Palicourea*, and some cryptogams. Most shared taxa were reduced in stature, possibly as a result of nutrient and water impoverishment. Taxa seemingly unique to the scrub included several melastomes, an asclepiad vine, a terrestrial orchid, numerous epiphytic orchids, some Bromeliaceae, and several unidentified woody taxa. In this area we collected plants numbered Henkel 1111–1156.

Explorations to the north and northwest indicated that the scrub community proper was limited in size, perhaps several dozen hectares, delimited by forests of larger stature. The community's extent was likely influenced by the underlying ironstone. Perhaps this portion of Achiknak's upper plateau constituted a residual ironstone cap, differentially eroded from the surrounding sandstone and having yielded the characteristic primitive soils and vegetation. Endemism would likely be high in plant taxa under such rigorous edaphic conditions, as would adaptations to the meteorological regime of alternating precipitation and desiccation. Widespread sclerophylly was evidence for adaptation to water stress. The scrub was likely part of a plant community mosaic over a microtopographic scale, with community physiognomy, species composition, and ecophysiological adaptations shifting with edaphic change.

The expedition returned to Cipo settlement on 1 February to dry plants and organize the final phase to Mount Wokomung.

Notes on the Field Drying of Plants

All specimens from phases 1 and 2 were field dried at Cipo using a homemade drier and kerosene cooking stoves. When logistically feasible, field drying should be considered because it allows greater retention of flower characters in the dried specimens, less weight on return flights, and less work in Georgetown.

Phase 3: Mount Wokomung

The Wokomung-Kopinang Massif is a large complex of highly eroded, tiered Roraima Formation sandstones and conglomerates. The massif included the more or less distinct

mountains of Wokomung, Kukuinang (Figure 7), Kopinang, and Morakabang. The complex was bounded at 5°07′N, 4°56′N, 59°58′W, and 59°47′W and is roughly 22 km N–S by 16 km E–W, which yielded an approximate area of 200 km^2 above 700 m elevation. The highest elevations (from topographic maps) were 1,700 m on Mount Kopinang and 1,650 m on Mount Wokomung. Although reported as such on earlier maps of British Guiana, the reputed 2,100 m elevation of Wokomung was erroneous. On the southern portion of the complex (Kopinang/Morakabang) a large, irregular plateau existed above 1,500 m. A portion of this contiguous plateau extended to Wokomung, where otherwise erosion has left a limited series of plateaus and pinnacles at similar elevations. The massif, when considered as a whole, suggested the highly eroded remnants of a formerly massive tepui, complete with a characteristic central drainage (Yuarka River) but now lacking the upper Roraima Formation.

Inquiries among the local Patamona Amerindians prior to departure revealed little knowledge of a western route to Wokomung. Difficulty in defining what actually constituted "Wokomung" became apparent because of the multiplicity of plateaus and pinnacles in the area. Several Patamona huntsmen indicated, however, that they knew where Wokomung "proper" was located, as their forays occasionally led them to the upper Yuarka River, borne off Wokomung's western slopes. Upon consulting the topographic maps, an approach via the Yuarka seemed logical. The approach was heartily supported by the huntsmen, although they indicated no prior experience in the higher elevations. They were confident, however, that they could cut a line to the top. These men were subsequently hired as guides. Thus, the expedition was to depart with full awareness that terra incognita lay ahead and our reliance on Amerindian reckoning was to be high.

A convoy of three loaded canoes left Cipo and headed up the Ireng River on 6 February. After a half day, the canoes passed from the surrounding savanna into contiguous forest, finally losing sight of Cipo Mountain, which had dominated the western horizon. Following an overnight near Waipa Village, a party of droghers accompanied Ryan and Henkel overland to Kopinang Village to retrieve extra supplies dropped by bush plane and returned the same evening. Chin guarded the camp.

FIGURE 7. View of Kukuinang Tepui. Photo by Terry Henkel.

The next day the convoy continued up the Ireng. The river became beset with rapids past Sand Hill Village. The valley was increasingly enclosed by steep, forested sandstone walls, with occasional waterfalls; the cliffs culminated in the 1,500 m western flank of Mount Morakabang. The riverine forest was dominated by *Mora excelsa* Benth., robust and luxuriant on the narrow waterside terraces. The river itself was wine colored and completely free of sediment. To date the Ireng has escaped siltation and bank destruction from dredge mining so prevalent elsewhere in the Pakaraimas.

Having reached the mouth of the Yuarka River, the convoy turned east and up the watershed that would lead to Wokomung.

Suruwabaru Creek

The first collection camp was established midway up Suruwabaru Creek, which formed the southeasterly headwater of the Yuarka River. Elevation was 750 m. The creek descended rapidly from the steep mountain slopes and crashed through large sandstone talus. Water temperature was uncharacteristically cool for the tropics.

The adjacent slope and riverine forest was strongly dominated by the sand mora, *Dicymbe altsonii* Sandwith, which prevailed throughout Wokomung's sandy toe slopes at 600–900 m elevation. The forest was a true old-growth formation: *Dicymbe* individuals exhibited basal trunks 1–2 m in diameter, which split naturally into two to five coppiced trunks, each approximately 0.5 m in diameter; these subsequently rose to form the upper canopy at 35–45 m. Tree falls were abundant, related to the unstable slope soils and heavy epiphyte loads. Other hardwoods were present, but *Dicymbe* was clearly dominant. The trees were quite impressive; if any scene rivaled that shown in Humboldt's Orinoco drawings, with gargantuan, thickly limbed, epiphyte-laden trees arched over primeval waters, it was this one.

While guides forged a route up the mountain, brisk collecting began in this altogether pleasant forest. Fertile taxa were abundant and diverse; prominent taxa included a wealth of Rubiaceae and melastomes, creek bed epipetrics, ferns, terrestrial and epiphytic orchids and aroids, a putative *Ledothamnus* ericad, and a variety of unknown woody taxa. Creekside depressions were filled with a massive orange-bracted *Heliconia* and other Zingiberaceae, two large *Cyathea* species, and yet more melastomes. Tellingly, all 126 taxa collected in three days were different than any collected previously on the expedition (collection number range Henkel 1198–1325).

Wusupubaru Creek

Camp was moved to 1,200 m elevation along Wusupubaru Creek, a tiny headwater of the Suruwabaru. The route essentially followed the drainage up Wokomung's western flank, although views of the mountain were prohibited by thick forest cover. Nonetheless, at one point a large tree fall afforded a fantastic view of the surrounding terrain. To the northwest stretched the

Suruwabaru drainage, which wound its way west toward union with the Yuarka; beyond was the prominent ridge that divided this drainage from the northern headwaters of the Yuarka. Beyond was the western extension of the Wokomung range, a high ridgeline dominated by the decidedly awesome umbonate peak of Mount Kukuinang. All was clad with dense, heterogeneous forest, and the scattered clouds and early morning sun combined to yield a scene grand and rugged.

At 1,200 m the party encountered nearly continual cloud cover and precipitation. Slopes were steep; large sandstone talus had tumbled down from above. Slope-induced tree falls were frequent. Faunal indicators of altitude included several frogs often found on tepui slopes, as well as gregarious icterid birds heard on Achiknak Tipu and Auyantepui, Venezuela. Will Ryan also found a huge blue earthworm, (0.75 m, 5 cm diameter) similar to those seen on Mount Ayanganna.

At 1,200 m, above the zone of *Dicymbe* dominance, the forest contained mixed hardwood species with no clear dominants. The upper canopy was 25–30 m. Vascular and bryophytic epiphytes were abundant. Diversity of fertile taxa was high, especially around tree falls. A wealth of taxa new to the expedition was collected. These taxa included abundant ferns, both terrestrial and epiphytic; Melastomataceae, of which several taxa appeared similar to peculiarities seen on Mount Ayanganna (possibly *Boyania*); several species of epiphytic Ericaceae; Rubiaceae; Cyclanthaceae; robust Cyperaceae; and many unrecognized taxa, including woody climbers.

Soil organic matter was thick, and the moldering layers spawned a considerable diversity of fungi. Of note were several species of Boletaceae. In the temperate zone these basidiomycetes are obligately ectomycorrhizal with forest trees; their presence here suggested a similar ecological role, although this idea contests the dogma that tropical trees do not form ectomycorrhizal symbioses.

Collection in the rich montane forest continued for several days (Henkel 1326–1470). Meanwhile, Patamona guides forged a route to Wokomung's summit. Having relied on limited prior knowledge and intuitive navigation, the guides continued up from the 1,200 m camp along an old footpath, formerly used to reach Kopinang Village. Having crested a saddle at 1,500 m, they turned northwest and continued to climb the ridgeline. This was truly terra incognita, and speculation was high that this was the first traverse by humans.

Summit Plateau

In two days of bushwhacking the guides reached the summit. The entire party moved out to establish the summit camp. The route headed northeast and crossed several creeks as it paralleled the saddle to 1,500 m. The montane forest continued to be robust, with especially large trees on small terraces. *Aspidosperma* and Bombacaceae were present, as well as understory palms and tree ferns. Climbing farther, huge sandstone boulders formed grottos with fern- and herb-laden seepage walls, in the interstices of which a thick layer of palms and tree ferns occurred—a true botanical wonderland, radiant in the shafts of afternoon sun.

The route soon reached the "summit foot." Passage was limited to steep, narrow shafts through bus-sized chunks of talus. Such accumulations of boulders indicated an escarpment above. The occasional stretches of more level slope contained thick layers of peaty organic matter joined together by a riotous tangle of roots, which turned to quagmire with the slightest foot traffic. Continuing upward, tree stature decreased, with an increase in bryophytic epiphyte density, indicative of a persistently wet environment. Indeed, a transition zone between montane and summit forest was soon encountered. The canopy dropped to 10–12 m with increased density of small-diameter stems; large trees disappeared altogether. The steepness had evened out to a gradual rise, as predicted by the topological maps—the summit plateau was reached.

Wokomung summit camp (WSC) was established in a flat area in the center of the 1.5-km-long plateau. This location was strategic for collecting in both directions along the line to the northern escarpment.

Tepui-type weather typical of the high Pakaraimas was immediately evident. Morning began with thick mist that saturated everything, punctuated by periodic rain showers. Precipitation continued until midafternoon, after which followed a few hours of intermittent, brilliant sunshine. Clear skies persisted into the evening, yet overnight dense mist invariably developed, the condensation droplets rained down from the trees until dawn, and the cycle began anew.

The first collecting excursion covered the line from WSC to the northern escarpment (approximately 1 km). The cloud forest (Figure 8) was characterized by a 10–15 m canopy, with tree boles and limbs covered by mosses and vascular epiphytes. The canopy was relatively open, which resulted in a dense, nearly impenetrable understory. The flora seemed uniform, yet close inspection revealed much diversity. Collected taxa included three species of *Clusia*, a wealth of Rubiaceae shrubs, a tree fern, two woody composites, flimsy ferns, and several fertile mosses.

FIGURE 8. Cloud forest, Mount Wokomung. Photo by Terry Henkel.

The line continued north through the cloud forest. The terrain gradually rose in a series of low terraces from 1,650 to 1,750 m and dropped to 1,650 m at the escarpment edge. Over this distance of approximately 1 km the vegetation exhibited gradual zonation. Canopy height dropped steadily, whereas impressive thickets of a herbaceous bamboo appeared. These thickets formed the overriding vegetative feature from here to the cliffs. The beautiful grass, possibly an endemic and definitely a high-altitude species, sent shoots to 5 m and at this time was in full bloom. The purple culms, large green leaves, and 1-m-long inflorescences were striking. Given that blooming is sporadic in the bamboos, the botanists were gleeful.

At the escarpment the scrubby canopy was broken and low (5–8 m). Community physiognomy and taxa showed increased Guiana Highlands affinities. Noteworthy genera included *Stegolepis*, *Weinmannia*, *Bonnetia*, and *Orectanthe*. *Drosera roraimae*, several robust Melastomataceae, *Euterpe* (?) palms, and a variety of other sclerophyllous plants were also highlands indicators. A vigorous composite vine with dark purple vestiture, common above 1,600 m on Mount Ayanganna, was also common here.

Many of the gnarled, tough shrubs arched out over the precipice, rooted in cracks to form an interlocked network of roots. These created bridges over crevasses for the careful walker. Collections were carefully made of all fertile plants in this precarious environment. A few species were collected sterile because of overriding interest of the botanists (Henkel 1471–1563).

A rather long digression concerning the view from the escarpment is warranted. The Amerindians had opened two overlooks. A 180° spread of the horizon, W–N–E, was visible. The whole virgin watershed of the Yuarka River was displayed, bounded in the immediate west by the binippled peak of Mount Kukuinang (1,500+ m). Essentially, the Wokomung "range," or the northern rim of the Wokomung-Kopinang Massif, stretched from Kukuinang in the west to a series of peaks in the east, the first of which constituted Mount Wokomung itself (this escarpment). In between ran a flat subplateau at 1,000 m, which connected the higher peaks on both sides and bounded the Yuarka River on the north. The river itself flowed roughly E–W through a sharply defined canyon, having dropped from the plateau in a dramatic cliff at the clearly defined headwaters area. All was densely forested throughout, except for a small area of savanna at the base of Mount Kukuinang.

From the escarpment of Mount Wokomung proper, a line of small plateaus and pinnacles, three to five in number, continued in a line to the northeast. The first was a sharp, columnar pinnacle, vegetation covered except for its precipitous upper reaches. Just beyond rose a plateau called, interestingly enough, "Ayanganna" by the Patamona guides. They were aware of the "real" Mount Ayanganna to the north yet used the same name for this rock formation. A block-shaped massif, the minitepui, rose to 1,800 m, which constituted the range's highest point. Thick forest covered the western slopes to the plateau's cliff bases. The top appeared to be covered with a low scrub forest. This dramatic block of sandstone was apparently the site of the New York Botanical Garden's Wokomung expeditions (four months in 1987, one month in 1989). They had approached the mountains from the eastern side, via Kopinang Village. Presented with this information, the Patamona guides nonetheless insisted that our party had ascended the actual "Mount Wokomung." Beyond was another lesser pinnacle, which completed a line of four visible peaks. Ryan, Chin, Henkel, and the guides expressed excitement about a future expedition to "Little Ayanganna."

Wokomung's mighty western flanks sloped steadily down to form the eastern and southern head slopes of the Yuarka River. The whole of these slopes was covered with dense forest of the most verdant nature. At higher elevations (1,300 m) was a band of trees laden with yellow blossoms, clearly attitudinally zonate. Occasional emergent trees shot out 10 m or more above the canopy. The propensity of tree falls in the steep terrain was evidenced by the frequent *Cecropia* groves, which had emerged from incongruities in the otherwise tightly locked canopy. Bellbirds rang out over the vast expanse, as well as the choruses of other birds, insects, and amphibians—an entrancing landscape, glorious and pristine.

Beyond the Yuarka valley lay further spectacles. Past the Ireng River in the west were the high Pakaraimas of Brazil. Eastward beyond Mount Kukuinang was the Sukabi River watershed (Figure 9), terminated due north in its headwater mountains. In the far north the base of Mount Ayanganna was just visible

FIGURE 9. Ando Falls, Sukabi River, upper Ireng watershed. Photo by Terry Henkel.

through the haze. The upper reaches were continually obscured by clouds. Henkel reminisced about the expedition to Ayanganna, from which the Wokomung range was viewed longingly, anticipating this expedition! East of Ayanganna lay the Kaieteur Plateau, its flat expanse partially blocked by adjacent peaks. To the extreme east the easternmost peaks of the Pakaraimas, such as Ebini Mountain, were visible through the haze. Finally, the splendid view was blocked by the east edge of Wokomung, which ended abruptly in the raw sandstone escarpment.

An exploratory excursion by Ryan into the interior of the immediate plateau revealed a rather extensive mosaic of Guiana Highlands–type scrub (*Orectanthe*, *Stegolepis*, etc.) interspersed with cloud forest as described above. The scrub occurred where sandstone was close to the surface (i.e., little soil development). This information warranted a future expedition to the summit plateau in order to uncover more tepui-like plant taxa.

After several days of vigorous collecting on the harsh but enchanting summit, the expedition exited Mount Wokomung via the ascent route.

Kukuinang Savanna

During the return trip, final collections were made on the Kukuinang savanna. The savanna was located at the base of Mount Kukuinang (1,000 m), approximately 500 ha in area, amid contiguous forest (i.e., constituting a savanna island). Soils were white sand, unlike the clays and brown sand of the Cipo savannas. Floral affinities were similar to Guiana Highlands white sand savannas widespread in the north (e.g., Imbaimadai) and included *Brocchinia*, *Stegolepis*, *Saxofridericia*, *Rapatea*, Theaceae, a wealth of terrestrial orchids, *Drosera*, abundant Melastomataceae, large terrestrial bromeliads, *Utricularia humboldtii*, and tiny terrestrial Lentibulariaceae along seeps. The diversity of taxa in this isolated savanna warranted further exploration (Henkel 1564–1682).

A return trip down the fast-flowing Ireng brought the expedition to a close. A total of seven weeks' activity had yielded 1,000 plant collections among the three collection regions. The trip was considered a botanical success by all; Henkel returned by bush plane with the specimens, the Amerindians went home, and Ryan and Chin embarked on a trans-Guyana trek, via Kaieteur, back to Georgetown.

This area was very rich in species, culminating in over 1,000 collecting numbers.

TRIP 4: ESSEQUIBO RIVER–MACOURIA RIVER–BLUE MOUNTAIN

COLLECTIONS 1683–2157. 30 MARCH TO 18 JUNE 19 MAP 2

This trip involved collections from riverine forest along the lower Essequibo's main channel approximately 8–16 km downstream from Bartica and along the lower 6–8 km of Macouria River, a substantial east bank Essequibo tributary that flows into the Essequibo approximately 1 km upstream from Shanklands Resort. In both of these areas vegetation was predominantly riverine, with dominant *Mora excelsa* Benth. and other floodplain species.

Also, an "inland" trip was made to Blue Mountain, which is a lateritic ridge 150 m in elevation, located about 6 km west of the Essequibo River, 19 km downstream from Bartica. Most collections were from upland ridge terrain composed of second-growth greenheart reefs and other canopy tree species typical of lateritic exposures of the near interior (e.g., species of *Mora*, *Eschweilera*, etc.). Total plants collected on this expedition were 475 numbers.

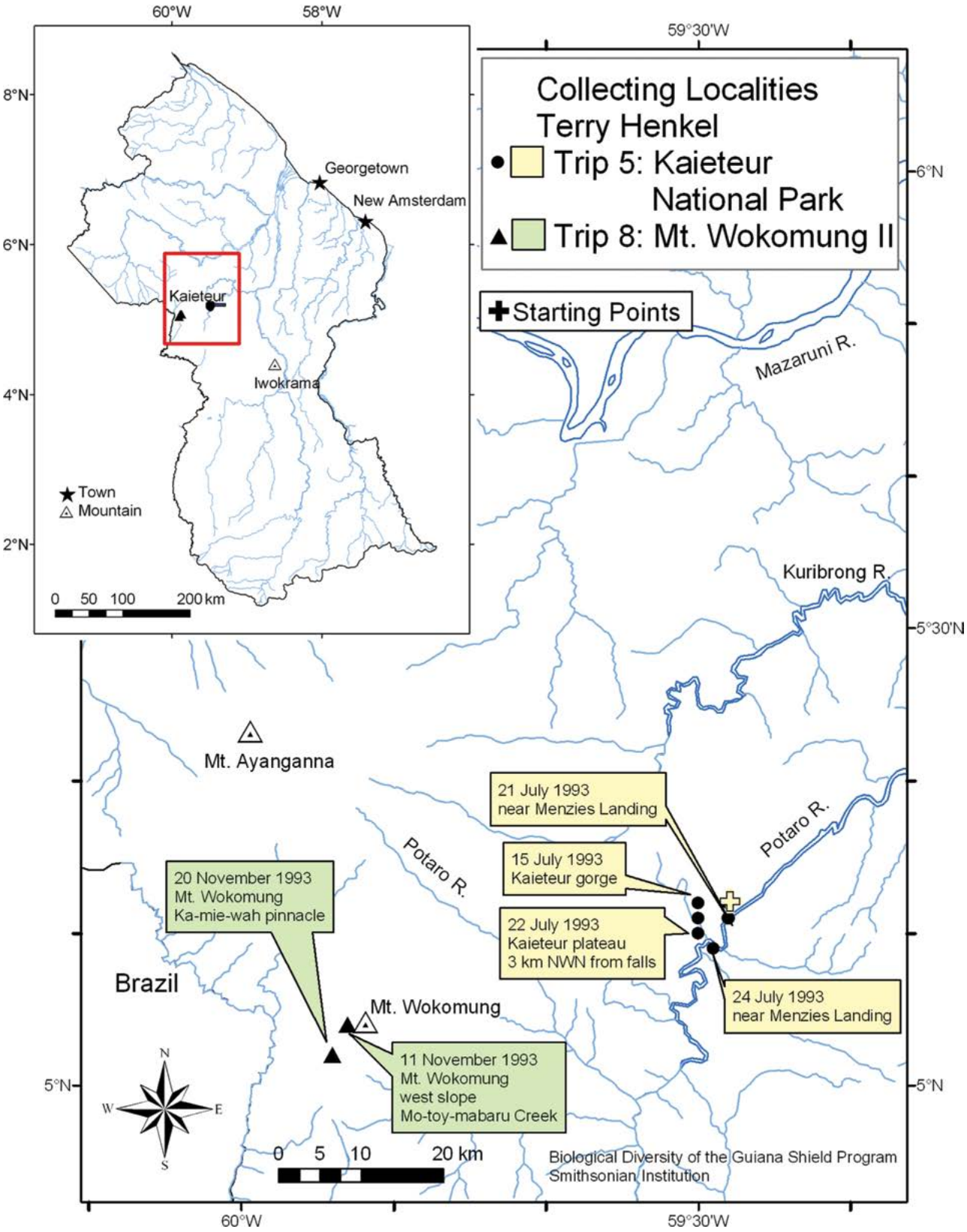
On a sad note, Will Ryan, an amateur botanist who participated in the previous expedition, did not join this expedition but decided to stay in Guyana's capitol city of Georgetown to relax and recuperate from what he thought was the flu. Little did anyone know that Ryan had contracted both vivax and falciparum malaria during our expedition (Trip 3) to the Pakaraima Mountains. He was treated at the hospital in Georgetown and immediately medevaced out to Florida but passed away from this terrible disease. He was a good friend and colleague and is sorely missed. We have dedicated this volume to him so that a record of his work will exist and so that others will appreciate what he contributed to our knowledge of plant diversity of Guyana.

TRIP 5: KAIETEUR NATIONAL PARK

COLLECTIONS 2158–2460. 1–26 JULY 1993 MAP 4

In continuing the botanical exploration of the Pakaraima Mountains of Guyana, the Smithsonian Institution (SI), in conjunction with the University of Guyana (UG), mounted an expedition to Kaieteur National Park in July 1993. The five-member expedition party consisted of Carol Kelloff (SI), Kathryn Rankin (SI), D. Gopaul (UG), Terry Henkel (SI), and Romeo Williams (Guyanese field assistant). The team was split into two groups; Kelloff, Rankin, and Gopaul stayed at the top of the escarpment to continue documenting the flora of that area while Henkel and Williams continued down the gorge to collect near the splash basin. A preliminary checklist of the plants of Kaieteur (Kelloff and Funk, 1998) lacked many of the major canopy trees and some of the herbaceous plants and epiphytes. The purpose of splitting the expedition into two groups was to try to collect these missing taxa. The exploration by Henkel and Williams is reported here; the expedition report from the Kelloff group will be recorded in a subsequent volume of this series.

Preparations for the expedition were made in Georgetown, Guyana, during the first week of July. Kelloff obtained permission to collect plants in Kaieteur National Park from Guyana's Parks Commission. Meanwhile, Henkel, Williams, and the ever-diligent Mohamed "Harold" Ameer obtained rations and gear. These were divided into two sets for use by the two groups, who



MAP 4. Collecting localities, Trips 5 and 8.

would operate independently. Flight arrangements were made on a twin-engine Islander (capacity 1,525 lb) with Malcolm Chan-a-Sue as pilot. The plane, with the near-capacity load, departed Ogle Airport at 2 p.m. on 9 July and landed at Kaieteur airstrip at 3:15 p.m.

Kaieteur Falls is located at the eastern edge of the Kaieteur Plateau, which forms the eastern delimitation of the Pakaraima Mountains in Guyana. The Potaro River, whose headwaters originate from the Mount Ayanganna area, winds for miles over the plateau, finally reaching a great escarpment over which it plunges to form the 242 m sheer drop of Kaieteur Falls. The escarpment, composed of sandstones and conglomerates of the lower Roraima Formation, forms a bowl-shaped canyon, the nearly beyond-vertical walls peppered with scrubby clusters of vegetation. The falls' splash basin (Figure 10), a scene of constant cataclysm, is surrounded by a zone of naked, perpetually wet boulders spawned over the eons by the cliffs above.

A clear zonation occurs in the plant community relative to position from the splash pool. Beyond the naked rocks, the boulders are covered by an apparently bryophytic community, followed by herbs (Figure 11), and finally, several hundred meters beyond the falls, forest begins. The forest continues on both sides of the gorge, except for occasional openings with bare rock on the upper cliffs. The river winds for several kilometers through the narrow gorge before the gorge widens into a series of foothills.

The tableland around the western top of the falls, at 300–460 m elevation, extends over several hundred hectares. Vegetation consists of a mosaic of low forest and rocky savanna. Exposed sandstone and conglomerate are considerable and influence the distribution of plant communities. Seepage savannas, or "bogs," are located around the exposed rock, and the various scrubby forests form on depressional areas with greater soil buildup. Plant species composition is indicative of the Guiana Highlands, with Rapateaceae, Bonnetiaceae, Melastomataceae, Fabaceae, Cyperaceae, Xyridaceae, and Bromeliaceae being abundant. Forest occurs on the eastern falls' top, with a more limited area of savanna.

Because of accessibility, reputation, and, to a lesser extent, floristic uniqueness, Kaieteur Falls is one of the better-studied areas of the Pakaraimas. The rich diversity of sandstone-related taxa in the uplands west of the falls has been repeatedly collected by botanists, herpetologists, entomologists, and ornithologists (Bob Brown, independent unaffiliated researcher, personal communication). The gorge, however, has been visited sporadically, at best, by botanists. The inner gorge, a well-defined ecological "unit" circumscribed by steep cliffs and dominated by the meteorological dynamics of the falls, remains virtually unexplored. The objectives of Henkel and Williams were to explore the gorge for one to two weeks, collect as wide a diversity of plant and fungal taxa as possible, and penetrate to the splash pool.

On 10 July Henkel and Williams descended the gorge via the Kaieteur–Tukeit trail, accompanied by two porkknockers who served as droghers (porters). The trail is part of a well-established route from Kaieteur to the lower Potaro and contained evidence of development and maintenance during the colonial days, such as concrete bridges and structural remnants of a guest house at Tukeit. The route down, starting at the guesthouse, followed the western rim of the inner gorge through scrubby savanna as far as Johnson's View, continued NE through

FIGURE 10. Kaieteur Falls, from gorge. Photo by Terry Henkel.

FIGURE 11. A specimen of *Navia* (Bromeliaceae). Photo by Terry Henkel.

forest along a narrow, flat ridge at 500 m elevation for 1–2 km, then descended the ridge via its northern flank, on a steep trail with large seepage walls and forest. Continuing northward, the trail crossed Korume Creek at the first colonial bridge, followed the eastern flank of the next ridge 1–1.5 km across the second bridge, and turned east to descend the creek (unnamed) flowing under the third bridge.

The party followed the creek approximately 200 m down to the Potaro River at 100 m elevation. Having reached the outer gorge, the party followed the river's west bank several hundred meters upstream to the mouth of Korume Creek. Crossing the creek, base camp was established 50 m upslope from the river. This circuitous route was chosen because the shorter, more direct descent down Korume Creek was too precipitous for a full load, and in fact, an old trail exists. Later in the expedition this area was explored. The porkknockers were discharged, receiving a ridiculously high wage of 2,000 Guyana dollars for four hours work—the result of this being a mining area. The botanists settled in.

The first objective was to negotiate a route to the inner gorge; only then would collecting begin. On the basis of information provided by Steve Fratello (an amateur lepidopterist and Kaieteur fanatic) a difficult route was found that followed the gorge's west wall to the falls' splash basin.

Henkel and Williams headed into the gorge. The route wound its way through switchback trails and over an interminable slope of boulders woven together by the roots of the oligotrophic forest. The first two days were spent negotiating this difficult route and establishing an inner gorge camp (IGC) as close as possible to the falls' splash pool.

From the IGC collections were made on nearby forested boulder slopes. The abundance of ferns on the seepage walls and interstices of the boulders was immediately evident—indeed, ferns constituted a large proportion of the gorge taxa collected. Hymenophyllaceae, Adiantaceae, Dennstaedtiaceae, and Vittariaceae were abundant, along with unrecognized taxa. Cyatheaceae were conspicuously absent, which is interesting given their abundance in similar habitats elsewhere in the Pakaraimas.

Other ground-level taxa collected included several shrubby melastomes, several Piperaceae, and two low *Smilax*. Succulent Gesneriaceae (*Nautilocalyx*) spread laterally on the moist boulder faces, subtended by thick mats of *Selaginella* and Lycopodiaceae. Araceae were extremely abundant, yet only a few taxa were fertile. Spatulate, palmate, and heart-leafed Araceae were common on the level surfaces of large boulders, where soil had developed. Common epiphytic aroids included *Philodendron* and *Rhodospatha*. Several Marantaceae formed ground-level thickets.

From the IGC, Williams tried in vain to reach the herbaceous plant community immediately surrounding the falls' splash pool. The water level of the Potaro River was very high, being fed by daily rains. The topography near the falls is extremely broken, and the only realistic approach to the inner zone, aside from literally crawling over several acres of jagged boulders, is to swim the last calm stretch of the river and climb into the crash zone directly from the water. This could (and likely will) be accomplished during the dry season. Such an approach during the torrential rains of July was deemed unsafe by Henkel and Williams.

An attempt to reach Johnson's View from the inner gorge allowed passage to the upper gorge slope, where final clearance to the lookout was prevented by sheer rock cliffs. Collections were made during this reconnaissance, giving a brief sampling of the higher gorge forest.

Powerful, unpredictable rains forced the team to occupy the inner gorge for only three days. The makeshift camp of palm fronds (powis-tail) was no match for the deluge. Nightly swarming of souari ants (*Eciton*?) made sleep impossible, the millions-strong phalanxes only repelled from the ground-level beds by digging a shallow moat around the area and filling it with kerosene. A fair sampling of the flora was nonetheless completed, however, since fertile taxa were limited in number. The next several days were spent collecting in the gorge forest between IGC and BC and retrieving specimens stored at IGC.

Essentially, the plant community was consistent over this stretch of gorge, although some zonation in species occurrence seemed to occur. The gorge rocks were primarily sandstones. The sandstones were rather pure, of medium coarseness, and dark pink in color. More rare was exposed silicified sandstone, extremely hard and appearing like pink crystalline bands (no sand grains discernable under magnification) embedded within regular sandstone sections. Conglomerates were present to a lesser extent yet were frequently encountered. They were composed of white quartz stones of various sizes (marble to tennis ball) cemented together by coarse pink sand grit. The quartz pebbles are perfectly waterworn into a variety of rounded shapes from the action of the unspeakably ancient rivers of Gondwanaland. Given that conglomerates usually occur in the lower, and thus more ancient, layers of the sedimentary Roraima Formation, these Kaieteurian rocks may be nearly 1.8 billion years old, the upper age limit for the formation. Viewing these rocks in the field, such unfathomable antiquity is cause for reflection. Gabbroic intrusions and resulting lateritic soils seen elsewhere in the Pakaraimas were not observed in the gorge.

The sandstone boulder environment and its subsequent effects on soil development and nutrition strongly influence the forest. Soils were composed primarily of organic matter collected on the tops and interstices of the boulders, with occasional sand washes from the numerous small creeks. As the debris decomposes, a thick spongy peat develops, permeated by a plethora of tree roots. Nearly all of the roots seem to spread laterally over and between the rocks, searching for pockets of organic matter within which to proliferate. Likely, most nutrient turnover occurs in these pockets, the substrate otherwise consisting of nutrient-void sandstone and its erosion derivates.

The west gorge slope is entirely forested and appeared relatively homogenous to the north and south (i.e., BC–IGC) in terms of species composition. Tree taxa included a high percentage of *Eperua* (wallaba), along with *Dicymbe* (clump

wallaba), *Ocotea tomentella* Sandwith (barudani), *Aspidosperma* (yarula), *Pterocarpus officinale* Jacq. (corkwood), *Aldina insignis* (Benth.) Endl. (dakamballi), *Emmotum fagifolium* Ham. (candlewood), "plum," several Lecythidaceae, *Ficus*, and many other species. Canopy epiphytes were moderately abundant on larger horizontal tree limbs. Moss epiphytes were abundant on tree trunks.

Canopy height was relatively uniform over most of the western gorge slope, at 20–35 m, with one to two sparse midstories. Forest stature decreased slightly with proximity to the falls, except on alluvial terraces with robust stands of *Mora excelsa*. The narrow "floodplain" terraces contained other common riverine genera, such as *Chrysobalanus*, *Clusia*, *Pachira*, *Inga*, and others. Similar vegetation was observed on small midriver islands.

Nine days of difficult collecting in the gorge yielded about 100 taxa. Two days were required for Henkel and Williams to carry all the specimens and gear up to the guest house, from which another six days collecting were carried out on the Potaro River and in various plant communities on the plateau.

Excerpts from Henkel's field journal will suffice to describe the final week's collecting.

Potaro River

Along the river banks, 2 km in either direction of Menzies' Landing. A considerable proportion of the taxa collected were similar to those from Essequibo environs, such as "sweet man," a common caesalpinioid legume, water cocoa (*Bombax*) and others; yet others were different—in fact, the majority collected were different. Notables included a Malpighiaceae liana; two frequent *Securidaca* of the Polygalaceae—woody climbers with papilionoid magenta flowers and fancy clusters of samaras; a variety of epiphytic orchids and bromeliads; and an arrow-leafed, spiral-spathed *Urospatha* aroid in swampy riverine lowlands. Noticeably absent over much of the river course was *Mora excelsa*, though present in occasional small stands.

Kaieteur–Kuribrong Trail

The Kaieteur–Kuribrong scrub is essentially like that around Kaieteur airstrip in physiognomy (though less disturbed). On the slight uplands and microplateaus was much exposed rock (sandstone mostly, with some conglomerate), set with islands or "strands" of various statured woody vegetation, including much Fabaceae with Theaceae, Clusiaceae, Malpighiaceae, Bignoniaceae, and terrestrial orchids along with various woody climbers, etc.

On the slopes and slight bottoms, where moisture accumulates, are "bogs" of Xyridaceae, Cyperaceae, *Utricularia*, *Brocchinia reducta* and giant tank bromeliads—typical of the wet portions of the Guiana Highlands sand savannas.

We collected along a 1 km stretch of the line and discovered many new taxa for the trip. The density and variety of fertile taxa was high, apparently a "wet season" or "closing of the wet season" response. Of note were a yellow-latex tree with whorled leaves and large bulky flowers with spirally-arranged parts and rank odor—I thought Guttiferae, at first, but the flowers were all wrong!—and a gorgeous small red flowered loranth, the tiny lavender *Orectanthe* Williams found on Kukinang, a *Saxofridericia*, other Rapataceae still to collect, two malpighs—a *Stigmaphyllon* yellow-flowered (showy!) sprawler and a pink-flowered *Byrsonima*, a tubular red-flowered putative ericaceous woody sprawler (collected on Ayanganna), parasitic *Cassytha* and many other unrecognized, mostly woody taxa.

"Mist" Forest at Kaieteur Falls Top

We collected along the Fall's gorge rim from the Falls to Johnson's Lookout. Undoubtedly a heavily collected area, we nonetheless wanted to see for ourselves the plant life in the "cloud" or "mist" forest that receives a continual bath of Falls-generated mist along a section of the west gorge rim.

So we transected the heart of the mist forest, which is at most a hectare or two in extent. Of variable canopy height, though generally not exceeding 20 m, occasional trees occur up to 0.5 m dbh, but are usually smaller. Woody climbers are abundant and create tangles. Bryophytic epiphytes cover every available surface—a good indicator of perpetual mist. The moss layers do not achieve the luxuriant thickness as those on the true cloud forest of Wokomung or Ayanganna, however.

Aroids, both epiphytic and terrestrial, were abundant as in the gorge. The misty waves periodically passing through the low canopy gave the forest a genuine cloud forest feeling, though only at 1000 m elevation!

Heliconias and *Ichnosiphon* form frequent ground cover thickets. Many herbaceous and some fern taxa common in the gorge are found in the mist forest, especially on the large conglomerate boulders which, like in the gorge, litter the terrain. Leaf litter and detritus accumulates in thick spongy layers, also like in the gorge.

Epiphytic bromeliads are abundant too, and two *Passiflora* were found here in fruit.

The small mist forest, which is definitely in a consistent (at least during high water), well-delimited pathway for the Fall's mist plume, appeared to thus differ from the surrounding xeromorphic scrub forest in its increased mesic-ness (obviously), epiphyte density (both vascular

and non-vascular), liana density, and organic matter accumulations. Also, to a certain extent in plant species composition, as evidenced by the collections, though more detailed survey would be necessary to demonstrate this. In essence, the mist forest is physiognomically like the "generalized gorge forest."

The Henkel-Williams expedition yielded 302 collections in the 17 days they explored Kaieteur Falls and the Potaro Gorge.

TRIP 6: ESSEQUIBO RIVER–BERBICE SAVANNA–SOESDYKE–LINDEN HIGHWAY–MAHAICA COAST

COLLECTIONS 2461–2768. 10–24 AUGUST 1993 MAP 5

These "mini" collecting trips were important as they allowed for time to organize a larger expedition into the interior. These trips were done using the Smithsonian vehicle, doing car camping along the way (imagine that, in Guyana!). Collections along the Soesdyke–Linden Highway were from disturbed white sand wallaba (*Eperua*) forest. Those from the Berbice savanna were from vegetation typical of the near-interior savannas—a natural formation (not anthropogenic) but heavily impacted from repeated anthropogenic fires. The Essequibo River numbers were from alluvial forests along the river near Wolga settlement. The Mahaica coast collections were made driving down the coast with Harold Ameer and collecting weedy plants. This small trip produced 307 plant collections.

TRIP 7: MARUDI MOUNTAINS–KUYUWINI RIVER

COLLECTIONS 2769–3470. 6 SEPTEMBER TO 15 OCTOBER 1993 MAP 6

To this point, plant collecting efforts for the Smithsonian Institution's BDG program had continued to focus on higher-elevation sites in the Pakaraima Mountains. In an effort to expand BDG's botanical surveys into the more remote regions of the country, the relatively unstudied far south of Guyana (south of the Rupununi savanna) was selected as an area for exploration. This report describes the first of the southern expeditions, to the Marudi Mountains and Kuyuwini River.

A sporadic stream of botanical specimens has emerged from remote southern Guyana over the course of one and a half centuries. Some specimens were gathered by Robert Schomburgk (1837; see Guppy, 1953; van Dam, 2002, Alexander, 2014) during his monumental search for the sources of the Essequibo; since then, intact collections have emerged from explorations by A. C. Smith (1939) and N. L. Guppy (1952). The latter author made especially significant collections from the Essequibo headwaters south over the Acarai Mountains and into adjacent Amazonian watersheds of northern Brazil.

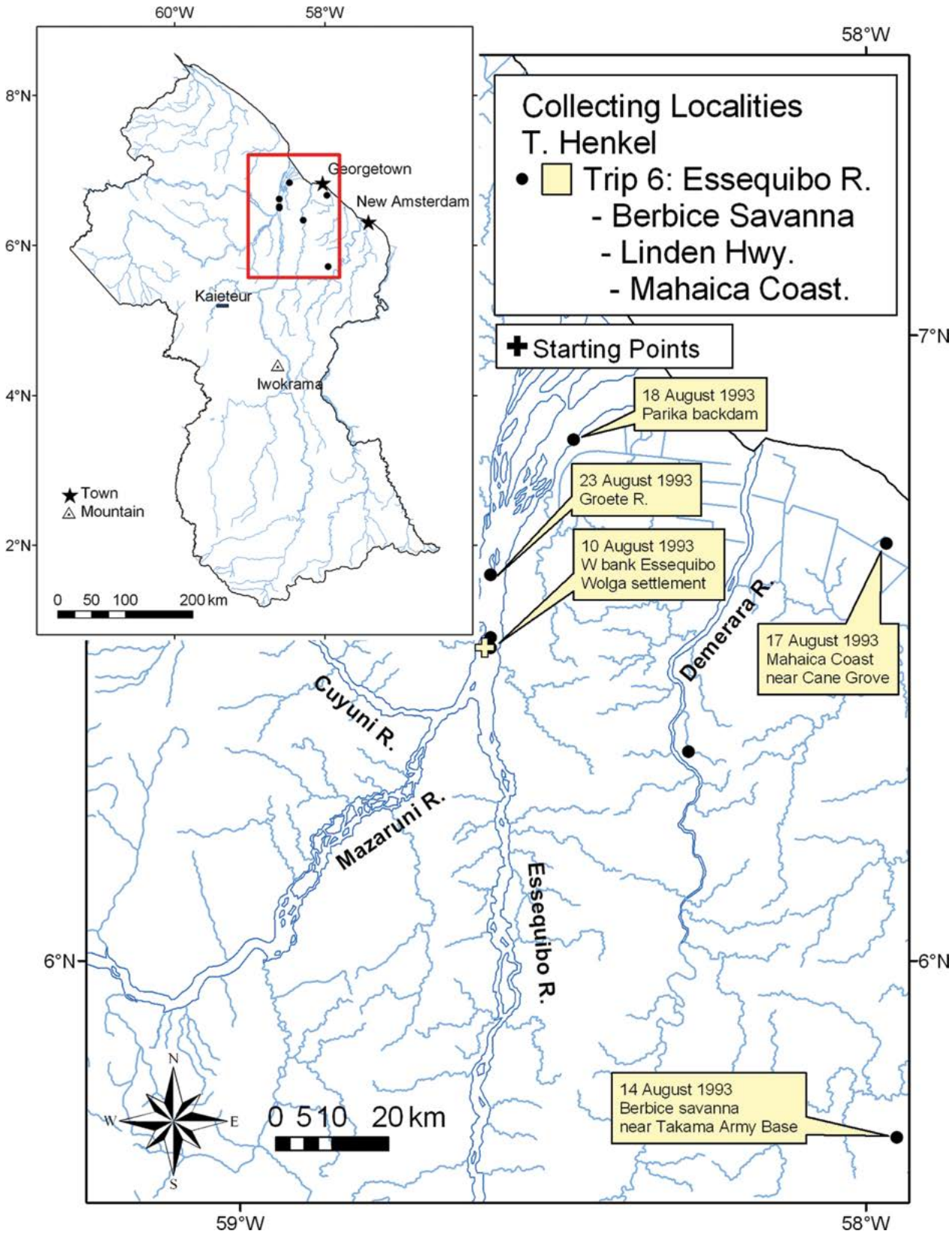
Subsequent modern collections were made by botanists from the University of Utrecht, in the Netherlands, and the Dutch Tropenbos International, a foundation in Guyana. The Tropenbos researchers surveyed a variety of interesting areas, including the south Rupununi savannas, upper Kuyuwini River, Marudi Mountains, Gunn's Strip, and the Kamoa Mountains (B. ter Welle, University of Utrecht, personal communication). Nonetheless, the bulk of southern Guyana's wilderness remains botanically unexplored; areas of high interest include the lower Kuyuwini River, the Kassikaityu River, the headwater tributaries of the Essequibo, the Wassari and Acarai border ranges, and the vast Oronoque–New River watershed. Smithsonian expeditions in 1993–1994, of which this report describes the first, were designed to expand the regional collecting efforts of the Tropenbos expeditions.

This expedition covered a line of travel beginning in the Wapisiana Amerindian village of Aishalton in the south Rupununi savanna, southeastward to the savanna–forest interface ("bush mouth"), through forest to the Marudi Mountains, continuing S–SE past the Bat Mountain inselberg to Aishalton Landing on the middle Kuyuwini River, then east down the Kuyuwini to its union with the upper Essequibo River. Return was by the same route. Total one-way distance traveled was about 200 km.

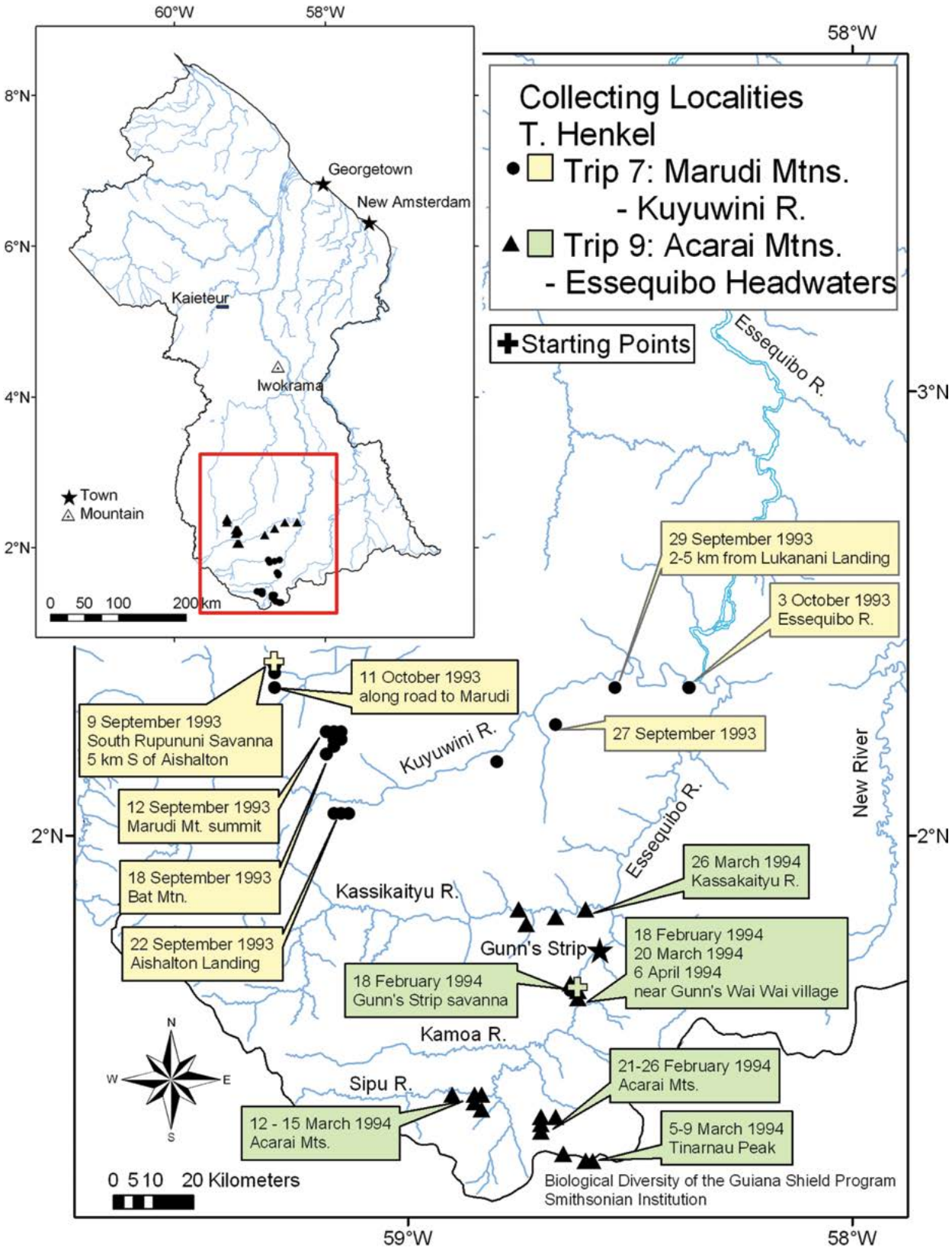
This route accessed a variety of plant communities, including dry savanna uplands, mesic depressions, gallery forests and forest islands, terra firme forest on gray and brown clays, Marudi-type forest on burgundy clays, the intermediary balata forests south of Marudi, xerophytic inselberg vegetation of Bat Mountain, riverine uplands and seasonally flooded forest along the Kuyuwini and upper Essequibo Rivers, and isolated sclerophyllous scrub forest on gray sand along the Essequibo River.

Logistical preparations were carried out in Georgetown, Guyana, from 23 August to 5 September. Rations, fuel, and gear were obtained through normal channels and sorted and packed accordingly. Permits were obtained through the University of Guyana, the Ministry of Home Affairs, and the Amerindian Affairs Office. All Georgetown preparations were facilitated by the ever-diligent Mohamed "Harold" Ameer. Air charter was arranged through Captain Malcolm Chan-A-Sue on a twin-engine Islander, owned by Kayman Sankar Aviation. Weight capacity to Aishalton was 1,250 lb. Henkel flew with Chan-A-Sue and all supplies; Williams followed a day later on a flight of the Romanex Company, a gold-prospecting firm operating in the Marudi Mountains. Romanex provided additional transportation, communications, and lodging assistance during the expedition.

In Aishalton, Henkel and Williams stayed in the regional guest house. After contacting the village tuchau (captain), guides and porters (droghers) were arranged through Aishalton resident Vibert James. Mr. James is well experienced with the Dutch botanical expeditions and facilitated all Aishalton preparations. Local foods were procured to augment the supplies brought from Georgetown: 100 lb of cassava farina and 30 lb of tasso (salted,



MAP 5. Collecting localities, Trip 6.



MAP 6. Collecting localities, Trips 7 and 9.

dried beef). Fishing line and hooks were distributed upon request so that the Amerindians could further augment their rations upon reaching the Kuyuwini River. The Wapisiana Amerindian crew under direction of Vibert James included Regis James, Godfrey Pauline, Kenneth Casimero, and Edgar Casimero.

In addition, five pack bullocks under direction of Hugh Realine were employed to transport fuel and rations from Aishalton-Kuyuwini River. The remaining supplies were carried by the seven-member expedition party overland, on foot.

Aishalton–Bush Mouth

The savanna extending 8–15 km south and east of Aishalton consisted of rolling hills, with very little truly flat land, crossed with numerous winding water courses. Overall geology appeared to be igneous, with quartz stones, derived sands, and red earths exposed along trails and stream washes, along with occasional mica flecks. Some low rises exhibited ironstone pebbles on the surface. Soils were usually of sand, mostly brown yet sometimes gray to white. Large, hump-shaped granitic masses rose 300–400 m from the surrounding landscape. These "komashe" outcrops displayed much bare rock, entirely black from a uniform coating of cyanobacteria.

Vegetation consisted of upland grasslands interspersed with wet depressions, gallery forests, forest islands, and xerophytic scrub on the rocky outcrops.

The upland savanna consisted of *Trachypogon spicatus*, occasionally in large monospecific stands, and a variety of other grasses. The prostrate subshrub *Byrsonima verbascifolia* (L.) DC., along with the queer *Palicourea rigida*, was locally abundant on ironstone ridges, as were a variety of other herbs. Trees, especially of the Malpighiaceae genus *Byrsonima*, were reduced in number compared to other savanna sites observed in the north Rupununi and south Pakaraimas; only the occasional *Byrsonima crassifolia* (L.) Kunth was seen. *Curatella americana*, ubiquitous in neotropical savannas, were few and scattered and only infrequently formed the "orchard" association. The inundated depressions were especially rich in flowering herbs and shrubs. Of note were several species of herbaceous papilionoid legumes, two *Ludwigia*, several *Xyris*, *Hyptis*, *Heliconia psittacorum*, shrubby melastomes, and a variety of grasses and sedges. The gallery forests consisted primarily of *Mauritia flexuosa* palms and assorted small trees. The bush islands contained, of note, a bright-yellow-flowered *Vochysia* species blooming profusely. In addition, good representation of *Anadenanthera peregrina* (L.) Speg. var. *peregrina*, in full fruit, was found on the island fringes. The seeds of this leguminous tree are the source of a potent hallucinogen (*N*,*N*-dimethyltryptamine) employed ritually by Amerindians in Venezuela; the Guyana tribes seemed unaware of its psychoactive properties.

The large igneous "mountains" dotting the savanna featured a mosaic of forest, low xerophytic scrub, and bare rock. A variety of terrestrial orchids was collected from the scrub.

Bush Mouth–Marudi Mountains

Approximately 12 km south of Aishalton the savanna yields to forest (bush mouth). Continuing S–SE, the Marudi road passed for several kilometers through secondary forest, regenerating following a large wildfire a number of years earlier. The track continued through increasingly robust forest, on relatively flat land, crossing 12 creeks in the next 10–15 km. Tree height increased to 35+ m; taxa included *Eschweilera*, *Goupia glabra* Aubl., *Diplotropis*, *Manilkara bidentata* (A. DC.) A. Chev., *Ceiba pentandra* (L.) Gaertn., and the occasional *Bertholletia excelsa* Bonpl. Since the vegetation was familiar, little collecting was done in this forest.

Within a few kilometers of Marudi Mountains the predominating brown sandy soils yielded to a heavy burgundy-colored clay. A corresponding increase in the stature and overall verdure of the forest was immediately evident. Several more kilometers through the rich forest over gradually climbing hills brought the expedition to the Marudi Mine Compound, which would serve as base camp during collecting along the main Marudi ridgeline.

Marudi Mountains

The Marudi Mountains contained a rich rainforest. The trees were generally very tall, the upper canopy averaging from 50 to 70 m, with taller emergents. Where undisturbed, trees frequently exhibited bole diameters, above buttresses, of 1–2 m. Such dimensions were noticeably greater than those of trees in the surrounding lowlands.

Species diversity in the trees was apparently high since the same tree species was often not seen a second time over a long walking distance. Recognized taxa included *Couratari* cf. *stellata* A. C. Sm., brazil nut (*Bertholletia excelsa*), balata (*Manilkara bidentata*), simarupa (*Quassia*), matchwood (*Tapirira*), kounta (*Licania*), parkusan (*Aspidosperma*), tauroniro (*Humiria*), freijo (*Cordia*), brown cedar (*Cedrela*), and dukali (*Parahancornia*). A plethora of unrecognized species was encountered, differing greatly from those characterizing the near interior of Guyana (and confusing the tree spotters!). Palms were abundant and diverse in the ground and midstories and included turu (*Jessenia*) and bunyo (*Bactris*). Lianas were locally abundant but patchily distributed. In general, lianas were more prevalent in disturbed sections of the forest, occurring sporadically in the primary forest. Other epiphytes were of low occurrence. Bromeliads (both epiphytic and terrestrial) were completely absent. Orchids were infrequently observed in the high canopy. Aroids were reduced to a few bole-dwelling species and the occasional terrestrial *Anthurium*. Conversely, species of *Usnea* lichens were very abundant in the high canopy, the thick pendant masses draping the trees' upper branches. These *Usnea* species were not observed elsewhere in the region.

The ground flora featured abundant and diverse ferns. On the rich clay slopes and along creeks in the primary forest, Dennstaedtiaceae, Adiantaceae, and Metaxyaceae were

especially abundant, along with the occasional Cyatheaceae. Most ferns were terrestrial, with the occasional bole epiphyte. Species composition varied considerably with variations in microhabitat. Marantaceae were also rich in the ground flora, with thick patches of *Ichnosiphon* and *Calathea*.

The perceived richness of the Marudi forest relative to the surrounding lowlands was likely related to edaphic factors. The dark burgundy heavy clays appeared only in the vicinity of the Marudi ridge, at which point the forest appeared lusher. Romanex geologists indicated a high level of calcium in the underlying bedrock. This calcium could contribute to a "sweetening" of the soils (higher pH) and, combined with high nutrient retention of the heavy clays, a relatively high level of fertility. That Marudi is a singularly rich environment was also evidenced by the quality of crops grown at the mine compound—papayas were the size of soccer balls or more, literally raining off the trees, supplemented by a seemingly endless supply of bananas, limes, oranges, all from exceedingly large and lush trees. In addition, enhanced precipitation may contribute to Marudi's fertility, as orographic clouds gathered around the ridge on a daily basis.

Anthropogenic Disturbance: Marudi

Anthropogenic disturbance was rife in Marudi. Exploration and mining for gold over many decades has resulted in substantial forest clearing. The mine compound featured a 5 ha clearing. Many of the older clearings were regrown in thick secondary forest, and newer clearings were choked with extremely dense growths of bamboo and shrubs, further testimony to the area's fertility. Gold exploration activities have resulted in a network of bulldozed roads and clearings at drilling sites, with severe erosion on steep hillsides. A maze of survey lines (understory clearings) radiated through the primary forest, delineating mining claims. Porkknocking (gold mining) disturbs creek banks and muddies streams (Figure 12). Finally, a smattering of settlers has established farms on the rich clay soils. Given the uniqueness and limited extent of the Marudi forest and the possible presence of rare or endemic plant species, such disturbances are significant. If exploitable deposits of gold are discovered, the whole area could be leveled. This emphasizes the importance of biotic surveys in Marudi.

Bat Mountain

Continuing several kilometers S–SE from Marudi along a well-established trail, camp was made at trailside on a tributary of Toucan Creek. From this camp an attempt was made to find and collect plants on Bat Mountain, an isolated granitic inselberg visible several kilometers to the south from the Marudi ridge. Since no trail existed to Bat Mountain, the expedition party cut a line, using a combination of tree climbing, sightings of the mountain, and compass bearings. After 10 km of navigation over rolling terrain the inselberg was reached. The forests between Marudi and Bat Mountain are uninhabited and extensive. The rolling terrain featured clay uplands alternating with swamp bottomlands with rocky outcrops on the higher ridges.

FIGURE 12. Mining camps and forest profile, Marudi Mountains. Photo by Terry Henkel.

The uplands are forested with mixed hardwoods of considerable stature, with upper canopy from 40 to 50 m; soils were of dull red and gray clays. Trees with boles of 1–2 m diameter were frequent. The prominent tree taxa included balata (*Manilkara bidentata*), black balata (*M. huberi* (Ducke) A. Chev.), a species of *Couratari*, and several Lauraceae. Large lianas were prominent on the large trees, along with thick epiphyte communities in the upper canopy. The dense midstory was subtended by an understory of spinose and nonspinose palms.

Inundated bottomlands were frequent and often over a kilometer wide. Fertile palms were dominant in the upper part (15–25 m) and midstories, including manicole (*Euterpe*), turu, and low. Hardwood species were interspersed in lower density. The rocky ridges exhibited forest of reduced stature on mineral soils, with granitic boulders frequently exposed at the surface.

Bat Mountain itself is an isolated mass of granite rising dome-like, abruptly and precipitously, from the surrounding lowlands (i.e., inselberg). A toe slope of increasing relief with low forest subtended the steep dome. The toe slope forest was rather xerophytic with 15–25 m canopy height, with species composition appearing different from the surrounding forests.

Abundant terrestrial ferns and moss epiphytes suggested seasonally mesic conditions.

The abrupt rock walls of the dome were covered with a uniform coating of blackish cyanobacteria (not collected). Sheer rock dominated the north face (80%), with vegetation on the flatter areas and in wider cracks. The lower dome rose two-thirds of the distance to the top at lesser relief and thus contained more vegetation. The upper third was nearly vertical and vegetation free. A few shrubs were visible on the summit.

Plant communities on the rock faces were patchy in distribution and consisted of appressed, trailing woody climbers, and scrub forests developed on mats of trapped, root-permeated organic matter. Prominent taxa included three species of *Clusia*; four *Ficus* (Figure 13); several Cactaceae; an *Epiphyllum* (epiphytic); *Rhipsalis*; terrestrial Orchidaceae, including large stands of a purple-flowered *Epidendrum*; small grasses; ferns of multiple families; a *Costus*; a yellow-flowered bombacaceous tree; and many others. The scrub forests were at least seasonally xerophytic, being exceedingly dry in mid-September. Observed animals included black lizards abundant on warm rock walls and a bushmaster (*Lachesis muta* L., 1766) of at least 2 m in length (many other previously shed skins of this snake were observed).

Bat Mountain–Kuyuwini River

The route from Bat Mountain south to the Kuyuwini River required one day of tough walking through hill and valley country. Balata (raw rubber) harvesting was common in the upland forests nearer to Bat Mountain. In the uplands farther south trees reached very impressive proportions, especially a certain *Couratari* species (Lecythidaceae) and a gigantic emergent legume called itiker in Wapisiana. The itiker, possibly a species of *Pithecellobium,* has a thick, red-barked bole, with few buttresses, usually greater than 1.5 m in diameter in mature individuals, rising to nearly 30 m before the first set of thick, muscular branches begins arching upward to thrust the crown far above the normal canopy to heights between 60 and 80 m. Usually, when one large itiker is found, several others of various ages will be found nearby. One giant specimen, which constituted the largest tree seen to date by the author in Guyana, was at least 5 m in diameter and over 70 m in height, with huge burls dotting the ancient trunk as it rose 30–40 m before the first limbs. The tree was so impressive that Amerindians and white man alike were dumbfounded in its presence. The tree was located where the Marudi–Kuyuwini trail crossed Toucan Creek. The succession of uplands was interspersed with typical manicole palm swamps.

FIGURE 13. Terry Henkel with *Ficus* sp. tree (Moraceae), Marudi Mountains. Self-portrait by Terry Henkel.

Kuyuwini River

The Kuyuwini River was reached at Aishalton Landing, a camp commonly used by the Aishalton Wapisiana for fishing. Here an abandoned Wai Wai dugout was rehabilitated and fitted for the outboard. A few days of collecting were conducted around the landing.

Descent of the river began on 24 September. Paddling the first half of the day, to conserve the 20 gallons of fuel, was followed in late afternoon by slow motoring for several hours until camp was made. From camp, the following day or two was devoted to collecting along the river and adjacent forests and fishing. The party traveled the entire next day, made camp, and repeated the collecting cycle. In this fashion plants were collected the entire distance all the way to the mouth of the Kuyuwini River (requiring seven days).

The Kuyuwini River passed almost entirely through flat, low-lying country, with a basal elevation around 200 m. High hills were absent near the river, although the occasional high banks were subtended by forested rises (levees). The river meandered strongly through the low terrain and on the outer meanders formed large swamp pools or "ponds." These still-water ponds were choice fishing spots for haimara (*Erythrinus*) and other game fish. On meanders where the outer bank was high, the river ran fast, and the inner bank generated a high sand bar, behind which formed stagnant backwater swamps, a source of innumerable mosquitoes. Separating the successive bends in the river were long stretches of wide, straight river, with slow-moving water.

The geology of the area is barely revealed along the river. Occasionally, granitic boulders were exposed in the river channel. Alluviums exposed along the banks were not rocky, composed of primary brown and gray sands and occasional exposures of pure gray clays. In several locations the exposed boulders formed mild rapid areas. In two cases ancient aboriginal rock engravings were seen on midriver boulders.

The overall vegetation ecology of the entire river course was an alternation of low-lying, semi-inundated swamp forest with higher, drier bank forest. The swamp forest was dominated by a large caesalpinioid legume, called *te kush* in Wapisiana,

in association with a spiny palm (*Astrocaryum*?). The te kush formed a low, spreading canopy at 30 m, under which the palm formed thickets on sandy rises, between which river water extended many dozens of meters beyond the channel. In the river's lower reaches the small spiny palm was replaced with a much taller species (20+ m) of *Astrocaryum* cf. *jauari* Mart. The swamp forest and ponds were very abundant in waterfowl, particularly cranes and ducks, with the occasional anhinga and cormorant. The drier bank forest was richer in tree species and included abundant Lecythidaceae (such as *Eschweilera* and *Bertholletia*) and Fabaceae (such as *Inga* and *Mimosa*), as well as many unrecognized taxa. Fertile lianas were especially abundant, particularly Bignoniaceae, *Machaerium,* and *Gnetum*. The Bignoniaceae deserve special mention because at least 8–10 species were found in flower on the Kuyuwini. *Cecropia* were also common on the river banks. River margins and sandbars contained long strands of Myrtaceae shrubs. A large number of unrecognized woody taxa were collected.

Fauna along the Kuyuwini River deserve elaboration. The Kuyuwini, inhabited in historical times by Taruma Amerindians, is now completely uninhabited by human beings for a 150+ km stretch. This stretch exhibited more variety and abundance of animals than any other river system yet seen by the author in Guyana. This was clearly due to the lack of hunting pressure and habitat disturbance. Any influx of miners or loggers or excessive in-migration by Amerindians would reduce this tremendous fauna.

Large mammals sighted included the giant river otter (*Pteronura brasiliensis* Gmelin, 1788), seen repeatedly in large gregarious groups, swimming up to the boat and making their characteristic barking sounds. The slideways the otters use to crawl out of the water were visible on nearly every sandbank. A large peccary herd of 150+ individuals was encountered, from which the Amerindians killed one for the smoking rack. Fresh tapir trails, worn deep from frequent use, dotted the riverbanks. Capybara (*watras*) herds frequently splashed crazily into the river when seeing the boat. Monkey density appeared higher than elsewhere in Guyana and included red howlers, spider monkeys, saki-winkies, and a woolly gray species with a brown face. Fresh jaguar tracks were observed on several occasions, and a three-toed sloth was seen swimming across the river. Other notable fauna included hyacinth macaw, harpy eagle, black hawks, black turkeys, king vultures, toucans, kingfishers (including the Amazon), swifts, innumerable hummingbirds, bitterns, nightjars, spectacled caimans, iguanas, and monstrous black perai (piranhas) ready to gobble any edible flesh that entered the water.

Kuyuwini Mouth

Upon reaching the Kuyuwini's mouth on the upper Essequibo, a few days were spent collecting locally. A new settlement of Amerindians was found there. Approximately six families had begun farming and house building. Far from the population pressures of Aishalton, the predominantly Wapisiana Amerindians have cleaved a community from this virgin country, which is rich in game and fish. The abundant, large-sized crops from the Amerindians' farms testified to the fertility of the bottomlands of the Essequibo: bitter and sweet cassava, black potato, bell yams, eddoes, plantain, several banana varieties, several varieties of sugar cane and hot peppers, cotton, pineapple, papaya, etc. The huge smoking rack was full of labba, bush cow (tapir), haimara, basha, and other fish. We ate and drank with these extremely hospitable people for several days and laid up provisions for our lengthy return trip. These Amerindians are over 150 km from the nearest human habitation and need only to follow their diligent daily tasks to reap a paradisiacal existence from this wilderness.

The riverine vegetation of the Essequibo River was similar to that of the lower Kuyuwini River. Collections were made from an interesting sclerophyllous dwarf forest on gray sand, rich in Humiriaceae, Clusiaceae, and Hymenophyllaceae and similar in physiognomy to scrubs found in the lower Berbice area. A pyrogenic origin was suspected for this anomalous community.

We departed from the month of the Kuyuwini River on 4 October and, following the same route, reached Aishalton on 10 October. After a few days of local savanna collecting, Henkel and Williams departed for Georgetown on a Romanex Company plane on 15 October.

A total of 697 predominantly angiosperm, but including lichen, bryophyte, and fungal, taxa were collected over the entire expedition.

TRIP 8: MOUNT WOKOMUNG II

COLLECTIONS 4071–4523. 1–26 NOVEMBER 1993 MAP 4

Botanical exploration of the Pakaraima Mountains of Guyana was continued in 1993 with a second expedition to Mount Wokomung. Situated along the upper Ireng River watershed in the central Pakaraimas, Mount Wokomung forms the northeasterly extension of the Wokomung- Kopinang Massif, a highly eroded remnant tepui. Wokomung was the site of an earlier BDG expedition during which an original route was established up the mountain's unexplored western flank via the Yuarka River drainage (Henkel, Ryan, and Chin, 1993). Several areas with species-rich cloud forest or tepui-type scrub communities were discovered on Wokomung's upper slopes and summit. Although extensive plant collections were made on the first trip, considerable terrain above 1,500 m remained to be explored. This report describes an expedition to the plateaus and pinnacles that extend along Wokomung's northeastern extremity.

In late October 1993, rations and gear were assembled to support nine people for one month in the field. Permits were obtained through the University of Guyana, Ministry of Home Affairs, and Office of Amerindian Affairs. The team included Terry Henkel, field botanist; Romeo Williams (Figure 14), Guyanese assistant; and Steve Fratello, accompanying naturalist.

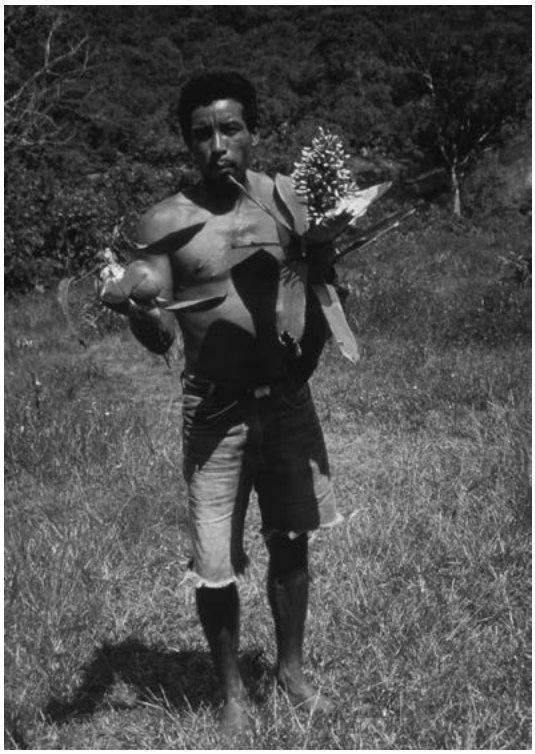


FIGURE 14. Romeo Williams with *Aechmea melinonii* (Bromeliaceae) and *Passiflora* sp. Photo by Terry Henkel.

FIGURE 15. Valentino Joseph, transport by canoe. Photo by Terry Henkel.

Air charter to Orinduik departed 1 November 1993 aboard a twin-engine Islander piloted by Captain Malcolm Chan-A-Sue. Air return was via the same route on 26 November 1993.

All Georgetown logistics were facilitated by the ever-diligent Mohamed "Harold" Ameer.

Orinduik–Cipo

Upon arrival at Orinduik on 1 November, Henkel and Fratello walked north along the Ireng River through upland savanna, leaving Williams behind to watch the gear. Following arrival at the ranch house of Bobby Fernandes (i.e., Cipo settlement), boats were recruited to retrieve Williams and supplies under the direction of Patamona guide Leonard Williams. Gear was organized at Cipo in anticipation of the expedition's departure for Wokomung.

Cipo–Yuarka

At Cipo, two large dugout canoes and four Patamona men (Figure 15) were found for transport up the Ireng River. On 4 November the heavily loaded canoes departed by paddling.

The Ireng River in the Cipo area was surrounded by savanna-clad slopes rising to 1,000 m, with a floodplain of variable width adjacent the river (greater than 100 m). The savanna occasionally descended to the river's edge, which was otherwise bordered by a thin gallery forest. Several kilometers north of Cipo, before reaching Waipa Village, the savanna gave way to continuous forest, which continued unbroken to the north. The riverine forest was dominated by *Mora excelsa* until a point on the river approximately adjacent to the village of Sand Hill, where the *Mora excelsa* dropped out. The forest shifted toward a *Dicymbe/Mora gonggrijpii* (Kleinhoonte) Sandwith type in the vicinity of the Yuarka River mouth.

Increasingly frequent rapids and steep, densely forested mountain slopes characterized the Ireng from Sand Hill to the Yuarka mouth. Increasingly, outcrops of thin-slabbed, slate-like sedimentary rock appeared on the riverbank; this rock also dominated the riverine geology of the Yuarka. Throughout this stretch Amerindian farm clearings appeared periodically amid the tall primary forest.

Yuarka–Suruwabaru (BC1)

The Yuarka River drainage allowed access into the interior of the Wokomung-Kopinang Massif. The terrain from Yuarka mouth to the mountain ascent was described in detail in Trip 3 and consisted primarily of ridge and ravine *Dicymbe altsonii* Sandwith forest. Midway up the Yuarka the expedition party picked up additional guides at the house of Pedro Joseph and continued on foot to Suruwabaru Creek, where the first base camp (BC1) was

established, approximately 1 km downstream from BC1 of the first expedition. Collection efforts from BC1 were made downstream so as not to overlap with those made previously.

At BCl the Suruwabaru widened into a flat, rushing stream, not enclosed by large boulders as is the case upstream. The creek braided into numerous rocky side channels with alluvial islands in between. Levees were immediately adjacent the riverine flats. Large piles of logs and plant debris indicated that a major volume and force of water descended the mountains in the wet season.

The Suruwabaru forest was primarily of massive *Dicymbe altsonii* (clump wallaba or sand mora), morabukea, eurola, the mora-like swamp legume called *asheroa* in Patamona, and other hardwoods. On the slopes large *Eschweilera* were abundant, along with more *D. altsonii* and other large leguminous trees.

The riverside terraces and adjacent slopes were the site of intensive plant collecting. Notable taxa included several fruiting *Smilax* lianas, abundant epiphytic and hemiepiphytic aroids (*Anthurium*, *Philodendron*, *Monstera*), and numerous epiphytic orchids, including high-canopy taxa. In creekside depressions fertile Marantaceae (*Calathea* and *Ichnosiphon*) and melastome shrubs were abundant, along with thickets of terrestrial Cyclanthaceae (*Asplundia*). A shrubby Boraginaceae with ant domatia (*Cordia nodosa* Lam.) was in full bloom. Ferns were especially abundant and included terrestrial Adiantaceae, several Cyatheaceae, epipetric and epiphytic Hymenophyllaceae (*Hymenophyllum* and *Trichomanes*), tree-bole inhabiting Vittariaceae (*Anthrophyum*), and epiphytic Polypodiaceae from the canopy (*Grammitis* and *Niphidium*).

Macrofungi were abundant and included taxa not seen elsewhere in Guyana (Figure 16). They included several species of Boletaceae (*Boletus* and others) that occur preferentially beneath leguminous forest trees such as the *D. altsonii*. It is likely that these boletaceous fungi are ectomycorrhizal with the tree legumes, but further research is necessary to ascertain the relationship. Other fungi collected included numerous species of gilled mushrooms (Agaricales), coral fungi (Clavariaceae), and wood-rotting polypores (Polyporaceae).

FIGURE 16. Patamona cooking edible mushrooms known as kapiokwok (*Lentinula boryanum*). Photo by Terry Henkel.

Three days of collecting on the Suruwabaru yielded 189 plant and fungal taxa.

BC1 to Mo-toy-mabaru (BC2)

Leaving BC1, the expedition party ascended Wokomung's lower western flank following a line more N–NE than that used in the first expedition. This positioned the party closer to the Little Ayanganna plateau, NE of Wokomung's northern escarpment. The steep route ascended from 680 to 1,000 m, where the land leveled to form Wokomung's western subplateau.

Base camp 2 was placed about midway across the subplateau along Mo-toy-mabaru Creek. This creek was one of several that descended Wokomung's western flank. The intervening terrain of low ridges was the site of four days of intensive plant collecting. Amerindian guides meanwhile forged a route to the Little Ayanganna plateau.

The slope forest from BC1 to the subplateau continued to be robust, primarily of *Dicymbe* and *Eschweilera*. Steeper sections showed exposed sandstone, gray and crumbly, with loose soils. Tree falls were thus very frequent, and the resulting gaps afforded tremendous views of surrounding mountain ridges such as Morakabang/Kopinang and Kukuinang.

With the abrupt emergence onto the subplateau at 1,000 m, the slope-dominant *Dicymbe* and *Eschweilera* dropped out. Forest stature dropped immediately, with the appearance of some cloud forest characteristics. The canopy was reduced to 15–20 m with an increased density of small-stemmed trees, as well as a dramatic increase in bryophytic and vascular epiphytes. Diverse tree species included achepoko (*Pouteria*), baromalli (*Catostemma altsonii* Sandwith), parakusan (*Swartzia*), manniballi (*Moronobea*), matchwood (*Schefflera*), mountain balata (*Manilkara* cf. *bidentata*), and asheroa or *chu-lu-wah-yek*, a species of unrecognized taxonomic affinity that featured stilt-rooted buttresses and dominated large areas of the subplateau forest.

Melastomataceae and Arecaceae (including *Euterpe*) filled the understory, along with Rubiaceae and legume shrubs and abundant tree ferns. Lianas were moderately abundant and concentrated around the larger trees. Canopy and bole vascular epiphytes were very abundant, including *Anthurium*, climbing Cyclanthaceae, tank and *Tillandsia*-like bromeliads, orchids, etc. Lower tree boles were thickly clothed with moss and *Selaginella* mats, within which were rooted polypodiaceous ferns and various angiosperms. On rotting logs and other low areas Hymenophyllaceae, Dennstaedtiaceae, and Adiantaceae ferns were frequent. Near creeks the abundance of terrestrial

and epipetric ferns increased rather dramatically. Macrofungi were less abundant than in the Suruwabaru forest.

BC2 to Ka-mai-wah Pinnacle (BC3)

Continuing NE across the subplateau for 1–2 km from BC2, the route made an abrupt turn to the S–SE, following a narrow ridge through dry forest up to the summit ridge. From this summit ridge (at 1,400 m), which connected the various northern peaks of the Wokomung chain, a route to the top of the Little Ayanganna plateau was to be forged. Base camp 3 was established near the base of Ka-mai-wah Pinnacle, a dramatic tower of jumbled, craggy sandstone situated approximately 400 m to the northeast of Wokomung's northern escarpment.

The vegetation around BC3 could be termed "middle-elevation cloud forest." This observation was based on the presence of a low forest canopy (10–20 m), high epiphyte density, mist-laden air, the presence of indicator taxa such as Ericaceae lianas, and altitude-related amphibians and birds. Tree species present appeared different than those found at BC2, consisting mostly of unrecognized taxa. A guttiferous tree with copious yellow latex (cf. *Moronobea*) was locally abundant in scattered areas.

Large trees supported dense epiphyte communities. Canopy branches and upper boles supported abundant bromeliads and aroids, although the *Anthurium* abundant at BC2 was absent here. Woody epiphytes consisted of heavy rope-forming hemiepiphytes (*Clusia*) and a great liana diversity of Ericaceae (*Cavendishia* and others), with their gorgeous variations on red and pink tubular flowers. Trees were uniformly covered with thick moss mats, perpetually wet from the saturating mists present throughout the day. Rooted in these moss mats was a brilliant magenta-flowered *Utricularia* species found previously on the summits of both Ayanganna and Wokomung (Trips 1 and 3). Frequent tree falls on the unstable rocky slopes allowed access to canopy epiphytes. The mid- and understories included frequent melastomes and Rubiaceae. Palms were very abundant and included three species in bloom. In mesic "grottoes," created by huge boulders spawned from the cliffs above, ground-level palms and large tree ferns formed exceedingly picturesque plant communities, the dripping rock faces covered by epipetric mosses, filmy ferns, and succulent melastomes and Piperaceae (*Peperomia*).

Ferns were again very abundant and diverse. These included a diversity of taxa in Polypodiaceae: canopy climbing *Polypodium*; pendant epiphytes in tree bole moss mats of *Grammitis* and *Glyphotaenium*; terrestrial and epipetric Adiantaceae; and many species of *Cyathea* of various heights and trunk and frond morphologies. One gigantic tree fern encountered was nearly 10 m in height!

Summit Pinnacle

A final ascent was made of an unnamed pinnacle adjacent to the Little Ayanganna plateau. Ascent of Little Ayanganna was prevented by the presence of a deep chasm on the minitepui's southwestern flank. A future ascent of Little Ayanganna will require an approach from the less precipitous northwestern side. The ascended pinnacle rose to nearly 1,600 m and featured a Guiana Highlands scrub-type vegetation similar to that found on Wokomung's northern escarpment (Trip 3). Notable taxa included tank bromeliads (*Brocchinia*); thickets of a large (4–6 m tall) herbaceous bamboo; shrubs of Melastomataceae, Rubiaceae, and Myrtaceae; several *Clusia*; a *Norantea* liana with brilliant red nectaries; a red-stemmed terrestrial Cyclanthaceae; terrestrial *Trichomanes*; *Sphagnum* mats, other mosses, and *Selaginella*; and terrestrial orchids.

View from the Summit

The final day on the summit was clear and afforded tremendous views of the surrounding Pakaraimas. To the east was the broad plateau of the Kopinang River, which rose up to the perfectly tabular plateau of Kowa Tipu. To the south was the looming north face of Wokomung, backed by the broad sweep of the Kopinang-Morakabang plateau. To the west, Wokomung's flank descended rapidly to the Yuarka River valley. Slopes then rose swiftly to the twin peaks of Kukuinang Mountain. Westward into Brazil, on the far horizon, the square outline of Wei Tepui stood sentinel to the foot of Roraima, whose summit, as usual, was obscured by clouds. The verdant forest, blanketing all, combined with the sparkling clear air in quiet testimony to this unspoiled wilderness.

The expedition party descended via the ascent route, down the Ireng River to Cipo settlement. Henkel and Williams departed for Georgetown from Orinduik on 26 November.

A total of 452 plant and fungal taxa were collected during the expedition.

TRIP 9: ESSEQUIBO HEADWATERS AND ACARAI MOUNTAINS

COLLECTIONS 4550–5415. 14 FEBRUARY TO 12 APRIL 1994 MAP 6

In continuing the BDG program's botanical exploration of Guyana's far south an expedition was conducted to the remote headwaters of the Essequibo River and adjacent Acarai Mountains. This region is interesting botanically because so little is known about its flora. Natural history and ethnographical observations were made in the Acarai region during several early expeditions: Robert Schomburgk (1837 and 1844), Charles Barrington Brown (1872), the Farabee Amazon Expedition (1913–1916), the Boundary Commission (1933–1936), and the Terry-Holden Expedition (1938). Regional plant collections were made by A. C. Smith (1939; mostly riverine) and N. L Guppy (in 1952). Although Guppy's efforts were substantial, involving ecological plot studies as well as general collecting (500 numbers in three months), he failed to reach the higher elevations in

FIGURE 17. Manawanaro, Wai Wai Village, upper Essequibo. Photo by Terry Henkel.

FIGURE 18. Marifa (Wai Wai) working on curare arrows. Photo by Terry Henkel.

the Acarai, collecting little above 500 m (Guppy, 1953). Barring possible collections by Rufus Boyan with the Boundary Commission, little or no collecting has been done in the high ridges of the Acarai.

The Acarai Mountains form one of Guyana's few substantial granitic mountain ranges outside the Kanuku Mountains. Rising to 1,000+ m, the range could be expected to have diversity in floral habitat. The continental divide (and international border), formed by the crest of the Acarai to the east and west of the Essequibo headwaters, bears the vegetative continuum joining the Guyanese and Brazilian forests and may be expected to show floral affinities with both the Essequibo and the Amazon. In addition, the region is home to the Guyana faction of the Wai Wai Amerindians (Figure 17), the country's most remote and traditional indigenous group (Figure 18).

Logistics were complicated because of the region's remoteness and the long duration of the trip (two months). Air charters to Gunn's Strip were very expensive and had low allowable payloads (extra fuel had to be carried); thus, two Islander charter planes were required going in and going out to adequately carry the expedition. These extraordinary transport costs increased the expedition cost by about US$5,000.

Rations were purchased to accommodate up to eight persons for a full two months. More hardware was purchased than usual in order to pay Wai Wai laborers since money benefitted them little. Also, various goods were purchased as gifts for the Wai Wai. Collecting supplies were taken to process 1,000–1,200 numbers. A 15 hp Evinrude outboard motor and 50 gallons of fuel were taken. Judicious engine use is valuable on trips involving extensive river travel because the expedition team saves energy and time for plant collecting, not long paddling days.

For security reasons, before the party entered the border area in southern Guyana, meetings were necessary with Brig. Joe Singh, commander of the GDF. These were held between Henkel and Singh one week before expedition departure.

The first plane (Captain Malcolm Chan-A-Sue) departed Georgetown on 14 February 1994 with Williams; en route, two employees (Regis James and Roy Martin) were picked up in Aishalton, south Rupununi. Henkel and Mimi Chin came with the second plane (Captain Henry Ribero) to Gunn's Strip on 17 February.

Once again, all logistics in Georgetown were facilitated by Mohamed "Harold" Ameer.

Gunn's–Konashen

The first task, after initial dealings with the Wai Wai, was to ascend the Essequibo River (Figure 19). Two large dugout canoes, each equipped with a 15 hp engine (including one from the village), were fully loaded with rations and gear to support up to six weeks' exploration in the Acarai. From Gunn's Village, where the

FIGURE 19. Wai Wai Village from the air, Essequibo River headwaters. Photo by Terry Henkel.

Wai Wai currently live, the expedition party departed up the Essequibo to the abandoned village of Konashen, 20 km to the south.

The Essequibo River over this stretch was a single channel with occasional strong meanders. Boulders, composed of Guiana Shield basement granite, were frequently exposed midriver. The forest was mixed riverine hardwoods on high, well-drained bank soils, with an infrequent palm component and abundant in fruiting *Eschweilera* (Lecythidaceae). Occasional low hills rose behind the river banks in the otherwise flat topography.

Konashen was the site of a long-term habitation by the Guyana Wai Wai, abandoned 12 years before as the Amerindians moved to Gunn's for better access to the airstrip. The old village was covered with thick secondary growth, 5–10 m in height; the farms contained many fruit trees—orange, lemon, lime, banana, and coconut—still bearing fruit. These were summarily raided, as was the Amerindians' custom, to augment the expedition's food stocks. The airstrip at Konashen was still relatively clear, with only grasses and the rudest of weeds attempting to grow on the thick laterite surface.

Konashen–Watuwau

South of Konashen the riverine terrain became more lowlying and swampy. The Essequibo channel widened and formed frequent ponds at points of meander, much like the Kuyuwini River. This similarity was reinforced by the appearance of two signature species of the Kuyuwini swamp forest, the robust te kush caesalpinioid legume and the large *Astrocaryum* cf. *juauri* Mart., a spinose palm. As on the Kuyuwini, birdlife was abundant in the riverine swamps, especially cranes, Muscovy ducks, anhingas, and swifts. In areas with alluvial banks, kingfishers of several species were numerous (including the large Amazon kingfisher).

Having passed first the Onoro River on the east and the Kamoa River on the west, the party approached the juncture of the Essequibo and Sipu Rivers. The Sipu, which came in from the west, was the first of three headwater rivers that come together to form the Essequibo proper (more later). Passing the Sipu, the party continued for 8–10 km along the Essequibo, until the great river formally ended (by name) by splitting into the Chodikar and Watuwau Rivers.

The Essequibo up to this point had become narrow (20 m) with many *tacoubas* (an Amerindian term for a tree that has fallen across a river, forming a bridge or obstruction) and fast-flowing, silt-rich water. Tall forest often overhung the river, but long stretches of early successional forest occurred on low alluvial flats. The area was kept in early successional stages because of frequent scouring by high water. *Eperua* were extremely common shore trees, with pendant, explosive fruits. Strands of manicole palm (*Euterpe*) replaced the *Astrocaryum* palms more common down river. Rocky midriver islands were covered with Myrtaceae shrubs, which invariably contained the pendant nests of gregarious icterid birds. Capybara (watras) were frequently aroused at riverside.

Watuwau Camp

The Watuwau River is an Essequibo headstream that flows east–west, draining a large portion of the north side of the eastern Acarai Mountains, which lie parallel to the Watuwau between 2 and 4 km to the south. From the Watuwau, explorations south to the crest of the Acarai range could be made. The first base camp was established on the Watuwau 15 km upstream from its juncture with the Chodikar River.

Six days were spent collecting along the Watuwau. The Watuwau forest was riverine swamp, with low upper canopy (20–25 m) and generally lacking large trees. An unidentified legume tree occasionally reached large proportions on stable riverbanks; the more frequent unstable banks were usually covered with secondary vegetation. Common woody taxa included two *Eperua* in fruit, *Virola*, several legume trees, *Euterpe* palms, *Duroia eriopila* L. f., *Eschweilera*, *Vismia*, and *Pachira* sp. Lianas were dense in the reduced-stature forest and included *Strychnos* and several Sapindaceae.

Epiphytic aroids were numerous and flowering and included *Monstera*, *Anthurium*, and *Rhodospatha*. Epiphytic orchids were extremely abundant in flower or fruit and included *Pleurothallis*, *Brassia lanceana* Lindl., *Maxillaria*, *Sobralia*, and *Vanilla*

Flowering Zingiberaceae were common and included three *Costus* and one *Renealmia* sp. Other fertile taxa included Myrtaceae and Melastomataceae shrubs, *Marcgravia* lianas, and several epiphytic *Peperomia*. Collecting was extremely good along the Watuwau and yielded 233 numbers in five days.

Watuwau–Kashinar Camp

South of the Watuwau, between the immediate riverine environs and onset of the mountains, the forest alternated between swampy bottoms and low uplands. The uplands were noticeably

drier than the swamps, with larger trees and different species composition, more open understory, fewer lianas, and perhaps fewer epiphytes. Of note was the giant emergent tree itiker (Wapisiana) or *ichi-kele* (Wai Wai; cf. *Pithecellobium*) noted by Guppy (1953) and first observed by the author in the rolling hill forests of the Kuyuwini River. Here the itiker formed the characteristic multiple-aged clumps observed on the Kuyuwini, with the occasional elder tree reaching 2+ m in diameter and 60+ m in height, often in association with a large species of *Couratari* (Lecythidaceae). Macaws were very abundant in the canopy of these large trees, feeding on the fruits of *Clusia* hemiepiphytes that draped the heavy, spreading branches. Soils tended to be tan clays, with little organic matter buildup. The understory was predominantly of spinose palms, along with fertile Annonaceae (*Duguetia*, *Unonopsis*, *Fusaea*, etc.).

The swampy creek bottoms between the hills were inundated and featured a smaller-stature forest with different species composition. Soils were sticky, gray reduced clays. Thick patches of *Heliconia*, *Calathea*, *Ichnosiphon*, and, surprisingly, Rapateaceae (*Stegolepis* and *Rapatea*) covered the wet soils. Epiphytic bromeliads and orchids were abundant. Other notable flora included overstory palms; Euphorbiaceae trees; Rubiaceae shrubs, including *Duroia*; an epiphytic cactus (*Epiphyllum*); a white saprophytic *Voyria*; and ferns in the Adiantaceae, Dennstaedtiaceae, and Hymenophyllaceae (i.e., terrestrial *Trichomanes*).

Having proceeded S–SW for several kilometers through the hilly terrain (elevation 300–500 m), the party encountered the first mountain. Called Kashinar in Wapisiana ("young girl"), the north-facing slope was littered by granite boulders and rose abruptly in a grade much steeper than the proceeding foothills. A half hour of steep climbing on unstable clay soils gained 600 m in elevation. As the adjacent creek draw became deeper and deeper, we had occasional glimpses far to the north through the tree canopy. The top (1,000 m elevation) was cool and breezy, with a mixed forest reduced in stature from but floristically similar to that of the lowlands.

The party descended Kashinar's steep, boulder-littered south face. James climbed a tree midway down the slope and observed the next, more massive ridgeline to the south, which included the tallest mountain, known to the Amerindian guides as Tinarnau ("old man" in Wapisiana), which the party intended to ascend. Several cloud-engulfed peaks composed the looming ridgeline. The slope forest on Kashinar was large in stature with apparent high tree species diversity; this type of forest continued down the slope and over the rolling hills south for the 1–2 km to the next camp.

Kashinar Camp was established in one of the many creek bottoms that separated the low hills that lie between the bigger mountains. As such the camp was wet and excessively shaded by low trees choked with lianas, so that the camp quickly degenerated into a muddy "peccary sty." Collections were made over three days from this camp in the lowlands and on the slopes of Kashinar.

The forest around Kashinar featured a high canopy and high tree diversity, with many emergents exceeding the 40–50 m average canopy height. Fabaceae and Lecythidaceae were abundant, as were Lauraceae and smaller Annonaceae. The house-sized boulders on Kashinar's slopes were covered with epipetric plants, including several aroids (*Chlorospatha*, *Anthurium*, and *Delphinium*), a trailing red-flowered Gesneriaceae, an orange-bracted *Heliconia*, Adiantaceae and other ferns, thin melastome shrubs, and orchids. The wet creek bottoms yielded a plethora of heliconias, Marantaceae, Rapateaceae (i.e., *Rapatea*), and Rubiaceae and Piperaceae shrubs.

Tree bole lichens were especially verdant in this forest. Saplings as well as large trees were covered with a diversity of crustose and foliose lichens, many of which exhibited reproductive structures (i.e., perithecia). Hours were spent meticulously picking lichen specimens.

The upper tree canopy was noticeably poor in fertile species, yet extremely laborious climbing efforts by Williams and James yielded a small but significant number of high-canopy lianas and trees in flower or fruit.

Kashinar–Tinarnau

From the Kashinar camp the route continued S–SE over ridge and ravine terrain for 4–5 km. The next collecting camp was established at the base of Tinarnau Peak. Tinarnau was one of the peaks of the Acarai's main ridgeline, which at 1,000+ m elevation formed a watershed divide between the Essequibo headstreams (flowing north) and those of the Mapuera River, which flowed south into the Amazonian system of Brazil. From the Tinarnau camp it was possible to ascend to the summit, straddle the unmarked and somewhat irrelevant international border, and urinate into the watershed of choice. The ascent was an arduous two-hour nontechnical climb from an elevation of 500 to 1,000 m.

The entire NW flank of Tinarnau Peak was covered with robust forest, with only slight decreases in stature with increasing pitch and elevation. Cliff-like exposures of rock were infrequent, limited to the occasional rogue boulder. Trees included kerite and saury-skin silverballi (*Ocotea*), foo-ti (*Jacaranda*), kakaralli (*Eschweilera*), baromalli (*Catostemma*), kabukalli (*Goupia*), yarola (*Aspidosperma*), balata (*Manilkara bidentata*), itiker (*Pithecellobium*), mapurakon (*Inga*), wallaba (*Eperua*), asepoko (*Pouteria*), *Ficus*, *Clusia* stranglers, *Virola*, a very large *Cecropia* in gaps, and watake (*Geissospermum*), the bitter bark of which was used as malaria treatment by the Wai Wai.

Tinarnau's summit was rather nondescript, other than a noticeable increase in cool breeze. The forest was slightly smaller than that of the slopes, yet species composition differed little. The itiker was present, as well as other co-occurring hardwoods in the overstory and understory. Common was the *Strychnos* cf. *toxifera* R. H. Schomb. ex Benth liana, which is the primary, most toxic component of Wai Wai arrow poison (*bala-uitu* in WaHilai or *orrar* in Wapisiana). Fertile plants were minimal, and only a few summit collections were made; these included a guttiferous tree (*Tovomita*) with copious yellow latex and several lichens. Dry and subjected to continual breezes, the summit exhibited no

features of cloud forest, such as enhanced bryophytic or vascular epiphytes, suggested to occur in the Acarai by A. C. Smith (1940) and found at similar elevations in the Pakaraima Mountains.

Further collections along Tinarnau Creek and adjacent slopes included an orange-bracted *Heliconia*, epipetric mosses and terrestrial ferns, melastome shrubs, Annonaceae, palms, etc. The tall trees continued to be mostly infertile, but heroic climbing efforts yielded a trickle of canopy specimens. Vascular epiphytes were relatively minimal. The relatively slow collecting yielded 143 taxa in six days around Tinarnau. Food shortages led the expedition to depart for the Sipu River on 10 March.

Watuwau–Sipu

Departing Watuwau Camp, the party paddled to the juncture of the Watuwau and Chodikar Rivers. The Chodikar, a tacouba-choked stream flowing northward through a valley separating the eastern and western ranges of the Acarai, joined the Watuwau to form the first channel of the Essequibo River proper. The Chodikar was explored extensively by Guppy in 1952; this expedition decided to forego the Chodikar in favor of the Sipu River, which, to the best available knowledge, had not been visited by any scientists since the Schomburgk expeditions of 1837 and 1844 (van Dam, 2002).

Down the Essequibo 8–10 km from the Watuwau mouth the party turned up the Sipu River. The Sipu flowed W–E and drained the north slope of the western half of the Acarai Range (similar to the Watuwau drainage with directions reversed). The Sipu averaged about 20 m in width over its lower stretches and ran very fast and clear, unlike the muddy, slow-moving Watuwau. Creeks flowing north from the Acarai to the Sipu were clear and tannic. The mountains lay parallel to the Sipu 3–4 km to the south. The Sipu base camp was established 10 km upstream from the mouth.

Vegetation along the lower Sipu was typically riverine in physiognomy yet floristically different than that of the similar-sized Watuwau. In lowland stretches were inundated forests of the te kush legume/*Astrocaryum* type common on the Kuyuwini River and places on the Essequibo. Where banks were higher a forest of *Eperua* with many Myrtaceae, Chrysobalanaceae, and Sapotaceae shrubs was prevalent. Woody taxa in the Annonaceae, Fabaceae, and Melastomataceae were also common. Absent were the patches of *Costus* and *Heliconia* common on the Watuwau. Many woody taxa were in fruit, dropping their seeds into the water and attracting a plethora of fish, agoutis, etc.

A brief exploration was made from the base camp to the Acarai Mountains. Wai Wai guides dead reckoned to the SW from camp (as suggested from topology maps) and encountered the mountains after walking for 2–3 km. The intervening forests were either of a swamp or slightly upland nature, with occasional high canopy and large trees but generally of a reduced stature. Soils were thick spongy mats of organic matter permeated by roots (pegasse) with very little exposed mineral soil. Wet depressions were filled with palms and heliconias but lacked the Rapateaceae found in similar sites on the Watuwau. Massive hemiepiphytic aroids were abundant. The whole of these lowlands was cut with winding creeks with igneous sand bottoms.

The mountains began with an abrupt rise approximately 3 km south of the Sipu. The mountain ascended steadily at a moderate pitch for its entire length (from 250 to 650 m). Absent were the steep pitches and exposed rock faces found on Kashinar or Tinarnau. The slope forest was of typical large stature, with very open understory. The mixed hardwoods were as diverse as near Tinarnau and included a substantial proportion of giant emergents, including the itiker.

Several ancient trees, still living, approached 2–3 m in diameter and were hollow, with gigantic cavities housing hundreds of bats. Mixed feeding flocks of antbirds, etc., were passed through on several occasions, as well as parrots and a group of noisy trumpeters (warracabras). All birds exhibited the same disinterest in humans as other wildlife in the primeval Acarai. Slopes were crisscrossed with well-worn peccary trails. Fertile plants were few; only a few lichens were collected.

From the summit of this unnamed mountain we had glimpses of virgin montane forests stretching out to the east, south, and west. In fact, the whole region seems to have no prior disturbance by human beings.

Upon return to the Sipu, a final day of collecting was carried out several kilometers upstream. The river continued to be wide and fast flowing, with many meanders, low banks, and long swampy areas. A few plant taxa common with the Watuwau appeared, such as bloodwood (*Vismia*) and mara-mara (*Duroia eriopila*). Collecting was good along the Sipu, and in four days 137 numbers were obtained.

Fittingly, the final day along the pristine Sipu was punctuated by a long, noisy interchange with six giant river otters (*Pteronura brasiliensis*), who inspected the camp for fish remains, and a stout bull tapir seen swimming the strong current and lazily pulling himself ashore to walk nonchalantly into the forest.

The party returned to Gunn's Village on 16 March. Five days were spent with the Wai Wai trading and preparing for the next phase of the expedition to the Kassikaityu River.

Summary: Interior Acarai

The interior Acarai Mountains exhibited climax tropical moist forest of the most diverse nature. Mature trees were exceptionally large, both in girth and height. This was observed even on steep slopes, with only slight reductions in tree size up to 1,000+ m elevation. Several canopy-emergent species occurred frequently, towering to 60+ m, well above the general canopy of 40–50 m. The canopy was usually unbroken; tops of the emergent trees could be viewed only through occasional gaps. The understory was rather continuous (unstratified) down to the ground level, which was quite open, with scattered shrubs and palms. Lianas were abundant and locally dense, achieving large girths (>0.3 m diameter). Ferns composed the major herb layer, along with Lycopodiaceae. Lichens were abundant and diverse on tree boles and canopy branches; other epiphytes were infrequent.

Tree species diversity was high. On occasion, after a full day of collecting in the forest, we would realize that the same tree species had appeared only a couple of times. Tree fall gaps were frequent, although not exceptionally so given the steep terrain.

Soils were uniformly clay with a light red color in the uplands and gray in the creek bottoms. At the interface with the leaf litter layer the clays formed a well-textured loam. The clays were derived from the ancient Guiana Shield granites (3+ billion years old) frequently exposed on the mountain slopes as various-sized boulders. The primeval boulders were black because of algae and lichens and superficially soft because of chemical weathering (i.e., crumbled under machete). Internally, the rock retained its hardness. The boulders, especially on the south face of Kashinar Mountain, achieved house-sized proportions and supported large epipetric plant communities.

Weather was varied in the Acarai in late February to early March. Six continual days of moderate rain with considerable thunder and lightning at the Kashinar camp was followed by five sunny days at Tinarnau. According to the Amerindians, March is supposed to be a dry time for the region, but orographic precipitation may be common in the mountains.

Wildlife deserves special mention. Birds were abundant and included macaws, tinamous, parrots, curassows, etc. Tapirs were sighted on five occasions. Jaguars were exceptionally numerous—sighted once and heard twice in camp, with fresh tracks around the camp in morning on several occasions. Also notable was a species of frog, black with brilliant blue irregular stripes (*Dendrobates*), commonly observed on the forested slopes. Animals in general seemed unafraid of humans, a sure indicator of the unvisited nature of these primeval mountain forests.

Views of the large ridges of the Acarai were limited because of the unbroken, heavy tree cover. Densely forested slopes of the great Tinarnau Peak were occasionally glimpsed through the canopy of adjacent ridges. From the summit of Tinarnau, a view was afforded of a great cliff to the southeast, likely in Brazil. The cliff formed the northern edge of a scrub-covered plateau, plunging several hundred meters to the forested valley below. This impressive escarpment was the largest expanse of sheer rock seen. Topographic maps indicated that other such plateaus and cliffs exist in the Acarai, requiring more extensive exploration.

The undisturbed forests of the Acarai appeared biologically diverse and deserve more extensive plant collecting, especially in the high canopy. This tentative exploration suggested that upper montane habitats, such as cloud forest, with attendant moisture-loving species, do not exist even at the highest elevations (1,000+ m) in the Acarai. Rock scrub habitats may exist, with possibly endemic plant species, and should be searched for on further expeditions.

Anthropogenic Disturbance: Acarai

Prior anthropogenic disturbance has likely been entirely absent from the Acarai. However, recent incursions by Brazilian wildcat gold miners (*garimpeiros*) from the south threaten the mountain streams with mercury pollution. Recent garimpeiro camps were observed along the Tinarnau Creek, and elemental mercury globules were seen in the creek sediments. The Wai Wai also reported that the Brazilians were indiscriminately shooting large animals such as jaguar. In addition, garimpeiro presence threatens the Wai Wai lifestyle through coercion and luring the Amerindians into gold seeking. The garimpeiros are staging operations by plane from Boa Vista, Brazil, landing just south of the border, and carrying materials and crews into Guyana by foot, where they are mining both in the Acarai and New River headwaters. Recent GDF efforts (1993) to evict the garimpeiros should be stepped up because the initial sweep has not deterred them.

Gunn's–Kassikaityu

On 21 March a reduced party of six departed Gunn's in one large dugout. Three hours of slow river travel (35 km) past several gentle rapids and Wai Wai farms brought the party to the mouth of the Kassikaityu River, which was navigated upstream for 10 km before a base camp was established.

The Kassikaityu River was referred to as the "river of the dead" by the Amerindians during Guppy's expedition (Guppy, 1953), possibly in reference to a surveyor killed by a giant anaconda along the river years ago. The Wai Wai now call the river Toi-Toi-Yoko, which means roughly "people's river," in an apparent verbal effort to reclaim the river from the numerous anacondas found on its banks. A night is not passed on the Kassikaityu without interminable Wai Wai stories about the abundance, size, and deadliness of the river's camoodies—9 m long and as big around as a 5 gallon bucket, wrapping, crushing, and swallowing a large man, etc. As with other snakes (e.g., bushmaster), the anacondas were reputed to make a "sound" when nearby, and of course, the Amerindians claimed to have heard the sound on several occasions near our camp landing—cause for caution during streamside bathing!

The Kassikaityu is a major tributary of the Essequibo, running W–E for over 100 km from its sources in the Wassari Mountains. Mountains up to 1,000 m elevation (Kamoa and Yaore) can be found south of the river at several locations, but in general the river meanders its long course through level lowlands averaging about 250 m elevation. Over its lower course the river was characterized by high banks capped by towering forest, although in many sharp meander areas the forest was low and secondary because of the disturbance effect of floodwaters. That the Kassikaityu carried tremendous amounts of water certain times of the year was evidenced by the high banks (3–5 m) and much taller adjacent levees, up to 10–15 m above the river.

The river channel itself was peppered by frequent boulder piles. The rocks created rapids of varying intensity and provided islands for establishment of Myrtaceae trees and shrubs, which invariably housed the pendant nests of a species of small gregarious yellow-winged icterid bird, called *mockingbird* in Creole, smaller than the regular yellow-rumped cacique and with

smaller nests than the caciques' high tree homes. The icterids had raucous, highly varied territorial vocalizations, hence the mockingbird appellation. Occasionally, they were accompanied by a red-winged icterid, called *sabaku* in Arawak. The rocks and islands, in various irregular forms, combined with the high banks and towering forest to form an exceedingly picturesque river, both in natural architecture and primeval resonance.

Because of crew illness, collections were made for only a few days on the Kassikaityu. Most taxa collected were riverine trees and shrubs, with variation in species composition from those collected on the Watuwau, Sipu, and Essequibo. Pioneering herbs and subshrubs (melastomes, Lamiaceae, Asteraceae, etc.) were in great abundance and colonized the large expanses of exposed riverbank—"weeds" in a natural (i.e., nonanthropogenic) setting! An excursion to a low mountain (<500 m) south of the river yielded few fertile taxa. Although a bit poor in fertile plants, the Kassikaityu was extremely rich in fish—the Amerindians caught haimara, tiger fish and another large catfish, basha, kartaback, and huge black perai.

As respiratory ailments struck several members of the party, an early departure was made to Gunn's for medical attention. Henkel returned with Chin to Georgetown on 27 March to receive further treatment for pneumonia. Williams remained with the Wapisiana men to collect on the upper Essequibo River and adjacent mountains; Henkel returned 12 April to retrieve Williams and plant specimens and to return the Wapisiana men to Aishalton.

A total of 867 numbers were collected during the expedition.

TRIP 10: ACHIKNAK-MALAKWALAI MASSIF, UPPER IRENG RIVER

COLLECTIONS 5416–5879. 1 JULY TO 7 AUGUST 1994 MAP 7

The south central Pakaraima Mountains of Guyana are of great botanical interest because of their numerous sandstone plateaus and pinnacles with attendant Guiana Highlands–type flora (John J. Wurdack, Smithsonian Institution, personal communication; Trip 1). The upper Ireng River, a south-flowing Amazonian tributary, drains a large portion of these mountains, including the floristically rich Wokomung-Kopinang Massif and adjacent peaks in Brazil (Trip 3). In continuing exploration of this region, a botanical expedition was mounted in July 1994 to the Achiknak-Malakwalai Massif, a highly eroded tepui complex west of the Ireng along the Kaatnang River tributary.

In late June 1994, rations and gear were purchased and assembled to support an expedition party of six to eight persons (two botanists and Amerindian helpers) for a minimum of five weeks. As the rainy season was still on, extra care was taken to waterproof food containers, collecting paper, field guides, etc. Equipment was taken to field dry fungal specimens (Kero stove, small brown bags). Permits were obtained in the usual manner from the University of Guyana, Ministry of Home Affairs, and the Amerindian Regional Office.

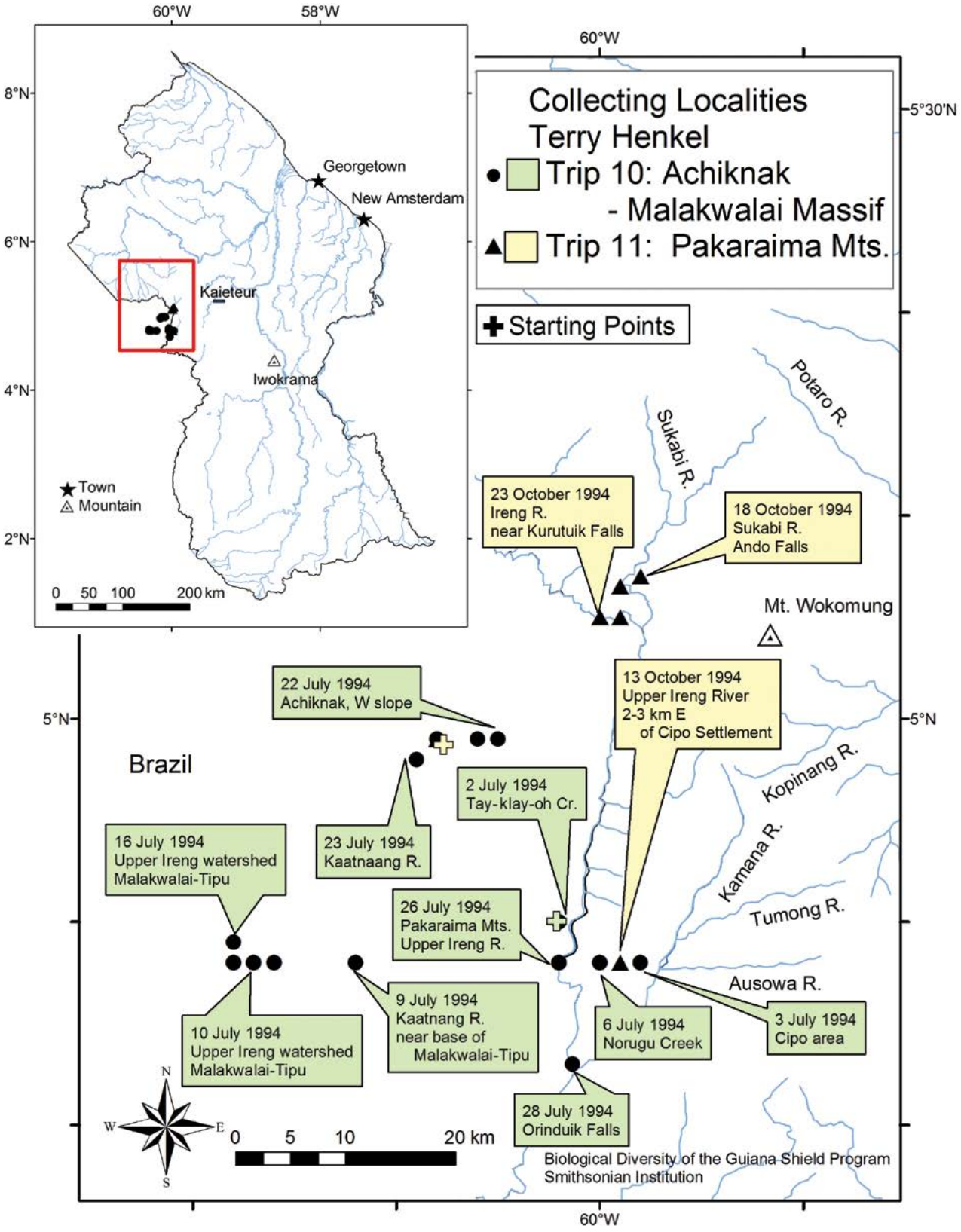
The Achiknak-Malakwalai Massif is located west of the Ireng River adjacent to the Cipo settlement of Georgetown native Bobby Fernandes (Trip 3). The massif is composed of a series of plateaus and pinnacles, collectively U shaped, aligned roughly N–S, surrounding a central valley that is closed to the north and open to the south. The system covers at least 30 km^2. The mountain ridgeline is capped in the east by Achiknak Tipu (1,450 m) and in the west by Malakwalai Tipu (1,400 m); intervening peaks such as Wei-dit Tipu reach 1,100–1,200 m. These peaks bear the headstreams of the Kaatnang River (Figure 20), which flows S–SE through the central valley to join the Ireng south of Orinduik Falls.

The central valley is a broad, undulating plain bisected by the meandering Kaatnang. The mountains rise up from the valley in successive tiers to the uppermost escarpments, forming the subtending "stairsteps" that characterize many tepuis. The escarpments are best developed along the eastern face of Malakwalai, with extensive areas of summit plateau at 1,400 m. Downslope from the summits, heavy stream erosion through various geological strata has yielded a complex topography of high relief. In total, the U-shaped massif with its central valley likely represents the greatly eroded remnants of a formerly massive, more contiguous tepui.

Vegetation over the valley and much of the slopes is of the upland savanna type, interspersed with broad swaths of forest descending from the higher elevations, particularly on the eastern side of the massif. The area is completely uninhabited and visited only infrequently by Patamona Amerindian hunters.

Extensive plant collections were made from the south face of Achiknak Tipu on an earlier expedition (Trip 3). For this expedition we planned to ascend and collect along the eastern front and summit of Malakwalai Tipu, to ascertain the extent of tepui-type summit vegetation, and to collect near the headwaters of the Kaatnang River along the western slope of Achiknak Tipu.

FIGURE 20. Kaatnang River, tributary of Ireng River, Brazil. Photo by Terry Henkel.



MAP 7. Collecting localities, Trips 10 and 11.

Cipo-Kaatnang River

An expedition party of eight departed Cipo settlement across the Ireng River, heading due west on established trails (two botanists and six Amerindian porters under the direction of Leonard Williams). The route wound several kilometers through low, savanna-covered hills past the south foot of Achiknak Tipu and then entered the eastern side of the Kaatnang valley. A few more kilometers brought the party to the Kaatnang River, which was laboriously crossed at a point adjacent to the northern face of Malakwalai Tipu. At this spot the first base camp was established.

Base Camp 1 (BC1)

Base camp 1 was situated at 700 m elevation in a narrow gallery forest otherwise surrounded by savanna riverine lowlands. Heavy rains over the previous three months had transformed the normally dry vegetation to lush meadows and forests. Especially rich were the mesic herb meadows fringing the gallery forests. Two collecting days were devoted to these meadows and yielded a wealth of herbaceous legumes, Lamiaceae (including numerous *Hyptis*), terrestrial orchids, *Hibiscus*, composites, sedges, grasses, and giant Agavaceae with inflorescence stalks rising to 8 m. Notable woody plants included several Myrtaceae, a riverside Bonnetiaceae (*Archytaea*), several Rubiaceae, and a brilliant blue-flowered *Salvia*.

Kaatnang–Malakwalai (BC2)

Heading S–SW from BC1, the route climbed grass-covered foothills with scattered sclerophyllous trees. At the foot of Malakwalai's expansive east face, the route turned west across a series of sharply dissected creek valleys, heading SW toward the mountain's looming summit escarpments. These escarpments were a series of discontinuous vertical cliffs (80–150 m) of naked sandstone. The cliffs were separated by swaths of forest that descended several hundred meters across the mountain's savanna-clad slopes. The party followed an open subplateau until near the northern cliff base, where it entered one of the forest swaths. Base camp 2 was established inside this forest at 1,100 m elevation.

Malakwalai Tipu

Soils and parent rock were highly varied over Malakwalai's eastern face. In some sections there were sandy soils with frequent exposed sedimentary boulders. Certain hogback ridges featured red lateritic clay with exposures of ironstone rock, possibly remnants of igneous intrusions differentially eroded from the surrounding sandstones. Large intrusion-derived boulders present near the escarpment bases were highly weathered, red internally, interwoven with dark burgundy veins (oxidized iron?), and crumbly to the touch. These rocks gave rise to a deep red, silty soil, invariably savanna covered. Variations of red rock and soils characterized much of the terrain from the escarpment bases down to the Kaatnang valley, suggesting that the whole area was a giant lateritic intrusion zone.

Also present were occasional white-soil exposures, nearly devoid of vegetation and wind eroded into queer pinnacles and pillars. Close inspection revealed the soils as a crumbly agglomeration of chalky "sand" that pulverized easily into a fine, claylike powder. Of note were two preferentially associated plant taxa: a Humiriaceae shrub and a tall, spindly woody composite.

The summit escarpment rocks (1,200–1,400 m) were truly sedimentary, composed of coarse-grained sandstone. Although the rocks were predominantly black in color because of a cyanobacteria coating, fresh fractures in the rock were pink, suggesting that they were at least of the middle or possibly upper Roraima Formation (Gansser, 1954). Soils atop the escarpments and across the summit plateau were of thin sand with frequent bare rock.

Heavy daily rains characterized the first week on Malakwalai. On the summit, clouds regularly moved in from the east, bathing all in mist and cool, drizzling rain, reducing visibility to zero. Cloud fronts were interspersed with brilliant sunshine, in typical tepui style. Upon departure from Malakwalai a drying trend emerged, which extended during collecting on the Kaatnang River.

Upland savanna occurred over most of Malakwalai's vast expanse from BC1 to BC2. Scrubby, sclerophyllous trees dotted the open terrain, with orchard-like groves on natural terraces and occasional small-statured gallery forest along the numerous creeks. Two major forest swaths, or strips, descended from the eastern escarpments along creek drainages. Each strip was approximately 400 m wide. Forest also occurred at the base of the escarpments, with a scrubby sclerophyllous community on cliff ledges. Lesser communities included infrequent seepage bogs, wet rock seeps on cliff walls, and slick rock scrub associations on the summit.

From BC2, collecting commenced first on the dry slope savannas. The dominant grass was the hairy, blue-stemmed form of *Trachypogon spicatus*, although other grasses were present (see Myers, 1936). Other herbs included legumes, Verbenaceae, mints, and terrestrial orchids. Woody taxa included those normally found on upland savanna such as the orange-flowered rube *Palicourea rigida*, *Byrsonima* (malpighs), and *Curatella americana*. Woody composites were common along creeks. In general, the dry slopes seemed vegetatively impoverished, possibly because of excessive burning by the Amerindians.

Rich in Guiana Highlands taxa, the seepage bogs were an infrequent community and were found along slope creeks where side channels of water flattened out to form sheet flows. Thickets of the insectivorous bromeliad *Brocchinia reducta* lined the seeps, with associated spider orchids, *Drosera*, *Xyris*, three *Utricularia*, several melastomes, Cyperaceae, and composite shrubs. These isolated communities were usually less than 1 ha in extent.

The forest around BC2 was of medium to high canopy (20–30 m) and began abruptly from the bordering savanna (i.e., no ecotone). The forest was reasonably mesic, considering its close proximity to the savanna, and featured many large trees to 30 m in height and 0.5–1 m bole diameter. Middle stories and understories were thick and unstratified, with abundant lianas and *Clusia* hemiepiphytes. Vascular epiphytes in the canopy were fairly lacking. Mountain balata (*Manilkara huberi* (Ducke) A. Chev.) was a common canopy tree, along with trees locally called *kui-bal-yek* (bark producing a strong dermatitis), *yu-dui-yek*, and *kui-pa-yek*.

Fertile plant taxa were lacking, limited to a few Rubiaceae and Melastomataceae shrubs. Following the forest uphill to the summit ridge (1,350 m), a diminution in tree size occurred, with an increase in epiphytes and the appearance of plant taxa normally seen at higher elevations in the Pakaraimas, such as a red-bracted *Heliconia* and several bamboo grasses. The summit ridge was too low, however, for true cloud forest to occur.

An abundance of macrofungi made up for the lack of fertile plants. Thick accumulations of rotting leaves and deadwood provided the substrate for many fungal fruiting bodies, including ascomycetes (several wood-rotting *Xylaria* and three cup fungi, including a bright peachy-orange *Cookeina* with stiff black hairs fringing the cup); basidiomycetes (more than 10 species of coral fungi [Clavariaceae], including *Clavaria, Clavulina,* and *Ramariopsis*); earthstar puffballs (*Geastrum*); a gregarious *Craterellus*; *Marasmius* horsehair mushrooms on dead leaves; several *Mycena*; numerous *Hygrophorus*, including a large, bright green species and a brilliant red, slimy/viscid species; and numerous other gilled mushrooms. Several shelf and resupinate polypores, including *Ganoderma* fungal collections, were meticulously described, photographed, and dried under low constant heat over a kerosene stove, then immediately sealed in plastic bags to prevent rehydration. The bags were then stored in rigid containers (5 gallon buckets) to prevent them being crushed during transport.

Summit Communities

Several distinct plant communities were associated with Malakwalai's summit escarpments and plateau. These included the following.

Rocky Seepage Slopes. The ascent up the summit escarpment from the subtending savanna followed a slightly less than vertical route along the south edge of the sheer cliffs. Frequent exposures of sandstone were seeping water and featured special plant taxa. These included an herbaceous Gesneriaceae with an erect red stem, whitish leaves, and brilliant reddish-orange tubular flowers; two fern species with dimorphic fertile fronds; a mimosoid shrub with extremely fine leaves and pink stamens; several grass species; a blue-flowered *Salvia*; several Melastomataceae shrubs; epipetric mosses; and a cream-flowered Annonaceae shrub.

Escarpment Walls. Vertical cliff walls of 80–100 m height had small, staggered rock ledges, upon which a hardy community of gnarled trees had rooted and survived, although battered and flagged by nearly continual winds. *Clusia* were prominent.

Escarpment Edges. The uppermost cliff edges featured a distinct woody plant community. Some taxa seemed habitat specific: a *Bejaria* shrub (Ericaceae) with brilliant reddish-pink flowers, several Myrtaceae, several melastomes, and woody composites.

Plateau Savanna. Upon cresting the Malakwalai escarpment a broad, undulating plateau spread out to the west at 1,400–1,450 m elevation. The plateau was expansive, at least 1,000 ha or more in extent, and almost uniformly covered with savanna. Floristically, the savanna was similar to that of the lower slopes—*Trachypogon spicatus, Palicourea rigida*, etc. Elevational effects were not apparent in the species composition.

Plateau Rock Scrub. This summit community was found in scattered patches among the plateau savanna. It consisted of mostly thin, widely spaced trees and shrubs with much bare sandstone between; taxa included *Cladonia* mats (lichens), terrestrial orchids (*Epidendrum, Cattleya*, and *Sobralia*), a new woody composite, Myrtaceae shrubs, *Clusia*, *Cassia*, and several woody Rubiaceae heretofore unseen. The overall gestalt was of a relic tepui scrub community.

Summary: Malakwalai Tipu

The savanna vegetation on Malakwalai's upper slopes and summit was not unique. Many grasses, other herbs, and shrubs were found in savanna at all elevations from the river valley to the summit plateau. The hoped-for tepui summit vegetation was largely absent, being restricted to the slope seepage bogs (i.e., *Brocchinia reducta*), summit sheetrock areas, and the cliff edge and ledges, with *Bejaria*, *Clusia*, and other taxa characteristic of the Guiana Highlands.

The great extent of savanna at all elevations on Malakwalai, coupled with the sharp divisions between savanna and forest, suggested repeated burnings by Amerindians over centuries. Blackened tree trunks and other fire signs were frequently observed, and at least two fires were ignited by Amerindians over the course of the expedition.

BC2 to Kaatnang River (BC3)

The party returned to the Kaatnang valley via the ascent route. Following the river upstream through rolling savanna past numerous waterfalls, a point was reached where the savanna yielded sharply to dense forest between the bases of Achiknak and Wei-dit Tipus. The river continued up a narrow mesic canyon between the two mountains, which turned west after 1 km and disappeared behind Wei-dit into the Kaatnang headstreams area. Other streams descended the steep slopes of both mountains to feed the fast-flowing river. The Kaatnang base camp (BC3, at 750 m) was established along the river a hundred meters into the forest. This allowed collecting along the river and up the western slope of Achiknak.

The whole of the Kaatnang canyon appeared sedimentary. The claystones and laterites seen on Malakwalai were absent. In the river bed polished red sandstones predominated; huge sandstone boulders filled the steep feeder creeks. Interestingly, the slope soils were red to burgundy with high clay fraction—the source of the clay was not readily apparent. Previous explorations on the summit of Achiknak Tipu revealed a lateritic cap to the otherwise sedimentary peak (Trip 3); perhaps the slope soils were partially composed of erosionates from above.

The upper Kaatnang descended the canyon through a series of violent rapids and waterfalls. The falls' precipices were sandstone, with no jasper of the kind observed elsewhere in the region (Gansser, 1954). One fall formed a 10 m sheer drop of considerable force; others were smaller, convoluted drops interspersed with torturous rapids. The distance between falls and rapids increased as the river entered the broad valley downstream.

The savanna in the outer Kaatnang canyon was typical of the region—*Trachypogon spicatus* and other grasses, sedges, melastomes, *Byrsonima*, *Curatella americana* L., etc. Infrequent ironstone hills featured a more impoverished vegetation of *Palicourea rigida*, site-specific grasses, and *Byrsonima verbascifolia* in fruit. Along the river, a fringing scrub of melastomes, *Archytaea*, *Mahurea*, *Plumeria*, and numerous parasitic Loranthaceae occurred.

Canyon Bottom Forest. The canyon forest began abruptly, the sharp division with the savanna produced by Amerindian burning. Edge vegetation contained a mixture of savanna and forest elements. The interior forest blanketing the canyon bottom was dominated by mountain balata (*Manilkara huberi*), with individuals of impressive proportions (30–35 m tall, 1 m bole diameter). Stem frequency of the balata was high, and nearly all specimens exhibited marks of being bled for latex in the distant past. The balata was in bloom, showering the forest floor with tiny, fragrant Sapotaceae flowers. Other trees included one locally referred to as *eurola* and silk cotton (*Ceiba*) and many unrecognized taxa.

The river's edge included a previously unseen *Clusia* with luminous pink blooms and sandbar communities of the rare ladyslipper orchid *Phragmipedium lindleyanum* (R. H. Schomb. ex Lindl.) Rolfe in full bloom along with delicate *Ericaulon* and lichens.

Canyon Slope Forest. Ascending the west slope of Achiknak from BC3, the forest remained robust, with infrequent very large trees and thick, unstratified mid- and understories. Large lianas were frequent, yet bole and canopy epiphytes were sparse, except for lichens. Large Lecythidaceae trees (*Eschweilera*) appeared upslope at about the same elevation that the balata dropped out (approximately 950 m). Numerous boulder-strewn minicanyons were crossed, the small waterfalls rich in epipetric ferns, including Adiantaceae, Polypodiaceae, and Cyatheaceae.

Upon reaching a subridge at 1,150 m, W–NW of Achiknak's actual summit, forest stature decreased, and some upper-elevation taxa appeared: two *Heliconia* previously collected on Achiknak's south face, one with red bracts and glaucous leaves and the other one very large, possibly 4 m, with orange and green bracts and glabrous leaves; a giant *Nephrodium* fern; a *Piper* not seen below; and fertile epiphytic mosses, with a slight increase in vascular epiphytes. Future expeditions are advised to climb SW from this ridge to Achiknak's summit, where more montane taxa should be found.

In general, plant collecting was marginal from the interior canyon forest. Macrofungi continued to be abundant and diverse in the Kaatnang forest. Some taxa were shared with the Malakwalai forest, but others were new. Ascomycetes included several new Xylariaceae; most noteworthy was a bizarre species with gregarious fingerlike ascocarps rising 10–15 cm in height from the forest floor. Attempts to remove the yellow-headed, foul-smelling ascocarp revealed a taproot extending many tens of centimeters into the soil. Most Xylariaceae (ascomycetous fungi) are deadwood rotters; this begged the question of what this fungus was utilizing as a carbohydrate source. Possibilities included underground deadwood or parasitism of living roots. Basidiomycetes included gilled mushrooms (agarics) with a diversity of brightly colored *Hygrophorus*, a large *Oudemansiella*-like species with a large taproot, a large *Volvariella*, pink- and salmon-colored spore species, and many unrecognized taxa; a *Sparassis*-like cantherelloid mushroom in great abundance; a repeated abundance of coral fungi (Clavariaceae), including some taxa not seen on Malakwalai (e.g., *Clavulinopsis*); diverse polypores; and a different earthstar species (*Geastrum*). All fungi were field dried and processed as described above.

Return Kaatnang–Cipo

The expedition party returned to Cipo via a route crossing the south foot of Achiknak, collecting various grasses along the way. A few more days were spent collecting and relaxing along the Ireng River and Orinduik Falls before returning to Georgetown on 8 August. A total of 592 plant and fungal taxa were collected.

Notes from Henkel's Field Journal on the Blooming of Savanna Grasses

Grasses of the savanna slopes respond vigorously to the frequent July drenchings. Well, as vigorously as they can given the severe nutrient limitations of the soils. The bluish, fuzzy stands of *Trachypogon spicatus* (L. f.) Kuntze are more dense than in the dry season, and certain stands of what appear to be variants of this species are blooming profusely as the famous "mosquito grass," flowering and senescing with the onset of the seasonal mosquito hordes. This phenomenon was reported with slight temporal variation by the Patamona here and the Wapisiana on the South Rupununi. The inflorescence is beautifully beset

with pendant anthers, bright yellow at anthesis yielding to a burnished orange when senescing, reminiscent of maple leaves turning in the Ohio autumn. Beneath the anthers on the bisexual flowers are the feathery magenta styles, poised to receive pollen from themselves or even far-flung neighbors as the savanna winds see fit. In fact many of the other grass species now blooming have bisexual inflorescences: self-pollination must be rampant.

At least two dozen species of grasses have been found in bloom about these upland savannas. They constitute a major feature of our collections on this trip, which otherwise contains an inordinate amount of weeds.

Ecologically, some of the species are associated with the widespread lateritic clay flats, while others seem more prolific on true ironstone hills, or in seepage meadows, where they are found always with sedges and *Heliconia psittacorum*. Wherever they are growing, all the grasses seem to respond, or at least "grow back," after fire, which is a major disturbance on the savannas that are accessible to the Amerindians. In places where fire has been absent for some time, such as the top of Malakwalai, the grasses and forbs form densely tangled, knee-high mat which plainly looks less healthy than the widely spaced, tall, blooming grasses of the oft-burnt lowlands. Perhaps there is some "fire-adaptation" in these grasslands as a whole, though I remain decidedly indecisive about the influence of anthropogenic fires on their origin and distribution.

TRIP 11: IRENG RIVER–PAKARAIMA MOUNTAINS

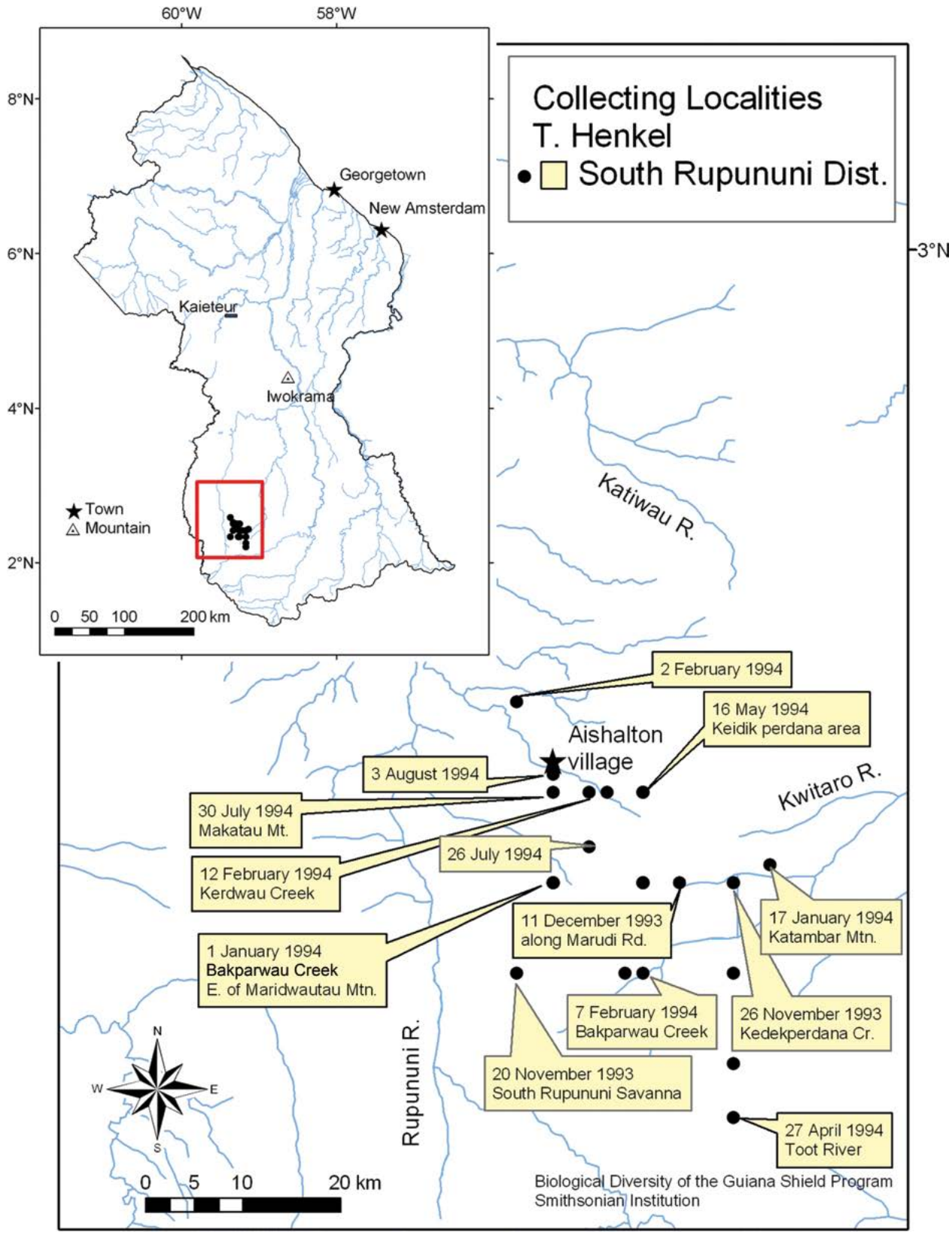
COLLECTIONS 5880–6054. 13–23 OCTOBER 1994 MAP 7

This was Henkel's final trip as the BDG resident plant collector. He was joined by Patrice Mutchnick, the seventh resident collector. Henkel organized the expedition to Orinduik Falls (Figure 21) and was joined by Romeo Williams. They collected in and around the Cipo settlement for several days until arrangements were made for the expedition to walk overland to the *Mora excelsa* forest of Catch-a-cow. The team took a boat up Sukabi River to the boat landing at the base of Ando Falls. The team collected several species of *Utricularia* and a shrubby Rutaceae, *Raveniopsis ruellioides*. Henkel collected an *Agave* species during this trip (Figure 22). Final collections on the expedition were made 15–20 km upriver from the Cipo settlement in riverine forest and bank vegetation, along creeksides, and in the spray zone of Julong Falls. (More information about this trip is forthcoming in Patrice Mutchnick in *Smithsonian Plant Collections, Guyana Shield: 1985–2014, BDG Collectors*, in preparation).

During this expedition Henkel collected 463 plant specimens.

FIGURE 21. Upper Ireng, north of Orinduik Falls. Photo by Terry Henkel.

FIGURE 22. Henkel collecting *Agave* sp., Henkel 5500, upper Ireng. Photo by Terry Henkel.



MAP 8. Collecting localities, south Rupununi savanna.

TRIP 12: SOUTH RUPUNUNI DISTRICT

Additional Collecting Expeditions Conducted by Regis James

COLLECTIONS 3471–3995. NOVEMBER 1993 TO AUGUST 1994 MAP 8

These collection numbers are from the south Rupununi savanna in the vicinity of Aishalton Village, which is characterized by open grassland vegetation, punctuated gallery forests, scattered bush islands, and also low granitic rock exposures with characteristic xerophytic epipetric plant communities, including terrestrial Cactaceae.

Many of the field assistants and guides that Henkel employed on his expeditions were from the Aishalton area of the Rupununi savanna (Figure 23). Though indigenous knowledge of plants was invaluable, Henkel trained several Amerindians in proper methods of collecting botanical specimens so that they could collect in the southern Rupununi area for him while he explored other areas of Guyana. Plants collected for Henkel by the Amerindians at Aishalton totaled 524 numbers.

FIGURE 23. Rupununi savanna, from air. Photo by Terry Henkel.

POST-BDG TRIPS: MOUNT AYANGANNA

COLLECTIONS 6223–9266. 1995 TO PRESENT

Terry Henkel, now a professor of botany at Humboldt State University, continues to bring students to Guyana every summer to investigate the macrofungal biodiversity and ecological relationships in the remote tropical rainforests of South America's Guiana Shield. His research has produced many papers (see the Appendix) and discovered many new fungal specimens. He has mentored many students that have gone on to study fungi. As long as there is funding for this type of research, Henkel will continue to investigate and study this very important but little-understood group.

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II. Collection Localities

TRIP 1: UPPER MAZARUNI RIVER AND MOUNT AYANGANNA

COLLECTIONS 1–279. 9 OCTOBER TO 20 NOVEMBER 1992

Pakaraima Mountains, Imbaimadai settlement, 1 km W along Imbaimadai Creek. 9 October 1992.
05°43′N 60°18′W, elevation 500 m.
Collections: 1–4. Collected with B. Hoffman.
Stream bank along savanna creek; low gallery forest; sandstone substrate.

Pakaraima Mountains, along Partang River, 5 km SE from Imbaimadai settlement. 10 October 1992.
05°41′N 60°16′W, elevation 500 m.
Collections: 5–10. Collected with B. Hoffman; H. Kennedy.
Xeromorphic woodland on sandstone bluffs above river; Fabaceae, Humiriaceae, Theaceae.

Pakaraima Mountains, near Mazaruni River; 0.5 km S of river at rapids near gorge opening. 11 October 1992.
05°38′N 60°17′W, elevation 525–575 m.
Collections: 11–13. Collected with B. Hoffman; H. Kennedy.
White sand forest on low ridge; *Dicymbe* dominant.

Pakaraima Mountains, along small creek 0.5 km W from schoolhouse, Chinowieng Village. 20 October 1992.
05°27′N 60°09′W, elevation 700–800 m.
Collections: 14–15.
Edge of small clearing in savanna gallery forest; sandstone substrate.

Between Chinowieng Village and Chi-Chi Falls. 20 October 1992.
05°30′N 60°10′W, elevation 700–800 m.
Collections: 16–25.
Upland white sand savanna with occasional gallery forest.

Pakaraima Mountains, upper Mazaruni River 0.5 km downstream from foot of Chi-Chi Falls. 20 October 1992.
05°33′N 60°11′W, elevation 525–575 m.
Collection: 26.
Clearing on riverine sandbanks.

Pakaraima Mountains, 2–5 km N of Imbaimadai settlement. 22 October 1992.

05°43′N 60°18′W, elevation 500 m.

Collections: 27–51.

Low-growth white sand savanna, Cyperaceae, Xyridaceae, Melastomataceae; mesic depressions; rock outcrops with scrub forest.

Pakaraima Mountains, NE plateau of Mount Ayanganna. 30 October 1992.

05°23′N 59°58′W, elevation 1,500 m.

Collections: 52–69. Collected with B. Hoffman.

Swamp scrub; open canopy 3–8 m; understory dense; epiphytic mats; level terrain, standing water, organic soils on sandstone.

Pakaraima Mountains, NE plateau of Mount Ayanganna. 1 November 1992.

05°23′N 59°58′W, elevation 1,500–1,650 m.

Collections: 70–94. Collected with B. Hoffman.

Open scrub, trees to 8 m; occasional bamboo thickets; moist slopes and small plateaus, occasional exposed sandstone.

Pakaraima Mountains, NE plateau of Mount Ayanganna. 2 November 1992.

05°23′N 59°58′W, elevation 1,500 m.

Collections: 95–100. Collected with B. Hoffman.

Swamp scrub; open canopy 3–8 m; understory dense; epiphytic mats; level terrain, standing water, organic soils on sandstone.

Pakaraima Mountains, 2 km transect along summit ridge, Mount Ayanganna. 3 November 1992.

05°23′N 59°59′W, elevation 1,800–2,000 m.

Collections: 101–140. Collected with B. Hoffman.

Low sclerophyllous community; depression shrub thickets of *Bonnetia* and *Clusia*; organic soils on sandstone.

Pakaraima Mountains, NE plateau of Mount Ayanganna. 5 November 1992.

05°23′N 59°58′W, elevation 1,500–1,650 m.

Collections: 141–145. Collected with B. Hoffman.

Open scrub, scattered trees to 8 m; occasional bamboo thickets, series of moist slopes, small plateaus, exposed sandstone.

Pakaraima Mountains, ascent and transect 4 km along NE plateau of Mount Ayanganna. 6 November 1992.

05°24′N 59°57′W, elevation 1,100–1,500 m.

Collections: 146–154. Collected with B. Hoffman.

Swamp scrub thicket with dense understory; sandstone seepage slopes and level terrain.

Pakaraima Mountains, toe slopes on NW side of Mount Ayanganna. 7 November 1992.

05°24′N 59°57′W, elevation 1,100 m.

Collections: 155–171. Collected with B. Hoffman.

Montane evergreen forest, canopy 30–40 m; creek with sandstone talus, rich in herbs, soils sandstone and laterite derived.

Pakaraima Mountains, toe slopes on NW side of Mount Ayanganna. 8 November 1992.

05°24′N 59°57′W, elevation 1,000–1,100 m.

Collections: 172–192. Collected with B. Hoffman.

Montane evergreen forest, canopy 30–40 m; creeks with sandstone talus, rich in herbs, soils sandstone and laterite derived.

Pakaraima Mountains, 1–4 km NW of Mount Ayanganna on outer toe slopes of mountain. 9 November 1992.

05°25′N 60°00′W, elevation 800–1,100 m.

Collections: 193–203. Collected with B. Hoffman.

Montane evergreen forest, canopy to 35 m; Lecythidaceae, Arecaceae, Fabaceae; epiphytes abundant; soil sandstone derived.

Pakaraima Mountains, 4–9 km NW of Mount Ayanganna between Koatse and Kangu Rivers. 10 November 1992.

50°26′N 60°02′W, elevation 700–800 m.

Collections: 204–213. Collected with B. Hoffman.

Evergreen-*Dicymbe* white sand forest on ridges, mixed forest on slopes, *Mora* swamp in depressions; soil sandstone derived.

Pakaraima Mountains, between Koatse River and Chinowieng Village. 12 November 1992.

05°27′N 60°04′W, elevation 700–800 m.

Collections: 214–240. Collected with B. Hoffman.

White sand savanna with periodic sandstone sheetrock; occasional gallery and scrub forests, terrain undulating.

Pakaraima Mountains, small tributary of Heiba River 4 km E of Chinowieng Village. 13 November 1992.

05°27′N 60°07′W, elevation 700 m.

Collections: 241–265. Collected with B. Hoffman.

Gallery forest along savanna creek; sandstone banks forming moist coves rich in bryophytes, pteridophytes, fungi.

Pakaraima Mountains, between Chinowieng Village and Heiba River. 13 November 1992.

05°27′N 60°04′W, elevation 700–800 m.

Collections: 266–279. Collected with B. Hoffman.

White sand savanna; occasional sandstone sheetrock with scrub forest; creek gallery forest.

TRIP 2: BARTICA AND ESSEQUIBO RIVER

COLLECTIONS 280–678. 5–24 DECEMBER 1992

8 km N Bartica on W bank of Essequibo River, Wolga settlement. 5 December 1992.

06°29′N 58°38′W, elevation 0–15 m.

Collections: 280–310. Collected with M. Chin.

Semidisturbed riverine forest of *Mora excelsa*.

8–10 km N Bartica, 1–3 km W of Essequibo River banks, from Wolga to Kiruku Creek. 6 December 1992.

06°29′N 58°38′W, elevation 0–15 m.

Collections: 311–331. Collected with M. Chin.

Mixed riverine forest: *Mora excelsa, Eschweilera, Pterocarpus, Eperua, Ocotea*; many epiphytes; rises alternating with swamp.

Lower 3 km of Macouria River, N and S banks. 7 December 1992.

06°25′N 58°34′W, elevation 0–15 m.
Collections: 332–389. Collected with M. Chin.
Riverbank forest.

Lower 7 km of Tiger Creek. 10 December 1992.
06°30′N 58°39′W, elevation 0–15 m.
Collections: 390–415. Collected with M. Chin.
Streambank and riverine forests.

Forest trail 0–4 km W of Tiger Creek, from point 7 km upstream. 11 December 1992.
06°33′N 58°43′W, elevation 0–80 m.
Collections: 416–438. Collected with M. Chin.
Ridge-ravine transect through *Mora* and palm swamp, mixed forest: *Ocotea rodiei, Eschweilera*, silverballi, *Goupia*, *Jacaranda*.

Lower 7 km of Tiger Creek. 12 December 1992.
60°30′N 58°39′W, elevation 0–15 m.
Collections: 439–512. Collected with M. Chin.
Streamside forest including *Mora excelsa, Eperua*, *Eschweilera,* Melastomataceae.

W bank of Essequibo River to 1 km S of Wolga settlement. 13 December 1992.
06°29′N 58°38′W, elevation 0–15 m.
Collections: 513–520. Collected with M. Chin.
Riverbank vegetation; riverine forest.

Lower 7 km of Kerite Creek, 1 km N of Goldmine settlement. 18 December 1992.
06°32′N 58°39′W, elevation 0–15 m.
Collections: 521–571. Collected with M. Chin.
Stream 75 m wide at mouth, narrowing rapidly, dense riverine forests: *Mora excelsa, Pterocarpus, Aspidosperma, Terminalia*.

W banks of Essequibo River and Baboon Island between Goldmine and Saxacalli settlements. 19 December 1992.
06°32′N 58°37′W, elevation 0–15 m.
Collections: 572–605. Collected with M. Chin.
Riverbank vegetation and riverine forest.

Radius of 0.5 km around Goldmine settlement.
06°32′N 58°37′W, elevation 0–15 m. 20 December 1992.
Collections: 606–644. Collected with M. Chin.
Large forest clearing, early successional vegetation.

W bank of Essequibo River 0–2 km south of Wolga settlement.
06°27′N 58°38′W, elevation 0–15 m. 24 December 1992.
Collections: 645–678. Collected with M. Chin.
Riverbank vegetation and riparian forest.

TRIP 3: UPPER IRENG RIVER–MOUNT WOKOMUNG

COLLECTIONS 681–1682. 1 JANUARY TO 25 MARCH 1993

Pakaraima Mountains, adjacent to E bank, upper Ireng River; between Cipo settlement and Norugu Creek. 12 January 1993.
04°48′N 60°02′W, elevation 585–600 m.
Collections: 681–715. Collected with M. Chin; W. Ryan.
Savanna; includes riparian edge forest and low gallery forest.

Pakaraima Mountains, upper Ireng River; Norugu Creek, 3–5 km from convergence with Ireng River. 13 January 1993.
04°48′N 60°02′W, elevation 600–675 m.
Collections: 716–756. Collected with M. Chin; W. Ryan.
Rock shelves and spray zone of falls along creek; includes narrow semixeromorphic gallery forest, seepage slopes.

Pakaraima Mountains, upper Ireng River; Cipo settlement 2 km W to Ireng River. 15 January 1993.
04°49′N 60°02′W, elevation 550–585 m.
Collections: 757–789. Collected with M. Chin; W. Ryan.
Rolling upland savanna; includes narrow gallery forest of Ireng River.

Pakaraima Mountains, upper Ireng River; 0.5 km E of Cipo settlement and adjacent savanna ridges 3–5 km SW. 16 January 1993.
04°49′N 60°01′W, elevation 570–750 m.
Collections: 790–845. Collected with M. Chin; W. Ryan.
Mosaic of streamside swamp, dry savanna slopes and dry and intermittent streams with attendant xeromorphic gallery forests.

Pakaraima Mountains, upper Ireng River; 0.5 km section of Tay-klay-oh Creek, 4–8 km upstream of Ireng mouth. 18 January 1993.
04°50′N 59°58′W, elevation 650 m.
Collections: 846–878. Collected with M. Chin; W. Ryan.
Sandbars, streambed, adjacent sandstone walls, and riparian forest island.

Pakaraima Mountains, 3 km transect SE from Tay-klay-oh Creek; 6 km upstream of juncture with upper Ireng River. 19 January 1993.
04°50′N 59°58′W, elevation 650–825 m.
Collections: 879–893. Collected with M. Chin; W. Ryan.
Forest on floodplain to dry slope, decreasing in stature, increasing xerocity, to high savanna ridge, ironstone soils.

Pakaraima Mountains, Tay-klay-oh Creek, upstream, juncture with upper Ireng River and 2.5 km small tributary. 20 January 1993.
04°50′N 59°58′W, elevation 650 m.
Collections: 894–936. Collected with M. Chin; W. Ryan.
Streambed and streambanks; sandstone substrate.

Pakaraima Mountains, upper Ireng River, Orinduik Falls. 23 January 1993.
04°43′0″N 60°01′20″W, elevation 510 m.
Collections: 937–943. Collected with M. Chin; W. Ryan.
Riverbank, rock shelves, and falls spray zone.

Pakaraima Mountains, Cipo Mountain, ~2 km from summit escarpment, headwaters Cipo Creek. 26 January 1993.
04°54′N 60°05′W, elevation 1,000 m.

Collections: 944–999. Collected with M. Chin; W. Ryan.

Mixed montane forest on steep slopes; canopy at 25–35 m; sandstone talus, derived soils, many tree falls.

Pakaraima Mountains, Cipo Mountain, ~2 km from summit escarpment, headwaters Cipo Creek. 27 January 1993.

04°54′N 60°05′W, elevation 1,000 m.

Collections: 1000–1033. Collected with M. Chin; W. Ryan.

Drainage slopes in mixed montane forest; sandstone talus, derived soils with dense buildup of leaf litter and deadwood.

Pakaraima Mountains, S rim, summit ridge, Cipo Mountain, ±2–4 km from headwaters of Cipo Creek. 28 January 1993.

04°54′N 60°05′W, elevation 1,250 m.

Collections: 1034–1074. Collected with M. Chin; W. Ryan.

Low forest to 10 m, two stories; sandstone soils, overhangs and cliff edges.

Pakaraima Mountains, S face, Cipo Mountain; ~2 km from summit escarpment at headwaters of Cipo Creek. 29 January 1993.

04°54′N 60°05′W, elevation 1,000 m.

Collections: 1075–1083. Collected with M. Chin; W. Ryan.

Drainage slopes in mixed montane forest; sandstone talus and derived soils, dense buildup of leaf litter and deadwood.

Pakaraima Mountains, Cipo Mountain; summit ridge 0.5 km N to northeasternmost escarpment. 29 January 1993.

04°54′N 60°05′W, elevation 1,250 m.

Collections: 1084–1110. Collected with M. Chin; W. Ryan.

Low mixed forest along strong windward escarpment slope with Theaceae, Rubiaceae, woody composites, bamboos, bromeliads.

Pakaraima Mountains, Cipo Mountain; sheetrock area N and NW of summit ridge. 30 January 1993.

04°54′N 60°05′W, elevation 1,250 m.

Collections: 1111–1155. Collected with M. Chin; W. Ryan.

Guayanan scrub forest on frequently exposed lateritic sandstone and ironstone, canopy 3–8 m, open, thin shrub understory.

Pakaraima Mountains, upper Ireng River, 2 km E of Cipo settlement on N end of adjacent ridge. 3 February 1993.

04°49′N 60°01′W, elevation 750 m.

Collections: 1156–1168. Collected with M. Chin; W. Ryan.

Seepage bog on W aspect slope (southerly outlier of Pakaraima white sand savanna).

Pakaraima Mountains, upper Ireng River, 1–2 km S of Cipo settlement along banks of Ireng River. 4 February 1993.

04°48′N 60°02′W, elevation 560 m.

Collections: 1169–1198. Collected with M. Chin; W. Ryan.

Riverine gallery forest of *Mora excelsa*, other Fabaceae, Lecythidaceae.

Pakaraima Mountains, Mount Wokomung, Suruwabaru Creek, 2–3 km upstream from juncture with Yuarka River. 10 February 1993.

05°03′N 59°54′W, elevation 675–750 m.

Collections: 1199–1246. Collected with M. Chin; W. Ryan.

Riverine forest and adjacent slopes, *Dicymbe altsonii* dominant; sandy red earth soils and sandstone talus.

Pakaraima Mountains, Mount Wokomung, Suruwabaru Creek, 2–3 km upstream from juncture with Yuarka River. 11 February 1993.

05°03′N 59°54′W, elevation 675–750 m.

Collections: 1247–1301. Collected with M. Chin; W. Ryan.

Riverine forest and adjacent slopes, *Dicymbe altsonii* dominant; sandy red earth soils and sandstone talus.

Pakaraima Mountains, Mount Wokomung, Suruwabaru Creek, 2–3 km upstream from juncture with Yuarka River. 12 February 1993.

05°03′N 59°54′W, elevation 675–750 m.

Collections: 1302–1325. Collected with M. Chin; W. Ryan.

Riverine forest dominated by *Dicymbe altsonii*; low swamps with *Heliconia*, Zingiberaceae, Cyatheaceae.

Pakaraima Mountains, Mount Wokomung, Wusupubaru Creek, 2 km from juncture with Suruwabaru Creek. 13 February 1993.

05°03′N 59°53′W, elevation 975–1,125 m.

Collections: 1326–1379. Collected with M. Chin; W. Ryan.

Montane slope forest, W side, canopy 20–35 m, two tiered.

Pakaraima Mountains, Mount Wokomung, headwaters of Wusupubaru Creek, 1 km downslope to Patamona Lookout. 15 February 1993.

05°03′N 59°53′W, elevation 975–1,125 m.

Collections: 1380–1411. Collected with M. Chin; W. Ryan.

Montane slope forest, W face of ridge; canopy 20–35 m, two tiered; epiphytes and lianas; riparian strips, creek seepage walls.

Pakaraima Mountains, Mount Wokomung, upslope to NE 1–2 km from headwaters of Wusupubaru Creek. 16 February 1993.

05°03′N 59°53′W, elevation 975–1,125 m.

Collections: 1412–1432. Collected with M. Chin; W. Ryan.

Upper montane forest, W aspect; canopy to 40 m; terraces with large trees; sandstone talus areas: high palms, ferns abundant.

Pakaraima Mountains, Mount Wokomung, across slope to SW 0.5 km from headwaters of Wusupubaru Creek. 17 February 1993.

05°03′N 59°53′W, elevation 975–1,125 m.

Collections: 1433–1470. Collected with M. Chin; W. Ryan.

Montane slope forest, W aspect; upper canopy 20–35 m; two storied; epiphytes abundant; includes 0.5 hectare tree fall.

Pakaraima Mountains, Mount Wokomung, summit plateau; from central plateau 1–2 km N to escarpment. 19 February 1993.

05°04′N 59°52′W, elevation 1,500–1,530 m.

Collections: 1471–1510. Collected with M. Chin; W. Ryan.

Scrub forest on sandstone, 5–15 m canopy; high precipitation and mist.

Pakaraima Mountains, Mount Wokomung, summit plateau, N escarpment. 20 February 1993.

05°04′N 59°52′W, elevation 1,530 m.

Collections: 1511–1534. Collected with M. Chin; W. Ryan.

Exposed sandstone cliffs, adjacent terrain. Cliff edge sclerophyllous scrub community.

Pakaraima Mountains, Mount Wokomung, central summit plateau; 0.5–1 km S, 1–2 km E along creek area and ridge. 22 February 1993.

05°04′N 59°52′W, elevation 1,500–1,530 m.

Collections: 1535–1563. Collected with M. Chin; W. Ryan.

Scrub forest on sandstone, canopy 5–15 m; atmosphere saturated.

Pakaraima Mountains, Mount Kukuinang, forest adjacent W edge of Kukuinang savanna. 26 February 1993.

05°04′N 59°57′W, elevation 900–1,000 m.

Collections: 1564–1590. Collected with M. Chin; W. Ryan.

Montane forest, canopy 15–25 m, with sclerophyllous forest fringing savanna; sandstone derived soils.

Pakaraima Mountains, Mount Kukuinang, Kukuinang savanna, 2–3 km SSW from mountain peak. 27 February 1993.

05°04′N 59°57′W, elevation 950–1,050 m.

Collections: 1591–1641. Collected with M. Chin; W. Ryan.

White sand savanna; low sclerophyllous vegetation, scattered scant scrub islands and sheetrock.

Pakaraima Mountains, Mount Kukuinang, E border of Kukuinang savanna, 1–2 km SSE from summit plateau. 28 February 1993.

05°04′N 59°57′W, elevation 950–1,050 m.

Collections: 1642–1668. Collected with M. Chin; W. Ryan.

Unburned white sand savanna and adjacent fringing forest.

Pakaraima Mountains, Mount Kukuinang, lower S face of mountain 0–3 km along descent line. 1 March 1993.

05°03′N 59°57′W, elevation 630–900 m.

Collections: 1669–1682. Collected with M. Chin; W. Ryan.

Mixed montane slope forest; elevational gradient to banks of Yuarka River; sandstone-derived soils.

TRIP 4: ESSEQUIBO RIVER–MACOURIA RIVER–BLUE MOUNTAIN

COLLECTIONS 1683–2157. 30 MARCH TO 18 JUNE 1993

Macouria River from 5 to 10 km from its mouth. 30 March 1993.

06°27′N 58°31′W, elevation 0–5 m.

Collections: 1683–1740. Collected with M. Chin; R. Williams; B. Klein.

Alluvial. Riverbank vegetation and adjacent riverine forest.

Essequibo River, E bank, upstream 2–4 km from Bartica, island shore and mainland. 31 March 1993.

06°25′N 58°35′W, elevation 0–5 m.

Collections: 1741–1820. Collected with M. Chin; R. Williams; B. Klein.

Alluvial. Riverbank vegetation and riverine forest.

Essequibo River, W bank, Wolga 1 km S, to lower 0.5 km of Kamwatta Creek. 1 April 1993.

06°27′N 58°36′W, elevation 0–5 m.

Collections: 1821–1878. Collected with M. Chin; R. Williams; B. Klein.

White and brown sand; red earth. Riverine forest and bank vegetation.

Upper White Creek, near Blue Mountain. 14 April 1993.

06°35′N 58°43′W, elevation 5–20 m.

Collections: 1879–1894. Collected with R. Williams; B. Klein.

Red laterite; bottomland *Mora excelsa* forest; adjacent *Chlorocardium* forest.

Upper White Creek, 3 km S–SE from mining camp. 17 April 1993.

06°35′N 58°43′W, elevation 10–100 m.

Collections: 1895–1922. Collected with R. Williams; B. Klein.

Ironstone with laterite soils. *Mora* bottomland sloping into primary greenheart forest.

Blue Mountain, 2–5 km N and W from shops on road. 18 April 1993.

06°35′N 58°47′W, elevation 100–200 m.

Collections: 1923–1938. Collected with R. Williams.

Ironstone and quartz with derived laterites. Mixed slope forest grading into ironstone plateau with low mixed forest.

White Creek 3–5 km downstream from mining camp. 19 April 1993.

06°35′N 58°43′W, elevation 10–30 m.

Collections: 1939–1954. Collected with R. Williams; B. Klein.

Ironstone and quartz with derived laterites. *Mora* riverine forest, adjacent *Chlorocardium* slopes.

White Creek 0–5 km from mouth. 22 April 1993.

06°37′N 58°41′W, elevation 5 m.

Collections: 1955–1967. Collected with R. Williams; B. Klein; M. Chin.

Ironstone with laterite soils. *Mora excelsa* riverine forest.

Mazaruni River, Marshall Falls to several kilometers downstream. 26 April 1993.

06°20′N 58°45′W, elevation 5 m.

Collections: 1968–1986. Collected with R. Williams.

Mora excelsa riverine forest and adjacent slopes.

Left bank of lower Kajarau Creek (1 km above Macouria River on Essequibo River). 29 April 1993.

06°28′N 58°32′W, elevation 5 m.

Collections: 1987–2003. Collected with R. Williams.

Soils brown sand. *Mora* forest with patches of secondary growth (10–15 years).

Essequibo River, E bank, from Burn Bush to Big Cow-Cow Creek (13 km upstream from Bartica). 1 May 1993.
06°20′N 58°33′W, elevation 5 m.
Collections: 2004–2031. Collected with R. Williams.
Alluvial soils. *Mora* riverine forest and adjacent slopes.

2–4 km W of Essequibo River from juncture with Kamwatta Creek. 6 May 1993.
06°26′N 58°47′W, elevation 5 m.
Collections: 2032–2048. Collected with R. Williams.
Alluvial soils. *Mora excelsa* forest.

Lower Kajarau Creek, left bank. 17 May 1993.
06°25′N 58°35′W, elevation 5 m.
Collections: 2049–2061. Collected with R. Williams.
Alluvial soils. *Mora* forest with areas of secondary growth.

Essequibo River, E bank, 5 km north of Bartica. 18 May 1993.
06°27′N 58°35′W, elevation 5 m.
Collections: 2062–2094. Collected with R. Williams.
Alluvial soils. *Mora* riverine forest.

Essequibo River from Monkey Jump to Persaud timber concession. 22 May 1993.
06°20′N 58°33′W, elevation 5 m.
Collections: 2095–2136. Collected with R. Williams.
Alluvial soils. *Mora* riverine forest.

Essequibo River; Lau Lau Island adjacent Lanaballi village. 14 June 1993.
06°39′N 58°35′W, elevation 0–5 m.
Collections: 2137–2150. Collected with R. Williams.
Alluvial soils. Riverine forest and bank vegetation.

Lower Kajarau Creek. 18 June 1993.
06°25′N 58°35′W, elevation 5 m.
Collections: 2151–2157. Collected with R. Williams.
Alluvial soils. Riverine forest.

TRIP 5: KAIETEUR NATIONAL PARK

COLLECTIONS 2158–2460. 1 TO 26 JULY 1993

Kaieteur National Park, W bank Potaro River, 0.5 km from falls in gorge. 12 July 1993.
05°11′N 59°28′W, elevation 170 m.
Collections: 2158–2178. Collected with R. Williams.
Mora excelsa riverine forest on sand terraces; adjacent sandstone and conglomerate boulders and seepage walls.

Kaieteur National Park, Kaieteur gorge, W bank Potaro R, 0.75 km from falls. 13 July 1993.
05°11′N 59°28′W, elevation 201–250 m.
Collections: 2179–2180. Collected with R. Williams.
Sandstone and conglomerate with medium stature forest, 50–100 m upslope from river.

Kaieteur National Park, Kaieteur gorge, W bank Potaro R, 0.75 km from falls. 13 July 1993.
05°11′N 59°28′W, elevation 200–250 m.
Collections: 2181–2205. Collected with R. Williams.
Sandstone and conglomerate with medium stature forest, 50–100 m upslope from river.

Kaieteur National Park, Kaieteur gorge, W bank Potaro R, 0.5–2.5 km from falls. 14 July 1993.
05°11′N 59°28′W, elevation 100–200 m.
Collections: 2206–2214. Collected with R. Williams.
Sandstone and conglomerate boulders and associated sand terraces, medium stature forest; 10–100 m upslope from river's edge.

Kaieteur National Park, Kaieteur gorge, W bank Potaro R, 2.5 km from falls. 15 July 1993.
05°12′N 59°28′W, elevation 100–170 m.
Collections: 2215–2252. Collected with R. Williams.
Sand terraces along river's edge and adjacent forested boulder fields.

Kaieteur National Park, Kaieteur gorge, W bank Potaro R, 0.5–2.5 km from falls. 16 July 1993.
05°11′N 59°28′W, elevation 100–200 m.
Collections: 2253–2265. Collected with R. Williams.
Medium stature forest on sandstone and conglomerate boulders, associated sand terraces; upslope.

Kaieteur National Park, Kaieteur-Tukeit trail between first and third colonial bridges. 17 July 1993.
05°12′N 59°28′W, elevation 200–300 m.
Collections: 2266–2278. Collected with R. Williams.
Mixed hardwood slope forest; sandstone derived soils; large trees, 35+ m, on small terraces; incl. *Caryocar* & *Dicymbe* spp.

Kaieteur National Park, Kaieteur-Tukeit trail, from third colonial bridge to Tukeit. 18 July 1993.
05°12′N 59°28′W, elevation 100–200 m.
Collections: 2279–2298. Collected with R. Williams.
Mixed hardwood slope forest on sandstone derived soils; large trees on terraces including *Dicymbe* sp.

Kaieteur National Park, 1 km W from W end of airstrip. 19 July 1993.
05°11′N 59°30′W, elevation 470–500 m.
Collections: 2299–2312. Collected with R. Williams.
Xeromorphic forest and scrubby savanna on sandstone outcrop.

Potaro River, 0 to 2.5 km downstream from Menzies Landing, left and right bank. 21 July 1993.
05°09′N 59°29′W, elevation 450 m.
Collections: 2313–2355. Collected with R. Williams.
Riverine forest and bank vegetation, alluvial substrate.

Kaieteur plateau; 3 km WNW from falls along Kaieteur-Kuribrong trail. 22 July 1993.
05°12′N 59°30′W, elevation 540 m.
Collections: 2356–2395. Collected with R. Williams.
Seepage bog and xeromorphic scrub forest mosaic on pink sand with frequent sandstone outcrops.

Kaieteur plateau; W rim of inner gorge, falls to Johnson's Lookout. 22 July 1993.
05°11′N 59°28′W, elevation 330–400 m.
Collections: 2396–2429. Collected with R. Williams.
Seepage bog and xeromorphic scrub forest on exposed sandstone and conglomerate; includes "cloud" forest, gorge rim in mist.

Potaro River, 0–2 km upstream from Menzies Landing. 24 July 1993.
05°10′N 59°30′W, elevation 450 m.
Collections: 2430–2453. Collected with R. Williams.
Riverine forest with *Mora excelsa*, and bank vegetation on alluvial substrate.

Kaieteur National Park, east end of airstrip to Johnson's Lookout. 25 July 1993.
05°11′N 59°28′W, elevation 400–500 m.
Collections: 2454–2460. Collected with R. Williams.
Rock savanna and seepage bogs.

TRIP 6: ESSEQUIBO RIVER–BERBICE SAVANNA–SOESDYKE–LINDEN HIGHWAY–MAHAICA COAST

COLLECTIONS 2461–2768. 10–24 AUGUST 1993

W bank Essequibo River, 0–1 km N of Wolga settlement. 10 August 1993.
06°30′N 58°36′W, elevation 8 m.
Collections: 2461–2475. Collected with R. Williams.
Riverine forest and sandbars.

Berbice savanna near Takama Army Base. 14 August 1993.
05°43′N 57°57′W, elevation 100 m.
Collections: 2476–2570. Collected with R. Williams; H. Scrase.
Savanna–forest mosaic on white sand.

2–3 km E and W of Soesdyke–Linden Highway; within 3 km of second toll gate. 16 August 1993.
06°20′N 58°17′W, elevation 8 m.
Collections: 2571–2606. Collected with R. Williams; M. Ameer.
White sand scrub forest.

Mahaica coast near cane grove. 17 August 1993.
06°40′N 57°58′W, elevation 0–10 m.
Collections: 2607–2644. Collected with R. Williams; M. Ameer.
Creekside secondary forest; brackish trenches.

Parika Creek backdam. 18 August 1993.
06°50′N 58°28′W, elevation 0–10 m.
Collections: 2645–2676. Collected with R. Williams; M. Ameer.
Trenchside secondary forest.

Groete River 2–4 km either side of mouth of Black Creek. 23–24 August 1993.
06°37′N 58°36′W, elevation 8–16 m.
Collections: 2677–2731. Collected with R. Williams.
Riverine forest (*Mora excelsa*) and bank vegetation. Gray sand substrate.

Groete River from juncture with Black Creek downstream to juncture with Essequibo River. 23 August 1993.
06°37′N 58°36′W, elevation 8–16 m.
Collections: 2732–2768. Collected with R. Williams.
Riverine forest (*Mora excelsa*) and bank vegetation.

TRIP 7: MARUDI MOUNTAINS–KUYUWINI RIVER

COLLECTIONS 2769–3470. 6 SEPTEMBER TO 15 OCTOBER 1993

South Rupununi savanna; 5 km S of Aishalton along road to Marudi Mountains. 9 September 1993.
02°23′N 59°18′W, elevation 200 m.
Collections: 2769–2822. Collected with R. Williams; V. James.
Wet depression in savanna on quartzite sand and igneous outcrops.

Marudi Mountains, 0.5 km NE of mine compound. 11 September 1993
02°14′N 59°10′W, elevation 400 m.
Collections: 2823–2847. Collected with R. Williams; V. James.
Secondary and primary forest on dark red lateritic clay.

Marudi Mountains, summit and adjacent west-facing slope, 1 km down to creek bottom. 12 September 1993.
02°14′N 59°11′W, elevation 450–550 m.
Collections: 2848–2892. Collected with R. Williams; V. James.
Mixed high-canopy slope forest on dense dark red lateritic clay, occasional igneous boulders.

Marudi Mountains, summit and adjacent slope forest 1–2 km to S and E. 13 September 1993.
02°14′N 59°11′W, elevation 450–550 m.
Collections: 2893–2931. Collected with R. Williams; V. James.
Mixed high-canopy slope forest on dark red clay.

Marudi Mountains, ridge forest 0.5–1 km NE of mine compound. 14 September 1993.
02°14′N 59°09′W, elevation 400–450 m.

Collections: 2932–2952. Collected with R. Williams; V. James.
Mixed high-canopy slope forest on dark red clay; occasional clearings.

Sales Creek (tributary of Toucan Creek) 3 km S–SE of Marudi Mountains. 15 September 1993.
02°13′N 59°09′W, elevation 250–300 m.
Collections: 2953–2970. Collected with R. Williams; V. James.
Mixed upland forest and manicole swamp.

Kuyuwini River watershed; between headwaters of Toucan and Marudi Creeks, 2–4 km S of Marudi Mountains. 16 September 1993.
02°13′N 59°10′W, elevation 250–350 m.
Collections: 2971–2994. Collected with R. Williams; V. James.
Mixed hardwood forest on gray clays, occasional rocky uplands.

Kuyuwini watershed; Bat Mountain; lower slopes of inselberg, east face. 17 September 1993.
02°11′N 59°11′W, elevation 300–400 m.
Collections: 2995–3016. Collected with R. Williams; V. James.
Rocky, precipitous slopes with scrub islands and low xerophytic forests.

Kuyuwini River watershed; Bat Mountain area; between headwaters I-Tukan and Marudi Creeks, 2–4 km S of Marudi Mountains. 18 September 1993.
02°12′N 59°10′W, elevation 250–350 m.
Collections: 3017–3029. Collected with R. Williams; V. James.
Mixed hardwood forest on gray clays and occasional rocky uplands.

Kuyuwini River watershed; Bat Mountain; N and NE slopes of inselberg. 19 September 1993.
02°11′N 59°11′W, elevation 300–450 m.
Collections: 3030–3071. Collected with R. Williams; V. James.
Rocky, precipitous slopes with scrub islands and low xerophytic forest.

Kuyuwini River watershed; Aishalton Landing; upstream 1 km S and N banks. 21 September 1993.
02°03′N 59°09′W, elevation 250 m.
Collections: 3072–3093. Collected with R. Williams; V. James.
Riverine forest and bank vegetation.

Kuyuwini River watershed; Aishalton Landing; upstream 2–3 km, N and S banks. 22 September 1993.
02°03′N 59°10′W, elevation 250 m.
Collections: 3094–3126. Collected with R. Williams; V. James.
Riverine forest and bank vegetation.

Kuyuwini River watershed; Aishalton Landing; downstream 2–3 km. 23 September 1993.
02°03′N 59°08′W, elevation 250 m.
Collections: 3127–3145. Collected with R. Williams; V. James.
Riverine forest and bank vegetation and adjacent upland forest.

Kuyuwini River, 1 day's paddling downstream from Aishalton Landing. 25 September 1993.
02°10′N 58°48′W, elevation 200–250 m.
Collections: 3146–3179. Collected with R. Williams; V. James.
Riverine forest and bank vegetation.

Kuyuwini River, 10–15 km downstream from Taruma Rapids. 27 September 1993.
02°15′N 58°40′W, elevation 200–250 m.
Collections: 3180–3221. Collected with R. Williams; V. James.
Riverine forest and bank vegetation.

Kuyuwini River; 2–5 km from Lukanani Landing (3 days' travel from Aishalton Landing). 29 September 1993.
02°20′N 58°32′W, elevation 200 m.
Collections: 3222–3244. Collected with R. Williams; V. James.
Riverine forest and bank vegetation.

Essequibo River, W bank, 100 m S of mouth of Kuyuwini River. 1 October 1993.
02°20′N 58°22′W, elevation 100–200 m.
Collections: 3245–3274. Collected with R. Williams; V. James.
Riverine forest and adjacent uplands.

Essequibo River, 2 km SW from Kuyuwini River mouth. 1 October 1993.
02°20′N 58°22′W, elevation 100–200 m.
Collections: 3275–3283. Collected with R. Williams; V. James.
Low-statured scrub forest on sand; Clusiaceae and Humiriaceae dominant.

Essequibo River, 2–3 km N from Kuyuwini River mouth. 1 October 1993.
02°20′N 58°22′W, elevation 100–200 m.
Collections: 3284–3296. Collected with R. Williams; V. James.
Riverine forest and adjacent uplands.

Upper Essequibo River, 2–3 km SW from Kuyuwini River mouth. 2 October 1993.
02°20′N 58°22′W, elevation 100–200 m.
Collections: 3297–3323. Collected with R. Williams; V. James.
Low-statured scrub forest of Clusiaceae and Humiriaceae on sand.

Upper Essequibo River, adjacent mouth of Kuyuwini River. 2 October 1993.
02°20′N 58°22′W, elevation 100–200 m.
Collections: 3324–3334. Collected with R. Williams; V. James.
Riverine forest and bank vegetation.

Upper Essequibo River, 1–4 km upstream from mouth of Kuyuwini River; E and W of banks. 3 October 1993.
02°20′N 58°22′W, elevation 100–200 m.
Collections: 3335–3356. Collected with R. Williams; V. James.
Riverine forest and bank vegetation.

Kuyuwini River; 8 km upstream from Taruma Rapids; N bank. 6 October 1993.

02°23′N 59°18′W, elevation 200 m.

Collections: 3357–3357. Collected with R. Williams; V. James.

Riverine forest.

South Rupununi savanna; Aishalton; wet depression 100–200 m south of airstrip. 9 October 1993.

02°22′N 59°18′W, elevation 200 m.

Collections: 3358–3370. Collected with R. Williams; V. James.

Ité palm wetland.

South Rupununi savanna; Aishalton; Makawau Creek, 100 m W of west end of airstrip. 10 October 1993.

02°23′N 59°18′W, elevation 200 m.

Collections: 3371–3392. Collected with R. Williams; V. James.

Low gallery forest.

South Rupununi savanna; wet depression 1 km E of Aishalton airstrip. 11 October 1993.

02°23′N 59°18′W, elevation 200 m.

Collections: 3393–3405. Collected with R. Williams; V. James.

Wet savanna depression.

South Rupununi savanna; savanna–forest interface ~12 km S of Aishalton along road to Marudi. 11 October 1993.

02°20′N 59°18′W, elevation 200 m.

Collections: 3406–3421. Collected with R. Williams; V. James.

Savanna with dry forest islands.

South Rupununi savanna; Aishalton Mountains; 2 km S of Aishalton village. 12 October 1993.

02°23′N 59°18′W, elevation 200–400 m.

Collections: 3422–3465. Collected with R. Williams; V. James.

Low xerophytic forest and sclerophyllous rock scrub.

South Rupununi savanna; Aishalton airstrip. 13 October 1993.

02°23′N 59°18′W, elevation 200 m.

Collections: 3466–3470. Collected with R. Williams; V. James.

Disturbed savanna.

TRIP 8: MOUNT WOKOMUNG II

COLLECTIONS 4071–4523. 1–26 NOVEMBER 1993

Pakaraima Mountains, Mount Wokomung; Suruwabaru Creek, 1–2 km from juncture with Yuarka River. 7 November 1993.

05°02′N 59°54′W, elevation 675–750 m.

Collections: 4071–4147. Collected with R. Williams; S. Fratello; L. Williams.

Creekside forest with *Dicymbe altsonii* and *Mora gonggrijpii*; sandbar and epipetric vegetation.

Pakaraima Mountains, Mount Wokomung; Suruwabaru Creek, hills E of adjacent creek 1–2 km from Yuarka River. 8 November 1993.

05°02′N 59°54′W, elevation 800–850 m.

Collections: 4148–4208. Collected with R. Williams; S. Fratello; L. Williams.

Slope forest on brown sand, sandstone boulders.

Pakaraima Mountains, Mount Wokomung; Suruwabaru Creek, E side riverine slopes 1–2 km from juncture Yuarka R. 9 November 1993.

05°02′N 59°54′W, elevation 750–800 m.

Collections: 4209–4259. Collected with R. Williams; S. Fratello; L. Williams.

Riverine and slope forest on brown sand.

Pakaraima Mountains, Mount Wokomung; W slope on subplateau near head of Mo-toy-mabaru Creek. 11 November 1993.

05°04′N 59°53′W, elevation 1,150–1,200 m.

Collections: 4260–4307. Collected with R. Williams; S. Fratello; L. Williams.

Medium canopy, 20 m, cloud forest on sandstone; soils thick organic matter on sand.

Pakaraima Mountains, Mount Wokomung; W slope on subplateau near head of Mo-toy-mabaru Creek. 12 November 1993.

05°04′N 59°53′W, elevation 1,000–1,100 m.

Collections: 4308–4336. Collected with R. Williams; S. Fratello; L. Williams.

Medium-canopy cloud forest, 20+ m; thick organic matter in soil on sandstone; diverse woody taxa.

Pakaraima Mountains, Mount Wokomung, toe slope 0.5–2 km NW from northern escarpment. 13 November 1993.

05°04′N 59°53′W, elevation 1,300–1,400 m.

Collections: 4337–4377. Collected with R. Williams; S. Fratello; L. Williams.

Mixed cloud forest; soils thick organic matter on brown sand with occasional sandstone boulders.

Pakaraima Mountains, Mount Wokomung, ridgeline 0.5 km NE of Wokomung escarpment adjacent Ka-mie-wah pinnacle. 15 November 1993.

05°04′N 59°53′W, elevation 1,400–1,500 m.

Collections: 4378–4420. Collected with R. Williams; S. Fratello; P. Joseph.

Medium-canopy cloud forest, 20–30 m; organic soils on sand with numerous sandstone boulders.

Pakaraima Mountains, Mount Wokomung, summit ridge of Ka-mie-wah pinnacle NE to S pinnacle, "Little Ayanganna." 17 November 1993.

05°04′N 59°52′W, elevation 1,550–1,650 m.

Collections: 4421–4500. Collected with R. Williams; S. Fratello; L. Williams.

Mixed-hardwood cloud forest grading to Guayanan scrub forest on pinnacle escarpments; on sandstone.

Pakaraima Mountains, Mount Wokomung, Ka-mie-wah pinnacle immediately NE of Wokomung's northern escarpment. 19 November 1993.

05°04′N 59°52′W, elevation 1,550–1,650 m.

Collection: 4501. Collected with R. Williams; S. Fratello; L. Williams.

Sandstone faces and rocky slopes, with adjacent cloud forest.

Pakaraima Mountains, Mount Wokomung, Ka-mie-wah pinnacle immediately NE of Wokomung's northern escarpment. 19 November 1993.

05°04′N 59°52′W, elevation 1,550–1,650 m.

Collections: 4502–4517. Collected with R. Williams; S. Fratello; L. Williams.

Sandstone faces and rocky slopes, with adjacent cloud forest.

Pakaraima Mountains, Mount Wokomung, Ka-mie-wah pinnacle immediately NE of Wokomung's northern escarpment. 20 November 1993.

05°02′N 59°54′W, elevation 800–1,000 m.

Collections: 4518–4519. Collected with R. Williams; S. Fratello; L. Williams.

Low-elevation cloud forest grading into *Dicymbe*-dominated slope forest.

Pakaraima Mountains, Mount Wokomung, slopes between W face subplateau and Suruwabaru Creek. 20 November 1993.

05°02′N 59°54′W, elevation 800–1,000 m.

Collections: 4520–4523. Collected with R. Williams; S. Fratello; L. Williams.

Low-elevation cloud forest grading into *Dicymbe*-dominated slope forest.

TRIP 9: ESSEQUIBO HEADWATERS–ACARAI MOUNTAINS

COLLECTIONS 4550–5415. 14 FEBRUARY TO 12 APRIL 1994

Gunn's Strip savanna; 1 km W of village. 18 February 1994.

01°40′N 58°38′W, elevation 250 m.

Collections: 4550–4565. Collected with M. Chin; R. Williams; R. James.

Inundated white sand savanna.

Essequibo River; 1–2 km S of Gunn's Wai Wai Village. 18 February 1994.

01°39′N 58°37′W, elevation 250 m.

Collections: 4566–4589. Collected with M. Chin; R. Williams; R. James.

Riverine forest and bank vegetation.

Acarai Mountains; Watuwau Creek 10 km upstream of juncture with Chodikar River. 21 February 1994.

01°22′N 58°42′W, elevation 250 m.

Collections: 4590–4597. Collected with M. Chin; R. Williams; R. James.

Mixed rainforest with dense lianas and palm understory.

Acarai Mountains; Watuwau Creek, 8–10 km upstream of juncture with Chodikar River. 22 February 1994.

01°22′N 58°42′W, elevation 250 m.

Collections: 4598–4664. Collected with M. Chin; R. Williams; R. James.

Riverine forest and bank vegetation.

Acarai Mountains; Watuwau Creek, 6–10 km upstream of juncture with Chodikar River. 23 February 1994.

01°22′N 58°42′W, elevation 250 m.

Collections: 4665–4707. Collected with M. Chin; R. Williams; R. James.

Riverine forest and bank vegetation.

Acarai Mountains; northern foothills 2–3 km S of Watuwau Creek. 24 February 1994.

01°21′N 58°42′W, elevation 245–275 m.

Collections: 4708–4749. Collected with M. Chin; R. Williams; R. James.

Mixed rainforest on low slopes interspersed with swamp forest in draws; soils gray and yellow clay.

Acarai Mountains; northern foothills 3–5 km S of Watuwau Creek. 25 February 1994.

01°20′N 58°42′W, elevation 250–400 m.

Collections: 4750–4766. Collected with M. Chin; R. Williams; R. James.

Mixed rainforest on low slopes interspersed with swamp forest in draws; soils gray and yellow clays.

Acarai Mountains; Watuwau Creek 10–15 km from juncture with Chodikar River. 26 February 1994.

01°22′N 58°40′W, elevation 245 m.

Collections: 4767–4823. Collected with M. Chin; R. Williams; R. James.

Riverine forest and bank vegetation.

Acarai Mountains; Kashinar Mountain; S slope and adjacent lowlands to the south. 28 February 1994.

01°17′N 58°39′W, elevation 525–750 m.

Collections: 4824–4851. Collected with M. Chin; R. Williams; R. James.

High-canopy (50–60 m) slope forest; clay soils with granitic boulders.

Acarai Mountains; Kashinar Mountain; S slope and adjacent lowlands to the south. 28 February 1994.

01°17′N 58°39′W, elevation 525–750 m.

Collections: 4852–4866. Collected with M. Chin; R. Williams; R. James.

High-canopy (50–60 m) slope forest; clay soils with granitic boulders.

Acarai Mountains; low slopes 2–3 km S of Kashinar Mountain. 1 March 1994.
01°17′N 58°39′W, elevation 450–600 m.
Collections: 4867–4893. Collected with M. Chin; R. Williams; R. James.
High-canopy slope forest (50–60 m) and creek bottoms.

Acarai Mountains; Kashinar Mountain, summit and surrounding slopes. 2 March 1994.
01°17′N 58°39′W, elevation 825–975 m.
Collections: 4894–4938. Collected with M. Chin; R. Williams; R. James.
Mixed montane rainforest; soils clay with granitic rocks exposed.

Acarai Mountains; Tinarnau Creek at northwestern base of Tinarnau Peak. 5 March 1994.
01°16′N 58°36′W, elevation 500 m.
Collections: 4939–4983. Collected with M. Chin; R. Williams; R. James.
Mixed hardwood forest and creekside vegetation.

Acarai Mountains; summit and adjacent slopes of Tinarnau Peak. 6 March 1994.
01°16′N 58°35′W, elevation 975–1,000 m.
Collections: 4984–5009. Collected with M. Chin; R. Williams; R. James.
Mixed montane hardwood forest on red clays.

Acarai Mountains; Tinarnau Creek at NW base of Tinarnau Peak. 7 March 1994.
01°16′N 58°36′W, elevation 500–600 m.
Collections: 5010–5041. Collected with M. Chin; R. Williams; R. James.
Mixed hardwood forest and creekside vegetation.

Acarai Mountains; Tinarnau Creek and adjacent slopes at NW base of Tinarnau Peak. 8 March 1994.
01°16′N 58°36′W, elevation 500–700 m.
Collections: 5042–5054. Collected with M. Chin; R. Williams; R. James.
Mixed hardwood forest on slopes; soils light red clay.

Acarai Mountains; Tinarnau Creek and adjacent slopes at NW base of Tinarnau Peak. 9 March 1994.
01°16′N 58°36′W, elevation 500–700 m.
Collections: 5055–5085. Collected with M. Chin; R. Williams; R. James.
Mixed hardwood forest on slopes; soils light red clay.

Acarai Mountains; Sipu River 8–10 km from juncture with Essequibo River. 12 March 1994.
01°25′N 58°51′W, elevation 250 m.
Collections: 5086–5149. Collected with M. Chin; R. Williams; R. James.
Riverine forest and bank vegetation.

Acarai Mountains; northern foothills, lowlands, 2–4 km S of Sipu River. 12 March 1994.
01°24′N 58°51′W, elevation 250–300 m.
Collections: 5150–5167. Collected with M. Chin; R. Williams; R. James.
Low-lying swamp forest interspersed with slight uplands.

Acarai Mountains; Sipu River 0–4 km from juncture with Essequibo River. 13 March 1994.
01°25′N 58°50′W, elevation 250 m.
Collections: 5168–5186. Collected with M. Chin; R. Williams; R. James.
Swamp riverine forest with Fabaceae and Arecaceae; bank vegetation.

Acarai Mountains; summit of unnamed peak 5 km south of Sipu River. 14 March 1994.
01°23′N 58°50′W, elevation 650–700 m.
Collections: 5187–5198. Collected with M. Chin; R. Williams; R. James.
Mixed-hardwood slope forest.

Acarai Mountains; Sipu River, 7–10 km from juncture with Essequibo River. 15 March 1994.
01°25′N 58°54′W, elevation 250 m.
Collections: 5199–5233. Collected with M. Chin; R. Williams; R. James.
Swamp riverine forest and bank vegetation.

Gunn's Wai Wai Village, forest and savanna 2 km W of village. 20 March 1994.
01°39′N 58°37′W, elevation 250 m.
Collections: 5234–5251. Collected with M. Chin; R. Williams; R. James.
Savanna-fringing forest.

Kassikaityu River 15–20 km from juncture with Essequibo River. 22 March 1994.
01°49′N 58°40′W, elevation 250 m.
Collections: 5252–5291. Collected with M. Chin; R. Williams; R. James.
Riverine forest and bank vegetation.

Kassikaityu River 20 km upstream from Essequibo River junction. 23 March 1994.
01°48′N 58°44′W, elevation 300–400 m.
Collections: 5292–5303. Collected with M. Chin; R. Williams; R. James.
Riverine lowlands, adjacent uplands. High-canopy rainforest on clay and sand.

Kassikaityu River; 25 km upstream from juncture with Essequibo River. 24 March 1994.
01°50′N 58°45′W, elevation 250 m.
Collections: 5304–5337. Collected with M. Chin; R. Williams; R. James.

Riverine forest and bank vegetation.

Kassikaityu River; 20 km upstream from juncture with Essequibo River. 25 March 1994.
01°50′N 58°45′W, elevation 250 m.
Collections: 5338–5348. Collected with R. Williams; R. James.
Riverine forest and bank vegetation.

Kassikaityu River 10–15 km upstream from juncture with Essequibo River. 26 March 1994.
01°50′N 58°36′W, elevation 250 m.
Collections: 5349–5356. Collected with R. Williams; R. James.
Riverine lowlands. Low-canopy rainforest on alternating clays and sand.

Essequibo River, 2 km upstream from Gunn's Village. 30 March 1994.
01°39′N 58°37′W, elevation 250 m.
Collections: 5357–5371. Collected with R. Williams; R. James.
Low-canopy swamp forest on brown sand.

Essequibo River, 5 km upstream from Gunn's Village. 1 April 1994.
01°38′N 58°37′W, elevation 250 m.
Collections: 5372–5403. Collected with R. Williams; R. James.
Riverine forest and bank vegetation.

Essequibo River, mountain 1 km E of Gunn's Village. 6 April 1994.
01°39′N 58°37′W, elevation 300–400 m.
Collections: 5404–5415. Collected with R. Williams; R. James.
Upland forest on black soil.

TRIP 10: ACHIKNAK-MALAKWALAI MASSIF, UPPER IRENG RIVER

COLLECTIONS 5416–5879. 1 JULY TO 7 AUGUST 1994

Pakaraima Mountains; upper Ireng River watershed; Tayklay-oh Creek 2–3 km from juncture with Ireng. 2 July 1994.
04°50′N 60°02′W, elevation 650 m.
Collections: 5416–5434.
Upland savanna and scrubby gallery forest on lateritic sands.

Pakaraima Mountains; upper Ireng River watershed; Cipo area; Norugu Creek Falls. 3 July 1994.
04°48′N 59°58′W, elevation 650 m.
Collections: 5435–5442.
Scrubby gallery forests and seepage walls near falls; red jasper bedrock.

Pakaraima Mountains; upper Ireng River; E bank directly in front of Cipo settlement. 4 July 1994.
04°48′N 60°02′W, elevation 600 m.
Collections: 5443–5451.
Dry riverine forest and adjacent savanna.

Pakaraima Mountains; upper Ireng River; E bank adjacent to Cipo settlement. 5 July 1994.
04°48′N 60°02′W, elevation 600 m.
Collections: 5452–5462.
Narrow gallery forest interspersed with savanna.

Pakaraima Mountains; upper Ireng River; Norugu Creek at base of falls. 6 July 1994.
04°48′N 60°00′W, elevation 600 m.
Collections: 5463–5464. Collected with M. Chin.
Scrub gallery forest on jasper bedrock.

Pakaraima Mountains; upper Ireng River; W bank adjacent to Ka-wai-kin Creek. 6 July 1994.
04°48′N 60°00′W, elevation 600 m.
Collections: 5465–5472. Collected with M. Chin; L. Williams.
Riverine forest and bank vegetation.

Pakaraima Mountains; upper Ireng River watershed; Kaatnang River, near base of Malakwalai Tipu. 9 July 1994.
04°48′N 60°12′W, elevation 700 m.
Collections: 5473–5526. Collected with M. Chin.
Herb meadows and savanna–forest interface.

Pakaraima Mountains; upper Ireng watershed; E slope of Malakwalai Tipu, 300 m downslope summit. 10 July 1994.
04°48′N 60°17′W, elevation 1,100 m.
Collections: 5527–5545. Collected with M. Chin; L. Williams.
Montane savanna on lateritic soils.

Pakaraima Mountains; upper Ireng watershed; summit forest of Malakwalai Tipu. 11 July 1994.
04°48′N 60°18′W, elevation 1,400 m.
Collections: 5546–5548. Collected with M. Chin; L. Williams.
Low-canopy sclerophyllous scrub forest; adjacent savanna.

Pakaraima Mountains; upper Ireng watershed; E slope of Malakwalai Tipu, downslope from summit. 11 July 1994.
04°48′N 60°16′W, elevation 1,100 m.
Collections: 5549–5561. Collected with M. Chin; L. Williams.
Forest island (25–35 m canopy) on sandstone soils.

Pakaraima Mountains; upper Ireng watershed; Malakwalai Tipu summit along SE escarpment. 13 July 1994.
04°48′N 60°18′W, elevation 1,400 m.
Collections: 5562–5589. Collected with M. Chin; L. Williams.
Montane savanna with exposed sandstone and sclerophyllous scrub on escarpment edge.

Pakaraima Mountains; upper Ireng River watershed; Malakwalai Tipu summit on narrow ridge to SE escarpment. 13 July 1994.
04°48′N 60°18′W, elevation 1,400 m.
Collections: 5590–5618. Collected with M. Chin; L. Williams.
Low, open forest.

Pakaraima Mountains; upper Ireng River watershed; Malakwalai Tipu; eastern escarpment. 14 July 1994.
04°48′N 60°18′W, elevation 1,400 m.
Collections: 5619–5626. Collected with M. Chin; L. Williams.
Slope savanna and cliff scrub.

Pakaraima Mountains; upper Ireng River watershed; Malakwalai Tipu; summit of northeastern escarpment. 15 July 1994.
04°48′N 60°18′W, elevation 1,400 m.
Collections: 5627–5657. Collected with M. Chin.
Montane savanna and cliff scrub on sandstone.

Pakaraima Mountains; upper Ireng River watershed; Malakwalai Tipu; 300 m downslope from NE summit escarpment. 16 July 1994.
04°48′N 60°18′W, elevation 1,100 m.
Collections: 5658–5662. Collected with M. Chin; L. Williams.
Montane savanna.

Pakaraima Mountains; upper Ireng River watershed; Malakwalai Tipu; 400 m downslope from NE escarpment. 16 July 1994.
04°49′N 60°18′W, elevation 1,000 m.
Collections: 5663–5669. Collected with M. Chin.
Brocchinia-dominated seepage bog.

Pakaraima Mountains; upper Ireng River watershed; Malakwalai Tipu; 300 m downslope from NE escarpment. 17 July 1994.
04°48′N 60°18′W, elevation 1,100 m.
Collections: 5670–5676. Collected with M. Chin; L. Williams.
Montane savanna-forest edge.

Pakaraima Mountains; upper Ireng River watershed; Malakwalai Tipu; northeastern summit plateau. 17 July 1994.
04°48′N 60°18′W, elevation 1,400 m.
Collections: 5677–5692. Collected with M. Chin; L. Williams.
Scrub forest and sheetrock savanna on sandstone.

Pakaraima Mountains; upper Ireng River watershed; savanna at eastern base of Malakwalai Tipu. 18 July 1994.
04°48′N 60°16′W, elevation 850 m.
Collections: 5693–5699. Collected with M. Chin; L. Williams.
Upland savanna and sand and claystone.

Pakaraima Mountains; upper Ireng River watershed; E bank Kaatnang River at base of Achiknak. 19 July 1994.
04°59′N 60°08′W, elevation 700 m.
Collections: 5700–5725. Collected with M. Chin.
Mixed-hardwood forest in mesic canyon, dominated by balata (*Manilkara* sp.) on sandstone soils.

Pakaraima Mountains; upper Ireng River watershed; E bank Kaatnang River at base of Achiknak. 20 July 1994.
04°59′N 60°08′W, elevation 750 m.
Collections: 5726–5735. Collected with M. Chin.
Mixed-hardwood forest dominated by balata (*Manilkara* sp.) in mesic canyon; on sandstone soils.

Pakaraima Mountains; upper Ireng watershed; E bank Kaatnang River at base of Achiknak. 20 July 1994.
04°59′N 60°08′W, elevation 750 m.
Collections: 5736–5771. Collected with M. Chin.
Forest/savanna edge on sandstone soils; mixed-hardwood forest dominated by balata (*Manilkara* sp.) in mesic canyon on sandstone soils.

Pakaraima Mountains; upper Ireng watershed; E bank Kaatnang River at base of Achiknak. 21 July 1994.
04°59′N 60°08′W, elevation 800 m.
Collections: 5772–5779. Collected with M. Chin; L. Williams.
Mixed-hardwood forest dominated by balata (*Manilkara* sp.) in mesic canyon, on sandstone soils.

Pakaraima Mountains; upper Ireng watershed; along upper Kaatnang River, W slope of Achiknak. 22 July 1994.
04°59′N 60°06′W, elevation 1,000 m.
Collections: 5780–5815. Collected with M. Chin; L. Williams.
Slope forest on sandstone and creekside savanna.

Pakaraima Mountains; upper Ireng watershed; adjacent to upper Kaatnang River. 23 July 1994.
04°58′N 60°09′W, elevation 800 m.
Collections: 5816–5823. Collected with M. Chin.
Savanna on ironstone hills.

Pakaraima Mountains; upper Ireng watershed; W slope of Achiknak along the Kaatnang River. 22 July 1994.
04°59′N 60°05′W, elevation 1,000 m.
Collections: 5824–5826. Collected with M. Chin.
Middle-elevation montane forest.

Pakaraima Mountains; upper Ireng River. 26 July 1994.
04°48′N 60°02′W, elevation 750 m.
Collections: 5827–5836. Collected with M. Chin; L. Williams.
Riverine forest.

Pakaraima Mountains; upper Ireng River, Orinduik Falls. 28 July 1994.
04°43′00″N 60°01′20″W, elevation 700 m.
Collections: 5837–5849. Collected with M. Chin.
Riverside savanna.

Pakaraima Mountains; upper Ireng River. 29 July 1994.
04°48′N 60°02′W, elevation 750 m.
Collections: 5850–5879. Collected with M. Chin; L. Williams.
Riverine forest and bank vegetation.

TRIP 11: IRENG RIVER–PAKARAIMA MOUNTAINS

COLLECTIONS 5880–6054. 13–23 OCTOBER 1994

Pakaraima Mountains; upper Ireng River, hills 2–3 km E of Cipo settlement. 13 October 1994.
04°48′N 59°59′W, elevation 950 m.

Collections: 5880–5896. Collected with P. Mutchnick; R. Williams.

Montane savanna with creekside gallery forests on ironstone soils. *Brocchinia* seepage bog.

Pakaraima Mountains; upper Ireng River, E bank near Catch-a-cow mouth. 14–17 October 1994.

04°59′N 60°08′W, elevation 900 m.

Collections: 5897–5920.

Riverine forest dominated by *Mora excelsa* and bank vegetation.

Pakaraima Mountains; Sukabi River (tributary of Ireng), 1 km upstream from Ando Falls. 18 October 1994.

05°06′30″N 59°59′W, elevation 800 m.

Collections: 5921–5929. Collected with R. Williams; P. Mutchnick.

Riverine swamp forest on gray sand.

Pakaraima Mountains; Sukabi River (tributary of Ireng), above Ando Falls. 19 October 1994.

05°06′30″N 59°59′W, elevation 800 m.

Collections: 5930–5977. Collected with R. Williams; P. Mutchnick.

Sandstone sheetrock savanna and fringing forest edge.

Pakaraima Mountains; Sukabi River (tributary of Ireng), above Ando Falls. 20 October 1994.

05°06′30″N 59°59′00″W, elevation 800 m.

Collections: 5978–6005. Collected with R. Williams; P. Mutchnick.

Sheetrock savanna and Clusiaceae fringing forest; sand soils.

Pakaraima Mountains; upper Ireng watershed; Sukabi River, 1–2 km upstream from Ando Falls. 21 October 1994.

05°07′N 59°58′W, elevation 800 m.

Collections: 6006–6015. Collected with R. Williams; P. Mutchnick.

Riverine forest and bank vegetation.

Pakaraima Mountains; upper Ireng River; 0–300 m upstream from Kurutuik Falls. 22 October 1994.

05°05′N 59°59′W, elevation 800 m.

Collections: 6016–6029. Collected with R. Williams; P. Mutchnick.

Riverside savanna and fringing forest.

Pakaraima Mountains; upper Ireng River; 1–2 km upstream from Kurutuik Falls. 23 October 1994.

05°05′N 60°00′W, elevation 800 m.

Collections: 6030–6054. Collected with R. Williams.

Riverine forest of *Dicymbe, Eperua, Inga*, and bank vegetation.

TRIP 12: SOUTH RUPUNUNI DISTRICT

Additional Collecting Expeditions Conducted by Regis James

COLLECTIONS 3471–3995. NOVEMBER 1993 TO AUGUST 1994

South Rupununi savanna; Marudi line 10 km S of Aishalton. 13 November 1993.

02°25′N 59°15′W, elevation 200 m.

Collections: 3471–3475. Collected with R. James.

Dry forest island.

South Rupununi savanna; Boidkorodai Mountain; 7 km SW of Aishalton. 18 November 1993.

02°25′N 59°20′W, elevation 220 m.

Collections: 3476–3480. Collected with R. James.

Dry slope forest.

South Rupununi savanna; forest edge (bush mouth = *wirimnarwau*); 15 km S–SE from Aishalton. 19 November 1993.

02°20′N 59°10′W, elevation 200 m.

Collections: 3481–3489. Collected with R. James.

Gallery forest on brown sand.

South Rupununi savanna; 18 S of Aishalton at "Machaitondana" area. 20 November 1993.

02°20′N 59°22′W, elevation 250 m.

Collections: 3490–3507. Collected with R. James.

Medium-canopy forest on brown loam.

South Rupununi savanna; Kidekperdana Creek, 8 km SE of Aishalton. 26 November 1993.

02°25′N 59°10′W, elevation 200 m.

Collections: 3508–3529. Collected with R. James.

Low riverine forest and adjacent slopes.

South Rupununi savanna; "Atorin" area 12 km S of Aishalton along Marudi road. 11 December 1993.

02°25′N 59°13′W, elevation 250 m.

Collections: 3530–3538. Collected with R. James.

Tall, moist forest on red laterites.

South Rupununi savanna; Ikirap Creek along Marudi road. 23 December 1993.

02°25′N 59°15′W, elevation 250 m.

Collections: 3539–3576. Collected with R. James.

Tall, moist forest on red laterite.

South Rupununi savanna; Durwodtau, 10 km S of Aishalton on Marudi road, near Koniar Creek. 3 January 1994.

02°25′N 59°15′W, elevation 300 m.

Collections: 3577–3593. Collected with R. James.

Hill forest, rocky outcrops.

South Rupununi savanna; Ikirap Creek 15 km S of Aishalton on Marudi road. 4 January 1994.
02°25′N 59°15′W, elevation 250 m.
Collections: 3594–3620. Collected with R. James.
Moist forest on red clay.

Maridwautau Mountain, S of Aishalton. 1 January 1994.
02°25′N 59°20′W, elevation 300 m.
Collections: 3621–3631. Collected with R. James.
Dry slope forest on rocky soils.

Near base of Maridwautau Mountain. 1 January 1994.
02°25′N 59°20′W, elevation 300 m.
Collections: 3632–3647. Collected with R. James.
Open savanna and creekside forest.

Bakparwau Creek, E of Maridwautau Mountain. 1 January 1994.
02°25′N 59°20′W, elevation 300 m.
Collections: 3648–3655. Collected with R. James.

South Rupununi savanna; Katambar Mountain, SE of Aishalton. 17 January 1994.
02°26′N 59°08′W, elevation 200 m.
Collections: 3656–3671. Collected with R. James.
Creek gallery forest.

South Rupununi savanna; Kobawaizwarum 12 km NW of Aishalton. 2 February 1994.
02°35′N 59°22′W, elevation 200 m.
Collections: 3672–3693. Collected with R. James.
Creek gallery forest.

South Rupununi savanna; Bakparwau Creek, SE of Aishalton; Kobawaizwarum 12 km NW of Aishalton. 7 February 1994.
02°20′N 59°15′W, elevation 250 m.
Collections: 3694–3712. Collected with R. James.
Creekside forest.

South Rupununi savanna; Ororkar bush, SE of Aishalton. 8 February 1994.
02°25′N 59°10′W, elevation 250 m.
Collections: 3713–3731. Collected with R. James.
Riverine forest and creek bank.

South Rupununi savanna; Keridwau Creek. 12 February 1994.
02°30′N 59°18′W, elevation 200 m.
Collections: 3732–3745. Collected with R. James.
Ité palm swamp.

South Rupununi savanna; Toot River, 40 km SE Aishalton village along Marudi road. 26 April 1994.
02°15′N 59°10′W, elevation 250 m.
Collections: 3746–3784. Collected with R. James.
Tall mesic forest.

South Rupununi savanna; Toot River, 25 km SE of Aishalton village. 27 April 1994.
02°12′N 59°10′W, elevation 250 m.
Collections: 3785–3826. Collected with R. James.
Tall mesic forest.

South Rupununi savanna; Keidik perdana area, 7–8 km SE of Aishalton. 16 May 1994.
02°30′N 59°15′W, elevation 250 m.
Collections: 3827–3828. Collected with R. James.
Forest savanna edge.

South Rupununi savanna; Komirwana Tau area, 4 km SE of Aishalton. 16 May 1994.
02°30′N 59°15′W, elevation 250 m.
Collections: 3829–3840. Collected with R. James.
Open savanna.

South Rupununi savanna; Komirwana Tau area, 4 km SE of Aishalton. 22 May 1994.
02°30′N 59°15′W, elevation 250 m.
Collections: 3841–3853. Collected with R. James.
Open savanna.

South Rupununi savanna; Torriz area SE of Aishalton. 13 June 1994.
02°30′N 59°17′W, elevation 200 m.
Collections: 3854–3875. Collected with R. James.
Open savanna with mesic depressions.

South Rupununi savanna; Rocky Creek 4 km S of Aishalton along Marudi line. 26 July 1994.
02°27′N 59°18′W, elevation 250 m.
Collections: 3876–3939. Collected with R. James.
Tall mesic forest.

South Rupununi savanna; base of Makatau Mountain, S of Aishalton. 30 July 1994.
02°30′N 59°20′W, elevation 300 m.
Collections: 3940–3960. Collected with R. James.
Upland savanna.

South Rupununi savanna; Aishalton village. 3 August 1994.
02°31′N 59°20′W, elevation 200 m.
Collections: 3961–3991. Collected with R. James.
Ité palm swamp.

South Rupununi savanna; Rocky Creek 4 km SE of Aishalton. 26 July 1994.
02°20′N 59°16′W, elevation 200 m.
Collections: 3992–3995. Collected with R. James.
Tall mesic forest.

III. Collections by Number

1. Cyperaceae: *Didymiandrum stellatum* (Boeckeler) Gilly
2. Dicranaceae: *Campylopus cubensis* Sull.
3. Hymenophyllaceae: *Trichomanes roraimense* Jenman
4. Leucobryaceae: *Leucobryum crispum* Müll. Hal.
5. Polyporaceae: Indet. sp.
6. Cladoniaceae: *Cladonia peltastica* (Nyl.) Müll. Arg.
7. Parmeliaceae: *Parmotrema cristiferum* (Taylor) Hale
8. Cladoniaceae: *Cladina sprucei* (Ahti) Ahti
9. Cladoniaceae: *Cladina crassiuscula* Ahti
10. Dennstaedtiaceae: *Lindsaea stricta* var. *jamesoniiformis* K. U. Kramer
11. Cladoniaceae: *Cladonia subradiata* (Vain.) Sandst.
12. Lichen: *Cliodecton* sp.
13. Thelotremataceae: *Myriotrema myrioporoides* (Müll. Arg.) Hale
14. Rubiaceae: *Psychotria capitata* Ruiz & Pav.
15. Cyperaceae: *Rhynchospora holoschoenoides* (Rich.) Herter
16. Cyperaceae: *Bulbostylis lanata* (Kunth) Lindm.
17. Orchidaceae: *Cyrtopodium parviflorum* Lindl.
18. Orchidaceae: *Koellensteinia eburnea* (Barb. Rodr.) Schltr.
19. Lycopodiaceae: *Lycopodiella camporum* B. Øllg. & P. G. Windisch
20. Poaceae: *Paspalum lanciflorum* Trin.
21. Rubiaceae: *Psychotria hemicephaelis* Wernham
22. Gentianaceae: *Tachia schomburgkiana* Benth.
23. Melastomataceae: *Miconia marginata* Triana
24. Rubiaceae: *Psychotria psittacina* Steyerm.
25. Boraginaceae: *Cordia bicolor* A. DC.
26. Solanaceae: *Solanum crinitum* Lam.
27. Xyridaceae: *Xyris involucrata* Nees
28. Cyperaceae: *Lagenocarpus rigidus* ssp. *tremulus* (Nees) T. Koyama & Maguire
29. Cyperaceae: *Bulbostylis junciformis* (Kunth) C. B. Clarke
30. Poaceae: *Echinolaena inflexa* (Poir.) Chase
31. Poaceae: *Aristida torta* (Nees) Kunth
32. Ixonanthaceae: *Ochthocosmus longipedicellatus* Steyerm. & Luteyn
33. Malpighiaceae: *Tetrapterys pusilla* Steyerm.
34. Lycopodiaceae: *Lycopodiella caroliniana* var. *meridionalis* (Underw. & F. E. Lloyd) B. Øllg. & P. G. Windisch

35a. Chrysobalanaceae: Indet. sp.

35b. Sapotaceae: Indet. sp.

36. Sapotaceae: *Elaeoluma schomburgkiana* (Miq.) Baill.
37. Icacinaceae: *Emmotum conjunctum* R. A. Howard
38. Ochnaceae: *Ouratea cernuiflora* Sandwith
39. Bignoniaceae: *Digomphia laurifolia* Benth.
40. Lentibulariaceae: *Utricularia juncea* Vahl
41. Polygalaceae: *Polygala appressa* Benth.
42. Loranthaceae: *Phthirusa rufa* (Mart.) Eichler
43. Malpighiaceae: *Heteropterys maguirei* W. R. Anderson
44. Anacardiaceae: *Anacardium fruticosum* J. D. Mitch. & S. A. Mori
45. Myrtaceae: *Eugenia punicifolia* (H.B.K.) DC.
46. Loranthaceae: *Phoradendron strongyloclados* Eichler
47. Trigoniaceae: *Trigonia subcymosa* Benth.
48. Loranthaceae: *Phoradendron crassifolium* (Pohl ex DC.) Eichler
49. Clusiaceae: *Clusia columnaris* Engl.
50. Gentianaceae: *Irlbachia caerulescens* (Aubl.) Griseb.
51. Melastomataceae: *Meriania urceolata* Triana
52. Euphorbiaceae: *Micrandra glabra* (R. E. Schult.) R. E. Schult.

52a. Bromeliaceae: *Brocchinia reducta* Baker

53. Elaeocarpaceae: *Sloanea crassifolia* Earle Sm.
54. Rubiaceae: *Retiniphyllum guianense* Steyerm.
55. Rubiaceae: *Psychotria aligera* Steyerm.
56. Rubiaceae: *Psychotria ayangannensis* Steyerm.
57. Melastomataceae: *Tococa aristata* Benth.
58. Melastomataceae: *Tococa erythrophylla* (Ule) Wurdack
59. Loranthaceae: *Phoradendron inaequidentatum* Rusby
60. Bromeliaceae: *Tillandsia spiculosa* var. *stenoglossa* (L. B. Sm.) Gouda
61. Malpighiaceae: *Byrsonima tillettii* W. R. Anderson
62. Lentibulariaceae: *Utricularia quelchii* N. E. Br.
63. Orchidaceae: *Cleistes parviflora* Lindl.
64. Ochnaceae: *Sauvagesia longipes* Steyerm.
65. Dennstaedtiaceae: *Lindsaea tenuis* Klotzsch
66. Dennstaedtiaceae: *Lindsaea portoricensis* Desv.
67. Pallaviciniaceae: Indet. sp.
68. Leucobryaceae: *Holomitriopsis laevifolia* (Broth.) H. Rob.
69. Ascomycete: *Nectria* sp.
70. Lycopodiaceae: Indet. sp.
71. Pallaviciniaceae: Indet. sp.
72. Herbertaceae: *Herbertus* sp.

73a. Hookeriaceae: *Lepidopilum purpurascens* Besch.

73b. Cephaloziaceae: *Alobiella* sp.

73c. Callicostaceae: *Hypnella diversifolia* (Mitt.) A. Jaeger

73d. Plagiochilaceae: *Plagiochila* sp.

74. Selaginellaceae: *Selaginella amazonica* Spring
75. Cephaloziaceae: *Alobiella* sp.
76. Melastomataceae: *Macrocentrum fasciculatum* (Rich. ex DC.) Triana
77. Gleicheniaceae: *Sticherus hypoleucus* (Sodiro) Copel.
78. Cyatheaceae: *Cyathea macrosora* (Baker) Domin var. *macrosora*
79. Hymenophyllaceae: *Trichomanes arbuscula* Desv.
80. Hymenophyllaceae: *Trichomanes roraimense* Jenman

80a. Orchidaceae: *Epidendrum durum* Lindl.

81. Scrophulariaceae: *Vellosiella spathacea* (Oliv.) Melch.
82. Melastomataceae: *Miconia radulaefolia* (Benth.) Naudin
83. Malpighiaceae: *Tetrapterys rhodopteron* Oliv.
84. Asclepiadaceae: *Matelea funkiana* Morillo
85. Ochnaceae: *Adenanthe ciliata* Sastre
86. Loranthaceae: *Dendrophthora elliptica* (Gardner) Krug & Urb.
87. Melastomataceae: *Miconia acutifolia* Ule
88. Cyperaceae: *Rhynchospora ayangannensis* M. T. Strong
89. Blechnaceae: *Salpichlaena volubilis* (Kaulf.) J. Sm.
90. Frullanaceae: *Frullania* sp.
91. Dicranaceae: *Eucamptodontopsis tortuosa* H. Rob.
92. Orthotrichaceae: *Macromitrium fusco-aureum* E. B. Bartram
93. Lycopodiaceae: *Lycopodiella cernua* var. *curvata* (Sw.) Kartesz & Gandhi
94. Lentibulariaceae: Indet. sp.
95. Compositae: *Mikania duidensis* B. L. Rob.
96. Euphorbiaceae: *Phyllanthus majus* Steyerm.
97. Cyatheaceae: *Cyathea* sp.
98. Rapateaceae: Indet. sp.
99. Araliaceae: Indet. sp.
100. Araceae: *Stenospermation maguirei* A. M. E. Jonker & Jonker
101. Liliaceae: *Harperocallis schomburgkiana* (Oliv.) Campbell & Dorr
102. Loranthaceae: *Phthirusa stelis* (L.) Kuijt
103. Dioscoreaceae: *Dioscorea* sp.
104. Bromeliaceae: *Lindmania guianensis* (Beer) Mez
105. Gleicheniaceae: *Sticherus tepuiensis* A. R. Sm.
106. Gleicheniaceae: *Sticherus nervatus* J. Gonzales
107. Campanulaceae: *Centropogon cornutus* (L.) Druce
108. Selaginellaceae: *Selaginella amazonica* Spring
109. Hedwigiaceae: *Rhacocarpus purpurascens* Paris

110a. Bartramiaceae: *Philonotis uncinata* (Schwaegr.) Brid.

110b. Bryaceae: *Bryum apiculatum* Schwaegr.

110c. Funariaceae: *Funaria hygrometrica* var. *calvescens* (Schwaegr.) Mont.

111. Dennstaedtiaceae: *Lindsaea stricta* var. *jamesoniiformis* K. U. Kramer
112. Adiantaceae: *Eriosorus hispidulus* var. *hispidulus* (Kunze) Vareschi
113. Blechnaceae: *Blechnum proliferum* Rosenst.
114. Orthotrichaceae: *Macromitrium ulophyllum* Mitt.
115. Cyperaceae: *Rhynchospora roraimae* Kük.
116. Liliaceae: *Nietneria corymbosa* Klotzsch & M. R. Schomb. ex B. D. Jacks.

117a. Dicranaceae: *Campylopus richardii* Brid.

117b. Lepidoziaceae: *Bazzania* sp.

118. Lepidoziaceae: *Bazzania* sp.

119. Dicranaceae: *Campylopus richardii* Brid.
120. Pallaviciniaceae: Indet. sp.
121. Lycopodiaceae: *Lycopodiella duidae* (A. C. Sm.) B. Øllg.
122. Bonnetiaceae: *Bonnetia tepuiensis* Kobuski & Steyerm.
123. Malpighiaceae: *Byrsonima* sp.
124. Melastomataceae: *Miconia acutifolia* Ule
125. Melastomataceae: *Tococa subciliata* (DC.) Triana
126. Araliaceae: *Schefflera* sp.
127. Xyridaceae: *Xyris albescens* Steyerm.
128. Compositae: *Mikania boomii* Pruski
129. Droseraceae: *Drosera roraimae* (Klotzsch ex Diels) Maguire & J. R. Laundon
130. Rubiaceae: *Psychotria speluncae* Standl. & Steyerm.
131. Orchidaceae: *Octomeria* sp.
132. Orchidaceae: *Epidendrum dendrobioides* Thunb.
133. Orchidaceae: *Epidendrum dendrobioides* Thunb.
134. Myrsinaceae: *Cybianthus crotonoides* (M. R. Schomb. ex Mez) G. Agostini
135. Ericaceae: *Satyria carnosiflora* Lanj.
136. Bromeliaceae: *Brocchinia hechtioides* Mez
137. Lentibulariaceae: *Utricularia humboldtii* R. H. Schomb.
138. Cyperaceae: *Machaerina ayangannensis* M. T. Strong
139. Eriocaulaceae: *Paepalanthus* sp.
140. Clusiaceae: *Clusia crassifolia* Planch. & Triana
141. Myrtaceae: *Myrcia albidotomentosa* (Amshoff) McVaugh
142. Lamiaceae: *Aegiphila roraimensis* Moldenke
143. Sapotaceae: *Pouteria rigida* ssp. *tomentosa* (Aubrév.) T. D. Penn.
144. Rubiaceae: *Ixora intropilosa* Steyerm.
145. Malpighiaceae: *Byrsonima carraoana* Steyerm.
146. Melastomataceae: *Clidemia heptamera* Wurdack
147. Melastomataceae: *Boyania ayangannae* Wurdack
148. Melastomataceae: *Clidemia buntingii* Wurdack
149. Lichen: Indet. sp.
150. Orchidaceae: *Selenipedium steyermarkii* Foldats
151. Xylariaceae: Indet. sp.
152. Begoniaceae: *Begonia jenmanii* Tutin
153. Gnetaceae: *Gnetum nodiflorum* Brongn.
154. Rubiaceae: *Sipanea wilson-brownei* R. S. Cowan
155. Lomariopsidaceae: *Bolbitis nicotianifolia* (Sw.) Alston
156. Lomariopsidaceae: *Elaphoglossum crinitum* (L.) Christ
157. Hymenophyllaceae: Indet. sp.
158. Polypodiaceae: *Polypodium loriceum* L.
159. Aspleniaceae: *Asplenium serra* Langsd. & Fisch.
160. Hymenophyllaceae: *Trichomanes trollii* Bergdolt
161. Hymenophyllaceae: *Trichomanes elegans* Rich.
162. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
163. Orchidaceae: *Pleurothallis ruscifolia* (Jacq.) R. Br.
164. Gesneriaceae: *Tylopsacas cuneata* (Gleason) Leeuwenb.
165. Piperaceae: *Piper perstipulare* Steyerm.
166. Melastomataceae: *Leandra sanguinea* ssp. *sanguinea* Gleason
167. Melastomataceae: *Macrocentrum fasciculatum* (Rich. ex DC.) Triana
168. Campanulaceae: *Centropogon cornutus* (L.) Druce
169. Gesneriaceae: *Napeanthus rupicola* Feuillet & L. E. Skog
170. Pallaviciniaceae: Indet. sp.
171. Melastomataceae: *Clidemia stellipilis* (Gleason) Wurdack
172. Polyporaceae: Indet. sp.
173. Lichen: Indet. sp.
174. Ascomycete: Indet. sp.
175. Polyporaceae: Indet. sp.
176. Clavariaceae: Indet. sp.
177. Tectariaceae: *Tectaria plantaginea* var. *macrocarpa* (Fée) C. V. Morton
178. Melastomataceae: *Miconia bracteata* (DC.) Triana
179. Melastomataceae: *Clidemia conglomerata* DC.
180. Boraginaceae: *Cordia nodosa* Lam.
181. Melastomataceae: *Leandra purpurea* Gleason
182. Heliconiaceae: Indet. sp.
183. Rubiaceae: *Psychotria bostrychothyrsus* Sandwith
184. Nyctaginaceae: *Neea* sp.
185. Rubiaceae: *Psychotria potaroensis* (Sandwith) Steyerm.
186. Gesneriaceae: *Lesia savannarum* (C. V. Morton) J. L. Clark & J. F. Sm.
187. Rubiaceae: *Psychotria urniformis* Steyerm.
188. Araceae: *Dieffenbachia seguine* (Jacq.) Schott
189. Cyclanthaceae: *Dicranopygium angustissimum* (Sandwith) Harling
190. Arecaceae: *Geonoma interrupta* var. *euspatha* (Burret) A. J. Hend.
191. Rubiaceae: *Faramea quinqueflora* Poepp. & Endl.
192. Araceae: *Anthurium roraimense* N. E. Br.
193. Xylariaceae: *Xylaria* sp.
194. Polyporaceae: Indet. sp.
195. Tremellaceae: Indet. sp.
196. Polyporaceae: Indet. sp.
197. Xylariaceae: *Daldinia* sp.
198. Pallaviciniaceae: Indet. sp.
199. Polyporaceae: Indet. sp.
200. Polyporaceae: *Laetiporus sulphureus* (Bull.) Singer
201. Grammitidaceae: *Lellingeria subsessilis* (Baker) A. R. Sm. & R. C. Moran
202. Hymenophyllaceae: *Trichomanes pedicellatum* Desv.
203. Rubiaceae: *Psychotria mazaruniensis* Standl.
204. Podoscyphaceae: *Aquascypha hydrophora* (Berk.) Reid
205. Boletaceae: *Tylopilus* sp.
206. Boletaceae: *Xerocomus* sp.
207. Tricholomataceae: *Resupinatus* sp.
208. Boletaceae: *Tylopilus* sp.

209. Melastomataceae: *Maieta poeppigii* Mart. ex Cogn.
210. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.
211. Melastomataceae: *Miconia marginata* Triana
212. Rubiaceae: *Psychotria mapourioides* DC.
213. Marantaceae: *Monotagma spicatum* (Aubl.) J. F. Macbr.
214. Lentibulariaceae: Indet. sp.
215. Compositae: *Emilia fosbergii* Nicolson
216. Scrophulariaceae: *Lindernia crustacea* (L.) F. Muell.
217. Rubiaceae: *Sipanea galioides* Wernham
218. Lamiaceae: *Hyptis* sp.
219. Poaceae: *Sporobolus cubensis* Hitchc.
220. Poaceae: *Leptocoryphium lanatum* (Kunth) Nees
221. Poaceae: *Andropogon leucostachyus* Kunth
222. Cyperaceae: *Scleria distans* Poir.
223. Melastomataceae: *Miconia rubiginosa* (Bonpl.) DC.
224. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
225. Compositae: *Clibadium armani* (Balb.) Sch. Bip. ex O. E. Schulz
226. Compositae: *Lepidaploa bolivarensis* (V. M. Badillo) H. Rob.
227. Melastomataceae: *Clidemia rubra* (Aubl.) Mart.
228. Melastomataceae: *Macairea lasiophylla* (Benth.) Wurdack
229. Rubiaceae: *Perama hirsuta* Aubl.
230. Clusiaceae: *Clusia pusilla* Steyerm.
231. Orchidaceae: *Koellensteinia* sp.
232. Melastomataceae: *Pterolepis glomerata* (Rottb.) Miq.
233. Piperaceae: *Piper aduncum* L.
234. Fabaceae: *Inga thibaudiana* DC.
235. Orchidaceae: *Cyrtopodium parviflorum* Lindl.
236. Bonnetiaceae: *Bonnetia sessilis* Benth.
237. Rubiaceae: *Psychotria cardiomorpha* C. M. Taylor & A. Pool
238. Gentianaceae: *Irlbachia alata* ssp. *angustifolia* (Kunth) J. G. M. Pers. & Maas
239. Bromeliaceae: *Brocchinia reducta* Baker
240. Compositae: *Stomatochaeta condensata* (Baker) Maguire & Wurdack
241. Gentianaceae: *Voyria aphylla* (Jacq.) Pers.
242. Hymenophyllaceae: *Hymenophyllum decurrens* (Jacq.) Sw.
243. Hymenophyllaceae: *Hymenophyllum fendlerianum* J. W. Sturm
244. Hymenophyllaceae: *Hymenophyllum trichomanoides* Bosch
245. Hymenophyllaceae: *Trichomanes egleri* P. G. Windisch
246. Hymenophyllaceae: *Hymenophyllum elegans* Spreng.
247. Hymenophyllaceae: *Trichomanes arbuscula* Desv.
248. Hymenophyllaceae: *Trichomanes crispum* L.
248a. Hymenophyllaceae: *Trichomanes anomalum* Maxon & C. V. Morton
249. Clavariaceae: Indet. sp.
250. Bromeliaceae: *Catopsis berteroniana* (Schult. & Schult. f.) Mez
251. Chrysobalanaceae: *Hirtella bullata* Benth.
252. Basidiomycete: Indet. sp.
253. Ganodermataceae: *Ganoderma orbiformis* Fr.
254. Sematophyllaceae: *Acroporium pungens* (Hedw.) Broth.
255. Lepidoziaceae: *Micropterygium* sp.
256. Pallaviciniaceae: Indet. sp.
257. Leucobryaceae: *Octoblepharum cocuiense* Mitt.
258. Pallaviciniaceae: Indet. sp.
259. Dicranaceae: *Campylopus* sp.
260. Lepidoziaceae: *Bazzania* sp.
261. Leucobryaceae: *Leucobryum crispum* Müll. Hal.
262. Indet.: Indet. sp.
263. Indet.: Indet. sp.
264. Indet.: Indet. sp.
265. Lichen: Indet. sp.
266. Humiriaceae: *Humiria balsamifera* var. *floribunda* (Mart.) Cuatrec.
267. Lichen: Indet. sp.
268. Fabaceae: *Ormosia costulata* (Miq.) Kleinhoonte
269. Cyperaceae: *Bulbostylis junciformis* (Kunth) C. B. Clarke
270. Rubiaceae: *Pagamea capitata* Benth.
271. Ericaceae: *Thibaudia nutans* Klotzsch ex Mansf.
272. Tiliaceae: Indet. sp.
273. Poaceae: *Axonopus anceps* (Mez) Hitchc.
274. Poaceae: *Panicum pycnoclados* Tutin
275. Dilleniaceae: *Doliocarpus savannarum* Sandwith
276. Orchidaceae: *Epistephium subrepens* Hoehne
277. Ericaceae: *Vaccinium puberulum* Klotzsch ex Meisn.
278. Ericaceae: *Notopora schomburgkii* Hook. f.
280. Myristicaceae: Indet. sp.
281. Gentianaceae: *Chelonanthus grandiflorus* (Aubl.) Chodat & Hassl.
282. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.
283. Apocynaceae: *Bonafousia undulata* (Vahl) A. DC.
284. Rubiaceae: *Psychotria apoda* Steyerm.
285. Melastomataceae: *Miconia ceramicarpa* (DC.) Cogn.
286. Poaceae: *Pariana radiciflora* Sagot ex Döll
287. Melastomataceae: *Aciotis fragilis* (Rich. ex DC.) Cogn.
288. Apocynaceae: *Bonafousia undulata* (Vahl) A. DC.
289. Lacistemataceae: *Lacistema aggregatum* (P. J. Bergius) Rusby
290. Annonaceae: *Unonopsis glaucopetala* R. E. Fr.
291. Costaceae: *Costus scaber* Ruiz & Pav.
292. Araceae: *Philodendron fragrantissimum* Kunth
293. Smilacaceae: *Smilax schomburgkiana* Kunth
294. Araceae: *Urospatha sagittifolia* (Rudge) Schott
295. Tectariaceae: *Triplophyllum funestum* var. *funestum* (Kunze) Holttum
296. Adiantaceae: *Pityrogramma calomelanos* (L.) Link

297. Adiantaceae: *Adiantum argutum* Splitg.
298. Polyporaceae: Indet. sp.
299. Polyporaceae: Indet. sp.
300. Polyporaceae: Indet. sp.
301. Polyporaceae: Indet. sp.
302. Polyporaceae: Indet. sp.
303. Xylariaceae: Indet. sp.
304. Xylariaceae: Indet. sp.
305. Agaricaceae: *Lepiota* sp.
306. Basidiomycete: Indet. sp.
307. Tricholomataceae: *Marasmius* sp.
308. Myxomycete: Indet. sp.
309. Nidulariales: Indet. sp.
310a. Plagiochilaceae: *Plagiochila* sp.
310b. Plagiochilaceae: *Plagiochila* sp.
310c. Leucobryaceae: *Leucophanes mittenii* Cardot
311. Hygrophoraceae: Indet. sp.
312. Annonaceae: *Duguetia yeshidan* Sandwith
313. Rubiaceae: *Psychotria racemosa* Rich.
314. Cyperaceae: *Calyptrocarya glomerulata* (Brongn.) Urb.
315. Melastomataceae: *Clidemia conglomerata* DC.
316. Marcgraviaceae: *Souroubea guianensis* Aubl.
317. Bignoniaceae: *Schlegelia violacea* (Aubl.) Griseb.
318. Clusiaceae: *Tovomita* sp.
319. Piperaceae: *Piper baccans* (Miq.) C. DC.
320. Boraginaceae: *Cordia nodosa* Lam.
321. Fabaceae: *Eperua falcata* Aubl.
322. Fabaceae: *Brownea coccinea* Jacq.
323. Piperaceae: *Peperomia* sp.
324. Cyclanthaceae: *Evodianthus funifer* (Poit.) Lindm.
325. Marantaceae: *Monotagma spicatum* (Aubl.) J. F. Macbr.
326. Gentianaceae: *Voyria aphylla* (Jacq.) Pers.
327. Annonaceae: *Anaxagorea dolichocarpa* Sprague & Sandwith
328. Gentianaceae: *Voyria corymbosa* Splitg.
329. Dryopteridaceae: *Cyclodium meniscioides* var. *meniscioides* (Willd.) C. Presl
330. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
331. Cyatheaceae: *Cyathea surinamensis* (Miq.) Domin
332. Apocynaceae: *Odontadenia puncticulosa* (Rich.) Pulle
333. Apocynaceae: *Odontadenia verrucosa* (Willd. ex Roem. & Schult.) K. Schum. ex Markgr.
334. Melastomataceae: *Meriania urceolata* Triana
335. Rubiaceae: *Sipanea pratensis* Aubl.
336. Fabaceae: *Pentaclethra macroloba* (Willd.) Kuntze
337. Bignoniaceae: *Distictella magnoliifolia* (Kunth) Sandwith
338. Convolvulaceae: *Maripa scandens* Aubl.
339. Fabaceae: *Machaerium quinatum* (Aubl.) Sandwith
340. Melastomataceae: *Henriettea multiflora* Naudin
341. Fabaceae: *Macrolobium bifolium* (Aubl.) Pers.
342. Burseraceae: *Protium decandrum* (Aubl.) Marchand
343. Fabaceae: *Machaerium ferox* (Mart. ex Benth.) Ducke
344. Loranthaceae: *Phthirusa stelis* (L.) Kuijt
345. Menispermaceae: *Orthomene schomburgkii* (Miers) Barneby & Krukoff
346. Rhizophoraceae: *Cassipourea guianensis* Aubl.
347. Cecropiaceae: *Coussapoa microcephala* Trécul
348. Bignoniaceae: *Schlegelia violacea* (Aubl.) Griseb.
349. Anacardiaceae: *Tapirira obtusa* (Benth.) J. D. Mitch.
350. Apocynaceae: *Allamanda cathartica* L.
351. Verbenaceae: *Petrea bracteata* Steud.
352. Clusiaceae: *Clusia cuneata* Benth.
353. Melastomataceae: *Aciotis laxa* var. D (DC.) Cogn.
354. Ochnaceae: *Sauvagesia elata* Benth.
355. Lecythidaceae: *Lecythis zabucajo* Aubl.
356. Amaryllidaceae: *Crinum erubescens* Aiton
357. Gesneriaceae: *Codonanthe crassifolia* (H. Focke) C. V. Morton
358. Chrysobalanaceae: *Hirtella paniculata* Sw.
359. Fabaceae: *Inga heterophylla* Willd.
360. Marcgraviaceae: *Souroubea guianensis* Aubl.
361. Sapindaceae: *Toulicia guianensis* Aubl.
362. Sapotaceae: *Micropholis venulosa* (Mart. & Eichler ex Miq.) Pierre
363. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
364. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
365. Sapotaceae: *Chrysophyllum argenteum* ssp. *auratum* (Miq.) T. D. Penn.
366a. Marcgraviaceae: *Marcgravia purpurea* I. W. Bailey
366b. Annonaceae: Indet. sp.
367. Myristicaceae: *Virola surinamensis* (Rol.) Warb.
368. Indet.: Indet. sp.
369. Combretaceae: *Combretum cacoucia* Exell
370. Clusiaceae: *Symphonia globulifera* L. f.
371. Fabaceae: *Senna quinquangulata* (Rich.) H. S. Irwin & Barneby
372. Schizaeaceae: *Lygodium volubile* Sw.
373. Bignoniaceae: *Schlegelia violacea* (Aubl.) Griseb.
374. Elaeocarpaceae: *Sloanea* sp.
375. Malpighiaceae: *Banisteriopsis martiniana* var. *martiniana* (A. Juss.) Cuatrec.
376. Bignoniaceae: *Adenocalymna inundatum* Mart. ex DC.
377. Fabaceae: *Inga heterophylla* Willd.
378. Fabaceae: *Machaerium quinatum* (Aubl.) Sandwith
379. Rubiaceae: *Posoqueria latifolia* (Rudge) Roem. & Schult.
380. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
381. Melastomataceae: *Miconia mirabilis* (Aubl.) L. O. Williams
382. Araceae: *Montrichardia arborescens* (L.) Schott
383. Burseraceae: *Protium decandrum* (Aubl.) Marchand

384. Indet.: Indet. sp.
385. Bignoniaceae: *Distictella magnoliifolia* (Kunth) Sandwith
386. Sapindaceae: *Cupania scrobiculata* var. *guianensis* (Miq.) Uitt.
387. Violaceae: *Rinorea pubiflora* var. *grandifolia* (Eichler) Hekking
388. Fabaceae: *Eperua schomburgkiana* Benth.
389. Rubiaceae: *Posoqueria panamensis* (Walp. & Duchass.) Walp.
390. Orchidaceae: *Dimerandra elegans* (Focke) Siegerist
391. Orchidaceae: *Prosthechea aemula* (Lindl.) W. E. Higgins
392. Orchidaceae: *Pleurothallis picta* Lindl.
393. Compositae: *Rolandra fruticosa* (L.) Kuntze
394. Compositae: *Calea caleoides* (DC.) H. Rob.
395. Polypodiaceae: *Campyloneurum phyllitidis* (L.) C. Presl
396. Melastomataceae: *Miconia racemosa* (Aubl.) DC.
397. Lauraceae: *Ocotea cernua* (Nees) Mez
398. Hypoxidaceae: *Xiphidium caeruleum* Aubl.
399. Commelinaceae: *Commelina rufipes* var. *glabrata* (D. R. Hunt) Faden & D. R. Hunt
400. Rubiaceae: *Coffea liberica* Hiern
401. Davalliaceae: *Nephrolepis rivularis* (Vahl) Mett. ex Krug
402. Apocynaceae: *Tabernaemontana undulata* Vahl
403. Fabaceae: *Vigna luteola* (Jacq.) Benth.
404. Poaceae: *Ichnanthus pallens* (Sw.) Munro ex Benth.
405. Meliaceae: *Trichilia rubra* C. DC.
406. Orchidaceae: *Maxillaria camaridii* Rchb. f.
407. Polypodiaceae: *Microgramma reptans* (Cav.) A. R. Sm.
408. Moraceae: *Ficus paraensis* (Miq.) Miq.
409. Orchidaceae: *Brassia chloroleuca* Barb. Rodr.
410. Xylariaceae: Indet. sp.
411. Melastomataceae: *Clidemia hirta* var. *hirta* (L.) D. Don
412. Araceae: *Monstera adansonii* Schott
413. Cyclanthaceae: *Evodianthus funifer* (Poit.) Lindm.
414. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
415. Fabaceae: *Senna quinquangulata* (Rich.) H. S. Irwin & Barneby
416. Marantaceae: *Monotagma spicatum* (Aubl.) J. F. Macbr.
417. Marantaceae: *Calathea cyclophora* Baker
418. Piperaceae: *Piper alatabaccum* Trel. & Yunck.
419. Poaceae: *Ichnanthus panicoides* P. Beauv.
420. Lacistemataceae: *Lacistema aggregatum* (P. J. Bergius) Rusby
421. Annonaceae: *Guatteria punctata* (Aubl.) R. A. Howard
422. Myrtaceae: *Eugenia patrisii* Vahl
423. Melastomataceae: *Leandra divaricata* (Naudin) Cogn.
424. Rubiaceae: *Bertiera guianensis* Aubl.
425. Rubiaceae: *Palicourea calophylla* DC.
426. Rubiaceae: *Psychotria racemosa* Rich.
427. Annonaceae: *Anaxagorea dolichocarpa* Sprague & Sandwith
428. Annonaceae: *Anaxagorea dolichocarpa* Sprague & Sandwith
429. Rubiaceae: *Psychotria cincta* Standl.
430. Rubiaceae: *Psychotria officinalis* (Aubl.) Raeusch. ex C. I. Sandwith
431. Compositae: *Elephantopus pilosus* Philipson
432. Tectariaceae: *Triplophyllum funestum* var. *funestum* (Kunze) Holttum
433. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
434. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
435. Thelypteridaceae: *Thelypteris opulenta* (Kaulf.) Fosberg
436. Cyatheaceae: *Cyathea procera* (Willd.) Domin
437. Solanaceae: *Solanum stramoniifolium* Jacq.
438. Zingiberaceae: *Zingiber purpureum* Roscoe
439. Commelinaceae: *Dichorisandra hexandra* (Aubl.) Kuntze ex Hand.-Mazz.
440. Araceae: *Monstera obliqua* Miq.
441. Lecythidaceae: *Eschweilera* sp.
442. Myrtaceae: *Myrcia subobliqua* (Benth.) Neidenzu
443. Meliaceae: *Trichilia rubra* C. DC.
444. Solanaceae: *Markea sessiliflora* Ducke
445. Rubiaceae: *Sabicea oblongifolia* (Miq.) Steyerm.
446. Amaryllidaceae: *Hymenocallis tubiflora* Salisb.
447. Lecythidaceae: *Eschweilera pedicellata* (Rich.) S. A. Mori
448. Caryocaraceae: *Caryocar microcarpum* Ducke
449. Rubiaceae: *Manettia alba* (Aubl.) Wernham
450. Marantaceae: *Ischnosiphon puberulus* var. *scaber* (Petersen) L. Andersson
451. Onagraceae: *Ludwigia latifolia* (Benth.) H. Hara
452. Marantaceae: *Ischnosiphon obliquus* (Rudge) Körn.
453. Melastomataceae: *Aciotis purpurascens* (Aubl.) Triana
454. Clusiaceae: *Vismia japurensis* Reichardt
455. Melastomataceae: *Aciotis laxa* (DC.) Cogn.
456. Melastomataceae: *Leandra rufescens* (DC.) Cogn.
457. Solanaceae: *Markea camponoti* Ducke
458. Costaceae: *Costus scaber* Ruiz & Pav.
459. Gesneriaceae: *Codonanthe crassifolia* (H. Focke) C. V. Morton
460. Clusiaceae: *Tovomita glossophylla* Cuatrec.
461. Bromeliaceae: *Araeococcus micranthus* Brongn.
462. Melastomataceae: *Clidemia japurensis* var. *japurensis* DC.
463a. Callicostaceae: *Callicostella pallida* (Hornsch.) Angstr.
463b. Indet.: Indet. sp.
463c. Sematophyllaceae: *Sematophyllum lonchophyllum* (Mont.) J. Flosch.
464. Poaceae: *Olyra longifolia* Kunth
465. Costaceae: *Costus arabicus* L.

466. Acanthaceae: *Justicia calycina* (Nees) V. A. W. Graham
467. Rubiaceae: *Borreria* sp.
468. Fabaceae: *Desmodium barbatum* (L.) Benth.
469. Rubiaceae: *Borreria capitata* (Ruiz & Pav.) DC.
470. Melastomataceae: *Aciotis purpurascens* (Aubl.) Triana
471. Malpighiaceae: *Stigmaphyllon sinuatum* (DC.) A. Juss.
472. Asclepiadaceae: *Blepharodon nitidus* (Vell.) J. F. Macbr.
472a. Rubiaceae: *Sipanea pratensis* Aubl.
473. Vittariaceae: *Antrophyum guayanense* Hieron.
474. Rubiaceae: *Manettia alba* (Aubl.) Wernham
475. Marantaceae: *Monotagma spicatum* (Aubl.) J. F. Macbr.
476. Violaceae: *Paypayrola longifolia* Tul.
477. Malpighiaceae: *Hiraea faginea* (Sw.) Nied.
478. Fabaceae: *Eperua jenmanii* Oliv.
479. Loranthaceae: *Phoradendron piperoides* (Kunth) Trel.
480. Grammitidaceae: *Cochlidium serrulatum* (Sw.) L. E. Bishop
481. Rutaceae: *Hortia regia* Sandwith
482. Malpighiaceae: *Hiraea faginea* (Sw.) Nied.
483. Apocynaceae: *Allamanda cathartica* L.
484. Poaceae: *Pariana radiciflora* Sagot ex Döll
485. Passifloraceae: *Passiflora tecta* Feuillet
486. Fabaceae: *Calopogonium mucunoides* Desv.
487. Fabaceae: *Dalbergia monetaria* L. f.
488. Fabaceae: *Zygia latifolia* var. *communis* Barneby & J. W. Grimes
489. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.
490. Moraceae: *Ficus paraensis* (Miq.) Miq.
491. Annonaceae: *Annona haematantha* Miq.
492. Auriculariaceae: *Auricularia* sp.
493. Bromeliaceae: *Tillandsia monadelpha* (E. Morren) Baker
494. Melastomataceae: *Henriettea multiflora* Naudin
495. Melastomataceae: *Adelobotrys permixta* Wurdack
496. Piperaceae: *Piper hispidum* Sw.
497. Smilacaceae: *Smilax syphilitica* Humb. & Bonpl. ex Willd.
498. Polypodiaceae: *Microgramma fuscopunctata* (Hook.) Vareschi
499. Polypodiaceae: *Microgramma reptans* (Cav.) A. R. Sm.
500. Arecaceae: *Geonoma baculifera* (Poit.) Kunth
501. Arecaceae: *Bactris oligoclada* Burret
501a. Costaceae: *Costus scaber* Ruiz & Pav.
502. Annonaceae: *Duguetia yeshidan* Sandwith
502a. Lichen: Indet. sp.
502b. Meteoriaceae: *Zelometeorium patulum* (Hedw.) Manuel
502c. Pallaviciniaceae: Indet. sp.
503. Rubiaceae: *Posoqueria gracilis* Roem. & Schult.
504. Lecythidaceae: Indet. sp.
505. Bromeliaceae: *Vriesea pleiosticha* (Griseb.) Gouda
506. Boraginaceae: *Cordia* sp.
507. Poaceae: *Panicum pilosum* Sw.
508. Cyperaceae: *Cyperus laxus* Lam.
509. Cyperaceae: *Cyperus luzulae* (L.) Rottb. ex Retz.
510. Cyperaceae: *Fimbristylis miliacea* (L.) Vahl
511. Cyperaceae: *Rhynchospora pubera* ssp. *pubera* (Vahl) Boeckeler
512. Cyperaceae: *Cyperus ligularis* L.
513. Cyperaceae: *Eleocharis elegans* (Kunth) Roem. & Schult.
513a. Indet.: Indet. sp.
514. Rubiaceae: *Genipa spruceana* Steyerm.
515. Clusiaceae: *Caraipa grandifolia* Mart.
516. Compositae: *Wulffia baccata* (L. f.) Kuntze
517. Fabaceae: *Pueraria phaseoloides* (Roxb.) Benth.
518. Araceae: *Spathiphyllum cuspidatum* Schott
519. Pezizaceae: Indet. sp.
520. Xylariaceae: Indet. sp.
521. Bignoniaceae: *Cydista aequinoctialis* (L.) Miers
522. Proteaceae: *Panopsis sessilifolia* (Rich.) Sandwith
523. Rubiaceae: *Posoqueria panamensis* (Walp. & Duchass.) Walp.
524. Styracaceae: *Lissocarpa guianensis* Gleason
525. Malpighiaceae: *Heteropterys leona* (Cav.) Exell
526. Cyperaceae: *Scleria macrogyne* C. B. Clarke
527. Rhizophoraceae: *Cassipourea guianensis* Aubl.
528. Cyperaceae: *Scleria mitis* P. J. Bergius
529. Passifloraceae: *Passiflora quadriglandulosa* Rodschied
530. Apocynaceae: *Malouetia tamaquarina* (Aubl.) A. DC.
531. Rubiaceae: *Psychotria bahiensis* DC.
532. Rubiaceae: *Psychotria apoda* Steyerm.
533. Heliconiaceae: *Heliconia richardiana* Miq.
534. Boraginaceae: *Cordia nodosa* Lam.
535. Rubiaceae: *Psychotria mapourioides* DC.
536. Polygonaceae: *Coccoloba* sp.
537. Acanthaceae: *Aphelandra scabra* (Vahl) Sm.
538. Cyperaceae: *Scleria secans* (L.) Urb.
539. Hymenophyllaceae: *Hymenophyllum decurrens* (Jacq.) Sw.
540. Araceae: *Anthurium gracile* (Rudge) Schott
541. Quiinaceae: *Quiina indigofera* Sandwith
542. Clusiaceae: *Clusia hammeliana* Pipoly
543. Clusiaceae: *Tovomita secunda* Poepp. ex Planch. & Triana
544. Fabaceae: *Swartzia schomburgkii* var. *schomburgkii* Benth.
545a. Bignoniaceae: *Tabebuia fluviatilis* (Aubl.) DC.
545b. Bignoniaceae: *Tabebuia fluviatilis* (Aubl.) DC.
546. Dichapetalaceae: *Tapura guianensis* Aubl.
547. Fabaceae: *Machaerium floribundum* var. *floribundum* Benth.
548. Chrysobalanaceae: *Licania densiflora* Kleinh.
549. Annonaceae: *Duguetia pycnastera* Sandwith
550. Rubiaceae: *Psychotria officinalis* (Aubl.) Raeusch. ex C. I. Sandwith
551. Bombacaceae: *Pachira aquatica* Aubl.

552. Bignoniaceae: *Schlegelia violacea* (Aubl.) Griseb.
553. Bignoniaceae: *Jacaranda obtusifolia* ssp. *rhombifolia* (G. Mey.) A. H. Gentry
554. Cyatheaceae: *Cnemidaria spectabilis* (Kunze) R. M. Tryon var. *spectabilis*
555. Zingiberaceae: *Renealmia orinocensis* Rusby
556a. Humiriaceae: Indet. sp.
556b. Rhizophoraceae: *Rhizophora racemosa* G. Mey.
557. Malpighiaceae: *Byrsonima stipulacea* A. Juss.
558. Loganiaceae: *Strychnos* sp.
559. Fabaceae: *Clathrotropis* sp.
560. Fabaceae: *Eperua* sp.
561. Bignoniaceae: *Cydista aequinoctialis* (L.) Miers
562. Euphorbiaceae: *Hevea pauciflora* (Spruce ex Benth.) Müll. Arg.
563. Clusiaceae: *Clusia schomburgkiana* (Planch. & Triana) Benth. ex Engl.
564. Combretaceae: *Terminalia dichotoma* G. May.
565. Annonaceae: *Unonopsis glaucopetala* R. E. Fr.
566. Heliconiaceae: *Heliconia spathocircinata* Aristeg.
567. Araceae: *Spathiphyllum cannifolium* (Dryand. ex Sims) Schott
568. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
569. Selaginellaceae: *Selaginella epirrhizos* Spring
570. Cyperaceae: *Hypolytrum longifolium* ssp. *sylvaticum* (Poepp. & Kunth) T. Koyama
571. Fabaceae: *Swartzia schomburgkii* var. *schomburgkii* Benth.
572. Rhizophoraceae: *Rhizophora racemosa* G. Mey.
573. Malpighiaceae: *Hiraea faginea* (Sw.) Nied.
574. Hippocrateaceae: *Hippocratea volubilis* L.
575. Combretaceae: *Combretum cacoucia* Exell
576. Loranthaceae: *Phthirusa stelis* (L.) Kuijt
577. Bignoniaceae: *Cydista aequinoctialis* (L.) Miers
578. Clusiaceae: *Clusia cuneata* Benth.
579. Fabaceae: *Machaerium* sp.
580. Bignoniaceae: *Macfadyena uncata* (Andrews) Sprague & Sandwith
581. Chrysobalanaceae: *Hirtella paniculata* Sw.
582. Orchidaceae: *Caularthron bicornutum* (Hook.) Raf.
583. Bombacaceae: *Pachira minor* (R. H. Sims) Hemsl.
584. Loranthaceae: *Phoradendron perrottetii* (DC.) Eichler
585. Melastomataceae: *Meriania urceolata* Triana
586. Myrtaceae: *Calycolpus goetheanus* (DC.) O. Berg
587. Chrysobalanaceae: *Chrysobalanus icaco* L.
588. Rubiaceae: *Palicourea triphylla* DC.
589. Chrysobalanaceae: *Chrysobalanus icaco* L.
590. Fabaceae: *Clitoria* sp.
591. Ochnaceae: *Elvasia quinqueloba* Spruce ex Engl.
592. Fabaceae: *Swartzia sprucei* var. *tessellata* R. S. Cowan
593. Poaceae: *Ischaemum* sp.
594. Loganiaceae: Indet. sp.
595. Orchidaceae: *Vanilla* sp.
596. Marcgraviaceae: *Marcgravia purpurea* I. W. Bailey
597. Polypodiaceae: *Microgramma lycopodioides* (L.) Copel.
598. Bombacaceae: *Pachira minor* (R. H. Sims) Hemsl.
599. Moraceae: *Ficus mathewsii* (Miq.) Miq.
600. Humiriaceae: *Humiria balsamifera* Aubl.
601. Lauraceae: *Endlicheria multiflora* (Miq.) Mez
602. Hippocrateaceae: *Hippocratea volubilis* L.
603. Connaraceae: *Rourea frutescens* Aubl.
604. Clusiaceae: *Symphonia globulifera* L. f.
605. Marcgraviaceae: *Souroubea guianensis* Aubl.
606. Onagraceae: *Ludwigia dodecandra* (DC.) Zardini & P. H. Raven
607. Fabaceae: *Macrosamanea* sp.
608. Capparidaceae: *Cleome aculeata* L.
609. Compositae: *Clibadium surinamense* L.
610. Dioscoreaceae: Indet. sp.
611. Anacardiaceae: *Anacardium occidentale* L.
612. Convolvulaceae: Indet. sp.
613. Verbenaceae: *Lantana camara* L.
614. Solanaceae: *Solanum subinerme* Jacq.
615. Melastomataceae: *Miconia racemosa* (Aubl.) DC.
616. Solanaceae: *Solanum stramoniifolium* Jacq.
617. Heliconiaceae: *Heliconia psittacorum* L. f.
618. Vitaceae: *Cissus erosa* Rich.
619. Scrophulariaceae: *Achetaria guianensis* Pennell
620. Ochnaceae: *Sauvagesia erecta* L.
621. Cyperaceae: *Rhynchospora pubera* ssp. *pubera* (Vahl) Boeckeler
622. Amaranthaceae: *Cyathula prostrata* (L.) Blume
623. Fabaceae: *Senna reticulata* (Willd.) H. S. Irwin & Barneby
624. Euphorbiaceae: *Microstachys corniculata* (Vahl) Griseb.
625. Poaceae: *Digitaria insularis* (L.) Fedde
626. Loganiaceae: *Spigelia* sp.
627. Adiantaceae: *Pityrogramma calomelanos* (L.) Link
628. Euphorbiaceae: *Phyllanthus urinaria* L.
629. Scrophulariaceae: *Lindernia crustacea* (L.) F. Muell.
630. Phytolaccaceae: *Microtea debilis* Sw.
631. Monimiaceae: *Siparuna guianensis* Aubl.
632. Poaceae: *Eragrostis unioloides* (Retz.) Nees ex Steud.
633. Euphorbiaceae: *Croton trinitatis* Millsp.
634. Turneraceae: *Turnera* sp.
635. Poaceae: *Andropogon bicornis* L.
636. Poaceae: *Ischaemum indicum* (Houtt.) Merr.
637. Poaceae: *Ichnanthus pallens* (Sw.) Munro ex Benth.
638. Cyperaceae: *Rhynchospora cephalotes* (L.) Vahl
639. Malvaceae: *Hibiscus bifurcatus* Cav.
640. Gentianaceae: *Coutoubea ramosa* Aubl.
641. Vochysiaceae: *Vochysia tetraphylla* (G. Mey.) DC.
642. Lythraceae: *Cuphea melvilla* Lindl.
643. Solanaceae: *Physalis pubescens* L.
644. Passifloraceae: *Passiflora foetida* var. *foetida* L.
645. Myrtaceae: *Marlierea guildingiana* (Griseb.) Krug & Urb.

646. Apocynaceae: *Tabernaemontana rupicola* Benth.
647. Alismataceae: *Sagittaria lancifolia* L.
648. Myrtaceae: *Myrcia subobliqua* (Benth.) Neidenzu
649. Fabaceae: *Eperua rubiginosa* Miq.
650. Lauraceae: *Beilschmiedia curviramea* (Meisn.) Kosterm.
651. Euphorbiaceae: *Mabea montana* Müll. Arg.
652. Olacaceae: *Dulacia guianensis* (Engl.) Kuntze
653. Loranthaceae: *Struthanthus* sp.
654. Orchidaceae: *Brassavola martiana* Lindl.
655. Orchidaceae: *Epidendrum nocturnum* Jacq. var. *minus*
656. Xyridaceae: *Xyris jupicai* Rich.
657. Fabaceae: *Tachigali paniculata* Aubl.
658. Rubiaceae: *Geophila macropoda* (Ruiz & Pav.) DC.
659. Compositae: *Clibadium surinamense* L.
660. Compositae: *Emilia sonchifolia* (L.) DC.
661. Lamiaceae: *Hyptis atrorubens* Poit.
662. Melastomataceae: *Clidemia sericea* D. Don
663. Melastomataceae: *Clidemia hirta* var. *hirta* (L.) D. Don
664. Fabaceae: *Inga* sp.
665. Annonaceae: *Guatteria schomburgkiana* Mart.
666. Scrophulariaceae: *Lindernia diffusa* (L.) Wettst.
667. Clusiaceae: *Vismia glaziovii* Ruhland
668. Marcgraviaceae: *Marcgravia coriacea* Vahl
669. Fabaceae: *Eperua schomburgkiana* Benth.
670. Sterculiaceae: *Sterculia rugosa* R. Br.
671. Chrysobalanaceae: *Licania guianensis* (Aubl.) Griseb.
672. Euphorbiaceae: *Amanoa guianensis* Aubl.
673. Anacardiaceae: *Tapirira guianensis* Aubl.
674. Indet.: Indet. sp.
675. Vochysiaceae: Indet. sp.
676. Marcgraviaceae: *Souroubea guianensis* Aubl.
677. Apocynaceae: *Himatanthus articulatus* (Vahl) Woodson
678. Passifloraceae: *Passiflora glandulosa* Cav.
681. Melastomataceae: *Tococa guianensis* Aubl.
682. Melastomataceae: *Meriania urceolata* Triana
683. Malpighiaceae: *Byrsonima coccolobifolia* Kunth
684. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
685. Annonaceae: *Xylopia aromatica* (Lam.) Mart.
686. Myrtaceae: *Myrcia sylvatica* (G. Mey.) DC.
687. Lauraceae: *Cassytha filiformis* L.
688. Flacourtiaceae: *Casearia* sp.
689. Myrtaceae: *Myrcia guianensis* (Aubl.) DC.
690. Sapindaceae: *Cupania rubiginosa* (Poir.) Radlk.
691. Chrysobalanaceae: *Hirtella paniculata* Sw.
692. Melastomataceae: *Miconia stenostachya* DC.
693. Malpighiaceae: *Byrsonima spicata* (Cav.) DC.
694. Marcgraviaceae: *Norantea guianensis* Aubl.
695. Clusiaceae: *Vismia* sp.
696. Ochnaceae: *Sauvagesia erecta* L.
697. Bonnetiaceae: *Archytaea triflora* Mart.
698. Orchidaceae: *Otostylis brachystalix* (Rchb. f.) Schltr.
699. Vochysiaceae: *Vochysia crassifolia* Warm.
700. Orchidaceae: *Phragmipedium klotzschianum* (Rchb. f.) Rolfe
701. Melastomataceae: *Acisanthera quadrata* Pers.
702. Cyrillaceae: *Cyrilla racemiflora* L.
703. Ochnaceae: *Ouratea roraimae* Engl.
704. Polygonaceae: *Coccoloba* sp.
705. Clusiaceae: *Clusia schomburgkiana* (Planch. & Triana) Benth. ex Engl.
706. Polygalaceae: *Securidaca marginata* Benth.
707. Annonaceae: *Guatteria punctata* (Aubl.) R. A. Howard
708. Myrsinaceae: *Cybianthus prieurii* A. DC.
709. Proteaceae: *Roupala montana* Aubl.
710. Marcgraviaceae: *Marcgravia coriacea* Vahl
711. Rubiaceae: *Faramea crassifolia* Benth.
712. Clusiaceae: *Mahurea exstipulata* Benth.
713. Sapindaceae: *Matayba arborescens* (Aubl.) Radlk.
714. Anacardiaceae: *Tapirira guianensis* Aubl.
715. Myrsinaceae: *Myrsine guianensis* (Aubl.) Kuntze
716. Indet.: Indet. sp.
717. Rubiaceae: *Perama galioides*
718. Cyperaceae: *Eleocharis filiculmis* Kunth
719. Droseraceae: *Drosera* sp.
720. Xyridaceae: *Xyris fallax* Malme
721. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
722. Hymenophyllaceae: *Trichomanes vandenboschii* P. G. Windisch
723. Bignoniaceae: *Tabebuia insignis* var. *insignis* (Miq.) Sandwith
724. Eriocaulaceae: *Syngonanthus* sp.
725. Polygalaceae: *Polygala adenophora* DC.
726. Melastomataceae: *Tococa guianensis* Aubl.
727. Eriocaulaceae: *Syngonanthus caulescens* (Poir.) Ruhland
728. Lycopodiaceae: *Lycopodiella caroliniana* var. *meridionalis* (Underw. & F. E. Lloyd) B. Øllg. & P. G. Windisch
729. Fabaceae: *Chamaecrista desvauxii* var. *mollissima* (Benth.) H. S. Irwin & Barneby
730. Onagraceae: *Ludwigia nervosa* (Poir.) H. Hara
731. Lycopodiaceae: *Lycopodiella cernua* var. *cernua* (L.) Pic. Serm.
732. Dennstaedtiaceae: *Lindsaea stricta* (Sw.) Dryand.
733. Davalliaceae: *Nephrolepis biserrata* (Sw.) Schott
734. Thelypteridaceae: *Thelypteris hostmannii* (Klotzsch) C. V. Morton
735. Myristicaceae: *Virola surinamensis* (Rol.) Warb.
736. Cyperaceae: *Lagenocarpus rigidus* ssp. *tremulus* (Nees) T. Koyama & Maguire
737. Clusiaceae: *Clusia insignis* Mart.
738. Scrophulariaceae: *Buchnera rosea* Kunth
739. Melastomataceae: *Rhynchanthera grandiflora* (Aubl.) DC.
740. Adiantaceae: *Pityrogramma calomelanos* var. *calomelanos* (L.) Link
741. Lentibulariaceae: *Utricularia hispida* Lam.
742. Lentibulariaceae: *Utricularia subulata* L.

743. Rubiaceae: *Psychotria cardiomorpha* C. M. Taylor & A. Pool
744. Lentibulariaceae: *Utricularia* sp.
745. Orchidaceae: *Koellensteinia eburnea* (Barb. Rodr.) Schltr.
746. Lentibulariaceae: *Utricularia juncea* Vahl
747. Xyridaceae: *Xyris laxifolia* var. *laxifolia* Mart.
748. Thelypteridaceae: *Thelypteris arborescens* (Humb. & Bonpl. ex Willd.) C. V. Morton
749. Rubiaceae: *Coccocypselum aureum* (Spreng.) Cham. & Schltdl.
750. Orchidaceae: *Epidendrum ibaguense* Lindl.
751. Poaceae: *Axonopus anceps* (Mez) Hitchc.
752. Indet.: Indet. sp.
753. Indet.: Indet. sp.
754. Indet.: Indet. sp.
755. Selaginellaceae: *Selaginella tuberculata* Spruce ex Baker
756. Indet.: Indet. sp.
757. Convolvulaceae: Indet. sp.
758. Fabaceae: *Clitoria guianensis* (Aubl.) Benth.
759. Compositae: *Ayapana amygdalina* (Lam.) R. M. King & H. Rob.
760. Poaceae: *Echinolaena inflexa* (Poir.) Chase
761. Apocynaceae: *Himatanthus drasticus* (Mart.) Plumel
762. Loranthaceae: *Phthirusa stenophylla* Eichler
763. Cyperaceae: *Scleria cyperina* Willd. ex Kunth
764. Apocynaceae: *Mandevilla leptophylla* (A. DC.) K. Schum.
765. Myrtaceae: *Calycolpus goetheanus* (DC.) O. Berg
766. Compositae: *Mikania trinitaria* DC.
767. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
768. Loranthaceae: *Phthirusa stelis* (L.) Kuijt
769. Malpighiaceae: *Tetrapterys styloptera* A. Juss.
770. Rubiaceae: *Borreria capitata* (Ruiz & Pav.) DC.
771. Cyperaceae: *Rhynchospora albomarginata* Kük.
772. Asclepiadaceae: *Ditassa taxifolia* Decne.
773. Myrtaceae: *Myrcia inaequiloba* (DC.) D. Legrand
774. Poaceae: *Panicum pilosum* Sw.
775. Poaceae: *Panicum cyanescens* Nees ex Trin.
776. Poaceae: *Andropogon virgatus* Desv. ex Ham.
777. Annonaceae: *Guatteria punctata* (Aubl.) R. A. Howard
778. Poaceae: *Andropogon bicornis* L.
779. Lamiaceae: *Hyptis arborea* Benth.
780. Pentaphylacaceae: *Ternstroemia* sp.
781. Dilleniaceae: *Davilla kunthii* A. St.-Hil.
782. Euphorbiaceae: *Pera nitida* (Benth.)
783. Poaceae: *Ichnanthus calvescens* (Nees ex Trin.) Döll
784. Cyperaceae: *Scleria secans* (L.) Urb.
785. Cyperaceae: *Rhynchospora exaltata* Kunth
786. Rubiaceae: *Palicourea rigida* Kunth
787. Fabaceae: *Chamaecrista flexuosa* (L.) Greene
788. Melastomataceae: *Miconia ciliata* (Rich.) DC.
789. Myrtaceae: *Eugenia punicifolia* (H.B.K.) DC.
790. Melastomataceae: *Clidemia capitellata* var. *capitellata* (Bonpl.) D. Don
791. Melastomataceae: *Miconia ibaguensis* (Bonpl.) Triana
792. Lamiaceae: *Hyptis lantanifolia* Poit.
793. Cyperaceae: *Fuirena umbellata* Rottb.
794. Fabaceae: *Vigna* sp.
795. Fabaceae: *Clitoria guianensis* (Aubl.) Benth.
796. Compositae: *Orthopappus angustifolius* (Sw.) Gleason
797. Heliconiaceae: *Heliconia psittacorum* L. f.
798. Sterculiaceae: *Melochia spicata* (L.) Fryxell
799. Campanulaceae: *Centropogon cornutus* (L.) Druce
800. Rubiaceae: *Sabicea glabrescens* Benth.
801. Melastomataceae: *Aciotis purpurascens* (Aubl.) Triana
802. Gentianaceae: *Schultesia brachyptera* Cham.
803. Melastomataceae: *Miconia macrothyrsa* Benth.
804. Malvaceae: *Peltaea speciosa* (Kunth) Standl.
805. Rubiaceae: *Coccocypselum condalia* Pers.
806. Compositae: *Mikania trinitaria* DC.
807. Compositae: *Chromolaena odorata* (L.) R. M. King & H. Rob.
808. Compositae: *Clibadium armani* (Balb.) Sch. Bip. ex O. E. Schulz
809. Vitaceae: *Cissus erosa* Rich.
810. Cyperaceae: *Rhynchospora nervosa* ssp. *nervosa* (Vahl) Boeckeler
811. Melastomataceae: *Tibouchina aspera* Aubl.
812. Lamiaceae: *Hyptis recurvata* Poit.
813. Asclepiadaceae: *Blepharodon nitidus* (Vell.) J. F. Macbr.
814. Myrsinaceae: *Cybianthus fulvopulverulentus* ssp. *fulvopulverulentus* (Mez) G. Agostini
815. Myrsinaceae: *Cybianthus fulvopulverulentus* ssp. *fulvopulverulentus* (Mez) G. Agostini
816. Burmanniaceae: *Burmannia capitata* (Walter ex J. F. Gmel.) Mart.
817. Loranthaceae: *Phoradendron crassifolium* (Pohl ex DC.) Eichler
818. Loranthaceae: *Dendrophthora lacryma-jobi* E. A. Kellogg
819. Loranthaceae: *Dendrophthora fanshawei* (Maguire) Kuijt
820. Humiriaceae: *Humiria balsamifera* var. *coriacea* Cuatrec.
821. Fabaceae: *Stylosanthes guianensis* (Aubl.) Sw.
822. Melastomataceae: *Henriettea maroniensis* Sagot
823. Melastomataceae: *Marcetia taxifolia* (A. St.-Hil.) DC.
824. Apocynaceae: *Mandevilla benthamii* (A. DC.) K. Schum.
825. Melastomataceae: *Clidemia pustulata* DC.
826. Clusiaceae: *Clusia insignis* Mart.
827. Humiriaceae: *Sacoglottis guianensis* Benth. var. *guianensis*
828. Chrysobalanaceae: *Parinari campestris* Aubl.
829. Myrtaceae: *Myrcia guianensis* (Aubl.) DC.
830. Cyatheaceae: *Cyathea delgadii* Pohl ex Sternb.
831. Adiantaceae: *Pityrogramma calomelanos* var. *aureoflava* (Hook.) Weath. ex L. H. Bailey
832. Thelypteridaceae: *Thelypteris hostmannii* (Klotzsch) C. V. Morton

833. Hymenophyllaceae: *Trichomanes hostmannianum* (Klotzsch) Kunze
834. Clusiaceae: *Clusia insignis* Mart.
835. Rubiaceae: *Chiococca nitida* Benth.
836. Dennstaedtiaceae: *Lindsaea stricta* var. *stricta* (Sw.)
837. Cyatheaceae: *Cyathea villosa* Humb. & Bonpl. ex Willd.
838. Burseraceae: *Protium heptaphyllum* ssp. *heptaphyllum* (Aubl.) Marchand
839. Solanaceae: *Solanum stramoniifolium* Jacq.
840. Melastomataceae: *Henriettea patrisiana* DC.
841. Cyperaceae: *Eleocharis flavescens* (Poir.) Urb.
842a. Aquifoliaceae: *Ilex daphnogenea* Reissek
842b. Schizaeaceae: *Lygodium venustum* Sw.
843. Fabaceae: *Inga aubrevilleana*
844. Clusiaceae: *Vismia cayennensis* (Jacq.) Pers.
845. Fabaceae: *Chamaecrista nictitans* var. *paraguariensis* (Chodat & Hassl.) H. S. Irwin & Barneby
846. Poaceae: *Paspalum corcovadense* Raddi
847. Poaceae: *Axonopus longispicus* (Döll) Kuhlm.
848. Blechnaceae: *Blechnum asplenioides* Sw.
849. Ochnaceae: *Sauvagesia erecta* L.
850. Solanaceae: *Solanum velutinum* Dunal
851. Euphorbiaceae: *Croton potaroensis* Lanj.
852. Piperaceae: *Peperomia macrostachya* (Vahl) A. Dietr.
853. Rubiaceae: *Alibertia myrciifolia* Spruce ex K. Schum.
854. Lentibulariaceae: *Utricularia* sp.
855. Poaceae: *Echinolaena inflexa* (Poir.) Chase
856. Poaceae: *Ichnanthus calvescens* (Nees ex Trin.) Döll
857. Cyperaceae: *Cyperus haspan* L.
858. Poaceae: *Andropogon leucostachyus* Kunth
859. Myrtaceae: *Myrcia inaequiloba* (DC.) D. Legrand
860. Cyperaceae: *Rhynchospora marisculus* Lindl. & Nees
861. Hippocrateaceae: *Cheiloclinium hippocrateoides* (Peyr.) A. C. Sm.
862. Poaceae: *Thrasya trinitensis* Mez
863. Poaceae: *Aristida torta* (Nees) Kunth
864. Burseraceae: *Protium guianense* (Aubl.) Marchand
865. Orchidaceae: *Phragmipedium klotzschianum* (Rchb. f.) Rolfe
866. Bignoniaceae: *Tabebuia insignis* (Miq.) Sandwith
867. Melastomataceae: *Tococa guianensis* Aubl.
868. Chrysobalanaceae: *Licania micrantha* Miq.
869. Rubiaceae: *Ferdinandusa uaupensis* Spruce ex K. Schum.
870. Fabaceae: Indet. sp.
871. Fabaceae: *Senna* sp.
872. Dennstaedtiaceae: *Lindsaea reniformis* Dryand.
873. Blechnaceae: *Blechnum brasiliense* Desv.
874. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
875. Cyatheaceae: *Cnemidaria spectabilis* (Kunze) R. M. Tryon
876. Melastomataceae: *Clidemia hirta* var. *hirta* (L.) D. Don
877. Cyperaceae: *Hypolytrum pulchrum* (Rudge) H. Pfeiff.
878. Poaceae: *Olyra micrantha* Kunth
879. Symplocaceae: *Symplocos ulei* Brand
880. Myrtaceae: *Psidium salutare* (Kunth) O. Berg
881. Poaceae: *Elionurus muticus* (Spreng.) Kuntze
882. Oxalidaceae: *Oxalis frutescens* L.
883. Vochysiaceae: *Qualea* sp.
884. Quiinaceae: *Touroulia guianensis* Aubl.
885. Loganiaceae: *Antonia ovata* Pohl
886. Ochnaceae: *Ouratea angulata* Tiegh.
887. Chrysobalanaceae: *Hirtella racemosa* var. *racemosa* Lam.
888. Myrtaceae: *Marlierea ferruginea* (Poir.) McVaugh
889. Rubiaceae: *Alibertia myrciifolia* Spruce ex K. Schum.
890. Dennstaedtiaceae: *Lindsaea stricta* var. *stricta* (Sw.)
891. Melastomataceae: *Miconia pyrifolia* Naudin
892. Xylariaceae: *Hypoxylon* sp.
893. Indet.: Indet. sp.
894. Melastomataceae: *Miconia holosericea* (L.) DC.
895. Melastomataceae: *Clidemia capitellata* var. *dependens* (Pav. & D. Don) J. F. Macbr.
896. Fabaceae: *Desmodium adscendens* (Sw.) DC.
897. Melastomataceae: *Miconia ibaguensis* (Bonpl.) Triana
898. Orchidaceae: *Cleistes rosea* Lindl.
899. Xyridaceae: *Xyris jupicai* Rich.
900. Cactaceae: *Epiphyllum phyllanthus* (L.) Haw.
901. Sterculiaceae: Indet. sp.
902. Malpighiaceae: *Tetrapterys styloptera* A. Juss.
903. Orchidaceae: *Epidendrum schomburgkii* Lindl.
904. Loranthaceae: *Phoradendron crassifolium* (Pohl ex DC.) Eichler
905. Rubiaceae: *Chiococca nitida* Benth.
906. Aquifoliaceae: *Ilex jenmanii* Loes.
907. Rubiaceae: *Coccocypselum hirsutum* Bartl. ex DC.
908. Indet.: Indet. sp.
909. Melastomataceae: *Aciotis laxa* var. *kappleriana* (Naudin) Cogn.
910. Quiinaceae: *Quiina albiflora* A. C. Sm.
911. Melastomataceae: *Miconia affinis* DC.
912. Moraceae: *Ficus guianensis* Desv. ex Ham.
913. Bombacaceae: *Pachira minor* (R. H. Sims) Hemsl.
914. Clusiaceae: *Clusia insignis* Mart.
915. Bromeliaceae: *Tillandsia paraensis* Mez
916. Adiantaceae: *Pityrogramma calomelanos* (L.) Link
917. Rubiaceae: *Psychotria cupularis* (Müll. Arg.) Standl.
918. Burseraceae: *Protium heptaphyllum* (Aubl.) Marchand
919. Burseraceae: *Protium guianense* (Aubl.) Marchand
920. Lacistemataceae: *Lacistema polystachyum* Schnizl.
921. Poaceae: *Parodiolyra luetzelburgii* (Pilg.) Soderstr. & Zuloaga
922. Melastomataceae: *Miconia prasina* (Sw.) DC.
923. Marcgraviaceae: *Marcgravia coriacea* Vahl
924. Hymenophyllaceae: *Trichomanes vandenboschii* P. G. Windisch
925. Dennstaedtiaceae: *Lindsaea dubia* Spreng.
926. Gleicheniaceae: *Sticherus compactus* (Christ) Nakai

927. Schizaeaceae: *Schizaea elegans* (Vahl) Sw.
928. Cyatheaceae: *Cyathea procera* (Willd.) Domin
929. Dryopteridaceae: *Cyclodium meniscioides* var. *meniscioides* (Willd.) C. Presl
930. Cyatheaceae: *Cyathea* sp.
931. Lichen: Indet. sp.
932. Arecaceae: *Astrocaryum gynacanthum* Mart.
933. Melastomataceae: *Miconia albicans* (Sw.) Triana
934. Melastomataceae: *Miconia alborufescens* Naudin
935. Polypodiaceae: *Dicranoglossum desvauxii* (Klotzsch) Proctor
936. Simaroubaceae: *Simarouba amara* Aubl.
937. Erythroxylaceae: *Erythroxylum tianguanum* T. Plowman
938. Melastomataceae: *Miconia rubiginosa* (Bonpl.) DC.
939. Fabaceae: *Calliandra riparia* Pittier
940. Hymenophyllaceae: *Trichomanes hostmannianum* (Klotzsch) Kunze
941. Asclepiadaceae: *Ditassa taxifolia* Decne.
942. Eriocaulaceae: *Comanthera jenmanii* (Gleason) L. R. Parra & Giul.
943. Fabaceae: *Chamaecrista desvauxii* var. *mollissima* (Benth.) H. S. Irwin & Barneby
944. Solanaceae: *Solanum campaniforme* Roem. & Schult.
945. Melastomataceae: *Miconia aeruginosa* Naudin
946. Piperaceae: *Peperomia quadrifolia* (L.) Kunth
947. Piperaceae: *Peperomia macrostachya* (Vahl) A. Dietr.
948. Rubiaceae: *Psychotria mapourioides* DC.
949. Solanaceae: *Solanum cordovense* Sessé & Moc.
950. Fabaceae: *Senegalia podadenia* Britton & Killip
951. Rubiaceae: *Psychotria deflexa* DC.
952. Cucurbitaceae: *Gurania nigrescens* C. Jeffrey
953. Annonaceae: *Duguetia pauciflora* Rusby
954. Boraginaceae: *Tournefortia maculata* Jacq.
955. Sapindaceae: *Paullinia stenopetala* Sagot
956. Rubiaceae: *Palicourea buntingii* Steyerm.
957. Simaroubaceae: *Picramnia latifolia* Tul.
958. Cucurbitaceae: Indet. sp.
959. Passifloraceae: *Passiflora coccinea* Aubl.
960. Piperaceae: *Piper aequale* Vahl
961. Piperaceae: *Piper pseudoglabrescens* Trel. & Yunck.
962. Piperaceae: *Piper aequale* Vahl
963. Piperaceae: *Piper hispidum* Sw.
964. Piperaceae: *Piper* sp.
965. Poaceae: *Oplismenus hirtellus* (L.) P. Beauv.
966. Poaceae: *Ichnanthus pallens* (Sw.) Munro ex Benth.
967. Poaceae: *Lasiacis ligulata* Hitchc. & Chase
968. Poaceae: *Olyra micrantha* Kunth
969. Indet.: Indet. sp.
970. Indet.: Indet. sp.
971. Indet.: Indet. sp.
972. Indet.: Indet. sp.
973. Selaginellaceae: *Selaginella* sp.
974. Indet.: Indet. sp.
975. Selaginellaceae: Indet. sp.
976. Hymenophyllaceae: *Trichomanes diaphanum* H.B.K.
977. Lichen: Indet. sp.
978. Polypodiaceae: *Neurodium repandum* (A. R. Sm.)
979. Vittariaceae: *Antrophyum cajenense* (Desv.) Spreng.
980. Polypodiaceae: *Campyloneurum angustifolium* (Sw.) Fée
981. Schizaeaceae: *Anemia phyllitidis* (L.) Sw.
982. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
983. Adiantaceae: *Adiantopsis radiata* (L.) Fée
984. Aspleniaceae: *Asplenium auritum* Sw. var. *auritum*
985. Polypodiaceae: *Pecluma plumula* (Humb. & Bonpl. ex Willd.) M. G. Price
986. Aspleniaceae: *Asplenium claussenii* Hieron.
987. Aspleniaceae: *Asplenium salicifolium* L.
988. Pteridaceae: *Pteris pungens* Willd.
989. Adiantaceae: *Adiantum terminatum* Kunze ex Miq.
990. Polypodiaceae: *Polypodium fraxinifolium* Jacq.
991. Cyatheaceae: *Alsophila* sp.
992. Pteridaceae: *Pteris splendens* Kaulf.
993. Cyatheaceae: *Cyathea surinamensis* (Miq.) Domin
994. Tectariaceae: *Ctenitis paranaensis* (C. Chr.) Sehnem
995. Heliconiaceae: *Heliconia pendula* Wawra
996. Heliconiaceae: *Heliconia bihai* (L.) L.
996a. Fabaceae: Indet. sp.
997. Compositae: *Wulffia baccata* (L. f.) Kuntze
998. Poaceae: *Olyra latifolia* L.
999. Orchidaceae: *Pleurothallis erinacea* Rchb. f.
1000. Balanophoraceae: *Langsdorffia hypogaea* Mart.
1001. Ochnaceae: *Ouratea elongata* Sastre
1002. Xylariaceae: *Hypoxylon* sp.
1003. Xylariaceae: Indet. sp.
1004. Xylariaceae: *Xylaria* sp.
1005. Xylariaceae: *Xylaria* sp.
1006. Polyporaceae: Indet. sp.
1007. Polyporaceae: Indet. sp.
1008. Polyporaceae: Indet. sp.
1009. Polyporaceae: Indet. sp.
1010. Polyporaceae: Indet. sp.
1011. Polyporaceae: Indet. sp.
1012. Clavariaceae: *Clavaria* sp.
1013. Nidulariaceae: *Cyathus* sp.
1014. Lycoperdaceae: Indet. sp.
1015. Indet.: Indet. sp.
1016. Pezizaceae: *Helstiales* sp.
1017. Sclerotiniaceae: *Chlorociboria aeruginascens* (Nyl.) Kanouse
1018. Polyporaceae: Indet. sp.
1019. Tricholomataceae: *Marasmiellus* sp.
1020. Tricholomataceae: *Mycena* sp.
1021. Basidiomycete: Indet. sp.
1022. Tremellaceae: *Tremellodendron* sp.
1023. Agaricales: Indet. sp.
1024. Hygrophoraceae: *Hygrocybe* sp.

1025. Tricholomataceae: *Marasmius* sp.
1026. Tricholomataceae: *Marasmius* sp.
1027. Tricholomataceae: *Marasmius haematocephala* (Mont.) Fr.
1028. Tricholomataceae: *Marasmius* sp.
1029. Hygrophoraceae: *Hygrophorus nigrescens* (Quél.) Quél. var. *brevisporus*
1030. Agaricales: Indet. sp.
1031. Agaricales: Indet. sp.
1032. Agaricales: Indet. sp.
1033. Agaricaceae: *Agaricus* sp.
1034. Passifloraceae: *Passiflora angusta* Feuillet & J. M. MacDougal
1035. Rubiaceae: *Psychotria hoffmannseggiana* (Willd. ex Roem. & Schult.) Müll. Arg.
1036. Loranthaceae: *Dendrophthora elliptica* (Gardner) Krug & Urb.
1037. Ochnaceae: Indet. sp.
1038. Compositae: *Verbesina guianensis* Baker
1039. Melastomataceae: *Clidemia urceolata* DC.
1040. Polygalaceae: *Polygala spectabilis* DC.
1041. Compositae: *Calea oliveri* B. L. Rob. & Greenm.
1042. Melastomataceae: *Miconia ciliata* (Rich.) DC.
1043. Melastomataceae: *Miconia phaeophylla* Triana
1044. Erythroxylaceae: *Erythroxylum amazonicum* Peyr.
1045. Myrtaceae: *Myrcia sylvatica* (G. Mey.) DC.
1046. Lacistemataceae: *Lacistema aggregatum* (P. J. Bergius) Rusby
1047. Sapindaceae: *Cupania rubiginosa* (Poir.) Radlk.
1048. Compositae: *Mikania pannosa* Baker
1049. Proteaceae: *Roupala montana* Aubl.
1049a. Orchidaceae: Indet. sp.
1050. Malpighiaceae: *Byrsonima concinna* Benth.
1051. Myrtaceae: *Myrcia fallax* (Rich.) DC.
1052. Ericaceae: *Bejaria sprucei* Meisn.
1053. Clusiaceae: *Moronobea ptaritepuiana* Steyerm.
1054. Clusiaceae: *Clusia melchiori* Gleason
1055. Melastomataceae: *Miconia dodecandra* Cogn.
1056. Annonaceae: *Guatteria minutiflora* Scharf & Maas
1057. Indet.: Indet. sp.
1058. Indet.: Indet. sp.
1059. Lichen: Indet. sp.
1060. Selaginellaceae: *Selaginella* sp.
1061. Indet.: Indet. sp.
1062. Lichen: Indet. sp.
1063. Indet.: Indet. sp.
1064. Hymenophyllaceae: *Hymenophyllum apiculatum* Mett. ex Kuhn
1065. Grammitidaceae: *Cochlidium tepuiense* (A. C. Sm.) L. E. Bishop
1066. Grammitidaceae: *Grammitis melanosticta* (Kunze) F. Seym.
1067. Erythroxylaceae: Indet. sp.
1068. Orchidaceae: *Epidendrum secundum* Jacq.
1069. Cyperaceae: *Scleria cyperina* Willd. ex Kunth
1070. Cyperaceae: *Rhynchospora exaltata* Kunth
1071. Clusiaceae: *Clusia robusta* Eyma
1072. Schizaeaceae: *Schizaea elegans* (Vahl) Sw.
1073. Orchidaceae: *Jacquiniella globosa* (Jacq.) Schltr.
1074. Arecaceae: *Geonoma* sp.
1075a. Gentianaceae: *Voyria aphylla* (Jacq.) Pers.
1075b. Polyporaceae: Indet. sp.
1076. Hymenochaetaceae: *Stipitochaete damaecornis* (Link.) Ryvarden
1077. Polyporaceae: Indet. sp.
1078. Indet.: Indet. sp.
1079. Auriculariaceae: *Auricularia* sp.
1080. Xylariaceae: Indet. sp.
1081. Tricholomataceae: Indet. sp.
1082. Agaricaceae: *Agaricus* sp.
1083. Lichen: Indet. sp.
1084. Poaceae: *Panicum pycnoclados* Tutin
1085. Bromeliaceae: *Tillandsia fendleri* var. *reducta* (L. B. Sm.) L. B. Sm.
1086. Lamiaceae: *Aegiphila roraimensis* Moldenke
1087. Compositae: *Chromolaena thurnii* (B. L. Rob.) R. M. King & H. Rob.
1088. Clusiaceae: *Clusia nemorosa* G. Mey.
1089. Orchidaceae: *Sobralia* sp.
1090. Orchidaceae: *Houlletia odoratissima* Linden ex Lindl.
1091. Pentaphylacaceae: *Ternstroemia* sp.
1092. Malpighiaceae: *Byrsonima spicata* (Cav.) DC.
1093. Rubiaceae: *Palicourea croceoides* Desv. ex Ham.
1094. Orchidaceae: *Elleanthus graminifolius* (Barb. Rodr.) Löjtnant
1095. Orchidaceae: *Jacquiniella globosa* (Jacq.) Schltr.
1095a. Orchidaceae: *Stelis* sp.
1096. Orchidaceae: *Isochilus linearis* (Jacq.) R. Br.
1097. Orchidaceae: *Epidendrum difforme* Jacq.
1098. Rubiaceae: *Coccocypselum hirsutum* Bartl. ex DC.
1099. Bromeliaceae: *Tillandsia jenmanii* Baker
1100. Schizaeaceae: *Schizaea poeppigiana* J. W. Sturm
1101. Hymenophyllaceae: *Hymenophyllum* sp.
1102. Orchidaceae: *Brassia bidens* Lindl.
1103. Orchidaceae: *Malaxis maguirei* C. Schweinf.
1104. Verbenaceae: *Lippia origanoides* Kunth
1105. Clusiaceae: *Mahurea exstipulata* Benth.
1106. Passifloraceae: *Passiflora ascidia* Feuillet
1107. Ochnaceae: *Sauvagesia roraimensis* Ule
1108. Dilleniaceae: *Doliocarpus macrocarpus* Mart. ex Eichler
1109. Smilacaceae: *Smilax maypurensis* Humb. & Bonpl. ex Willd.
1110. Clusiaceae: *Vismia guianensis* (Aubl.) Choisy
1111. Gnetaceae: *Gnetum camporum* (Markgr.) D. W. Stev. & T. Zanoni
1112. Myrtaceae: Indet. sp.
1113. Myrtaceae: *Myrcia fallax* (Rich.) DC.

1114. Myrtaceae: *Myrcia multiflora* (Lam.) DC.
1115. Aquifoliaceae: *Ilex* sp.
1116. Lacistemataceae: *Lacistema polystachyum* Schnizl.
1117. Myrsinaceae: *Myrsine nitida* (Mez) Pipoly
1118. Malpighiaceae: *Byrsonima concinna* Benth.
1119. Aquifoliaceae: *Ilex* sp.
1120. Rutaceae: *Zanthoxylum* sp.
1121. Myrtaceae: *Myrcia fallax* (Rich.) DC.
1122. Rutaceae: *Zanthoxylum* sp.
1123. Cyperaceae: *Rhynchospora exaltata* Kunth
1124. Polypodiaceae: *Polypodium triseriale* Sw.
1125. Grammitidaceae: *Cochlidium serrulatum* (Sw.) L. E. Bishop
1126. Grammitidaceae: *Cochlidium linearifolium* (Desv.) Maxon ex C. Chr.
1127. Indet.: Indet. sp.
1128. Indet.: Indet. sp.
1129. Lichen: Indet. sp.
1130. Orchidaceae: *Jacquiniella teretifolia* (Sw.) Britton & P. Wilson
1131. Orchidaceae: *Scaphyglottis fusiformis* (Griseb.) R. E. Schult.
1132. Orchidaceae: *Epidendrum carpophorum* Barb. Rodr.
1133. Orchidaceae: *Lepanthopsis floripecten* (Rchb. f.) Ames
1134. Orchidaceae: *Sobralia* sp.
1135. Orchidaceae: *Encyclia* sp.
1136. Orchidaceae: *Jacquiniella teretifolia* (Sw.) Britton & P. Wilson
1137. Bromeliaceae: *Tillandsia jenmanii* Baker
1138. Lentibulariaceae: Indet. sp.
1139. Fabaceae: *Chamaecrista roraimae* (Benth.) Gleason
1140. Melastomataceae: *Miconia holosericea* (L.) DC.
1141. Melastomataceae: *Leandra lindeniana* (Naudin) Cogn.
1142. Loranthaceae: *Phoradendron pteroneuron* Eichler
1143. Rubiaceae: *Psychotria vellosiana* Benth.
1144. Melastomataceae: *Miconia phaeophylla* Triana
1145. Asclepiadaceae: *Metastelma hirtellum* (Oliv.) Liede
1146. Loranthaceae: *Dendrophthora elliptica* (Gardner) Krug & Urb.
1147. Asclepiadaceae: *Blepharodon grandiflorus* ssp. *crassifolius* (Schltr.) Morillo
1148. Melastomataceae: *Tococa guianensis* Aubl.
1149. Orchidaceae: *Brassia bidens* Lindl.
1150. Rubiaceae: *Sipanea* sp.
1151. Bromeliaceae: *Tillandsia fendleri* Griseb.
1152. Bromeliaceae: *Tillandsia spiculosa* Griseb.
1153. Bromeliaceae: *Tillandsia spiculosa* Griseb.
1154. Indet.: Indet. sp.
1155. Polypodiaceae: *Microgramma lycopodioides* (L.) Copel.
1156 Annonaceae: *Guatteria minutiflora* Scharf & Maas
1157. Bromeliaceae: *Brocchinia reducta* Baker
1158. Lycopodiaceae: *Lycopodiella duidae* (A. C. Sm.) B. Øllg.
1159. Rubiaceae: *Sipanea* sp.
1160. Orchidaceae: *Koellensteinia eburnea* (Barb. Rodr.) Schltr.
1161. Apocynaceae: *Mandevilla benthamii* (A. DC.) K. Schum.
1162. Schizaeaceae: *Actinostachys pennula* (Sw.) Hook.
1163. Liliaceae: *Nietneria paniculata* Steyerm.
1164. Orchidaceae: *Epistephium subrepens* Hoehne
1165. Melastomataceae: *Macairea lasiophylla* (Benth.) Wurdack
1166. Melastomataceae: *Siphanthera cordifolia* (Benth.) Gleason
1167. Rubiaceae: *Declieuxia fruticosa* (Willd. ex Roem. & Schult.) Kuntze
1168a. Melastomataceae: *Miconia alata* (Aubl.) DC.
1168b. Melastomataceae: *Clidemia rubra* (Aubl.) Mart.
1169. Fabaceae: *Mora excelsa* Benth.
1170. Verbenaceae: *Lippia origanoides* Kunth
1171. Myrtaceae: *Psidium salutare* (Kunth) O. Berg
1172. Poaceae: *Elionurus muticus* (Spreng.) Kuntze
1173. Myrtaceae: *Myrcia tomentosa* (Aubl.) DC.
1174. Myrtaceae: Indet. sp.
1175. Myrtaceae: *Myrcia tomentosa* (Aubl.) DC.
1176. Rubiaceae: *Faramea crassifolia* Benth.
1177. Aquifoliaceae: *Ilex jenmanii* Loes.
1178. Annonaceae: *Xylopia aromatica* (Lam.) Mart.
1179. Fabaceae: *Machaerium quinatum* (Aubl.) Sandwith
1180. Rubiaceae: *Borreria capitata* (Ruiz & Pav.) DC.
1181. Poaceae: *Axonopus pubivaginatus* Henrard
1182. Fabaceae: *Eriosema crinitum* (Kunth) G. Don
1183. Fabaceae: *Mimosa myriadenia* Benth.
1184. Myrtaceae: *Myrcia deflexa* (Poir.) DC.
1185. Lecythidaceae: *Gustavia augusta* L.
1186. Passifloraceae: *Passiflora glandulosa* Cav.
1187. Fabaceae: *Dioclea guianensis* Benth.
1188. Myrtaceae: *Eugenia polystachya* Rich.
1189. Melastomataceae: *Miconia campestris* (Benth.) Triana
1190. Rubiaceae: *Psychotria barbiflora* DC.
1191. Polygalaceae: *Securidaca diversifolia* (L.) S. F. Blake
1192. Convolvulaceae: Indet. sp.
1193. Burseraceae: *Protium heptaphyllum* ssp. *heptaphyllum* (Aubl.) Marchand
1194. Anacardiaceae: *Tapirira guianensis* Aubl.
1195. Fabaceae: *Macrolobium bifolium* (Aubl.) Pers.
1196. Fabaceae: *Mimosa myriadenia* Benth.
1197. Melastomataceae: *Miconia albicans* (Sw.) Triana
1198. Cyperaceae: *Hypolytrum pulchrum* (Rudge) H. Pfeiff.
1199. Melastomataceae: *Miconia bracteata* (DC.) Triana
1200. Melastomataceae: *Miconia bracteata* (DC.) Triana
1201. Melastomataceae: *Clidemia conglomerata* DC.
1202. Melastomataceae: *Miconia centrodesma* Naudin
1203. Campanulaceae: *Centropogon cornutus* (L.) Druce
1204. Ericaceae: *Sphyrospermum cordifolium* Benth.
1205. Rubiaceae: *Psychotria bostrychothyrsus* Sandwith

1206. Rubiaceae: *Spermacoce glabra* Michx.
1207. Melastomataceae: *Aciotis laxa* var. *laxa* (DC.) Cogn.
1208. Smilacaceae: *Smilax syphilitica* Humb. & Bonpl. ex Willd.
1209. Araceae: *Anthurium crassinervium* (Jacq.) Schott
1210. Gesneriaceae: *Columnea guianensis* C. V. Morton
1211. Poaceae: *Ichnanthus nemoralis* (Schrad.) Hitchc. & Chase
1212. Poaceae: *Paspalum corcovadense* Raddi
1213. Cyperaceae: *Pleurostachys* sp.
1214. Poaceae: *Ichnanthus nemoralis* (Schrad.) Hitchc. & Chase
1215. Cyperaceae: *Calyptrocarya glomerulata* (Brongn.) Urb.
1216. Phytolaccaceae: *Phytolacca rivinoides* Kunth & C. D. Bouché
1217. Piperaceae: *Peperomia lancifolia* var. *lancifolia* Hook.
1218. Compositae: *Wulffia baccata* (L. f.) Kuntze
1219. Arecaceae: *Bactris simplicifrons* Mart.
1220. Grammitidaceae: *Grammitis taxifolia* (L.) Proctor
1221. Davalliaceae: *Nephrolepis rivularis* (Vahl) Mett. ex Krug
1222. Dryopteridaceae: *Cyclodium inerme* (Fée) A. R. Sm.
1223. Cyatheaceae: *Cyathea procera* (Willd.) Domin
1224. Grammitidaceae: *Grammitis mollissima* (Fée) Proctor
1225. Polypodiaceae: *Polypodium triseriale* Sw.
1226. Hymenophyllaceae: *Hymenophyllum decurrens* (Jacq.) Sw.
1227. Hymenophyllaceae: *Hymenophyllum decurrens* (Jacq.) Sw.
1228. Cyatheaceae: *Cnemidaria roraimensis* (Domin) R. M. Tryon
1229. Pallaviciniaceae: Indet. sp.
1230. Selaginellaceae: Indet. sp.
1231a. Indet.: Indet. sp.
1231b. Sematophyllaceae: *Sematophyllum lonchophyllum* (Mont.) J. Flosch.
1232. Lomariopsidaceae: *Elaphoglossum* sp.
1233. Moraceae: *Sorocea pubivena* ssp. *oligotricha* (Akkermans & C. C. Berg) C. C. Berg
1234. Melastomataceae: *Maieta guianensis* Aubl.
1235. Rubiaceae: *Psychotria transiens* Wernham
1236. Rubiaceae: *Psychotria capitata* Ruiz & Pav.
1237. Annonaceae: *Anaxagorea dolichocarpa* Sprague & Sandwith
1238a. Hookeriaceae: *Callicosta bipinnata* (Schwaegr.) C. A. Müll.
1238b. Pallaviciniaceae: Indet. sp.
1238c. Hookeriaceae: *Callicosta evanescens* C. A. Müll.
1239. Pallaviciniaceae: Indet. sp.
1240a. Thuidiaceae: *Thuidium tomentosum* Schimp.
1240b. Hookeriaceae: *Callicosta bipinnata* (Schwaegr.) C. A. Müll.
1241. Vittariaceae: *Antrophyum guayanense* Hieron.
1242. Polypodiaceae: *Dicranoglossum desvauxii* (Klotzsch) Proctor
1243. Grammitidaceae: *Grammitis subsessilis* (Baker) C. V. Morton
1244. Dryopteridaceae: *Cyclodium meniscioides* var. *meniscioides* (Willd.) C. Presl
1245. Cantharellaceae: *Craterellus* sp. nov.
1246. Cyperaceae: *Hypolytrum pallidiceps* S. S. Hooper & T. Koyama
1247. Euphorbiaceae: *Aparisthmium cordatum* (A. Juss.) Baill.
1248. Gesneriaceae: *Lesia savannarum* (C. V. Morton) J. L. Clark & J. F. Sm.
1249. Melastomataceae: *Tococa aristata* Benth.
1250. Orchidaceae: *Maxillaria reichenheimiana* Endrés & Rchb. f.
1251. Orchidaceae: *Scaphyglottis grandiflora* Ames & C. Schweinf.
1252. Ericaceae: *Satyria panurensis* (Benth. ex Meisn.) Hook. f. ex Nied.
1253. Begoniaceae: *Begonia jenmanii* Tutin
1254. Melastomataceae: *Clidemia charadrophila* Tutin
1255. Melastomataceae: *Macrocentrum repens* (Gleason) Wurdack
1256. Melastomataceae: *Macrocentrum minus* Gleason
1257. Melastomataceae: *Aciotis laxa* var. *laxa* (DC.) Cogn.
1258. Rubiaceae: *Psychotria uliginosa* Sw.
1259. Marantaceae: *Monotagma spicatum* (Aubl.) J. F. Macbr.
1260. Bignoniaceae: *Schlegelia spruceana* Bureau & K. Schum.
1261. Rubiaceae: *Psychotria erecta* (Aubl.) Standl. & Steyerm.
1262. Menispermaceae: *Cissampelos* sp.
1263. Gesneriaceae: *Besleria flavovirens* Nees & Mart.
1264. Melastomataceae: *Leandra sanguinea* ssp. *sanguinea* Gleason
1265. Melastomataceae: *Leandra purpurea* Gleason
1266. Rubiaceae: *Psychotria berteroana* DC.
1267. Rubiaceae: *Psychotria muscosa* (Jacq.) Steyerm.
1268. Piperaceae: *Piper perstipulare* Steyerm.
1269. Piperaceae: *Piper demeraranum* (Miq.) C. DC.
1270. Solanaceae: *Solanum costatum* M. Nee
1271. Smilacaceae: *Smilax syphilitica* Humb. & Bonpl. ex Willd.
1272. Araceae: *Anthurium expansum* Gleason
1273. Araceae: *Anthurium roraimense* N. E. Br.
1274. Bromeliaceae: *Vriesea gladioliflora* (H. Wendl.) Antoine
1275. Bromeliaceae: *Guzmania lingulata* (L.) Mez
1276. Arecaceae: *Bactris hirta* Mart.
1277. Hymenophyllaceae: *Trichomanes trollii* Bergdolt
1278. Hymenophyllaceae: *Hymenophyllum dependens* C. V. Morton
1279. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.

1280. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
1281. Adiantaceae: *Adiantopsis radiata* (L.) Fée
1282. Dennstaedtiaceae: *Lindsaea divaricata* Klotzsch
1283. Dennstaedtiaceae: *Lindsaea* sp.
1284. Polypodiaceae: *Polypodium loriceum* L.
1285. Tectariaceae: *Triplophyllum crassifolium* Holttum var. *caudatum*
1286. Lomariopsidaceae: *Elaphoglossum* sp.
1287. Lomariopsidaceae: *Elaphoglossum nigrescens* (Hook.) T. Moore ex Diels
1288. Grammitidaceae: *Grammitis randallii* (Maxon) Proctor
1289. Grammitidaceae: *Grammitis taenifolia* (Jenman) Proctor
1290. Grammitidaceae: *Cochlidium serrulatum* (Sw.) L. E. Bishop
1291. Hymenophyllaceae: *Trichomanes caliginum* Lellinger
1292. Lichen: Indet. sp.
1293. Dicranaceae: *Campylopus luteus* (C. A. Müll.)
1294. Lomariopsidaceae: *Elaphoglossum macrophyllum* (Mett. ex Kuhn) Christ
1295. Lomariopsidaceae: *Elaphoglossum crinitum* (L.) Christ
1296. Orchidaceae: *Stelis* sp.
1297. Melastomataceae: *Macrocentrum fasciculatum* (Rich. ex DC.) Triana
1298. Polyporaceae: Indet. sp.
1299. Polyporaceae: Indet. sp.
1300. Polyporaceae: Indet. sp.
1301. Polyporaceae: Indet. sp.
1302. Orchidaceae: *Pleurothallis ruscifolia* (Jacq.) R. Br.
1303. Rubiaceae: *Psychotria uliginosa* Sw.
1304. Loganiaceae: *Spigelia* sp.
1305. Euphorbiaceae: *Mabea speciosa* Müll. Arg.
1306. Melastomataceae: *Clidemia stellipilis* (Gleason) Wurdack
1307. Melastomataceae: *Leandra clidemioides* (Naudin) Wurdack
1308. Melastomataceae: *Tococa aristata* Benth.
1309. Melastomataceae: *Maieta poeppigii* Mart. ex Cogn.
1310. Gesneriaceae: *Napeanthus rupicola* Feuillet & L. E. Skog
1311. Cucurbitaceae: *Gurania huberi* Cogn.
1312. Piperaceae: *Piper pseudoglabrescens* Trel. & Yunck.
1313. Hymenophyllaceae: *Trichomanes diaphanum* H.B.K.
1314. Hymenophyllaceae: *Trichomanes rigidum* Sw.
1315. Marchantiaceae: *Dumortiera hirsuta* Nees
1316. Aspleniaceae: *Asplenium radicans* var. *cirrhatum* (Rich. ex Willd.) Rosenst.
1317. Polypodiaceae: *Polypodium caceresii* Sodiro
1318. Lamiaceae: *Amasonia campestris* (Aubl.) Moldenke
1319. Costaceae: *Costus comosus* var. *bakeri* (K. Schum.) Maas
1320. Marantaceae: *Calathea casupito* (Jacq.) Schult.
1321. Cyclanthaceae: Indet. sp.
1322. Cyatheaceae: *Cyathea procera* (Willd.) Domin
1323. Heliconiaceae: *Heliconia bihai* (L.) L.
1324. Polyporaceae: Indet. sp.
1325. Fabaceae: *Dicymbe altsonii* Sandwith
1326. Rubiaceae: *Psychotria* sp.
1327. Orchidaceae: *Scaphosepalum breve* (Rchb. f.) Rolfe
1328. Orchidaceae: *Stelis* sp.
1329. Ericaceae: *Sphyrospermum buxifolium* Poepp. & Endl.
1330. Ericaceae: *Sphyrospermum cordifolium* Benth.
1331. Ericaceae: *Sphyrospermum cordifolium* Benth.
1332. Indet.: Indet. sp.
1333. Myrsinaceae: *Cybianthus* sp. nov.
1334. Melastomataceae: *Clidemia buntingii* Wurdack
1335. Melastomataceae: *Clidemia* sp.
1336. Melastomataceae: *Aciotis laxa* var. *laxa* (DC.) Cogn.
1337. Thymelaeaceae: *Daphnopsis* sp.
1338. Rubiaceae: *Palicourea croceoides* Desv. ex Ham.
1339. Melastomataceae: *Clidemia minutiflora* (Triana) Cogn.
1340. Melastomataceae: *Boyania ayangannae* Wurdack
1341. Melastomataceae: *Clidemia involucrata* DC.
1342. Myrtaceae: *Eugenia latifolia* Aubl.
1343. Ericaceae: *Cavendishia* sp.
1344. Gesneriaceae: *Crantzia epirotes* (Leeuwenb.) J. L. Clark
1345. Gesneriaceae: *Lesia savannarum* (C. V. Morton) J. L. Clark & J. F. Sm.
1346. Rubiaceae: *Coussarea fanshawei* Steyerm.
1347. Rubiaceae: *Psychotria* sp.
1348. Flacourtiaceae: *Ryania speciosa* Vahl
1349. Melastomataceae: *Macrocentrum repens* (Gleason) Wurdack
1350. Cucurbitaceae: *Gurania simplicifolia* (Steyerm.) C. Jeffrey
1351. Rubiaceae: *Psychotria* sp.
1352. Rubiaceae: *Psychotria mazaruniensis* Standl.
1353. Rubiaceae: *Psychotria apoda* Steyerm.
1354. Melastomataceae: *Clidemia involucrata* DC.
1355. Cyclanthaceae: Indet. sp.
1356. Heliconiaceae: *Heliconia psittacorum* L. f.
1357. Piperaceae: *Piper anonifolium* var. *parkerianum* (C. DC.) Steyerm.
1358. Gesneriaceae: *Columnea guianensis* C. V. Morton
1359. Arecaceae: *Geonoma aspidiifolia* Spruce
1360. Poaceae: *Arthrostylidium venezuelae* (Steud.) McClure
1361. Compositae: *Wulffia baccata* (L. f.) Kuntze
1362. Passifloraceae: *Passiflora balbis* Feuillet
1362a. Orchidaceae: Indet. sp.
1363. Melastomataceae: *Miconia centrodesma* Naudin
1364. Ericaceae: *Cavendishia callista* Donn. Sm.
1365. Commelinaceae: *Dichorisandra hexandra* (Aubl.) Kuntze ex Hand.-Mazz.
1366. Hymenophyllaceae: *Trichomanes caliginum* Lellinger
1367. Hymenophyllaceae: *Hymenophyllum decurrens* (Jacq.) Sw.

1368. Hymenophyllaceae: *Trichomanes rigidum* Sw.
1369. Polypodiaceae: *Polypodium loriceum* L.
1369a. Polypodiaceae: *Polypodium sessilifolium* Desv.
1370. Grammitidaceae: *Enterosora trifurcata* (L.) L. E. Bishop
1371. Dennstaedtiaceae: *Lindsaea cultriformis* K. U. Kramer
1372. Dryopteridaceae: *Cyclodium* sp.
1373. Lomariopsidaceae: *Bolbitis nicotianifolia* (Sw.) Alston
1374. Pallaviciniaceae: *Symphyogyna* sp.
1375. Cyatheaceae: *Cnemidaria cruciata* (Desv.) Stolze
1376. Cyperaceae: *Mapania steyermarkii* T. Koyama
1377. Hymenophyllaceae: *Trichomanes pedicellatum* Desv.
1378. Grammitidaceae: *Lellingeria subsessilis* (Baker) A. R. Sm. & R. C. Moran
1379. Grammitidaceae: *Lellingeria randallii* (Maxon) A. R. Sm. & R. C. Moran
1380. Hymenophyllaceae: *Trichomanes pedicellatum* Desv.
1381. Lomariopsidaceae: *Elaphoglossum macrophyllum* (Mett. ex Kuhn) Christ
1382. Rubiaceae: *Psychotria plocamipes* Wernham
1383. Bromeliaceae: *Tillandsia spiculosa* Griseb.
1384. Rubiaceae: *Psychotria aligera* Steyerm.
1385. Rubiaceae: *Rudgea hostmanniana* Benth.
1386. Melastomataceae: *Macrocentrum droseroides* Triana
1387. Piperaceae: *Piper cuyunianum* Steyerm.
1388. Loganiaceae: *Spigelia multispica* Steud.
1389. Rubiaceae: *Psychotria capitata* Ruiz & Pav.
1390. Aspleniaceae: *Asplenium juglandifolium* Lam.
1391. Dennstaedtiaceae: *Lindsaea lancea* var. *falcata* (Dryand.) Rosenst.
1392. Dennstaedtiaceae: *Lindsaea cultriformis* K. U. Kramer
1393. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
1394. Hymenophyllaceae: *Trichomanes cellulosum* Klotzsch
1395. Grammitidaceae: *Grammitis asplenifolia* (L.) Proctor
1396. Lomariopsidaceae: *Elaphoglossum nigrescens* (Hook.) T. Moore ex Diels
1397. Hymenophyllaceae: *Trichomanes plumosum* Kunze
1398. Selaginellaceae: *Selaginella pruskiana* Valdespino
1399. Selaginellaceae: *Selaginella seemannii* Baker
1399a. Melastomataceae: *Macrocentrum repens* (Gleason) Wurdack
1400. Indet.: Indet. sp.
1401. Indet.: Indet. sp.
1402. Flacourtiaceae: *Euceraea nitida* Mart.
1403. Loranthaceae: *Phoradendron chrysocladon* A. Gray
1404. Gentianaceae: *Chorisepalum psychotrioides* var. *psychotrioides* Ewan
1405. Piperaceae: *Peperomia lancifolia* Hook.
1406. Piperaceae: *Piper perstipulare* Steyerm.
1407. Poaceae: *Olyra* sp.
1408. Cyperaceae: *Becquerelia cymosa* ssp. *cymosa* Brongn.
1409. Cyperaceae: *Mapania steyermarkii* T. Koyama
1410. Thelypteridaceae: *Thelypteris leprieurii* var. *leprieurii* (Hook.) R. M. Tryon
1411. Cyatheaceae: *Cyathea macrosora* (Baker) Domin var. *macrosora*
1412. Orchidaceae: *Lepanthes* sp.
1413. Orchidaceae: *Malaxis* sp.
1414. Grammitidaceae: *Grammitis taxifolia* (L.) Proctor
1415. Orchidaceae: *Dichaea hystricina* Rchb. f.
1416. Pallaviciniaceae: Indet. sp.
1417. Leucobryaceae: *Leucobryum albicans* (Schwaegr.) Lindb.
1418. Rhizogoniaceae: *Pyrrhobryum spiniforme* (Hedw.) Mitt.
1419. Trichocoleaceae: *Trichocolea* sp.
1419b. Phyllogoniaceae: *Phyllogonium viride* Brid.
1420. Adiantaceae: *Adiantopsis radiata* (L.) Fée
1421. Aspleniaceae: *Asplenium pteropus* Kaulf.
1422. Grammitidaceae: *Cochlidium tepuiense* (A. C. Sm.) L. E. Bishop
1423. Polypodiaceae: *Phlebodium pseudoaureum* (Cav.) Lellinger
1424. Blechnaceae: *Blechnum lehmannii* Hieron.
1425. Tectariaceae: *Lastreopsis amplissima* (C. Presl) Tindale
1426. Cyperaceae: *Hypolytrum pallidiceps* S. S. Hooper & T. Koyama
1427. Piperaceae: *Piper perstipulare* Steyerm.
1429. Melastomataceae: *Macrocentrum fasciculatum* (Rich. ex DC.) Triana
1430. Rubiaceae: *Patima minor* C. M. Taylor
1431. Solanaceae: *Solanum morii* S. Knapp
1432. Orchidaceae: *Elleanthus* sp.
1433. Lomariopsidaceae: *Elaphoglossum peltatum* f. *peltatum* (Sw.) Urb.
1434. Hymenophyllaceae: *Trichomanes pedicellatum* Desv.
1435a. Dicranaceae: *Holomitrium arboreum* Mitt.
1435b. Hookeriaceae: *Cyclodictyon varians* (Sull.) Kuntze
1436. Indet.: Indet. sp.
1437a. Hookeriaceae: *Cyclodictyon varians* (Sull.) Kuntze
1437b. Hypnaceae: *Ectropothecium leptochaeton* (Schwaegr.) W. R. Buck
1437c. Indet.: Indet. sp.
1437d. Sematophyllaceae: *Acroporium pungens* (Hedw.) Broth.
1437e. Hypnaceae: *Mittenothamnium reptans* (Hedw.) Cardot
1437f. Meteoriaceae: *Squamidium leucotrichum* (Taylor) Broth.
1438. Hymenophyllaceae: *Trichomanes vandenboschii* P. G. Windisch
1439. Davalliaceae: *Oleandra articulata* (Sw.) C. Presl
1440. Melastomataceae: *Clidemia* sp.
1441. Melastomataceae: *Miconia tillettii* Wurdack
1442. Campanulaceae: *Centropogon cornutus* (L.) Druce
1443. Myrtaceae: *Myrcia bracteata* (Rich.) DC.
1444. Orchidaceae: *Trichopilia wageneri* Rchb. f.
1445. Cyclanthaceae: Indet. sp.

1446. Melastomataceae: *Leandra clidemioides* (Naudin) Wurdack
1447. Apocynaceae: *Mandevilla steyermarkii* Woodson
1448. Indet.: Indet. sp.
1449. Rubiaceae: *Sipaneopsis cururuensis* J. H. Kirkbr.
1450. Rubiaceae: *Psychotria tepuiensis* (Steyerm.) Steyerm.
1451. Lamiaceae: *Amasonia campestris* (Aubl.) Moldenke
1452. Nyctaginaceae: *Guapira salicifolia* (Heimerl) Lundell
1453. Rubiaceae: *Schradera nilssonii* Steyerm.
1454. Rubiaceae: *Psychotria aubletiana* Steyerm.
1455. Cyclanthaceae: Indet. sp.
1456. Solanaceae: *Solanum costatum* M. Nee
1457. Clusiaceae: *Vismia latifolia* (Aubl.) Choisy
1458. Sapotaceae: *Pouteria grandis* Eyma
1459. Melastomataceae: *Miconia* sp.
1460. Araceae: *Anthurium expansum* Gleason
1461. Lomariopsidaceae: *Elaphoglossum decoratum* (Kunze) T. Moore
1462. Dryopteridaceae: *Cyclodium meniscioides* var. *meniscioides* (Willd.) C. Presl
1463. Cyatheaceae: *Cyathea dissimilis* (C. V. Morton) Stolze
1464. Gleicheniaceae: *Sticherus remotus* (Kaulf.) Chrysler
1465. Thelypteridaceae: *Thelypteris* sp.
1466. Piperaceae: *Piper cuyunianum* Steyerm.
1467. Apocynaceae: *Tabernaemontana* sp.
1468. Olacaceae: *Aptandra liriosmoides* Spruce ex Miers
1469. Sapotaceae: *Micropholis caudata* T. D. Penn.
1470. Cyclanthaceae: Indet. sp.
1471. Rubiaceae: *Psychotria* sp.
1472. Rubiaceae: *Psychotria glandulicalyx* Steyerm.
1473. Rubiaceae: *Psychotria ayangannensis* Steyerm.
1474. Rubiaceae: *Psychotria aligera* Steyerm.
1475. Compositae: *Baccharis brachylaenoides* DC.
1476. Myrsinaceae: *Cybianthus roraimae* (Steyerm.) G. Agostini
1477. Orchidaceae: *Octomeria cordilabia* C. Schweinf.
1478. Orchidaceae: *Brachionidium brevicaudatum* Rolfe
1479. Compositae: *Chromolaena pharcidodes* (B. L. Rob.) R. M. King & H. Rob.
1480. Piperaceae: *Piper trichoneuron* (Miq.) C. DC.
1481. Rubiaceae: *Psychotria transiens* Wernham
1482. Malpighiaceae: *Byrsonima pachypoda* W. R. Anderson
1483. Rubiaceae: *Rudgea hostmanniana* Benth.
1484. Bromeliaceae: *Tillandsia spiculosa* Griseb.
1485. Lauraceae: Indet. sp.
1486. Ochnaceae: *Sauvagesia longipes* Steyerm.
1487. Marcgraviaceae: *Marcgravia coriacea* Vahl
1488. Nyctaginaceae: *Guapira salicifolia* (Heimerl) Lundell
1489. Campanulaceae: *Centropogon roraimanus* E. Wimm.
1490. Araceae: *Stenospermation maguirei* A. M. E. Jonker & Jonker
1491. Clusiaceae: *Clusia crassifolia* Planch. & Triana
1492. Cyperaceae: *Rhynchospora immensa* Kük.
1493. Cyperaceae: *Mapania* sp.
1494. Clusiaceae: *Clusia capituliflora* Pipoly
1495. Clusiaceae: *Clusia cerroana* Steyerm.
1496. Cyatheaceae: *Cyathea dissimilis* (C. V. Morton) Stolze
1497. Dennstaedtiaceae: *Ormoloma imrayanum* (Kunze) Maxon
1498. Dennstaedtiaceae: *Lindsaea quadrangularis* ssp. *antillensis* K. U. Kramer
1499. Dennstaedtiaceae: *Lindsaea* sp.
1500. Melastomataceae: *Macrocentrum minus* Gleason
1501. Grammitidaceae: *Cochlidium furcatum* (Hook. & Grev.) C. Chr.
1502. Dennstaedtiaceae: *Lindsaea bifida* (Kaulf.) Kuhn
1503. Hymenophyllaceae: *Trichomanes cellulosum* Klotzsch
1504. Hymenophyllaceae: *Trichomanes arbuscula* Desv.
1505. Selaginellaceae: *Selaginella amazonica* Spring
1506. Selaginellaceae: Indet. sp.
1507. Pallaviciniaceae: Indet. sp.
1508. Aneuraceae: *Riccardia fucoidea* (Sw.) Mass
1509a. Leucobryaceae: *Leucobryum albicans* (Schwaegr.) Lindb.
1509b. Calymperaceae: *Syrrhopodon lycopodioides* (Brid.) Müll. Hal.
1510. Orthotrichaceae: *Macromitrium cirrosum* (Hedw.) Brid.
1511. Myrtaceae: *Myrcia* sp.
1512. Myrtaceae: *Myrcia sylvatica* (G. Mey.) DC.
1513. Rubiaceae: *Psychotria multiramosa* Steyerm.
1514. Myrtaceae: *Myrcia* sp.
1515. Melastomataceae: *Meriania crassiramis* (Naudin) Wurdack
1516. Melastomataceae: Indet. sp.
1517. Rubiaceae: *Remijia roraimae* (Benth.) K. Schum.
1518. Chloranthaceae: *Hedyosmum tepuiense* Todzia
1519. Myrtaceae: *Marlierea summa* McVaugh
1520. Ericaceae: *Thibaudia* sp.
1521. Compositae: *Mikania* sp.
1522. Rubiaceae: *Malanea gabrielensis* Müll. Arg.
1523. Orchidaceae: *Epidendrum dendrobioides* Thunb.
1524. Cunoniaceae: *Weinmannia guyanensis* Klotzsch ex Engl.
1525. Lycopodiaceae: *Lycopodiella cernua* var. *curvata* (Sw.) Kartesz & Gandhi
1526. Blechnaceae: *Blechnum violaceum* (Fée) C. Chr.
1527. Cyatheaceae: *Cyathea macrosora* (Baker) Domin var. *macrosora*
1528. Poaceae: *Rhipidocladum maxonii* (Hitchc.) McClure
1529. Bonnetiaceae: *Bonnetia rubicunda* (Sastre) A. L. Weitzman & P. F. Stevens
1530. Arecaceae: *Geonoma undata* ssp. *appuniana* (Spruce) A. J. Hend.
1531. Poaceae: *Neurolepis angusta* Swallen
1532. Melastomataceae: *Miconia superba* Ule
1533. Rapateaceae: *Stegolepis steyermarkii* Maguire
1534. Araliaceae: *Schefflera* sp.

1535. Clusiaceae: *Clusia melchiori* Gleason
1536. Rubiaceae: *Psychotria officinalis* (Aubl.) Raeusch. ex C. I. Sandwith
1537. Cucurbitaceae: Indet. sp.
1538. Rubiaceae: *Psychotria aubletiana* Steyerm.
1539. Orchidaceae: *Schlimmia alpina* Rchb. f. & Warszewicz
1540. Melastomataceae: *Graffenrieda obliqua* Triana
1541. Rubiaceae: *Psychotria wessels-boeri* Steyerm.
1542. Rubiaceae: *Psychotria plocamipes* Wernham
1543. Hippocrateaceae: *Peritassa laevigata* (Hoffmanns. ex Link) A. C. Sm.
1544. Melastomataceae: *Miconia* sp.
1545. Sabiaceae: *Meliosma herbertii* ssp. *herbertii* Rolfe
1546. Melastomataceae: Indet. sp.
1547. Araceae: *Anthurium roraimense* N. E. Br.
1548. Loranthaceae: Indet. sp.
1549. Dryopteridaceae: *Cyclodium meniscioides* var. *meniscioides* (Willd.) C. Presl
1550. Hymenophyllaceae: *Trichomanes rigidum* Sw.
1551. Grammitidaceae: *Lellingeria moranii*
1552. Calymperaceae: *Syrrhopodon lycopodioides* (Brid.) Müll. Hal.
1553a. Calymperaceae: *Calymperes guildingii* Hook. & Grev.
1553b. Calymperaceae: *Calymperes venezuelanum* (Mitt.) Pitt ex Broth.
1554. Calymperaceae: *Calymperes venezuelanum* (Mitt.) Pitt ex Broth.
1555. Pallaviciniaceae: Indet. sp.
1556a. Callicostaceae: *Thamniopsis undata* (Hedw.) W. R. Buck
1556b. Hookeriaceae: *Stenodictyon wrightii* (Sull. & Lesq.) Crosby
1557. Pallaviciniaceae: Indet. sp.
1558a. Hookeriaceae: *Stenodictyon wrightii* (Sull. & Lesq.) Crosby
1558b. Callicostaceae: *Thamniopsis undata* (Hedw.) W. R. Buck
1559. Indet.: Indet. sp.
1560a. Calymperaceae: *Syrrhopodon prolifer* var. *cincinnatus* (Hampe) Reese
1560b. Lepidoziaceae: *Bazzania* sp.
1560c. Calymperaceae: *Syrrhopodon lycopodioides* (Brid.) Müll. Hal.
1561. Xyridaceae: *Orectanthe sceptrum* var. *sceptrum* (Oliv.) Maguire
1562. Xylariaceae: Indet. sp.
1563. Bromeliaceae: *Vriesea duidae* (L. B. Sm.) Gouda
1564. Rubiaceae: *Psychotria crocochlamys* Sandwith
1565. Fabaceae: *Chamaecrista roraimae* (Benth.) Gleason
1566. Rubiaceae: *Psychotria tapajozensis* Standl.
1567. Loranthaceae: *Psittacanthus leptanthus* A. C. Sm.
1568. Ericaceae: Indet. sp.
1569. Rubiaceae: *Psychotria plocamipes* Wernham
1570. Orchidaceae: *Maxillaria auyantepuiensis* Foldats
1571. Orchidaceae: *Maxillaria bolivarensis* C. Schweinf.
1572. Orchidaceae: *Elleanthus* sp.
1573. Orchidaceae: *Houlletia odoratissima* Linden ex Lindl.
1574. Clusiaceae: *Clusia sessilis* Klotzsch ex Engl.
1575. Araceae: *Anthurium bonplandii* ssp. *bonplandii* G. S. Bunting
1576. Araceae: *Anthurium scandens* (Aubl.) Engl.
1577. Araceae: *Anthurium bonplandii* var. nov.? G. S. Bunting
1578. Araceae: *Anthurium bonplandii* ssp. *bonplandii* G. S. Bunting
1579. Araceae: *Anthurium maguirei* A. D. Hawkes
1580. Araceae: *Anthurium crassinervium* (Jacq.) Schott
1581. Araceae: *Anthurium ptarianum* Steyerm.
1582. Grammitidaceae: *Cochlidium tepuiense* (A. C. Sm.) L. E. Bishop
1583. Lomariopsidaceae: *Elaphoglossum plumosum* (Fée) T. Moore
1584. Schizaeaceae: *Schizaea elegans* (Vahl) Sw.
1585. Lomariopsidaceae: *Elaphoglossum luridum* (Fée) Christ
1586. Dennstaedtiaceae: *Lindsaea schomburgkii* f. *corifolia* (Lindm.) K. U. Kramer
1587. Lomariopsidaceae: *Elaphoglossum macrophyllum* (Mett. ex Kuhn) Christ
1588. Cyclanthaceae: Indet. sp.
1589. Bromeliaceae: *Tillandsia fendleri* Griseb.
1590. Bromeliaceae: *Tillandsia spiculosa* Griseb.
1591. Orchidaceae: *Koellensteinia eburnea* (Barb. Rodr.) Schltr.
1592. Orchidaceae: *Cleistes rosea* Lindl.
1593. Melastomataceae: *Comolia villosa* (Aubl.) Triana
1594. Poaceae: *Panicum chnoodes* Trin.
1595. Cyperaceae: *Rhynchospora arenicola* Uittien
1596. Orchidaceae: *Cleistes tenuis* (Rchb. f. ex Griseb.) Schltr.
1597. Dennstaedtiaceae: *Lindsaea stricta* var. *jamesoniiformis* K. U. Kramer
1598. Dennstaedtiaceae: *Lindsaea pendula* Klotzsch
1599. Poaceae: *Echinolaena inflexa* (Poir.) Chase
1599a. Indet.: Indet. sp.
1600. Bromeliaceae: *Lindmania guianensis* (Beer) Mez
1601. Melastomataceae: *Tococa nitens* (Benth.) Triana
1602. Compositae: *Calea oliveri* B. L. Rob. & Greenm.
1603. Rubiaceae: *Psychotria campylopoda* Standl.
1604. Iridaceae: *Trimezia guianensis* Ravenna
1605. Rubiaceae: *Retiniphyllum scabrum* Benth.
1606. Melastomataceae: *Clidemia pycnaster* ssp. *pycnaster* Tutin
1607. Aquifoliaceae: *Ilex guianensis* (Aubl.) Kuntze
1608. Orchidaceae: *Habenaria* sp.
1609. Bonnetiaceae: *Bonnetia sessilis* Benth.
1610. Poaceae: *Panicum nervosum* Lam.
1610a. Polygalaceae: *Polygala appressa* Benth.
1611. Ericaceae: *Bejaria sprucei* Meisn.

1612. Compositae: *Mikania sprucei* Baker
1613. Orchidaceae: *Epistephium* sp.
1614. Xyridaceae: *Xyris setigera* Oliv. ex Thurn
1615. Apocynaceae: *Mandevilla subcarnosa* (Benth.) Woodson
1616. Apocynaceae: *Mandevilla benthamii* (A. DC.) K. Schum.
1617. Ochnaceae: *Sauvagesia angustifolia* Ule
1618. Orchidaceae: *Eriopsis biloba* Lindl.
1619. Orchidaceae: *Cleistes* sp.
1620. Malpighiaceae: *Byrsonima carraoana* Steyerm.
1621. Loranthaceae: *Phthirusa stelis* (L.) Kuijt
1622. Xyridaceae: *Abolboda acaulis* var. *acaulis* Maguire
1623. Rubiaceae: *Perama dichotoma* Poepp.
1624. Pentaphylacaceae: *Ternstroemia* sp.
1625. Dennstaedtiaceae: *Lindsaea schomburgkii* f. *corifolia* (Lindm.) K. U. Kramer
1626. Schizaeaceae: *Schizaea poeppigiana* J. W. Sturm
1627. Adiantaceae: *Pityrogramma calomelanos* (L.) Link
1628. Grammitidaceae: *Micropolypodium taenifolium* (Jenman) A. R. Sm.
1629. Rubiaceae: *Pagamea capitata* Benth.
1630. Cyperaceae: *Lagenocarpus rigidus* ssp. *tremulus* (Nees) T. Koyama & Maguire
1631. Bonnetiaceae: *Archytaea triflora* Mart.
1632. Loranthaceae: Indet. sp.
1633. Clusiaceae: *Clusia macropoda* Klotzsch ex Engl.
1634. Rapateaceae: *Stegolepis angustata* Gleason
1635. Rapateaceae: *Saxo-fridericia regalis* R. H. Schomb.
1636. Poaceae: *Panicum polycomum* Trin.
1637. Cyperaceae: *Rhynchospora filiformis* Vahl
1638. Xyridaceae: *Xyris involucrata* Nees
1639. Bromeliaceae: *Guzmania squarrosa* (Mez & Sodiro) L. B. Sm. & Pittendr.
1639b. Lycopodiaceae: *Lycopodiella contexta* (Mart.) Holub
1640a. Indet.: Indet. sp.
1640b. Funariaceae: *Funaria hygrometrica* var. *calvescens* (Schwaegr.) Mont.
1641. Bromeliaceae: *Brocchinia steyermarkii* L. B. Sm.
1642. Orchidaceae: *Sobralia valida* Rolfe
1643. Orchidaceae: *Otostylis brachystalix* (Rchb. f.) Schltr.
1644. Cyperaceae: *Hypolytrum pulchrum* (Rudge) H. Pfeiff.
1645. Rapateaceae: *Rapatea fanshawei* Maguire
1646. Ericaceae: Indet. sp.
1647. Lamiaceae: *Amasonia campestris* (Aubl.) Moldenke
1648. Asclepiadaceae: *Matelea* sp.
1649. Liliaceae: *Nietneria paniculata* Steyerm.
1650. Lentibulariaceae: *Utricularia subulata* L.
1651. Lentibulariaceae: *Genlisea repens* Benj.
1652. Gesneriaceae: *Nautilocalyx cordatus* (Gleason) L. E. Skog
1653. Cyperaceae: *Hypolytrum pulchrum* (Rudge) H. Pfeiff.
1654. Cyperaceae: *Didymiandrum stellatum* (Boeckeler) Gilly
1655. Cyperaceae: *Scleria cyperina* Willd. ex Kunth
1656. Myrsinaceae: *Myrsine maguireana* Pipoly
1657. Myrsinaceae: *Cybianthus lepidotus* (Gleason) G. Agostini
1658. Araceae: *Philodendron insigne* Schott
1659. Rubiaceae: *Psychotria hemicephaelis* Wernham
1660. Hymenophyllaceae: *Hymenophyllum dependens* C. V. Morton
1661. Cyatheaceae: *Cyathea platylepis* (Hook.) Domin
1662. Cyatheaceae: *Cyathea macrocarpa* (C. Presl) Domin
1663. Grammitidaceae: *Grammitis melanosticta* (Kunze) F. Seym.
1664. Sphagnaceae: *Sphagnum* sp.
1665. Lomariopsidaceae: *Elaphoglossum glabellum* J. Sm.
1666. Lentibulariaceae: *Utricularia humboldtii* R. H. Schomb.
1667. Bromeliaceae: *Guzmania lingulata* (L.) Mez
1668. Aquifoliaceae: *Ilex* sp.
1669. Melastomataceae: Indet. sp.
1670. Rubiaceae: *Psychotria potaroensis* (Sandwith) Steyerm.
1671. Euphorbiaceae: *Aparisthmium cordatum* (A. Juss.) Baill.
1672. Ascomycete: *Nectria* sp.
1673. Heliconiaceae: *Heliconia acuminata* A. Rich.
1674. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.
1675. Araceae: *Anthurium ptarianum* Steyerm.
1676. Piperaceae: *Piper glabrescens* (Miq.) C. DC.
1677. Polyporaceae: Indet. sp.
1678. Cyperaceae: *Pleurostachys* sp.
1679. Fabaceae: *Calliandra surinamensis* Benth.
1680. Rubiaceae: *Borreria* sp.
1681. Araceae: *Spathiphyllum cannifolium* (Dryand. ex Sims) Schott
1682. Cyperaceae: *Diplasia karatifolia* Rich. ex Pers.
1683. Apocynaceae: *Prestonia* sp.
1684. Rubiaceae: *Malanea gabrielensis* Müll. Arg.
1685. Orchidaceae: *Epidendrum macrocarpum* Rich.
1686. Clusiaceae: *Clusia hammeliana* Pipoly
1687. Menispermaceae: *Abuta obovata* Diels
1688. Bromeliaceae: *Catopsis berteroniana* (Schult. & Schult. f.) Mez
1689. Melastomataceae: *Phainantha laxiflora* (Triana) Gleason
1690. Indet.: Indet. sp.
1691. Dichapetalaceae: *Dichapetalum pedunculatum* (DC.) Baill.
1692. Chrysobalanaceae: *Hirtella guyanensis* (Fritsch) Sandwith
1693. Melastomataceae: *Miconia ciliata* (Rich.) DC.
1694. Melastomataceae: *Aciotis caulialata* (Ruiz & Pav.) Triana
1695. Orchidaceae: *Rodriguezia lanceolata* Ruiz & Pav.
1696. Ochnaceae: *Sauvagesia elata* Benth.
1697. Rubiaceae: *Psychotria platypoda* DC.
1698. Araceae: *Anthurium gracile* (Rudge) Schott
1699. Lauraceae: *Chlorocardium rodiei* (R. H. Schomb.) Rohwer et al.

1700. Arecaceae: *Bactris ptariana* Steyerm.
1701. Vochysiaceae: Indet. sp.
1702. Sapindaceae: *Toulicia guianensis* Aubl.
1703. Asclepiadaceae: *Tassadia propinqua* Decne.
1704. Melastomataceae: *Miconia plukenetii* Naudin
1705. Ochnaceae: Indet. sp.
1706. Loranthaceae: *Phthirusa stelis* (L.) Kuijt
1707. Rubiaceae: *Psychotria mapourioides* DC.
1708. Lauraceae: Indet. sp.
1709. Orchidaceae: *Encyclia chloroleuca* (Hook.) Neumann
1710. Malpighiaceae: *Banisteriopsis martiniana* var. *martiniana* (A. Juss.) Cuatrec.
1711. Loranthaceae: *Oryctanthus florulentus* (Rich.) Tiegh.
1712. Orchidaceae: *Epidendrum flexuosum* G. Mey.
1713. Clusiaceae: *Clusia myriandra* (Benth.) Planch. & Triana
1714. Clusiaceae: *Clusia cuneata* Benth.
1715. Connaraceae: *Connarus coriaceus* G. Schellenb.
1716. Euphorbiaceae: *Conceveiba guianensis* Aubl.
1717. Fabaceae: *Macrosamanea pubiramea* (Steud.) Barneby & J. W. Grimes
1718. Fabaceae: *Hydrochorea gonggrijpii* (Kleinhoonte) Barneby & J. W. Grimes
1719. Humiriaceae: *Humiria* sp.
1720. Convolvulaceae: *Lysiostyles scandens* Benth.
1721. Chrysobalanaceae: *Licania majuscula* Sagot
1722. Burseraceae: *Protium crassipetalum* Cuatrec.
1723. Erythroxylaceae: *Erythroxylum* sp.
1724. Connaraceae: *Rourea frutescens* Aubl.
1725. Sapotaceae: *Pouteria surumuensis* Baehni
1726. Smilacaceae: *Smilax* sp.
1727. Rhizophoraceae: *Cassipourea guianensis* Aubl.
1728. Rutaceae: *Spiranthera guianensis* Sandwith
1729. Linaceae: *Hebepetalum humiriifolium* (Planch.) Benth.
1730. Aquifoliaceae: *Ilex martiniana* D. Don
1731. Sapotaceae: Indet. sp.
1732. Elaeocarpaceae: *Sloanea* sp.
1733. Myristicaceae: *Iryanthera lancifolia* Ducke
1734. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
1735. Araceae: *Philodendron fragrantissimum* Kunth
1736. Bromeliaceae: *Araeococcus micranthus* Brongn.
1737. Bromeliaceae: Indet. sp.
1738. Bromeliaceae: *Tillandsia spiculosa* Griseb.
1739. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
1740a. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
1740b. Bromeliaceae: *Aechmea nudicaulis* (L.) Griseb.
1741a. Melastomataceae: *Henriettea multiflora* Naudin
1741b. Marcgraviaceae: *Souroubea guianensis* Aubl.
1742. Malpighiaceae: *Spachea elegans* (G. Mey.) A. Juss.
1743. Chrysobalanaceae: *Hirtella paniculata* Sw.
1744. Orchidaceae: *Rodriguezia lanceolata* Ruiz & Pav.
1745. Chrysobalanaceae: *Licania guianensis* (Aubl.) Griseb.
1746. Gesneriaceae: *Codonanthe crassifolia* (H. Focke) C. V. Morton
1747. Malpighiaceae: *Heteropterys leona* (Cav.) Exell
1748. Rhizophoraceae: *Cassipourea guianensis* Aubl.
1749. Apocynaceae: *Odontadenia nitida* (Vahl) Müll. Arg.
1750. Fabaceae: *Pterocarpus officinalis* Jacq.
1751. Polygonaceae: *Coccoloba* sp.
1752. Orchidaceae: *Polystachya concreta* (Jacq.) Garay & H. R. Sweet
1753. Apocynaceae: *Prestonia annularis* (L. f.) G. Don
1754. Fabaceae: *Campsiandra comosa* var. *surinamensis* (Kleinhoonte) Stergios
1755. Rubiaceae: *Manettia alba* (Aubl.) Wernham
1756. Clusiaceae: *Caraipa grandifolia* Mart.
1757. Fabaceae: *Dioclea scabra* (Rich.) R. H. Maxwell
1758. Gentianaceae: *Coutoubea ramosa* Aubl.
1759. Olacaceae: *Heisteria cauliflora* Sm.
1760. Verbenaceae: *Petrea bracteata* Steud.
1761. Orchidaceae: *Epidendrum nocturnum* Jacq.
1762. Myrtaceae: *Marlierea schomburgkiana* O. Berg
1763. Sterculiaceae: *Sterculia pruriens* (Aubl.) K. Schum.
1764. Melastomataceae: *Miconia mirabilis* (Aubl.) L. O. Williams
1765. Hippocrateaceae: *Elachyptera floribunda* (Benth.) A. C. Sm.
1766. Sapotaceae: *Chrysophyllum argenteum* Jacq.
1767. Bignoniaceae: *Anemopaegma chrysoleucum* (Kunth) Sandwith
1768. Fabaceae: *Vatairea guianensis* Aubl.
1769. Lamiaceae: *Vitex stahelii* Moldenke
1770. Malpighiaceae: *Heteropterys siderosa* Cuatrec.
1771. Lauraceae: *Endlicheria multiflora* (Miq.) Mez
1772. Vochysiaceae: *Vochysia tetraphylla* (G. Mey.) DC.
1773. Fabaceae: *Dioclea* sp.
1774. Bignoniaceae: *Adenocalymna inundatum* var. *surinamense* Bureau & K. Schum.
1775. Bignoniaceae: *Memora schomburgkii* (DC.) Miers
1776. Apocynaceae: *Odontadenia perrottetii* (A. DC.) Woodson
1777. Bignoniaceae: *Distictella elongata* (Vahl) Urb.
1778. Marcgraviaceae: *Souroubea guianensis* Aubl.
1779. Convolvulaceae: *Maripa* sp.
1780. Menispermaceae: *Orthomene schomburgkii* (Miers) Barneby & Krukoff
1781. Sapotaceae: *Micropholis venulosa* (Mart. & Eichler ex Miq.) Pierre
1782. Myristicaceae: *Virola surinamensis* (Rol.) Warb.
1783. Rubiaceae: *Duroia eriopila* L. f.
1784. Chrysobalanaceae: *Parinari campestris* Aubl.
1785. Fabaceae: *Eperua* sp.
1786. Araceae: *Anthurium trinervium* Miq.
1787. Indet.: Indet. sp.
1788. Malpighiaceae: *Heteropterys multiflora* Hochr.
1789. Caryocaraceae: *Caryocar microcarpum* Ducke

1790. Cyclanthaceae: *Thoracocarpus bissectus* (Vell.) Harling
1791. Orchidaceae: *Rodriguezia lanceolata* Ruiz & Pav.
1792. Rubiaceae: *Psychotria mapourioides* DC.
1793. Myrtaceae: *Myrcia* sp.
1794. Myrtaceae: *Marlierea cuprea* Amshoff
1795. Sapindaceae: Indet. sp.
1796. Connaraceae: *Rourea frutescens* Aubl.
1797. Loganiaceae: *Strychnos* sp.
1798. Fabaceae: *Eperua schomburgkiana* Benth.
1799. Marcgraviaceae: *Marcgravia purpurea* I. W. Bailey
1800. Clusiaceae: *Clusia brachystyla* Maguire
1801. Rubiaceae: *Psychotria mapourioides* DC.
1802. Myrtaceae: *Myrcia subobliqua* (Benth.) Neidenzu
1803. Fabaceae: *Macrolobium bifolium* (Aubl.) Pers.
1804. Burseraceae: *Protium decandrum* (Aubl.) Marchand
1805. Fabaceae: *Machaerium quinatum* var. *quinatum* (Aubl.) Sandwith
1806. Elaeocarpaceae: Indet. sp.
1807. Myrtaceae: *Calycorectes bergii* Sandwith
1808. Passifloraceae: *Dilkea* sp.
1809. Orchidaceae: *Caularthron bicornutum* (Hook.) Raf.
1810. Gesneriaceae: *Nautilocalyx pictus* (Hook.) Sprague
1811. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
1812. Adiantaceae: *Adiantum latifolium* Lam.
1813. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
1814. Hippocrateaceae: Indet. sp.
1815. Marcgraviaceae: *Marcgravia coriacea* Vahl
1816. Marcgraviaceae: *Marcgravia coriacea* Vahl
1817. Bignoniaceae: *Adenocalymna inundatum* var. *surinamense* Bureau & K. Schum.
1818. Bignoniaceae: *Distictella magnoliifolia* (Kunth) Sandwith
1819. Fabaceae: *Pentaclethra macroloba* (Willd.) Kuntze
1820. Ochnaceae: *Elvasia quinqueloba* Spruce ex Engl.
1821. Rubiaceae: *Randia calycina* Cham.
1822. Apocynaceae: *Tabernaemontana* sp.
1823. Fabaceae: *Abarema jupunba* var. *trapezifolia* (Vahl) Barneby & J. W. Grimes
1824. Malpighiaceae: *Byrsonima spicata* (Cav.) DC.
1825. Asclepiadaceae: *Blepharodon nitidus* (Vell.) J. F. Macbr.
1826. Rubiaceae: *Palicourea guianensis* Aubl.
1827. Melastomataceae: *Miconia prasina* (Sw.) DC.
1828. Caryocaraceae: *Anthodiscus trifoliatus* G. Mey.
1829. Tiliaceae: *Apeiba petoumo* Aubl.
1830. Lecythidaceae: *Lecythis alutacea* (A. C. Sm.) S. A. Mori
1831. Melastomataceae: *Miconia chrysophylla* (Rich.) Urb.
1832. Malpighiaceae: *Mascagnia sinemariensis* (Aubl.) Griseb.
1833. Dichapetalaceae: *Tapura guianensis* Aubl.
1834. Melastomataceae: *Miconia ceramicarpa* (DC.) Cogn.
1835. Dilleniaceae: *Doliocarpus guianensis* (Aubl.) Gilg
1836. Apocynaceae: *Tabernaemontana* sp.
1837. Euphorbiaceae: *Chaetocarpus schomburgkianus* (Kuntze) Pax & K. Hoffm.
1838. Malpighiaceae: Indet. sp.
1839. Lamiaceae: *Aegiphila racemosa* Vell.
1840. Gnetaceae: *Gnetum camporum* (Markgr.) D. W. Stev. & T. Zanoni
1841. Lauraceae: *Ocotea cernua* (Nees) Mez
1842a. Polypodiaceae: *Microgramma reptans* (Cav.) A. R. Sm.
1842b. Apocynaceae: *Forsteronia guyanensis* Müll. Arg.
1843a. Loranthaceae: *Phthirusa stelis* (L.) Kuijt
1843b. Fabaceae: *Dalbergia monetaria* L. f.
1844. Boraginaceae: *Cordia nodosa* Lam.
1845. Orchidaceae: *Brassavola angustata* Lindl.
1846. Melastomataceae: *Miconia pubipetala* Miq.
1847. Rubiaceae: *Sabicea glabrescens* Benth.
1848. Acanthaceae: *Justicia calycina* (Nees) V. A. W. Graham
1849. Rubiaceae: *Malanea gabrielensis* Müll. Arg.
1850. Amaryllidaceae: *Crinum erubescens* Aiton
1851. Apocynaceae: *Bonafousia rupicola* (Benth.) Miers
1852. Chrysobalanaceae: *Chrysobalanus icaco* L.
1853. Apocynaceae: *Malouetia* sp.
1854. Indet.: Indet. sp.
1855. Malpighiaceae: *Byrsonima gymnocalycina* A. Juss.
1856. Myristicaceae: *Virola surinamensis* (Rol.) Warb.
1857. Rhizophoraceae: *Rhizophora racemosa* G. Mey.
1858. Chrysobalanaceae: *Licania heteromorpha* var. *heteromorpha* Benth.
1859. Icacinaceae: *Emmotum fagifolium* Desv. ex Ham.
1860. Fabaceae: *Machaerium inundatum* (Mart. ex Benth.) Ducke
1861. Moraceae: *Ficus nymphaeifolia* Mill.
1862. Ebenaceae: *Diospyros guianensis* (Aubl.) Gürke
1863. Fabaceae: *Eperua jenmanii* Oliv.
1864. Euphorbiaceae: *Amanoa guianensis* Aubl.
1865. Fabaceae: *Machaerium ferox* (Mart. ex Benth.) Ducke
1866. Olacaceae: *Heisteria* sp.
1867. Myrsinaceae: *Cybianthus surinamensis* (Spreng.) G. Agostini
1868. Lecythidaceae: *Lecythis zabucajo* Aubl.
1869. Clusiaceae: *Symphonia globulifera* L. f.
1870. Fabaceae: Indet. sp.
1871. Indet.: Indet. sp.
1872. Apocynaceae: *Allamanda cathartica* L.
1873. Chrysobalanaceae: *Hirtella guyanensis* (Fritsch) Sandwith
1874. Chrysobalanaceae: *Licania densiflora* Kleinh.
1875. Loranthaceae: *Phoradendron crassifolium* (Pohl ex DC.) Eichler
1876. Malpighiaceae: *Hiraea faginea* (Sw.) Nied.
1877. Orchidaceae: *Encyclia vespa* (Vell.) Dressler
1878. Orchidaceae: *Catasetum* sp.
1879. Gesneriaceae: *Paradrymonia maculata* (Hook. f.) Wiehler
1880. Myrsinaceae: *Ardisia guianensis* (Aubl.) Mez
1881. Quiinaceae: Indet. sp.
1882. Orchidaceae: *Maxillaria violaceopunctata* Rchb. f.

1883. Orchidaceae: *Maxillaria crassifolia* (Lindl.) Rchb. f.
1884. Rubiaceae: *Psychotria uliginosa* Sw.
1885. Gesneriaceae: *Besleria saxicola* C. V. Morton
1886. Melastomataceae: *Miconia nervosa* (Sm.) Triana
1887. Piperaceae: *Piper* sp.
1888. Hymenophyllaceae: *Trichomanes elegans* Rich.
1889. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
1890. Hymenophyllaceae: *Trichomanes diversifrons* (Bory) Mett. ex Sadeb.
1891. Violaceae: *Paypayrola longifolia* Tul.
1892. Gesneriaceae: *Codonanthe calcarata* (Miq.) Hanst.
1893. Araceae: *Anthurium maguirei* A. D. Hawkes
1894. Bromeliaceae: *Tillandsia monadelpha* (E. Morren) Baker
1895. Sapindaceae: *Matayba inelegans* Spruce ex Radlk.
1896. Nyctaginaceae: Indet. sp.
1897. Passifloraceae: *Passiflora glandulosa* Cav.
1898. Orchidaceae: *Wullschlaegelia calcarata* Benth.
1899. Gnetaceae: *Gnetum leyboldii* Tul.
1900. Clusiaceae: *Tovomita albiflora* A. C. Sm.
1901. Apocynaceae: *Bonafousia undulata* (Vahl) A. DC.
1902. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
1903. Marantaceae: *Monotagma spicatum* (Aubl.) J. F. Macbr.
1904. Marantaceae: *Calathea cyclophora* Baker
1905. Melastomataceae: *Clidemia venosa* (Gleason) Wurdack
1906. Costaceae: *Costus congestiflorus* Rich. ex Gagnep.
1907. Marantaceae: *Calathea elliptica* (Roscoe) K. Schum.
1908. Araceae: *Spathiphyllum cuspidatum* Schott
1910. Melastomataceae: *Leandra divaricata* (Naudin) Cogn.
1911. Rubiaceae: *Psychotria acuminata* Benth.
1912. Rubiaceae: *Psychotria racemosa* Rich.
1913. Rubiaceae: *Psychotria cupularis* (Müll. Arg.) Standl.
1914. Dennstaedtiaceae: *Lindsaea dubia* Spreng.
1915. Adiantaceae: *Adiantum terminatum* Kunze ex Miq.
1916. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
1917. Cyatheaceae: *Cyathea surinamensis* (Miq.) Domin
1918. Blechnaceae: *Salpichlaena volubilis* (Kaulf.) J. Sm.
1919. Dryopteridaceae: *Cyclodium meniscioides* var. *meniscioides* (Willd.) C. Presl
1920. Polypodiaceae: *Microgramma fuscopunctata* (Hook.) Vareschi
1921. Dennstaedtiaceae: *Saccoloma elegans* ssp. *chartaceum* Nair ex Cremers & K. U. Kramer
1922. Cyclanthaceae: Indet. sp.
1923. Orchidaceae: *Rodriguezia lanceolata* Ruiz & Pav.
1924. Piperaceae: *Piper* sp.
1925. Piperaceae: *Piper* sp.
1926. Rubiaceae: *Palicourea guianensis* Aubl.
1927. Fabaceae: *Senna* sp.
1928. Rubiaceae: *Psychotria bracteocardia* (DC.) Müll. Arg.
1929. Poaceae: Indet. sp.
1930. Cyperaceae: *Hypolytrum longifolium* ssp. *sylvaticum* (Poepp. & Kunth) T. Koyama
1931. Annonaceae: *Duguetia yeshidan* Sandwith
1932. Acanthaceae: *Mendoncia hoffmannseggiana* Nees
1933. Solanaceae: *Solanum rugosum* Dunal
1934. Solanaceae: *Solanum leucocarpon* Dunal
1935. Hymenophyllaceae: *Hymenophyllum decurrens* (Jacq.) Sw.
1936. Cyperaceae: *Diplasia karatifolia* Rich. ex Pers.
1937. Ebenaceae: *Diospyros guianensis* (Aubl.) Gürke
1938. Fabaceae: *Mimosa myriadenia* Benth.
1939. Bignoniaceae: *Anemopaegma chrysoleucum* (Kunth) Sandwith
1940. Orchidaceae: *Epidendrum carpophorum* Barb. Rodr.
1941. Orchidaceae: *Cheiradenia cuspidata* Lindl.
1942. Smilacaceae: *Smilax schomburgkiana* Kunth
1943. Fabaceae: *Brownea* sp.
1944. Rubiaceae: *Psychotria apoda* Steyerm.
1945. Piperaceae: *Piper arboreum* Aubl.
1946. Araceae: *Spathiphyllum cuspidatum* Schott
1947. Poaceae: *Panicum pilosum* Sw.
1948. Gesneriaceae: *Nautilocalyx pictus* (Hook.) Sprague
1949. Gesneriaceae: *Nautilocalyx mimuloides* (Benth.) C. V. Morton
1950. Marattiaceae: *Danaea simplicifolia* Rudge
1951. Tectariaceae: *Triplophyllum funestum* var. *funestum* (Kunze) Holttum
1952. Adiantaceae: *Adiantum cajennense* Willd. ex Klotzsch
1953. Thelypteridaceae: *Thelypteris leprieurii* var. *leprieurii* (Hook.) R. M. Tryon
1954. Hymenophyllaceae: *Trichomanes pedicellatum* Desv.
1955. Fabaceae: *Inga bourgoni* (Aubl.) DC.
1956. Amaryllidaceae: *Hymenocallis tubiflora* Salisb.
1957. Marantaceae: *Ischnosiphon obliquus* (Rudge) Körn.
1958. Rubiaceae: *Gonzalagunia dicocca* Cham. & Schltdl.
1959. Poaceae: *Olyra latifolia* L.
1960. Piperaceae: *Piper hispidum* Sw.
1961. Euphorbiaceae: *Conceveiba guianensis* Aubl.
1962. Heliconiaceae: *Heliconia spathocircinata* Aristeg.
1963. Heliconiaceae: *Heliconia bihai* (L.) L.
1964. Heliconiaceae: *Heliconia richardiana* Miq.
1965. Bromeliaceae: *Vriesea gladioliflora* (H. Wendl.) Antoine
1966. Adiantaceae: *Adiantum phyllitidis* J. Sm.
1967. Tectariaceae: *Tectaria incisa* Cav.
1968. Oxalidaceae: *Oxalis frutescens* L.
1969. Fabaceae: *Elizabetha coccinea* var. *oxyphylla* (Harms) R. S. Cowan
1970. Myrtaceae: *Myrciaria vismeifolia* (Benth.) O. Berg
1971. Olacaceae: *Heisteria cauliflora* Sm.
1972. Apocynaceae: *Bonafousia rupicola* (Benth.) Miers
1973. Flacourtiaceae: *Homalium guianense* (Aubl.) Oken
1974. Fabaceae: *Calliandra surinamensis* Benth.
1975. Myrtaceae: *Eugenia florida* DC.

1976. Euphorbiaceae: *Croton cuneatus* Klotzsch
1977. Malpighiaceae: *Byrsonima gymnocalycina* A. Juss.
1978. Combretaceae: *Combretum rotundifolium* Rich.
1979. Hippocrateaceae: Indet. sp.
1980. Hippocrateaceae: Indet. sp.
1981. Myrtaceae: *Psidium acutangulum* DC.
1982. Violaceae: *Corynostylis arborea* (L.) S. F. Blake
1983. Chrysobalanaceae: *Couepia comosa* Benth.
1984. Myrsinaceae: *Stylogyne orinocensis* (Kunth) Mez
1985. Moraceae: *Ficus pertusa* L. f.
1986. Combretaceae: *Buchenavia megalophylla* Van Heurck & Müll. Arg.
1987. Bignoniaceae: *Arrabidaea inaequalis* (DC. ex Splitg.) K. Schum.
1988. Melastomataceae: *Macairea pachyphylla* Benth.
1989. Davalliaceae: *Nephrolepis cordifolia* (L.) C. Presl f. *duffii*
1990. Schizaeaceae: *Lygodium microphyllum* (Cav.) R. Br.
1991. Fabaceae: *Inga* sp.
1992. Eriocaulaceae: *Paepalanthus fasciculatus* (Rottb.) Kunth
1993. Rubiaceae: *Pagamea guianensis* Aubl.
1994. Poaceae: *Homolepis isocalycia* (G. Mey.) Chase
1995. Xyridaceae: *Xyris jupicai* Rich.
1996. Schizaeaceae: *Schizaea incurvata* Schkuhr
1997. Cyperaceae: *Lagenocarpus guianensis* Lindl. & Nees
1998. Bignoniaceae: *Potamoganos microcalyx* (G. Mey.) Sandwith
1999. Melastomataceae: Indet. sp.
2000. Violaceae: *Rinorea riana* Kuntze
2001. Annonaceae: *Annona sericea* Dunal
2002. Rubiaceae: *Morinda tenuiflora* (Benth.) Steyerm.
2003. Chrysobalanaceae: *Licania persaudii* Fanshawe & Maguire
2004. Passifloraceae: *Passiflora ovata* Jos. Martin ex DC.
2005. Bignoniaceae: *Arrabidaea inaequalis* (DC. ex Splitg.) K. Schum.
2006. Lauraceae: *Endlicheria multiflora* (Miq.) Mez
2007. Fabaceae: *Acosmium nitens* (Vogel) Yakovlev
2008. Bignoniaceae: *Cydista aequinoctialis* (L.) Miers
2009. Cucurbitaceae: *Gurania* sp.
2010. Orchidaceae: *Epidendrum flexuosum* G. Mey.
2011. Connaraceae: *Connarus patrisii* (DC.) Planch.
2012. Fabaceae: *Machaerium inundatum* (Mart. ex Benth.) Ducke
2013. Clusiaceae: *Clusia flavida* (Benth.) Pipoly
2014. Melastomataceae: *Miconia plukenetii* Naudin
2015. Fabaceae: *Inga* sp.
2016. Fabaceae: *Dalbergia monetaria* L. f.
2017. Myrtaceae: *Eugenia* sp.
2018. Gesneriaceae: *Codonanthe crassifolia* (H. Focke) C. V. Morton
2019. Bignoniaceae: *Adenocalymna inundatum* var. *surinamense* Bureau & K. Schum.
2020. Bignoniaceae: *Anemopaegma chrysoleucum* (Kunth) Sandwith
2021. Melastomataceae: *Miconia prasina* (Sw.) DC.
2022. Myrtaceae: *Marlierea schomburgkiana* O. Berg
2023. Polygalaceae: *Barnhartia floribunda* Gleason
2024. Clusiaceae: *Tovomita* sp.
2025. Moraceae: *Ficus mathewsii* (Miq.) Miq.
2026. Fabaceae: *Swartzia eriocarpa* Benth.
2027. Chrysobalanaceae: *Licania heteromorpha* var. *heteromorpha* Benth.
2028. Menispermaceae: *Abuta obovata* Diels
2029. Moraceae: *Ficus paraensis* (Miq.) Miq.
2030. Dilleniaceae: *Doliocarpus guianensis* (Aubl.) Gilg
2031. Sterculiaceae: *Sterculia* sp.
2032. Bromeliaceae: *Aechmea bromeliifolia* (Rudge) Baker
2033. Bromeliaceae: *Aechmea tillandsioides* (Mart. ex Schult. & Schult. f.) Baker
2034. Polygonaceae: *Coccoloba* sp.
2035. Malpighiaceae: *Spachea elegans* (G. Mey.) A. Juss.
2036. Rubiaceae: *Amaioua corymbosa* H.B.K.
2037. Lamiaceae: *Aegiphila integrifolia* (Jacq.) B. D. Jacks.
2038. Piperaceae: *Piper baccans* (Miq.) C. DC.
2039. Passifloraceae: *Passiflora glandulosa* Cav.
2040. Piperaceae: *Pothomorphe peltata* (L.) Miq.
2041. Euphorbiaceae: *Manihot* sp.
2042. Rubiaceae: *Alibertia acuminata* (Benth.) Sandwith
2043. Dichapetalaceae: *Tapura guianensis* Aubl.
2044. Fabaceae: *Swartzia schomburgkii* var. *schomburgkii* Benth.
2045. Indet.: Indet. sp.
2046. Fabaceae: *Mora excelsa* Benth.
2047. Combretaceae: *Terminalia dichotoma* G. May.
2048. Bromeliaceae: *Vriesea procera* (Mart. ex Schult. & Schult. f.) Wittm.
2049. Melastomataceae: *Pterolepis glomerata* (Rottb.) Miq.
2050. Compositae: *Centratherum punctatum* Cass.
2051. Melastomataceae: *Desmoscelis villosa* (Aubl.) Naudin
2052. Apocynaceae: *Mandevilla hirsuta* (Rich.) K. Schum.
2053. Turneraceae: *Turnera* sp.
2054. Clusiaceae: *Clusia panapanari* (Aubl.) Choisy
2055. Euphorbiaceae: *Maprounea guianensis* Aubl.
2056. Burmanniaceae: *Burmannia bicolor* Mart.
2057. Loranthaceae: *Oryctanthus florulentus* (Rich.) Tiegh.
2058. Passifloraceae: *Passiflora auriculata* Kunth
2059. Chrysobalanaceae: *Licania incana* Aubl.
2060. Lacistemataceae: *Lacistema polystachyum* Schnizl.
2061. Clusiaceae: *Clusia panapanari* (Aubl.) Choisy
2062. Fabaceae: *Machaerium myrianthum* Spruce ex Benth.
2063. Burseraceae: *Trattinnickia burserifolia* Mart.
2064. Dilleniaceae: *Doliocarpus spraguei* Cheesman
2065. Euphorbiaceae: *Pera glabrata* (Schott) Poepp. ex Baill.
2066. Dilleniaceae: *Tetracera costata* Mart. ex Eichler
2067. Fabaceae: *Lonchocarpus heptaphyllus* (Poir.) DC.
2068. Fabaceae: Indet. sp.
2069. Fabaceae: *Macrosamanea pubiramea* (Steud.) Barneby & J. W. Grimes

2070. Euphorbiaceae: *Maprounea guianensis* Aubl.
2071. Apocynaceae: *Macropharynx spectabilis* (Stadelm.) Woodson
2072. Fabaceae: *Swartzia schomburgkii* var. *schomburgkii* Benth.
2073. Connaraceae: *Cnestidium guianense* (G. Schellenb.) G. Schellenb.
2074. Malpighiaceae: *Mascagnia sepium* (A. Juss.) Griseb.
2074a. Araceae: Indet. sp.
2075. Bignoniaceae: *Cydista aequinoctialis* (L.) Miers
2076. Onagraceae: *Ludwigia affinis* (DC.) H. Hara
2077. Malpighiaceae: *Hiraea faginea* (Sw.) Nied.
2078. Combretaceae: *Combretum rotundifolium* Rich.
2079. Fabaceae: *Bauhinia kunthiana* Vogel
2080. Rubiaceae: *Spermacoce verticillata* L.
2081. Fabaceae: *Acosmium nitens* (Vogel) Yakovlev
2082. Myrsinaceae: *Stylogyne orinocensis* (Kunth) Mez
2083. Connaraceae: *Pseudoconnarus subtriplinervis* (Radlk.) G. Schellenb.
2084. Melastomataceae: *Miconia longifolia* (Aubl.) DC.
2085. Solanaceae: *Solanum volubile* Sw.
2086. Cecropiaceae: *Coussapoa microcephala* Trécul
2087. Dichapetalaceae: *Tapura capitulifera* Baill.
2088. Apocynaceae: *Mandevilla symphitocarpa* (G. Mey.) Woodson
2089. Orchidaceae: *Aspidogyne foliosa* (Poepp. & Endl.) Garay
2090. Rubiaceae: *Uncaria tomentosa* (Willd. ex Roem. & Schult.) DC.
2091. Lauraceae: *Endlicheria multiflora* (Miq.) Mez
2092. Loganiaceae: *Strychnos* sp.
2093. Bignoniaceae: *Arrabidaea inaequalis* (DC. ex Splitg.) K. Schum.
2094. Hippocrateaceae: Indet. sp.
2095. Malvaceae: *Ochroma pyramidale* (Cav. ex Lam.) Urb.
2096. Piperaceae: *Piper aduncum* L.
2097. Fabaceae: *Mimosa pellita* Humb. & Bonpl. ex Willd.
2098. Annonaceae: *Xylopia aromatica* (Lam.) Mart.
2099. Fabaceae: *Tachigali pubiflora* Benth.
2100. Melastomataceae: *Miconia aplostachya* (Bonpl.) DC.
2101. Passifloraceae: *Dilkea* sp.
2102. Apocynaceae: *Malouetia tamaquarina* (Aubl.) A. DC.
2103. Orchidaceae: *Pleurothallis lanceana* Lodd.
2104. Celastraceae: *Goupia glabra* Aubl.
2105. Apocynaceae: *Prestonia acutifolia* (Benth. & Müll. Arg.) K. Schum.
2106. Orchidaceae: *Epidendrum carpophorum* Barb. Rodr.
2107. Gesneriaceae: *Codonanthe crassifolia* (H. Focke) C. V. Morton
2108. Orchidaceae: *Vanilla* sp.
2109. Lauraceae: *Nectandra cuspidata* Nees
2110. Combretaceae: *Terminalia amazonia* (J. F. Gmel.) Exell
2111. Acanthaceae: *Justicia* sp.
2112. Fabaceae: *Aeschynomene sensitiva* Sw.
2113. Verbenaceae: *Lantana camara* L.
2114. Myrsinaceae: *Cybianthus surinamensis* (Spreng.) G. Agostini
2115. Trigoniaceae: *Trigonia hypoleuca* Griseb.
2116. Fabaceae: *Entada polyphylla* Benth.
2117. Rubiaceae: *Malanea gabrielensis* Müll. Arg.
2118. Lecythidaceae: *Gustavia augusta* L.
2119. Malpighiaceae: *Heteropterys siderosa* Cuatrec.
2120. Malpighiaceae: *Heteropterys macradena* (DC.) W. R. Anderson
2121. Lamiaceae: *Vitex compressa* Turcz.
2122. Meliaceae: *Trichilia rubra* C. DC.
2123. Cecropiaceae: *Coussapoa asperifolia* ssp. *magnifolia* (Trécul) Akkermans & C. C. Berg
2124. Fabaceae: *Sclerolobium guianense* Benth.
2125. Chrysobalanaceae: *Hirtella racemosa* var. *racemosa* Lam.
2126. Combretaceae: *Buchenavia fanshawei* Exell & Maguire
2127. Fabaceae: *Clathrotropis paradoxa* Sandwith
2128. Fabaceae: *Eperua* sp.
2129. Fabaceae: *Macrolobium acaciifolium* Benth.
2130. Combretaceae: *Combretum laxum* Jacq.
2131. Myrtaceae: *Calyptranthes pullei* Burret ex Amshoff
2132. Rubiaceae: *Isertia parviflora* Vahl
2133. Fabaceae: *Zygia latifolia* var. *communis* Barneby & J. W. Grimes
2134. Fabaceae: *Zygia latifolia* var. *communis* Barneby & J. W. Grimes
2135. Clusiaceae: *Clusia grandiflora* Splitg.
2136. Olacaceae: *Dulacia guianensis* (Engl.) Kuntze
2137. Apocynaceae: *Odontadenia macrantha* (Roem. & Schult.) Markgr.
2138. Anacardiaceae: *Tapirira guianensis* Aubl.
2139. Clusiaceae: *Clusia myriandra* (Benth.) Planch. & Triana
2140. Lauraceae: *Nectandra globosa* (Aubl.) Mez
2141. Rubiaceae: *Uncaria guianensis* (Aubl.) J. F. Gmel.
2142. Apocynaceae: *Prestonia annularis* (L. f.) G. Don
2143. Fabaceae: *Paramachaerium ormosioides* (Ducke) Ducke
2144. Sapotaceae: *Pouteria* sp.
2145. Clusiaceae: *Calophyllum brasiliense* Cambess.
2146. Moraceae: *Ficus* sp.
2147. Elaeocarpaceae: *Sloanea* sp.
2148. Bignoniaceae: *Macfadyena uncata* (Andrews) Sprague & Sandwith
2149. Hippocrateaceae: Indet. sp.
2150. Meliaceae: Indet. sp.
2151. Lecythidaceae: *Eschweilera micrantha* (O. Berg) Miers
2152. Orchidaceae: *Cleistes rosea* Lindl.
2153. Loranthaceae: *Phoradendron perrottetii* (DC.) Eichler
2154. Rubiaceae: *Appunia tenuiflora* (Benth.) Hook. f. ex B. D. Jacks.
2155. Fabaceae: *Eperua* sp.
2156. Polygalaceae: *Securidaca paniculata* Rich.
2157a. Euphorbiaceae: *Mabea anomala* Müll. Arg.
2157b. Sapindaceae: Indet. sp.

2158. Melastomataceae: *Macrocentrum minus* Gleason
2159. Gesneriaceae: *Nautilocalyx cordatus* (Gleason) L. E. Skog
2160. Melastomataceae: *Tococa aristata* Benth.
2161. Melastomataceae: *Clidemia minutiflora* (Triana) Cogn.
2162. Gesneriaceae: *Nautilocalyx pictus* (Hook.) Sprague
2163. Acanthaceae: *Odontonema schomburgkianum* (Nees) Kuntze
2164. Solanaceae: *Lycianthes pauciflora* (Vahl) Bitter
2165. Smilacaceae: *Smilax schomburgkiana* Kunth
2166. Piperaceae: *Piper ciliomarginatum* Görts & Christenhusz
2167. Melastomataceae: *Maieta poeppigii* Mart. ex Cogn.
2168. Melastomataceae: *Miconia maguirei* Gleason
2169. Piperaceae: *Peperomia* sp.
2170. Araceae: *Anthurium expansum* Gleason
2171. Lomariopsidaceae: *Elaphoglossum macrophyllum* (Mett. ex Kuhn) Christ
2172. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
2173. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
2174. Dryopteridaceae: *Cyclodium inerme* (Fée) A. R. Sm.
2175. Hymenophyllaceae: *Trichomanes resinosum* R. C. Moran
2176. Selaginellaceae: *Selaginella mazaruniense* Jenman
2177. Selaginellaceae: *Selaginella sobolifera* A. R. Sm.
2178. Bromeliaceae: *Pitcairnia maidifolia* (C. Morren) Decne.
2179. Orchidaceae: *Sarcoglottis acaulis* (Sm.) Schltr.
2180. Rubiaceae: *Psychotria muscosa* (Jacq.) Steyerm.
2181. Marantaceae: *Monotagma spicatum* (Aubl.) J. F. Macbr.
2182. Rubiaceae: *Psychotria bostrychothyrsus* Sandwith
2183. Piperaceae: *Peperomia glabella* (Sw.) A. Dietr.
2184. Melastomataceae: *Leandra agrestis* (Aubl.) Raddi
2185. Piperaceae: *Piper insipiens* Trel. & Yunck.
2186. Melastomataceae: *Macrocentrum cristatum* (DC.) Triana
2187. Rubiaceae: *Sipanea cowanii* Steyerm.
2188. Rubiaceae: *Faramea egregia* Sandwith
2189. Bromeliaceae: *Vriesea splendens* (Brongn.) Lem.
2190. Araceae: *Philodendron ornatum* Schott
2191. Costaceae: *Costus* sp.
2192. Gesneriaceae: *Columnea guianensis* C. V. Morton
2193. Arecaceae: *Bactris simplicifrons* Mart.
2194. Aspleniaceae: *Asplenium zamiifolium* Willd.
2195. Polypodiaceae: *Polypodium caceresii* Sodiro
2196. Aspleniaceae: *Asplenium cuneatum* Lam.
2197. Aspleniaceae: *Asplenium salicifolium* L.
2198. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
2199. Aspleniaceae: *Asplenium serratum* L.
2200. Adiantaceae: *Adiantum terminatum* Kunze ex Miq.
2201. Vittariaceae: *Antrophyum guayanense* Hieron.
2202. Lomariopsidaceae: *Elaphoglossum macrophyllum* (Mett. ex Kuhn) Christ
2203. Tectariaceae: *Triplophyllum dicksonioides* (Fée) Holttum
2204. Davalliaceae: *Nephrolepis rivularis* (Vahl) Mett. ex Krug
2205. Lomariopsidaceae: *Elaphoglossum flaccidum* (Fée) T. Moore
2206. Hymenophyllaceae: *Hymenophyllum hirsutum* (L.) Sw.
2207. Grammitidaceae: *Grammitis mollissima* (Fée) Proctor
2208. Vittariaceae: *Antrophyum lanceolatum* (L.) Kaulf.
2209. Rubiaceae: *Psychotria mapourioides* DC.
2210. Burseraceae: *Protium demerarense* Sw.
2211. Polyporaceae: Indet. sp.
2212. Basidiomycete: Indet. sp.
2213. Dacrymycetaceae: *Dacrymyces* sp.
2214. Indet.: Indet. sp.
2215. Piperaceae: *Piper cililimbum* Yunck.
2216. Myrsinaceae: Indet. sp.
2217. Melastomataceae: *Leandra micropetala* (Naudin) Cogn.
2218. Chrysobalanaceae: *Hirtella angustissima* Sandw.
2219. Rubiaceae: *Psychotria subundulata* Benth.
2220. Gentianaceae: *Tachia guianensis* Aubl.
2221. Indet.: Indet. sp.
2222. Begoniaceae: *Begonia jenmanii* Tutin
2223. Fabaceae: *Hydrochorea gonggrijpii* (Kleinhoonte) Barneby & J. W. Grimes
2224. Fabaceae: *Calliandra surinamensis* Benth.
2225. Marantaceae: *Calathea cyclophora* Baker
2226. Rubiaceae: *Psychotria potaroensis* (Sandwith) Steyerm.
2227. Cyperaceae: *Calyptrocarya glomerulata* (Brongn.) Urb.
2228. Cyperaceae: *Rhynchospora cephalotes* (L.) Vahl
2229. Bromeliaceae: *Tillandsia anceps* G. Lodd.
2230. Rubiaceae: *Didymochlamys connellii* N. E. Br.
2231. Piperaceae: *Piper ciliomarginatum* Görts & Christenhusz
2232. Hymenophyllaceae: *Trichomanes crispum* L.
2233. Hymenophyllaceae: *Hymenophyllum decurrens* (Jacq.) Sw.
2234. Hymenophyllaceae: *Trichomanes bancroftii* Hook. & Grev.
2235. Hymenophyllaceae: *Trichomanes crispum* L.
2236. Hymenophyllaceae: *Trichomanes crispum* L.
2237. Grammitidaceae: *Cochlidium furcatum* (Hook. & Grev.) C. Chr.
2238. Hymenophyllaceae: *Trichomanes pedicellatum* Desv.
2239. Hymenophyllaceae: *Trichomanes crispum* L.
2240. Hymenophyllaceae: *Trichomanes hostmannianum* (Klotzsch) Kunze
2241. Hymenophyllaceae: *Trichomanes arbuscula* Desv.
2242. Lomariopsidaceae: *Bolbitis semipinnatifida* (Fée) Alston
2243. Lomariopsidaceae: *Elaphoglossum glabellum* J. Sm.
2244. Dennstaedtiaceae: *Lindsaea lancea* var. *falcata* (Dryand.) Rosenst.
2245. Dennstaedtiaceae: *Lindsaea divaricata* Klotzsch
2246. Dennstaedtiaceae: *Lindsaea divaricata* Klotzsch
2247. Cyatheaceae: *Cyathea procera* (Willd.) Domin
2248. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
2249. Davalliaceae: *Oleandra articulata* (Sw.) C. Presl
2250. Orchidaceae: *Epidendrum carpophorum* Barb. Rodr.
2251. Clavulinaceae: *Cookerina tricholoma* (Mart.) Kuntze
2252. Xylariaceae: *Xylaria* sp.
2253. Rubiaceae: *Ferdinandusa guainiae* Spruce ex K. Schum.

2254. Orchidaceae: *Dichaea hookeri* Garay & H. R. Sweet
2255. Orchidaceae: *Epidendrum nocturnum* Jacq.
2256. Hymenophyllaceae: Indet. sp.
2257. Ericaceae: *Satyria panurensis* (Benth. ex Meisn.) Hook. f. ex Nied.
2258. Annonaceae: *Duguetia pycnastera* Sandwith
2259. Lecythidaceae: *Couratari riparia* Sandwith
2260. Orchidaceae: *Batemannia colleyi* Lindl.
2261. Cyclanthaceae: Indet. sp.
2262. Vittariaceae: *Vittaria costata* Kunze
2263. Tectariaceae: *Triplophyllum funestum* var. *funestum* (Kunze) Holttum
2264. Dryopteridaceae: *Olfersia cervina* (L.) Kunze
2265. Araceae: *Philodendron fragrantissimum* Kunth
2266. Rubiaceae: *Geophila cordifolia* Miq.
2267. Melastomataceae: *Clidemia conglomerata* DC.
2268. Piperaceae: *Piper insipiens* Trel. & Yunck.
2269. Grammitidaceae: *Cochlidium linearifolium* (Desv.) Maxon ex C. Chr.
2270. Lomariopsidaceae: *Elaphoglossum glabellum* J. Sm.
2271. Dennstaedtiaceae: *Lindsaea sagittata* (Aubl.) Dryand.
2272. Marattiaceae: *Danaea elliptica* Sm.
2273. Tectariaceae: *Triplophyllum dicksonioides* (Fée) Holttum
2274. Adiantaceae: *Adiantum terminatum* Kunze ex Miq.
2275. Dennstaedtiaceae: *Lindsaea divaricata* Klotzsch
2276. Marattiaceae: *Danaea simplicifolia* Rudge
2277. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
2278. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
2279. Melastomataceae: *Miconia splendens* (Sw.) Griseb.
2280. Malpighiaceae: *Banisteriopsis martiniana* var. *martiniana* (A. Juss.) Cuatrec.
2281. Rubiaceae: *Psychotria transiens* Wernham
2282. Melastomataceae: *Miconia bracteata* (DC.) Triana
2283. Clusiaceae: *Tovomita tenuiflora* Benth. ex Planch. & Triana
2284. Ebenaceae: *Diospyros ierensis* Britton
2285. Piperaceae: *Piper insipiens* Trel. & Yunck.
2286. Clusiaceae: *Clusia schomburgkiana* (Planch. & Triana) Benth. ex Engl.
2287. Clusiaceae: *Clusia cuneata* Benth.
2288. Polypodiaceae: *Microgramma lycopodioides* (L.) Copel.
2289. Cyperaceae: *Diplasia karatifolia* Rich. ex Pers.
2289a. Dryopteridaceae: *Cyclodium meniscioides* (Willd.) C. Presl
2290. Orchidaceae: *Scaphyglottis sickii* Pabst
2291. Eriocaulaceae: *Paepalanthus fasciculatus* (Rottb.) Kunth
2292. Poaceae: *Ichnanthus nemoralis* (Schrad.) Hitchc. & Chase
2293. Plagiochilaceae: *Plagiochila* sp.
2294. Indet.: Indet. sp.
2295. Dicranaceae: *Campylopus savannarum* (Müll. Hal.) Mitt.
2296. Polyporaceae: Indet. sp.
2297. Bignoniaceae: *Tabebuia subtilis* Sprague & Sandwith
2298. Cyperaceae: Indet. sp.
2299. Melastomataceae: *Macairea thyrsiflora* DC.
2300. Euphorbiaceae: *Croton subincanus* Müll. Arg.
2301. Rubiaceae: *Retiniphyllum schomburgkii* (Benth.) Müll. Arg.
2302. Ericaceae: *Vaccinium puberulum* Klotzsch ex Meisn.
2303. Bromeliaceae: *Brocchinia micrantha* (Baker) Mez
2304. Humiriaceae: *Humiria* sp.
2305. Chrysobalanaceae: *Licania incana* Aubl.
2306. Ochnaceae: Indet. sp.
2307. Dilleniaceae: *Davilla nitida* (Vahl) Kubitzki
2308. Melastomataceae: *Clidemia capitata* Benth.
2309. Poaceae: *Axonopus flabelliformis* Swallen
2310. Fabaceae: *Dicymbe jenmanii* Sandwith
2311. Fabaceae: *Dimorphandra macrostachya* Benth.
2312. Fabaceae: *Senna latifolia* (G. Mey.) H. S. Irwin & Barneby
2313. Apocynaceae: *Prestonia cayennensis* (A. DC.) Pichon
2314. Ericaceae: *Orthaea apophysata* (Griseb.) A. C. Sm.
2315. Myrtaceae: *Myrcia albidotomentosa* (Amshoff) McVaugh
2316. Myrtaceae: *Myrcia* sp.
2317. Tiliaceae: *Mollia ulei* Burret
2318. Loranthaceae: *Psittacanthus leptanthus* A. C. Sm.
2319. Ochnaceae: *Ouratea leblondii* (Tiegh.) Lemée
2320. Melastomataceae: *Miconia ciliata* (Rich.) DC.
2321. Melastomataceae: *Miconia marginata* Triana
2322. Rubiaceae: *Posoqueria coriacea* M. Martens & Galeotti
2323. Chrysobalanaceae: *Licania longistyla* (Hook. f.) Fritsch
2324. Polygalaceae: *Securidaca* sp.
2325. Polygalaceae: *Securidaca warmingiana* Chodat
2326. Malpighiaceae: *Tetrapterys styloptera* A. Juss.
2327. Orchidaceae: *Epidendrum nocturnum* Jacq.
2328. Ericaceae: *Sphyrospermum cordifolium* Benth.
2329. Orchidaceae: *Sobralia valida* Rolfe
2330. Melastomataceae: *Miconia prasina* (Sw.) DC.
2331. Clusiaceae: *Clusia hammeliana* Pipoly
2332. Euphorbiaceae: *Chaetocarpus schomburgkianus* (Kuntze) Pax & K. Hoffm.
2333. Melastomataceae: *Miconia plukenetii* Naudin
2334. Fabaceae: *Dalbergia riedelii* (Benth.) Sandwith
2335. Bombacaceae: *Pachira minor* (R. H. Sims) Hemsl.
2336. Lacistemataceae: *Lacistema aggregatum* (P. J. Bergius) Rusby
2337. Clusiaceae: *Clusia myriandra* (Benth.) Planch. & Triana
2338. Sapotaceae: *Pouteria eugeniifolia* (Pierre) Baehni
2339. Aquifoliaceae: *Ilex jenmanii* Loes.
2340. Clusiaceae: Indet. sp.
2341. Sapotaceae: *Pouteria cuspidata* (A. DC.) Baehni
2342. Dennstaedtiaceae: *Lindsaea portoricensis* Desv.

2343. Chrysobalanaceae: *Licania affinis* Kuntze
2344. Bromeliaceae: *Tillandsia bulbosa* Hook.
2345. Orchidaceae: *Scaphyglottis graminifolia* (Ruiz & Pav.) Poepp. & Endl.
2346. Araceae: *Urospatha sagittifolia* (Rudge) Schott
2347. Piperaceae: *Piper cernuum* Vell.
2348. Myrsinaceae: *Cybianthus pakaraimae* Pipoly
2349. Xylariaceae: *Thamnomyces* sp.
2350. Bromeliaceae: *Racinaea spiculosa* (Griseb.) M. A. Spencer & L. B. Sm.
2351. Orchidaceae: *Elleanthus graminifolius* (Barb. Rodr.) Löjtnant
2352. Bromeliaceae: *Vriesea splendens* (Brongn.) Lem.
2353. Bromeliaceae: Indet. sp.
2354. Eriocaulaceae: *Rondonanthus capillaceus* (Klotzsch ex Körn.) Hensold & Giul.
2355. Cecropiaceae: *Coussapoa microcephala* Trécul
2356. Myrtaceae: *Myrcia sylvatica* (G. Mey.) DC.
2357. Rubiaceae: *Chalepophyllum* sp.
2358. Malpighiaceae: *Byrsonima eugeniifolia* Sandwith
2359. Burseraceae: *Trattinnickia burserifolia* Mart.
2360. Melastomataceae: *Miconia ciliata* (Rich.) DC.
2361. Rubiaceae: *Coccocypselum guianense* (Aubl.) K. Schum.
2362. Eriocaulaceae: *Leiothrix* sp.
2363. Loranthaceae: Indet. sp.
2364. Aquifoliaceae: *Ilex* sp.
2365. Malpighiaceae: *Banisteriopsis pulcherrima* (Sandwith) B. Gates
2366. Bonnetiaceae: *Archytaea triflora* Mart.
2367. Gentianaceae: *Voyria aphylla* (Jacq.) Pers.
2368. Apocynaceae: *Mandevilla benthamii* (A. DC.) K. Schum.
2369. Ochnaceae: *Poecilandra retusa* Tul.
2370. Dilleniaceae: *Doliocarpus savannarum* Sandwith
2371. Bignoniaceae: *Tabebuia insignis* var. *monophylla* Sandwith
2372. Ericaceae: *Thibaudia nutans* Klotzsch ex Mansf.
2373. Xyridaceae: *Xyris surinamensis* A. Spreng.
2374. Euphorbiaceae: *Phyllanthus vacciniifolius* (Müll. Arg.) Müll. Arg.
2375. Melastomataceae: *Clidemia pycnaster* Tutin
2376. Fabaceae: *Clitoria* sp.
2377. Xyridaceae: *Xyris involucrata* Nees
2378. Orchidaceae: *Vanilla bicolor* Lindl.
2379. Ericaceae: *Notopora schomburgkii* Hook. f.
2380. Pentaphylacaceae: *Ternstroemia* sp.
2381. Dilleniaceae: *Tetracera asperula* Miq.
2382. Humiriaceae: *Humiria crassifolia* Mart. ex Urb.
2383. Ochnaceae: *Ouratea cernuiflora* Sandwith
2384. Clusiaceae: *Clusia savannarum* Maguire
2385. Clusiaceae: *Moronobea jenmanii* Engl.
2386. Dennstaedtiaceae: *Lindsaea pendula* Klotzsch
2387. Polypodiaceae: *Niphidium crassifolium* (L.) Lellinger
2388. Rubiaceae: *Psychotria barbiflora* DC.
2389. Rubiaceae: *Pagamea guianensis* Aubl.
2390. Rubiaceae: *Sipanea* sp.
2391. Lauraceae: *Cassytha filiformis* L.
2392. Orchidaceae: *Catasetum discolor* (Lindl.) Lindl.
2393. Orchidaceae: *Epidendrum orchidiflorum* Salzm. ex Lindl.
2394. Bromeliaceae: Indet. sp.
2395. Bromeliaceae: *Aechmea brassicoides* Baker
2396. Bromeliaceae: *Navia sandwithii* L. B. Sm.
2397. Myrsinaceae: *Cybianthus guyanensis* ssp. *multipunctatus* (A. DC.) Pipoly
2398. Xyridaceae: *Abolboda grandis* var. *grandis* Griseb.
2399. Rapateaceae: *Saxo-fridericia regalis* R. H. Schomb.
2400. Boraginaceae: *Cordia nervosa* Lam.
2401. Orchidaceae: *Psygmorchis pusilla* (L.) Dodson & Dressler
2402. Ochnaceae: *Ouratea mazaruniensis* A. C. Sm. & Dwyer
2403. Melastomataceae: *Miconia dodecandra* Cogn.
2404. Melastomataceae: *Comolia villosa* (Aubl.) Triana
2405. Polygalaceae: *Securidaca retusa* Benth.
2405a. Melastomataceae: *Miconia mirabilis* (Aubl.) L. O. Williams
2406. Compositae: *Calea oliveri* B. L. Rob. & Greenm.
2407. Passifloraceae: *Passiflora vespertilio* L.
2408. Marantaceae: *Ischnosiphon puberulus* var. *scaber* (Petersen) L. Andersson
2409. Gesneriaceae: *Lesia savannarum* (C. V. Morton) J. L. Clark & J. F. Sm.
2410. Celastraceae: *Maytenus* sp.
2411. Araceae: *Stenospermation maguirei* A. M. E. Jonker & Jonker
2412. Orchidaceae: *Sarcoglottis metallica* (Rolfe) Schltr.
2413. Rubiaceae: *Pagamea thyrsiflora* Spruce ex Benth.
2414. Burseraceae: *Trattinnickia burserifolia* Mart.
2415. Marcgraviaceae: *Marcgravia sororopaniana* Steyerm.
2416. Clusiaceae: *Clusia crassifolia* Planch. & Triana
2417. Clusiaceae: *Clusia panapanari* (Aubl.) Choisy
2418. Orchidaceae: *Pleurothallis suspensa* Luer
2419. Orchidaceae: *Jacquiniella globosa* (Jacq.) Schltr.
2420. Rubiaceae: *Manettia alba* (Aubl.) Wernham
2421. Heliconiaceae: *Heliconia acuminata* A. Rich.
2422. Passifloraceae: *Passiflora garckei* Mast.
2423. Polypodiaceae: *Polypodium loriceum* L.
2424. Rapateaceae: *Stegolepis ferruginea* Baker f.
2425. Leucobryaceae: *Leucobryum martianum* (Hornsch.) Hampe
2426. Lomariopsidaceae: *Elaphoglossum macrophyllum* (Mett. ex Kuhn) Christ
2427. Araceae: *Anthurium crassinervium* (Jacq.) Schott
2428. Polyporaceae: *Polyporus rhizomorphus* Mont.
2429. Gentianaceae: *Irlbachia purpurascens* (Aubl.) Maas
2430. Orchidaceae: *Epidendrum schomburgkii* Lindl.
2431. Fabaceae: *Mucuna urens* (L.) Medik.

2432. Melastomataceae: *Loreya mespiloides* Miq.
2433. Fabaceae: *Bauhinia* sp.
2434. Combretaceae: *Combretum laxum* Jacq.
2435. Fabaceae: *Dalbergia riedelii* (Benth.) Sandwith
2436. Cyperaceae: *Scleria flagellum-nigrorum* P. J. Bergius
2437. Fabaceae: *Macrolobium angustifolium* (Benth.) R. S. Cowan
2438. Fabaceae: *Inga nobilis* Willd.
2439. Fabaceae: *Pentaclethra macroloba* (Willd.) Kuntze
2440. Fabaceae: *Tachigali paniculata* Aubl.
2441. Hippocrateaceae: *Hippocratea volubilis* L.
2442. Acanthaceae: *Justicia calycina* (Nees) V. A. W. Graham
2443. Ochnaceae: Indet. sp.
2444. Moraceae: *Ficus paraensis* (Miq.) Miq.
2445. Rubiaceae: *Psychotria mazaruniensis* Standl.
2446. Smilacaceae: *Smilax schomburgkiana* Kunth
2447. Passifloraceae: Indet. sp.
2448. Moraceae: *Ficus guianensis* Desv. ex Ham.
2449. Lecythidaceae: *Eschweilera wachenheimii* (Benoist) Sandwith
2450. Fabaceae: *Inga sertulifera* DC.
2451. Boraginaceae: *Cordia nodosa* Lam.
2452. Hippocrateaceae: *Salacia impressifolia* (Miers) A. C. Sm.
2453. Bromeliaceae: Indet. sp.
2454. Melastomataceae: *Tococa nitens* (Benth.) Triana
2455a. Eriocaulaceae: *Syngonanthus simplex* (Miq.) Ruiz & Pav.
2455b. Poaceae: *Panicum polycomum* Trin.
2456. Burmanniaceae: *Burmannia bicolor* Mart.
2457. Melastomataceae: *Siphanthera hostmannii* Cogn.
2458. Eriocaulaceae: *Syngonanthus umbellatus* (Lam.) Ruhland
2459. Cyrillaceae: *Cyrilla racemiflora* L.
2460. Lichen: Indet. sp.
2461. Zingiberaceae: *Hedychium coronarium* J. Koenig
2462. Schizaeaceae: *Lygodium volubile* Sw.
2463. Fabaceae: *Senna multijuga* (Rich.) H. S. Irwin & Barneby
2464. Icacinaceae: *Pleurisanthes parviflora* (Ducke) R. A. Howard
2465. Lauraceae: Indet. sp.
2466. Adiantaceae: *Adiantum latifolium* Lam.
2467. Basidiomycete: Indet. sp.
2468. Fabaceae: *Senna occidentalis* (L.) Link
2469. Pedaliaceae: *Sesamum orientale* L.
2470. Myrtaceae: *Syzygium cumini* (L.) Skeels
2471. Fabaceae: *Crotalaria retusa* L.
2472. Fabaceae: *Zornia latifolia* Sm.
2473. Melastomataceae: *Miconia mirabilis* (Aubl.) L. O. Williams
2474. Fabaceae: *Eperua schomburgkiana* Benth.
2475. Rubiaceae: *Spermacoce hyssopifolia* Willd. ex Roem. & Schult.
2476. Clusiaceae: *Vismia latifolia* (Aubl.) Choisy
2477. Myrtaceae: *Myrcia guianensis* (Aubl.) DC.
2478. Fabaceae: *Inga heterophylla* Willd.
2478a. Grammitidaceae: *Grammitis* sp.
2479. Cyperaceae: *Bulbostylis conifera* (Kunth) C. B. Clarke
2480. Piperaceae: *Piper aduncum* L.
2481. Fabaceae: *Senna reticulata* (Willd.) H. S. Irwin & Barneby
2482. Schizaeaceae: *Schizaea incurvata* Schkuhr
2483. Rubiaceae: *Pagamea capitata* Benth.
2484. Melastomataceae: *Miconia rubiginosa* (Bonpl.) DC.
2485. Schizaeaceae: *Actinostachys pennula* (Sw.) Hook.
2486. Lycopodiaceae: Indet. sp.
2487. Compositae: *Wulffia baccata* (L. f.) Kuntze
2488. Chrysobalanaceae: *Couepia cognata* (Steud.) Fritsch
2489. Cyperaceae: *Lagenocarpus verticillatus* (Spreng.) T. Koyama & Maguire
2490. Convolvulaceae: *Merremia macrocalyx* (Ruiz & Pav.) O'Donell
2491. Cyperaceae: *Scleria bracteata* Cav.
2492. Poaceae: *Axonopus canescens* (Nees ex Trin.) Pilg.
2493. Cyperaceae: *Lagenocarpus rigidus* ssp. *tremulus* (Nees) T. Koyama & Maguire
2494. Symplocaceae: *Symplocos guianensis* (Aubl.) Gürke
2495. Solanaceae: *Solanum paludosum* Moric.
2496. Clusiaceae: *Clusia nemorosa* G. Mey.
2497. Cyrillaceae: *Cyrilla racemiflora* L.
2498. Hippocrateaceae: *Prionostemma aspera* (Lam.) Miers
2499. Malpighiaceae: *Stigmaphyllon sinuatum* (DC.) A. Juss.
2500. Malpighiaceae: *Byrsonima spicata* (Cav.) DC.
2501. Lauraceae: *Cassytha filiformis* L.
2502. Melastomataceae: *Miconia alata* (Aubl.) DC.
2503. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
2504. Fabaceae: *Chamaecrista diphylla* (L.) Greene
2505a. Malvaceae: *Peltaea speciosa* (Kunth) Standl.
2505b. Menispermaceae: *Cissampelos ovalifolia* DC.
2506. Melastomataceae: *Miconia rufescens* (Aubl.) DC.
2507. Dilleniaceae: *Curatella americana* L.
2508. Fabaceae: *Stylosanthes guianensis* (Aubl.) Sw.
2509. Scrophulariaceae: *Buchnera rosea* Kunth
2510. Malpighiaceae: *Byrsonima spicata* (Cav.) DC.
2511. Schizaeaceae: *Schizaea elegans* (Vahl) Sw.
2512. Fabaceae: *Chamaecrista flexuosa* (L.) Greene
2513. Anacardiaceae: *Tapirira guianensis* Aubl.
2514. Polygalaceae: *Bredemeyera lucida* (Benth.) Klotzsch ex Hassk.
2515. Rubiaceae: *Sipanea hispida* Benth. ex Wernham
2516. Myrsinaceae: *Cybianthus fulvopulverulentus* ssp. *magnoliifolius* (Mez) Pipoly
2517. Fabaceae: *Chamaecrista ramosa* var. *ramosa* (Vogel) H. S. Irwin & Barneby
2518. Humiriaceae: *Humiria* sp.
2519. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
2520. Passifloraceae: *Passiflora acuminata* DC.

2521. Fabaceae: *Senna latifolia* (G. Mey.) H. S. Irwin & Barneby
2522. Chrysobalanaceae: *Couepia bracteosa* Benth.
2523. Cyperaceae: *Lagenocarpus verticillatus* (Spreng.) T. Koyama & Maguire
2524. Violaceae: *Paypayrola longifolia* Tul.
2525. Fabaceae: *Dioclea virgata* (Rich.) Amshoff
2526. Malpighiaceae: *Byrsonima stipulacea* A. Juss.
2527. Clusiaceae: *Vismia guianensis* (Aubl.) Choisy
2528. Melastomataceae: *Miconia ciliata* (Rich.) DC.
2529. Melastomataceae: *Miconia alata* (Aubl.) DC.
2530. Dilleniaceae: *Tetracera asperula* Miq.
2531. Ochnaceae: *Sauvagesia sprengelii* A. St.-Hil.
2532. Rubiaceae: *Retiniphyllum schomburgkii* (Benth.) Müll. Arg.
2533. Fabaceae: *Mora gonggrijpii* (Kleinhoonte) Sandwith
2534. Loranthaceae: *Struthanthus* sp.
2535. Dilleniaceae: *Doliocarpus spraguei* Cheesman
2536. Fabaceae: *Centrosema* sp.
2537. Dilleniaceae: *Tetracera asperula* Miq.
2538. Myrtaceae: *Eugenia punicifolia* (H.B.K.) DC.
2539. Rubiaceae: *Declieuxia fruticosa* (Willd. ex Roem. & Schult.) Kuntze
2540. Myrtaceae: *Myrcia sylvatica* (G. Mey.) DC.
2541. Myrsinaceae: *Myrsine guianensis* (Aubl.) Kuntze
2542. Melastomataceae: *Tibouchina aspera* Aubl.
2543. Melastomataceae: *Miconia rubiginosa* (Bonpl.) DC.
2544. Loranthaceae: *Struthanthus marginatus* (Desr.) Blume
2545. Polygalaceae: *Polygala trichosperma* L.
2546. Rubiaceae: *Psychotria anceps* Kunth
2547. Poaceae: *Digitaria insularis* (L.) Fedde
2548. Poaceae: *Panicum olyroides* Kunth
2549. Compositae: *Ichthyothere terminalis* (Spreng.) S. F. Blake
2550. Cyperaceae: *Rhynchospora cephalotes* (L.) Vahl
2551. Gentianaceae: *Irlbachia alata* ssp. *alata* (Aubl.) Maas
2552. Fabaceae: *Chamaecrista viscosa* var. *major* (Benth.) H. S. Irwin & Barneby
2553. Melastomataceae: *Miconia albicans* (Sw.) Triana
2554. Fabaceae: *Crotalaria maypurensis* Kunth
2555. Lamiaceae: *Amasonia campestris* (Aubl.) Moldenke
2556. Rubiaceae: *Palicourea rigida* Kunth
2557. Compositae: *Ayapana amygdalina* (Lam.) R. M. King & H. Rob.
2558. Fabaceae: *Abarema jupunba* var. *trapezifolia* (Vahl) Barneby & J. W. Grimes
2559. Heliconiaceae: *Heliconia psittacorum* L. f.
2560. Rubiaceae: *Psychotria anceps* Kunth
2561. Symplocaceae: *Symplocos guianensis* (Aubl.) Gürke
2562. Melastomataceae: *Tibouchina aspera* Aubl.
2563. Malpighiaceae: *Byrsonima coccolobifolia* Kunth
2564. Dilleniaceae: *Davilla kunthii* A. St.-Hil.
2565. Myrtaceae: *Eugenia punicifolia* (H.B.K.) DC.
2566. Chrysobalanaceae: Indet. sp.
2567. Fabaceae: *Chamaecrista ramosa* var. *ramosa* (Vogel) H. S. Irwin & Barneby
2568. Rubiaceae: *Sipanea* sp.
2569. Bonnetiaceae: *Bonnetia* sp.
2570. Fabaceae: *Ormosia* sp.
2571. Davalliaceae: *Nephrolepis biserrata* (Sw.) Schott
2572. Cyperaceae: *Cyperus laxus* Lam.
2573. Erythroxylaceae: *Erythroxylum* sp.
2574. Polypodiaceae: *Microgramma persicariifolia* (Schrad.) C. Presl
2575. Schizaeaceae: *Lygodium volubile* Sw.
2576. Smilacaceae: *Smilax latipes* Gleason
2577. Annonaceae: *Xylopia aromatica* (Lam.) Mart.
2578. Lauraceae: *Ocotea schomburgkiana* (Nees) Mez
2579. Ulmaceae: *Trema micrantha* (L.) Blume
2580. Burseraceae: *Trattinnickia burserifolia* Mart.
2581. Polygonaceae: *Coccoloba* sp.
2582. Rubiaceae: *Duroia eriopila* L. f.
2583. Connaraceae: *Connarus coriaceus* G. Schellenb.
2584. Cecropiaceae: *Cecropia latiloba* Miq.
2585. Annonaceae: *Guatteria* sp.
2586. Flacourtiaceae: *Casearia singularis* Eichler
2587. Araceae: *Philodendron acutatum* Schott
2588. Moraceae: *Ficus mathewsii* (Miq.) Miq.
2589. Myrtaceae: *Eugenia punicifolia* (H.B.K.) DC.
2590. Ebenaceae: *Diospyros guianensis* ssp. *guianensis* (Aubl.) Gürke
2591. Smilacaceae: *Smilax syphilitica* Humb. & Bonpl. ex Willd.
2592. Melastomataceae: *Miconia mirabilis* (Aubl.) L. O. Williams
2593. Chrysobalanaceae: *Couepia parillo* DC.
2594. Compositae: *Egletes prostrata* (Sw.) Kuntze
2595. Melastomataceae: *Macairea pachyphylla* Benth.
2596. Compositae: *Sphagneticola trilobata* (L.) Pruski
2597. Bignoniaceae: *Arrabidaea candicans* (Rich.) DC.
2598. Compositae: *Sphagneticola trilobata* (L.) Pruski
2598a. Compositae: *Clibadium surinamense* L.
2599. Melastomataceae: *Clidemia hirta* (L.) D. Don
2600. Compositae: *Unxia camphorata* L. f.
2601. Bignoniaceae: *Schlegelia violacea* (Aubl.) Griseb.
2602. Bignoniaceae: *Tabebuia insignis* var. *monophylla* Sandwith
2603. Bignoniaceae: *Arrabidaea candicans* (Rich.) DC.
2604. Apocynaceae: *Himatanthus bracteatus* (A. DC.) Woodson
2605. Araceae: *Urospatha sagittifolia* (Rudge) Schott
2606. Simaroubaceae: *Simaba cedron* Planch.
2607. Melastomataceae: *Mouriri* sp.
2608. Rutaceae: *Triphasia trifolia* (Burm. f.) P. Wilson
2609. Moraceae: *Ficus amazonica* (Miq.) Miq.
2610. Fabaceae: *Indigofera suffruticosa* Mill.
2611. Fabaceae: *Acacia farnesiana* var. *farnesiana* (L.) Willd.
2612. Combretaceae: *Conocarpus erectus* var. *erectus* L.

2613. Malvaceae: *Thespesia populnea* (L.) Sol. ex Corrêa
2614. Annonaceae: *Annona glabra* L.
2615. Pteridaceae: *Acrostichum aureum* L.
2616. Malvaceae: *Gossypium barbadense* L.
2617. Fabaceae: *Leucaena leucocephala* (Lam.) de Wit
2618. Verbenaceae: *Lantana camara* L.
2619. Boraginaceae: *Cordia curassavica* (Jacq.) Roem. & Schult.
2620. Rubiaceae: *Morinda citrifolia* L.
2621. Acanthaceae: *Avicennia germinans* (L.) L.
2622. Malvaceae: *Malachra fasciata* Jacq.
2623. Euphorbiaceae: *Jatropha gossypiifolia* L.
2624. Malvaceae: *Malachra alceifolia* Jacq.
2625. Compositae: *Bidens alba* var. *radiata* (Sch. Bip.) R. E. Ballard
2626. Malpighiaceae: *Stigmaphyllon bannisterioides* (L.) C. E. Anderson
2627. Batidaceae: *Batis maritima* L.
2628. Fabaceae: *Erythrina fusca* Lour.
2629. Convolvulaceae: *Ipomoea pes-caprae* (L.) R. Br.
2630. Fabaceae: *Canavalia dictyota* Piper
2631. Menispermaceae: Indet. sp.
2632. Rubiaceae: *Rosenbergiodendron densiflorum* (K. Schum.) Fagerl.
2633. Fabaceae: *Vigna* sp.
2634. Vitaceae: *Cissus sicyoides* L.
2635. Apocynaceae: *Rhabdadenia biflora* (Jacq.) Müll. Arg.
2636. Erythroxylaceae: *Erythroxylum cumanense* Kunth
2637. Fabaceae: *Machaerium lunatum* (L. f.) Ducke
2638. Compositae: *Egletes prostrata* (Sw.) Kuntze
2639. Fabaceae: *Guilandina bonduc* L.
2640. Fabaceae: *Peltophorum dubium* (Spreng.) Taub.
2641. Fabaceae: *Entada polystachya* (L.) DC.
2642. Compositae: *Cyrtocymura scorpioides* (Lam.) H. Rob.
2643. Bignoniaceae: *Cydista aequinoctialis* (L.) Miers
2644. Cannaceae: *Canna glauca* L.
2645. Fabaceae: *Andira inermis* ssp. *inermis* (W. Wright) Kunth ex DC.
2646. Fabaceae: *Lonchocarpus* sp.
2647. Lamiaceae: *Clerodendrum indicum* (L.) Kuntze
2648. Poaceae: *Coix lacryma-jobi* L.
2649. Zingiberaceae: *Hedychium coronarium* J. Koenig
2650. Boraginaceae: *Cordia tetrandra* Aubl.
2651. Fabaceae: *Dioclea violacea* Mart. ex Benth.
2652. Bignoniaceae: *Callichlamys latifolia* (Rich.) K. Schum.
2652a. Rhizophoraceae: *Rhizophora racemosa* G. Mey.
2653. Euphorbiaceae: *Antidesma ghaesembilla* Gaertn.
2654. Euphorbiaceae: *Antidesma ghaesembilla* Gaertn.
2655. Acanthaceae: *Ruellia prostrata* Poir.
2656. Polygalaceae: *Securidaca diversifolia* (L.) S. F. Blake
2657. Apocynaceae: *Mesechites trifida* (Jacq.) Müll. Arg.
2658. Fabaceae: *Crotalaria perrottetii* DC.
2659. Asclepiadaceae: *Calotropis gigantea* (L.) Dryand.
2660. Pontederiaceae: *Eichhornia crassipes* (Mart.) Solms
2661. Solanaceae: *Cestrum latifolium* Lam.
2662. Rhizophoraceae: *Rhizophora harrisonii* Leechm.
2663. Combretaceae: *Laguncularia racemosa* (L.) C. F. Gaertn.
2664. Malvaceae: *Sida setosa* Mart. ex Colla
2665. Cucurbitaceae: *Coccinia grandis* (L.) Voigt
2666. Melastomataceae: *Miconia acinodendron* (L.) Sweet
2667. Malvaceae: *Hibiscus pernambucensis* Arruda
2668. Myrsinaceae: *Ardisia elliptica* Thunb.
2669. Lythraceae: *Lagerstroemia speciosa* (L.) Pers.
2670. Solanaceae: *Solanum jamaicense* Mill.
2671. Euphorbiaceae: *Croton trinitatis* Millsp.
2672. Fabaceae: *Mimosa pudica* var. *unijuga* (Walp. & Duchass.) Griseb.
2673. Fabaceae: *Acacia macracantha* Humb. & Bonpl. ex Willd.
2674. Asclepiadaceae: *Asclepias curassavica* L.
2675. Acanthaceae: *Asystasia gangetica* (L.) T. Anderson
2676. Fabaceae: *Desmodium adscendens* (Sw.) DC.
2677. Hymenophyllaceae: *Trichomanes hostmannianum* (Klotzsch) Kunze
2678. Dennstaedtiaceae: *Lindsaea lancea* var. *elatior* (Kunze) K. U. Kramer
2679. Tectariaceae: *Triplophyllum angustifolium* Holttum
2680. Melastomataceae: *Miconia racemosa* (Aubl.) DC.
2681. Moraceae: *Ficus paraensis* (Miq.) Miq.
2682. Piperaceae: *Peperomia macrostachya* (Vahl) A. Dietr.
2683. Rubiaceae: *Palicourea calophylla* DC.
2683a. Indet.: Indet. sp.
2684. Piperaceae: *Peperomia rotundifolia* (L.) Kunth
2685. Rubiaceae: *Posoqueria panamensis* (Walp. & Duchass.) Walp.
2686. Polypodiaceae: *Microgramma reptans* (Cav.) A. R. Sm.
2687. Polypodiaceae: *Microgramma lycopodioides* (L.) Copel.
2688. Piperaceae: *Piper hostmannianum* (Miq.) C. DC.
2689. Aspleniaceae: *Asplenium serratum* L.
2690. Melastomataceae: *Miconia pubipetala* Miq.
2691. Polygalaceae: *Securidaca paniculata* Rich.
2692. Aspleniaceae: *Asplenium serratum* L.
2693. Schizaeaceae: *Lygodium volubile* Sw.
2694. Annonaceae: *Unonopsis glaucopetala* R. E. Fr.
2695. Quiinaceae: *Quiina indigofera* Sandwith
2696. Davalliaceae: *Nephrolepis rivularis* (Vahl) Mett. ex Krug
2697. Rubiaceae: *Psychotria mapourioides* DC.
2698. Heliconiaceae: *Heliconia acuminata* A. Rich.
2699. Clusiaceae: *Clusia hammeliana* Pipoly
2700. Rubiaceae: *Psychotria cupularis* (Müll. Arg.) Standl.
2701. Melastomataceae: *Miconia pubipetala* Miq.
2702. Acanthaceae: *Mendoncia hoffmannseggiana* Nees
2703. Acanthaceae: *Justicia calycina* (Nees) V. A. W. Graham
2704. Melastomataceae: *Adelobotrys adscendens* (Sw.) Triana
2705. Orchidaceae: *Dichaea splitgerberi* Rchb. f.
2706. Combretaceae: *Terminalia amazonia* (J. F. Gmel.) Exell
2707. Violaceae: *Rinorea pubiflora* (Benth.) Sprague & Sandwith

2708. Chrysobalanaceae: *Licania heteromorpha* var. *heteromorpha* Benth.
2709. Combretaceae: *Combretum laxum* Jacq.
2710. Fabaceae: *Bauhinia kunthiana* Vogel
2711. Melastomataceae: *Miconia mirabilis* (Aubl.) L. O. Williams
2712. Hippocrateaceae: *Cuervea kappleriana* (Miq.) A. C. Sm.
2713. Bignoniaceae: *Schlegelia violacea* (Aubl.) Griseb.
2714. Bignoniaceae: *Clytostoma binatum* (Thunb.) Sandwith
2715. Fabaceae: *Eperua grandiflora* ssp. *guyanensis* R. S. Cowan
2716. Dilleniaceae: *Tetracera* sp.
2717. Passifloraceae: *Passiflora* sp.
2718. Malvaceae: *Hibiscus bifurcatus* Cav.
2719. Cyperaceae: *Cyperus luzulae* (L.) Rottb. ex Retz.
2720. Cyperaceae: *Rhynchospora pubera* ssp. *pubera* (Vahl) Boeckeler
2721. Cyperaceae: *Cyperus luzulae* (L.) Rottb. ex Retz.
2722. Poaceae: *Panicum pilosum* Sw.
2723. Poaceae: *Panicum mertensii* Roth
2724. Capparaceae: *Cleome parviflora* Kunth
2725. Lythraceae: *Cuphea melvilla* Lindl.
2726. Moraceae: *Ficus amazonica* (Miq.) Miq.
2727. Clusiaceae: *Clusia grandiflora* Splitg.
2728. Chrysobalanaceae: *Chrysobalanus icaco* L.
2729. Vitaceae: *Cissus sicyoides* L.
2730. Compositae: *Clibadium surinamense* L.
2731. Boraginaceae: *Cordia spinescens* L.
2732. Burseraceae: *Protium decandrum* (Aubl.) Marchand
2733. Loganiaceae: Indet. sp.
2734. Marcgraviaceae: *Marcgravia purpurea* I. W. Bailey
2735. Fabaceae: *Zygia latifolia* var. *communis* Barneby & J. W. Grimes
2736. Elaeocarpaceae: *Sloanea* sp.
2737. Cyperaceae: *Hypolytrum longifolium* ssp. *sylvaticum* (Poepp. & Kunth) T. Koyama
2738. Melastomataceae: *Clidemia involucrata* DC.
2739. Araceae: *Montrichardia arborescens* (L.) Schott
2740. Vittariaceae: *Antrophyum guayanense* Hieron.
2741. Lecythidaceae: *Gustavia gigantophylla* Sandwith
2742. Dryopteridaceae: *Cyclodium varians* (Fée) A. R. Sm.
2743. Styracaceae: *Styrax* sp.
2744. Araceae: *Rhodospatha oblongata* Poepp.
2745. Malpighiaceae: *Byrsonima stipulacea* A. Juss.
2746. Bromeliaceae: *Tillandsia monadelpha* (E. Morren) Baker
2747. Polypodiaceae: *Microgramma fuscopunctata* (Hook.) Vareschi
2748. Clusiaceae: *Tovomita eggersii* Vesque
2749. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
2750. Verbenaceae: *Petrea bracteata* Steud.
2751. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
2752. Fabaceae: *Eperua schomburgkiana* Benth.
2753. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
2754. Sapotaceae: *Ecclinusa lanceolata* (Mart. & Eichler) Pierre
2755. Araceae: *Urospatha sagittifolia* (Rudge) Schott
2756. Marantaceae: *Ischnosiphon obliquus* (Rudge) Körn.
2757. Malpighiaceae: *Heteropterys leona* (Cav.) Exell
2758. Lauraceae: *Nectandra globosa* (Aubl.) Mez
2759. Fabaceae: *Dioclea scabra* (Rich.) R. H. Maxwell
2760. Melastomataceae: *Henriettea multiflora* Naudin
2761. Orchidaceae: *Epidendrum smaragdinum* Lindl.
2762. Piperaceae: *Piper insipiens* Trel. & Yunck.
2763. Melastomataceae: *Clidemia japurensis* var. *japurensis* DC.
2764. Asclepiadaceae: *Matelea stenopetala* Sandwith
2765. Gesneriaceae: *Nautilocalyx mimuloides* (Benth.) C. V. Morton
2766. Onagraceae: *Ludwigia latifolia* (Benth.) H. Hara
2767. Piperaceae: *Piper insipiens* Trel. & Yunck.
2768. Acanthaceae: *Justicia calycina* (Nees) V. A. W. Graham
2769. Haemodoraceae: *Schiekia orinocensis* ssp. *orinocensis* (Kunth) Meisn.
2770. Rubiaceae: *Isertia parviflora* Vahl
2771. Lamiaceae: *Amasonia campestris* (Aubl.) Moldenke
2772. Melastomataceae: *Miconia ciliata* (Rich.) DC.
2772a. Myrtaceae: *Myrcia bracteata* (Rich.) DC.
2773. Fabaceae: *Eriosema simplicifolium* (Kunth) G. Don
2774. Rubiaceae: *Palicourea rigida* Kunth
2775. Gentianaceae: *Coutoubea spicata* Aubl.
2776. Compositae: *Clibadium armani* (Balb.) Sch. Bip. ex O. E. Schulz
2777. Rubiaceae: *Morinda tenuiflora* (Benth.) Steyerm.
2778. Lycopodiaceae: *Lycopodiella camporum* B. Øllg. & P. G. Windisch
2779. Heliconiaceae: *Heliconia psittacorum* L. f.
2780. Cyperaceae: *Fuirena umbellata* Rottb.
2781. Cyperaceae: *Rhynchospora barbata* (Vahl) Kunth
2782. Xyridaceae: *Xyris savanensis* Miq.
2783. Cyperaceae: *Scleria longigluma* Kük.
2784. Poaceae: *Andropogon virgatus* Desv. ex Ham.
2785. Poaceae: *Otachyrium succisum* (Swallen) Send. & Soderstr.
2786. Poaceae: *Oryza latifolia* Desv.
2787. Poaceae: *Axonopus eminens* (Nees) G. A. Black
2788. Poaceae: *Paspalum plicatulum* Michx.
2789. Poaceae: *Schizachyrium sanguineum* (Retz.) Alston
2790. Fabaceae: *Crotalaria pilosa* Mill.
2791. Euphorbiaceae: *Phyllanthus stipulatus* (Raf.) G. L. Webster
2792. Fabaceae: *Eriosema* sp.
2793. Onagraceae: *Ludwigia nervosa* (Poir.) H. Hara
2794. Melastomataceae: *Acisanthera uniflora* (Vahl) Gleason
2795. Polygalaceae: *Polygala timoutou* Aubl.
2796. Melastomataceae: *Rhynchanthera grandiflora* (Aubl.) DC.
2797. Sterculiaceae: *Melochia spicata* (L.) Fryxell
2798. Sterculiaceae: *Byttneria genistella* Triana & Planch.
2799. Rubiaceae: *Sipanea hispida* Benth. ex Wernham

2800. Fabaceae: *Chamaecrista desvauxii* var. *mollissima* (Benth.) H. S. Irwin & Barneby
2801. Flacourtiaceae: *Casearia commersoniana* Cambess.
2802. Lamiaceae: *Hyptis hirsuta* Kunth
2803. Vochysiaceae: *Vochysia* sp.
2804. Onagraceae: *Ludwigia rigida* (Miq.) Sandwith
2805. Fabaceae: *Aeschynomene histrix* Poir.
2806. Xyridaceae: *Xyris laxifolia* var. *laxifolia* Mart.
2807. Lamiaceae: *Hyptis lantanifolia* Poit.
2808. Sterculiaceae: *Melochia spicata* (L.) Fryxell
2809. Melastomataceae: *Desmoscelis villosa* (Aubl.) Naudin
2810. Xyridaceae: *Xyris jupicai* Rich.
2811. Compositae: *Wulffia baccata* (L. f.) Kuntze
2812. Poaceae: *Paspalum lanciflorum* Trin.
2813. Fabaceae: *Indigofera lespedezioides* Kunth
2814. Poaceae: *Panicum olyroides* Kunth
2815. Fabaceae: Indet. sp.
2816. Malpighiaceae: *Byrsonima verbascifolia* (L.) DC.
2817. Polypodiaceae: *Microgramma lycopodioides* (L.) Copel.
2818. Myrtaceae: *Eugenia punicifolia* (H.B.K.) DC.
2819. Compositae: *Ichthyothere terminalis* (Spreng.) S. F. Blake
2820. Lythraceae: *Cuphea antisyphilitica* var. *acutifolia* Benth.
2821. Poaceae: *Sporobolus jacquemontii* Kunth
2822. Cyperaceae: *Scleria distans* Poir.
2823. Piperaceae: *Piper hispidum* Sw.
2824. Piperaceae: *Piper pseudoglabrescens* Trel. & Yunck.
2825. Rubiaceae: *Psychotria racemosa* Rich.
2826. Apocynaceae: *Tabernaemontana heterophylla* Vahl
2827. Annonaceae: *Cymbopetalum brasiliense* (Vell.) Benth. ex Baill.
2828. Rubiaceae: *Psychotria gracilenta* Müll. Arg.
2829. Poaceae: *Olyra micrantha* Kunth
2830. Arecaceae: *Hyospathe elegans* ssp. *elegans* Mart.
2831. Poaceae: *Lasiacis sorghoidea* (Desv. ex Ham.) Hitchc. & Chase
2832. Ulmaceae: *Trema micrantha* (L.) Blume
2833. Poaceae: *Streptogyna americana* C. E. Hubb.
2834. Adiantaceae: *Adiantum argutum* Splitg.
2835. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
2836. Tectariaceae: *Triplophyllum dicksonioides* (Fée) Holttum
2837. Adiantaceae: *Adiantum phyllitidis* J. Sm.
2838. Tectariaceae: *Triplophyllum dicksonioides* (Fée) Holttum
2839. Thelypteridaceae: *Thelypteris opulenta* (Kaulf.) Fosberg
2840. Tectariaceae: *Triplophyllum acutilobum* Holttum
2841. Adiantaceae: *Adiantum latifolium* Lam. ssp. *serratodentatum* Humb. & Bonpl. ex Willd.
2841a. Adiantaceae: *Adiantum glaucescens* Klotzsch
2842. Dennstaedtiaceae: *Saccoloma elegans* ssp. *chartaceum* Nair ex Cremers & K. U. Kramer
2843. Adiantaceae: *Adiantum fuliginosum* Fée
2844. Passifloraceae: *Passiflora glandulosa* Cav.
2845. Apocynaceae: *Bonafousia sananho* (Ruiz & Rav.) Markgr.
2846. Violaceae: *Rinorea pubiflora* (Benth.) Sprague & Sandwith
2847. Campanulaceae: *Centropogon cornutus* (L.) Druce
2848. Euphorbiaceae: *Acalypha diversifolia* Jacq.
2849. Piperaceae: *Piper hostmannianum* (Miq.) C. DC.
2850. Violaceae: *Rinorea riana* Kuntze
2851. Lauraceae: *Aniba megaphylla* Mez
2852. Solanaceae: *Solanum semotum* M. Nee
2853. Heliconiaceae: *Heliconia spathocircinata* Aristeg.
2854. Chrysobalanaceae: *Hirtella racemosa* var. *racemosa* Lam.
2855. Arecaceae: *Socratea exorrhiza* (Mart.) H. Wendl.
2856. Tectariaceae: *Tectaria trifoliata* (L.) Cav.
2857. Adiantaceae: *Adiantum cajennense* Willd. ex Klotzsch
2858. Thelypteridaceae: *Thelypteris opulenta* (Kaulf.) Fosberg
2859. Polypodiaceae: *Pecluma plumula* (Humb. & Bonpl. ex Willd.) M. G. Price
2860. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
2861. Woodsiaceae: *Diplazium cristatum* (Desr.) Alston
2862. Piperaceae: *Peperomia quadrangularis* (J. V. Thomps.) A. Dietr.
2863. Thelypteridaceae: *Thelypteris glandulosa* (Desv.) Proctor
2864. Piperaceae: *Piper consanguineum* Kunth
2865. Woodsiaceae: *Diplazium celtidifolium* Kunze
2866. Marattiaceae: *Danaea trifoliata* Rchb. ex Kunze
2867. Adiantaceae: *Adiantum pulverulentum* L.
2868. Adiantaceae: *Adiantum obliquum* Willd.
2869. Adiantaceae: *Adiantum cajennense* Willd. ex Klotzsch
2870. Adiantaceae: *Adiantum tetraphyllum* Humb. & Bonpl. ex Willd. var. *tetraphyllum*
2871. Adiantaceae: *Adiantum glaucescens* Klotzsch
2872. Adiantaceae: *Adiantum cajennense* Willd. ex Klotzsch
2873. Adiantaceae: *Adiantum fuliginosum* Fée
2874. Adiantaceae: *Adiantum terminatum* Kunze ex Miq.
2875. Hymenophyllaceae: *Trichomanes vittaria* DC. ex Poir.
2876. Cyperaceae: *Calyptrocarya bicolor* (H. Pfeiff.) T. Koyama
2877. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
2878. Parmeliaceae: *Usnea* sp.
2879. Marantaceae: *Ischnosiphon arouma* (Aubl.) Körn.
2880. Aspleniaceae: *Asplenium serratum* L.
2881. Rubiaceae: *Psychotria kappleri* (Miq.) Müll. Arg. ex Benoist
2882. Piperaceae: *Piper avellanum* (Miq.) C. DC.
2883. Rubiaceae: *Alseis smithii* Standl.
2884. Flacourtiaceae: *Ryania speciosa* Vahl
2885. Meliaceae: *Guarea guidonia* (L.) Sleumer
2886. Melastomataceae: *Leandra solenifera* Cogn.
2887. Piperaceae: *Piper peltatum* L.
2888. Rubiaceae: *Gonzalagunia dicocca* Cham. & Schltdl.
2889. Violaceae: *Rinorea macrocarpa* (Mart. ex Eichler) Kuntze

2890. Elaeocarpaceae: *Sloanea grandiflora* Sm.
2891. Adiantaceae: *Adiantum phyllitidis* J. Sm.
2892. Basidiomycete: Indet. sp.
2893. Piperaceae: *Piper arboreum* Aubl.
2894. Piperaceae: *Piper anonifolium* (Kunth) C. DC.
2895. Piperaceae: *Piper arboreum* Aubl.
2896. Poaceae: *Ichnanthus pallens* (Sw.) Munro ex Benth.
2897. Poaceae: *Pharus parvifolius* ssp. *parvifolius* Nash
2898. Cyperaceae: *Cyperus luzulae* (L.) Rottb. ex Retz.
2899. Annonaceae: *Duguetia macrocalyx* R. E. Fr.
2900. Adiantaceae: *Adiantum dolosum* Kunze
2901. Adiantaceae: *Adiantum leprieurii* Hook.
2902. Adiantaceae: *Adiantum latifolium* Lam.
2903. Selaginellaceae: *Selaginella parkeri* (Hook. & Grev.) Spring
2904. Tectariaceae: *Triplophyllum dicksonioides* (Fée) Holttum
2905. Adiantaceae: *Adiantum glaucescens* Klotzsch
2906. Adiantaceae: *Adiantum pulverulentum* L.
2907. Cyatheaceae: *Cyathea cyatheoides* (Desv.) K. U. Kramer
2908. Polypodiaceae: *Campyloneurum repens* (Aubl.) C. Presl
2909. Adiantaceae: *Adiantum dolosum* Kunze
2910. Lomariopsidaceae: *Bolbitis semipinnatifida* (Fée) Alston
2911. Marattiaceae: *Danaea nodosa* (L.) Sm.
2912. Compositae: *Piptocarpha poeppigiana* (DC.) Baker
2913. Myristicaceae: *Iryanthera* sp.
2914. Rubiaceae: *Guettarda acreana* K. Krause
2915. Sapindaceae: *Pseudima frutescens* (Aubl.) Radlk.
2916. Cucurbitaceae: *Cayaponia racemosa* (Mill.) Cogn.
2917. Rubiaceae: *Isertia verrucosa* (Bonpl.) Standl.
2918. Vitaceae: *Cissus erosa* Rich.
2919. Passifloraceae: *Passiflora coccinea* Aubl.
2920. Euphorbiaceae: *Margaritaria nobilis* L. f.
2921. Fabaceae: *Senna quinquangulata* (Rich.) H. S. Irwin & Barneby
2922. Moraceae: *Ficus paraensis* (Miq.) Miq.
2923. Sterculiaceae: *Theobroma subincanum* Mart.
2924. Gentianaceae: *Coutoubea ramosa* Aubl.
2924a. Sterculiaceae: *Theobroma subincanum* Mart.
2925. Clusiaceae: *Chrysochlamys membranacea* Planch. & Triana
2926. Poaceae: *Pharus latifolius* L.
2927. Flacourtiaceae: *Casearia pitumba* Sleumer
2928. Fabaceae: *Inga* sp.
2929. Polyporaceae: Indet. sp.
2930. Xylariaceae: *Xylaria* sp.
2931. Hypnaceae: *Ectropothecium leptochaeton* (Schwaegr.) W. R. Buck
2932. Chrysobalanaceae: *Hirtella obidensis* Ducke
2933. Euphorbiaceae: *Tragia fendleri* Müll. Arg.
2934. Passifloraceae: *Passiflora capsularis* L.
2935. Orchidaceae: *Ligeophila clavigera* (Rchb. f.) Garay
2936. Solanaceae: *Solanum subinerme* Jacq.
2937. Verbenaceae: *Stachytarpheta cayennensis* (Rich.) Vahl
2938. Fabaceae: *Senna obtusifolia* (L.) H. S. Irwin & Barneby
2939. Ulmaceae: *Trema micrantha* (L.) Blume
2940. Poaceae: *Panicum pilosum* Sw.
2941. Rubiaceae: *Hemidiodia ocymifolia* (Willd. ex Roem. & Schult.) K. Schum.
2942. Fabaceae: *Mimosa pudica* var. *tetrandra* L.
2943. Compositae: *Elephantopus pilosus* Philipson
2944. Amaranthaceae: *Cyathula prostrata* (L.) Blume
2945. Compositae: *Centratherum punctatum* Cass.
2946. Cyperaceae: *Scleria gaertneri* Raddi
2947. Fabaceae: *Desmodium axillare* (Sw.) DC.
2948. Malvaceae: *Sida glomerata* Cav.
2949. Thelypteridaceae: *Thelypteris poiteana* (Bory) Proctor
2950. Fabaceae: *Bauhinia aculeata* L.
2951. Fabaceae: *Mucuna urens* (L.) Medik.
2952. Xylariaceae: Indet. sp.
2953. Chrysobalanaceae: *Exellodendron barbatum* (Ducke) Prance
2954. Rubiaceae: *Psychotria irwinii* Steyerm.
2955. Theophrastaceae: *Clavija lancifolia* ssp. *chermontiana* (Standl.) B. Ståhl
2956. Polypodiaceae: *Niphidium crassifolium* (L.) Lellinger
2957. Xylariaceae: *Xylaria* sp.
2958. Polyporaceae: Indet. sp.
2959. Clavariaceae: Indet. sp.
2960. Arecaceae: *Euterpe oleracea* Mart.
2961. Uredinales: Indet. sp.
2962. Loranthaceae: Indet. sp.
2963. Monimiaceae: *Siparuna* sp.
2964. Rutaceae: *Conchocarpus ucayalinus* (Huber) Kallunki & Pirani
2965. Rubiaceae: *Palicourea calophylla* DC.
2966. Lichen: Indet. sp.
2967. Meliaceae: *Trichilia surinamensis* (Miq.) C. DC.
2968. Ochnaceae: *Ouratea fasciculata* Maguire & Steyerm.
2969. Cucurbitaceae: *Gurania sinuata* (Benth.) Cogn.
2970. Rutaceae: Indet. sp.
2971. Piperaceae: *Piper* sp.
2972. Orchidaceae: *Lockhartia imbricata* (Lam.) Hoehne
2973. Orchidaceae: *Maxillaria uncata* Lindl.
2974. Commelinaceae: *Dichorisandra hexandra* (Aubl.) Kuntze ex Hand.-Mazz.
2975. Annonaceae: *Anaxagorea acuminata* (Dunal) A. DC.
2976. Hippocrateaceae: *Peritassa glabra* (A. C. Sm.) Lombardi
2977. Lauraceae: *Kubitzkia macrantha* (Kosterm.) van der Werff
2978. Annonaceae: *Guatteria scandens* Ducke
2979. Polypodiaceae: *Microgramma fuscopunctata* (Hook.) Vareschi

2980. Polypodiaceae: *Dicranoglossum desvauxii* (Klotzsch) Proctor
2981. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
2982. Polyporaceae: Indet. sp.
2983. Xylariaceae: *Xylaria* sp.
2984. Polyporaceae: Indet. sp.
2985. Polyporaceae: Indet. sp.
2986. Lichen: Indet. sp.
2987. Rubiaceae: *Geophila cordifolia* Miq.
2988. Melastomataceae: *Clidemia dentata* D. Don
2989. Rubiaceae: *Psychotria bahiensis* DC.
2990. Adiantaceae: *Adiantum cajennense* Willd. ex Klotzsch
2991. Cyatheaceae: *Cyathea surinamensis* (Miq.) Domin
2992. Thelypteridaceae: *Thelypteris opulenta* (Kaulf.) Fosberg
2993. Chrysobalanaceae: *Licania densiflora* Kleinh.
2994. Sapotaceae: *Micropholis guyanensis* (A. DC.) Pierre
2995. Aspleniaceae: *Asplenium angustum* Sw.
2996. Polypodiaceae: *Microgramma persicariifolia* (Schrad.) C. Presl
2997. Adiantaceae: *Hemionitis rufa* (L.) Sw.
2998. Aspleniaceae: *Asplenium angustum* Sw.
2999. Polypodiaceae: *Pecluma plumula* (Humb. & Bonpl. ex Willd.) M. G. Price
3000. Polypodiaceae: *Phlebodium decumanum* (Willd.) J. Sm.
3000a. Polypodiaceae: *Polypodium triseriale* Sw.
3001. Aspleniaceae: *Asplenium angustum* Sw.
3002. Gentianaceae: *Irlbachia alata* (Aubl.) Maas
3003. Clusiaceae: *Clusia nemorosa* G. Mey.
3004. Orchidaceae: *Epidendrum ibaguense* Lindl.
3005. Poaceae: *Oplismenus hirtellus* (L.) P. Beauv.
3006. Bignoniaceae: Indet. sp.
3007. Adiantaceae: *Adiantum latifolium* Lam.
3008. Lauraceae: *Ocotea neesiana* (Miq.) Kosterm.
3009. Euphorbiaceae: *Omphalea diandra* L.
3010. Cactaceae: *Rhipsalis baccifera* (J. S. Mill.) Stearn
3011. Araceae: *Philodendron linnaei* Kunth
3012. Vitaceae: *Cissus erosa* Rich.
3013. Myrtaceae: *Eugenia punicifolia* (H.B.K.) DC.
3014. Eriocaulaceae: *Paepalanthus fasciculatus* (Rottb.) Kunth
3015. Melastomataceae: *Clidemia sericea* D. Don
3016. Polygalaceae: *Securidaca* sp.
3017. Myristicaceae: *Iryanthera sagotiana* (Benth.) Warb.
3018. Polyporaceae: Indet. sp.
3019. Xylariaceae: *Xylaria* sp.
3020. Chrysobalanaceae: *Exellodendron barbatum* (Ducke) Prance
3021. Lauraceae: *Licaria pachycarpa* (Meisn.) Kosterm.
3022. Orchidaceae: *Dichaea* sp.
3023. Vittariaceae: *Antrophyum guayanense* Hieron.
3024. Vittariaceae: *Antrophyum guayanense* Hieron.
3024a. Xylariaceae: *Xylaria* sp.
3025. Rubiaceae: *Psychotria platypoda* DC.
3026. Chrysobalanaceae: *Hirtella physophora* Mart. & Zucc.
3027. Cyperaceae: *Calyptrocarya poeppigiana* Kunth
3028. Cyperaceae: *Calyptrocarya glomerulata* (Brongn.) Urb.
3029. Arecaceae: *Astrocaryum sciophilum* (Miq.) Pulle
3030. Moraceae: *Ficus amazonica* (Miq.) Miq.
3031. Moraceae: *Ficus amazonica* (Miq.) Miq.
3031a. Aspleniaceae: *Asplenium serratum* L.
3032. Adiantaceae: *Adiantum latifolium* Lam.
3033. Moraceae: *Ficus mathewsii* (Miq.) Miq.
3034. Adiantaceae: *Doryopteris collina* (Raddi) J. Sm.
3035. Aspleniaceae: *Asplenium pearcei* Baker
3036. Polypodiaceae: *Pecluma pectinata* (L.) M. G. Price
3037. Adiantaceae: *Doryopteris sagittifolia* J. Sm.
3038. Aspleniaceae: *Asplenium serratum* L.
3039. Polypodiaceae: *Dicranoglossum desvauxii* (Klotzsch) Proctor
3040. Boraginaceae: *Cordia nodosa* Lam.
3042. Marantaceae: *Maranta gibba* Small
3043. Clusiaceae: *Clusia minor* L.
3044. Fabaceae: *Dioclea guianensis* Benth.
3045. Araceae: *Philodendron* sp.
3045a. Clusiaceae: *Clusia nemorosa* G. Mey.
3046. Rubiaceae: *Declieuxia tenuiflora* (Willd. ex Roem. & Schult.) Steyerm. & J. H. Kirkbr.
3047. Araceae: *Philodendron deflexum* Poepp. ex Schott
3048. Compositae: *Chromolaena odorata* (L.) R. M. King & H. Rob.
3049. Cactaceae: *Epiphyllum phyllanthus* (L.) Haw.
3050. Clusiaceae: *Clusia nemorosa* G. Mey.
3051. Annonaceae: *Duguetia calycina* Benoist
3052. Poaceae: *Panicum trichoides* Sw.
3053. Poaceae: *Axonopus* sp.
3054. Cochlospermaceae: *Cochlospermum orinocense* (Kunth) Steud.
3055. Cactaceae: *Pilosocereus oligolepis* (Vaupel) Byles & G. D. Rowley
3056. Cactaceae: *Pilosocereus oligolepis* (Vaupel) Byles & G. D. Rowley
3057. Asclepiadaceae: *Marsdenia gillespieae* Morillo
3058. Costaceae: *Costus spiralis* var. *villosus* Maas
3059. Malvaceae: *Briquetia spicata* (Kunth) Fryxell
3060. Begoniaceae: *Begonia prieurii* A. DC.
3061. Orchidaceae: *Lockhartia imbricata* (Lam.) Hoehne
3062. Myrtaceae: *Eugenia* sp.
3063. Violaceae: *Rinorea brevipes* (Benth.) S. F. Blake
3064. Burseraceae: *Protium heptaphyllum* ssp. *heptaphyllum* (Aubl.) Marchand
3065. Burseraceae: *Protium heptaphyllum* ssp. *heptaphyllum* (Aubl.) Marchand
3066. Fabaceae: *Zygia ampla* (Benth.) Pittier
3067. Portulacaceae: *Portulaca sedifolia* N. E. Br.
3068. Schizaeaceae: *Anemia flexuosa* (Savigny) Sw.
3069. Bromeliaceae: *Aechmea bromeliifolia* (Rudge) Baker
3070. Cactaceae: *Hylocereus* sp.
3071. Cladoniaceae: Indet. sp.
3072. Chrysobalanaceae: *Licania leptostachya* Benth.

3073. Fabaceae: *Acosmium* sp.
3074. Vitaceae: *Cissus sicyoides* L.
3075. Myrtaceae: *Eugenia lambertiana* DC.
3076. Malpighiaceae: *Tetrapterys mucronata* Cav.
3077. Annonaceae: *Annona hypoglauca* Mart.
3078. Burseraceae: *Protium heptaphyllum* ssp. *heptaphyllum* (Aubl.) Marchand
3079. Fabaceae: *Macrolobium acaciifolium* Benth.
3080. Sapindaceae: *Matayba macrostylis* Radlk.
3081. Fabaceae: *Dioclea virgata* (Rich.) Amshoff
3082. Chrysobalanaceae: *Hirtella racemosa* var. *hexandra* (Willd. ex Roem. & Schult.) Prance
3083. Malpighiaceae: *Byrsonima arthropoda* A. Juss.
3084. Capparaceae: *Crateva tapia* L.
3085. Euphorbiaceae: *Croton cuneatus* Klotzsch
3086. Violaceae: *Rinorea pubiflora* (Benth.) Sprague & Sandwith
3087. Hippocrateaceae: *Hippocratea volubilis* L.
3088. Bignoniaceae: *Paragonia pyramidata* (Rich.) Bureau
3089. Bignoniaceae: Indet. sp.
3089a. Boraginaceae: *Tournefortia maculata* Jacq.
3090. Fabaceae: *Inga* sp.
3091. Rubiaceae: *Genipa spruceana* Steyerm.
3092. Solanaceae: *Solanum monachophyllum* Dunal
3093. Malpighiaceae: *Tetrapterys mucronata* Cav.
3094. Myrsinaceae: *Stylogyne orinocensis* (Kunth) Mez
3095. Chrysobalanaceae: *Licania heteromorpha* var. *glabra* (Mart. ex Hook. f.) Prance
3096. Boraginaceae: *Tournefortia hirsutissima* L.
3097. Fabaceae: *Swartzia panacoco* var. *panacoco* (Aubl.) R. S. Cowan
3098. Araceae: *Philodendron solimoesense* A. C. Sm.
3099. Sapotaceae: *Pouteria guianensis* Aubl.
3100. Fabaceae: *Eperua rubiginosa* Miq.
3101. Apocynaceae: *Himatanthus articulatus* (Vahl) Woodson
3102. Annonaceae: *Duguetia quitarensis* Benth.
3103. Orchidaceae: *Aspidogyne confusa* (C. Schweinf.) Garay
3104. Flacourtiaceae: *Homalium racemosum* Jacq.
3105. Fabaceae: *Calopogonium mucunoides* Desv.
3106. Euphorbiaceae: *Plukenetia loretensis* Ule
3107. Fabaceae: *Macrolobium angustifolium* (Benth.) R. S. Cowan
3108. Annonaceae: *Anaxagorea brevipes* Benth.
3109. Monimiaceae: *Siparuna guianensis* Aubl.
3110. Melastomataceae: *Miconia argyrophylla* ssp. *argyrophylla* DC.
3111. Commelinaceae: *Dichorisandra hexandra* (Aubl.) Kuntze ex Hand.-Mazz.
3112. Apocynaceae: *Mesechites trifida* (Jacq.) Müll. Arg.
3113. Polygalaceae: *Securidaca* sp.
3114. Lauraceae: *Nectandra amazonum* Nees
3115. Rubiaceae: *Psychotria lupulina* Benth.
3116. Bignoniaceae: *Cydista aequinoctialis* (L.) Miers
3117. Euphorbiaceae: *Sagotia brachysepala* (Müll. Arg.) Secco
3118. Malpighiaceae: *Hiraea faginea* (Sw.) Nied.
3119. Lecythidaceae: *Eschweilera pedicellata* (Rich.) S. A. Mori
3120. Fabaceae: *Machaerium quinatum* (Aubl.) Sandwith
3121. Fabaceae: *Calliandra laxa* var. *stipulacea* (Benth.) Barneby
3122. Orchidaceae: *Dichaea* sp.
3123. Bignoniaceae: *Memora schomburgkii* (DC.) Miers
3124. Combretaceae: Indet. sp.
3125. Ochnaceae: *Ouratea fasciculata* Maguire & Steyerm.
3126. Rubiaceae: *Psychotria astrellantha* Wernham
3127. Polypodiaceae: *Campyloneurum phyllitidis* (L.) C. Presl
3128. Piperaceae: *Piper consanguineum* Kunth
3129. Melastomataceae: *Tococa guianensis* Aubl.
3130. Rubiaceae: *Palicourea calophylla* DC.
3131. Hymenophyllaceae: *Trichomanes vittaria* DC. ex Poir.
3132. Bignoniaceae: *Cydista aequinoctialis* (L.) Miers
3133. Fabaceae: *Hydrochorea corymbosa* (Rich.) Barneby & J. W. Grimes
3134. Rubiaceae: *Palicourea croceoides* Desv. ex Ham.
3135. Malvaceae: *Hibiscus bifurcatus* Cav.
3136. Piperaceae: *Peperomia macrostachya* (Vahl) A. Dietr.
3137. Polygalaceae: *Securidaca* sp.
3138. Melastomataceae: *Clidemia dentata* D. Don
3139. Passifloraceae: *Passiflora glandulosa* Cav.
3140. Polygonaceae: *Triplaris* sp.
3141. Rubiaceae: *Posoqueria coriacea* M. Martens & Galeotti
3142. Rubiaceae: *Psychotria lupulina* Benth.
3143. Lamiaceae: *Vitex triflora* Vahl
3144. Moraceae: *Brosimum lactescens* (S. Moore) C. C. Berg
3145. Combretaceae: *Combretum laxum* Jacq.
3146. Fabaceae: *Machaerium quinatum* var. *quinatum* (Aubl.) Sandwith
3147. Annonaceae: *Pseudoxandra lucida* R. E. Fr.
3148. Annonaceae: *Unonopsis guatterioides* (A. DC.) R. E. Fr.
3149. Connaraceae: Indet. sp.
3150. Melastomataceae: *Miconia* sp.
3151. Proteaceae: *Panopsis rubescens* (Pohl) Rusby
3152. Bignoniaceae: *Paragonia pyramidata* (Rich.) Bureau
3153. Fabaceae: *Vigna luteola* (Jacq.) Benth.
3154. Melastomataceae: *Mouriri acutiflora* Naudin
3155. Euphorbiaceae: *Phyllanthus stipulatus* (Raf.) G. L. Webster
3156. Lecythidaceae: *Eschweilera parvifolia* Mart. ex DC.
3157. Erythroxylaceae: *Erythroxylum* sp.
3158. Bignoniaceae: *Clytostoma binatum* (Thunb.) Sandwith
3159. Hippocrateaceae: *Salacia impressifolia* (Miers) A. C. Sm.
3160. Euphorbiaceae: *Mabea taquari* Aubl.
3161. Myrtaceae: *Eugenia egensis* DC.
3162. Sapotaceae: *Pouteria cuspidata* (A. DC.) Baehni
3163. Flacourtiaceae: *Lindackeria paludosa* (Benth.) Gilg
3164. Polygalaceae: *Securidaca divaricata* Nees & Mart.

3165. Burseraceae: *Protium heptaphyllum* ssp. *heptaphyllum* (Aubl.) Marchand
3166. Rubiaceae: *Rudgea cornifolia* (Kunth) Standl.
3167. Flacourtiaceae: Indet. sp.
3168. Myrtaceae: *Psidium* sp.
3169. Annonaceae: *Duguetia quitarensis* Benth.
3170. Rubiaceae: *Psychotria capitata* Ruiz & Pav.
3171. Violaceae: *Rinorea pubiflora* (Benth.) Sprague & Sandwith
3172. Bombacaceae: *Catostemma fragrans* Benth.
3173. Lecythidaceae: Indet. sp.
3174. Orchidaceae: *Maxillaria camaridii* Rchb. f.
3175. Loganiaceae: *Strychnos* sp.
3176. Clusiaceae: *Vismia cayennensis* (Jacq.) Pers.
3177. Combretaceae: *Combretum laxum* Jacq.
3178. Polypodiaceae: *Pleopeltis percussa* (Cav.) Hook. & Grev.
3179. Bignoniaceae: *Anemopaegma chrysoleucum* (Kunth) Sandwith
3180. Fabaceae: *Ormosia* sp.
3181. Melastomataceae: *Mouriri* sp.
3182. Connaraceae: *Rourea ligulata* Baker
3183. Gnetaceae: *Gnetum urens* (Aubl.) Blume
3184. Fabaceae: *Dialium guianense* (Aubl.) Sandwith
3185. Cyperaceae: *Cyperus odoratus* L.
3186. Polyporaceae: Indet. sp.
3187. Araceae: *Monstera adansonii* Schott
3188. Araceae: *Monstera adansonii* Schott
3189. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
3190. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
3191. Araceae: *Monstera obliqua* Miq.
3192. Hippocrateaceae: *Hippocratea volubilis* L.
3193. Fabaceae: *Tachigali* sp.
3194. Fabaceae: *Inga java* Pittier
3195. Annonaceae: *Xylopia discreta* (L. f.) Spruce & Hutch.
3196. Malpighiaceae: *Heteropterys macradena* (DC.) W. R. Anderson
3197. Melastomataceae: *Tococa subciliata* (DC.) Triana
3198. Fabaceae: *Inga nobilis* Willd.
3199. Apocynaceae: *Malouetia tamaquarina* (Aubl.) A. DC.
3200. Apocynaceae: *Malouetia* sp.
3201. Combretaceae: *Combretum laxum* Jacq.
3202. Fabaceae: *Dioclea reflexa* Hook. f.
3203. Heliconiaceae: *Heliconia acuminata* A. Rich.
3204. Fabaceae: *Inga disticha* Benth.
3205. Combretaceae: *Combretum rotundifolium* Rich.
3206. Melastomataceae: *Mouriri grandiflora* DC.
3207. Bignoniaceae: *Adenocalymna inundatum* var. *surinamense* Bureau & K. Schum.
3208. Bignoniaceae: *Clytostoma binatum* (Thunb.) Sandwith
3209. Bignoniaceae: *Cydista aequinoctialis* (L.) Miers
3210. Chrysobalanaceae: *Licania apetala* var. *apetala* (E. Mey.) Fritsch
3211. Melastomataceae: *Mouriri guianensis* Aubl.
3212. Apocynaceae: *Bonafousia undulata* (Vahl) A. DC.
3213. Melastomataceae: *Miconia nervosa* (Sm.) Triana
3214. Myrtaceae: *Eugenia tapacumensis* O. Berg
3215. Flacourtiaceae: *Casearia pitumba* Sleumer
3216. Fabaceae: *Cynometra bauhiniifolia* Benth.
3217. Bignoniaceae: *Cydista aequinoctialis* (L.) Miers
3218. Asclepiadaceae: *Cynanchum* sp.
3219. Passifloraceae: *Passiflora vespertilio* L.
3220. Lecythidaceae: *Eschweilera pedicellata* (Rich.) S. A. Mori
3221. Proteaceae: *Panopsis rubescens* (Pohl) Rusby
3222. Combretaceae: *Buchenavia viridiflora* Ducke
3223. Passifloraceae: Indet. sp.
3224. Violaceae: *Paypayrola hulkiana* Pulle
3225. Fabaceae: *Inga* sp.
3226. Fabaceae: *Machaerium leiophyllum* (DC.) Benth.
3227. Poaceae: *Acroceras zizanioides* (Kunth) Dandy
3228. Myrtaceae: *Eugenia florida* DC.
3229. Aspleniaceae: *Asplenium serratum* L.
3230. Aspleniaceae: *Asplenium angustum* Sw.
3231. Arecaceae: *Iriartella setigera* (Mart.) H. Wendl.
3232. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.
3233. Lamiaceae: *Hyptis* sp.
3234. Fabaceae: *Inga pilosula* (Rich.) J. F. Macbr.
3235. Loranthaceae: Indet. sp.
3236. Turneraceae: Indet. sp.
3237. Rubiaceae: *Diodia hyssopifolia* (Willd. ex Roem. & Schult.) Cham. & Schltdl.
3238. Violaceae: *Hybanthus oppositifolius* (L.) Taub.
3239. Bignoniaceae: *Anemopaegma robustum* Bureau & K. Schum.
3240. Chrysobalanaceae: *Licania leptostachya* Benth.
3241. Smilacaceae: *Smilax schomburgkiana* Kunth
3242. Acanthaceae: *Justicia schomburgkiana* (Nees) V. A. W. Graham
3242a. Violaceae: *Paypayrola hulkiana* Pulle
3243. Orchidaceae: *Epidendrum microphyllum* Lindl.
3244. Cactaceae: *Rhipsalis baccifera* (J. S. Mill.) Stearn
3245. Celastraceae: *Goupia glabra* Aubl.
3246. Rutaceae: *Galipea trifoliata* Aubl.
3247. Fabaceae: *Swartzia brachyrachis* var. *glabrata* R. S. Cowan
3248. Burseraceae: *Crepidospermum rhoifolium* (Benth.) Triana & Planch.
3249. Myristicaceae: *Iryanthera juruensis* Warb.
3250. Dichapetalaceae: *Tapura guianensis* Aubl.
3251. Cecropiaceae: *Pourouma guianensis* ssp. *guianensis* Aubl.
3252. Polypodiaceae: *Campyloneurum phyllitidis* (L.) C. Presl
3253. Aspleniaceae: *Asplenium serratum* L.
3254. Polypodiaceae: *Campyloneurum angustifolium* (Sw.) Fée

3255. Polypodiaceae: *Microgramma baldwinii* Brade
3256. Polypodiaceae: *Pleopeltis percussa* (Cav.) Hook. & Grev.
3257. Polypodiaceae: *Pecluma plumula* (Humb. & Bonpl. ex Willd.) M. G. Price
3258. Polypodiaceae: *Campyloneurum phyllitidis* (L.) C. Presl
3259. Polypodiaceae: *Dicranoglossum desvauxii* (Klotzsch) Proctor
3260. Poaceae: *Guadua weberbaueri* Pilg.
3261. Cyclanthaceae: *Asplundia* sp.
3262. Orchidaceae: *Scaphyglottis sickii* Pabst
3263. Lycopodiaceae: *Huperzia dichotoma* (Jacq.) Trevis.
3264. Burseraceae: *Protium crassipetalum* Cuatrec.
3265. Lichen: Indet. sp.
3266. Orchidaceae: *Brassia* sp.
3267. Convolvulaceae: *Merremia macrocalyx* (Ruiz & Pav.) O'Donell
3268. Apocynaceae: *Bonafousia muelleriana* (Mart. ex Müll. Arg.) Boiteau & L. Allorge
3269. Fabaceae: *Swartzia arborescens* (Aubl.) Pittier
3270. Myristicaceae: *Virola surinamensis* (Rol.) Warb.
3271. Zingiberaceae: *Renealmia floribunda* K. Schum.
3272. Fabaceae: *Senna silvestris* (Vell.) H. S. Irwin & Barneby
3273. Meliaceae: *Guarea pubescens* (Rich.) A. Juss.
3274. Orchidaceae: *Polystachya concreta* (Jacq.) Garay & H. R. Sweet
3275. Hymenophyllaceae: *Trichomanes bicorne* Hook.
3276. Hymenophyllaceae: *Trichomanes humboldtii* (Bosch) Lellinger
3277. Hymenophyllaceae: *Trichomanes martiusii* C. Presl
3278. Schizaeaceae: *Actinostachys pennula* (Sw.) Hook.
3279. Humiriaceae: *Humiria* sp.
3280. Hymenophyllaceae: *Hymenophyllum* sp.
3281. Rubiaceae: *Retiniphyllum schomburgkii* (Benth.) Müll. Arg.
3282. Clusiaceae: *Clusia renggerioides* Planch. & Triana
3283. Myrtaceae: *Eugenia biflora* (L.) DC.
3284. Rubiaceae: *Palicourea croceoides* Desv. ex Ham.
3285. Cyperaceae: *Calyptrocarya bicolor* (H. Pfeiff.) T. Koyama
3286. Selaginellaceae: *Selaginella parkeri* (Hook. & Grev.) Spring
3287. Vittariaceae: *Antrophyum guayanense* Hieron.
3288. Chrysobalanaceae: *Parinari excelsa* Sabine
3289. Passifloraceae: *Passiflora costata* Mast.
3290. Lauraceae: *Licaria armeniaca* (Nees) Kosterm.
3291. Sapindaceae: *Paullinia dasygonia* Radlk.
3292. Fabaceae: *Inga nobilis* Willd.
3293. Fabaceae: *Machaerium ferox* (Mart. ex Benth.) Ducke
3294. Connaraceae: *Rourea* sp.
3295. Compositae: *Lepidaploa gracilis* (Kunth) H. Rob.
3296. Orchidaceae: *Maxillaria pterocarpa* Barb. Rodr.
3297. Clusiaceae: *Clusia nemorosa* G. Mey.
3298. Clusiaceae: *Clusia schomburgkiana* (Planch. & Triana) Benth. ex Engl.
3299. Pentaphylacaceae: *Ternstroemia* sp.
3300. Cyperaceae: *Calyptrocarya glomerulata* (Brongn.) Urb.
3301. Cyperaceae: *Diplasia karatifolia* Rich. ex Pers.
3302. Arecaceae: *Geonoma macrostachys* var. *poiteauana* (Kunth) A. J. Hend.
3303. Hymenophyllaceae: *Trichomanes crispum* L.
3304. Polypodiaceae: *Microgramma baldwinii* Brade
3305. Lomariopsidaceae: *Elaphoglossum plumosum* (Fée) T. Moore
3306. Boraginaceae: *Cordia nodosa* Lam.
3307. Melastomataceae: *Miconia alborufescens* Naudin
3308. Rubiaceae: *Perama dichotoma* Poepp.
3309. Eriocaulaceae: *Syngonanthus albopulvinatus* (Moldenke) Moldenke
3310. Xyridaceae: *Xyris uleana* var. *uleana* Malme
3311. Orchidaceae: *Encyclia chloroleuca* (Hook.) Neumann
3312. Orchidaceae: *Octomeria complanata* C. Schweinf.
3313. Lichen: Indet. sp.
3314. Lichen: Indet. sp.
3315. Lichen: Indet. sp.
3316. Cladoniaceae: *Cladonia peltastica* (Nyl.) Müll. Arg.
3317. Cladoniaceae: *Cladina* sp.
3318. Lichen: Indet. sp.
3319. Lichen: Indet. sp.
3320. Indet.: Indet. sp.
3321. Indet.: Indet. sp.
3322. Indet.: Indet. sp.
3323. Annonaceae: *Duguetia calycina* Benoist
3324. Fabaceae: *Parkia ulei*
3325. Fabaceae: *Dialium guianense* (Aubl.) Sandwith
3326. Orchidaceae: *Epidendrum rigidum* Jacq.
3327. Hippocrateaceae: Indet. sp.
3328. Orchidaceae: *Pleurothallis* sp.
3329. Orchidaceae: *Polystachya foliosa* (Hook.) Rchb. f.
3330. Orchidaceae: *Hexisea imbricata* (Lindl.) Rchb. f.
3331. Malpighiaceae: *Stigmaphyllon sinuatum* (DC.) A. Juss.
3332. Convolvulaceae: *Calycobolus glaber* (Kunth) House
3333. Fabaceae: *Rhynchosia phaseoloides* (Sw.) DC.
3334. Xylariaceae: *Hypoxylon* sp.
3335. Moraceae: *Ficus paraensis* (Miq.) Miq.
3336. Fabaceae: *Swartzia brachyrachis* var. *glabrata* R. S. Cowan
3337. Sapindaceae: *Matayba macrostylis* Radlk.
3338. Bignoniaceae: *Paragonia pyramidata* (Rich.) Bureau
3339. Loganiaceae: *Strychnos peckii* B. L. Rob.
3340. Combretaceae: *Buchenavia* sp.
3341. Melastomataceae: *Clidemia strigillosa* (Sw.) DC.
3342. Hippocrateaceae: Indet. sp.
3343. Cyperaceae: *Cyperus miliifolius* Poepp. & Kunth
3344. Myrsinaceae: *Stylogyne orinocensis* (Kunth) Mez
3345. Adiantaceae: *Adiantum latifolium* Lam.
3346. Melastomataceae: *Miconia chrysophylla* (Rich.) Urb.
3347. Fabaceae: *Deguelia amazonica* Killip
3348. Malpighiaceae: *Hiraea faginea* (Sw.) Nied.

3349. Loranthaceae: *Phthirusa* sp.
3350. Polygalaceae: *Securidaca divaricata* Nees & Mart.
3351. Chrysobalanaceae: *Licania apetala* var. *apetala* (E. Mey.) Fritsch
3352. Rubiaceae: *Psychotria hoffmannseggiana* (Willd. ex Roem. & Schult.) Müll. Arg.
3353. Combretaceae: *Buchenavia parvifolia* Ducke
3354. Melastomataceae: *Tococa subciliata* (DC.) Triana
3355. Myrtaceae: *Psidium striatulum* DC.
3356. Euphorbiaceae: *Mabea taquari* Aubl.
3357. Lecythidaceae: *Bertholletia excelsa* Bonpl.
3358. Apocynaceae: *Mandevilla hirsuta* (Rich.) K. Schum.
3359. Malvaceae: *Peltaea trinervis* (C. Presl) Krapov. & Cristóbal
3360. Fabaceae: *Senna multijuga* (Rich.) H. S. Irwin & Barneby
3361. Sterculiaceae: *Waltheria indica* L.
3362. Fabaceae: *Senna obtusifolia* (L.) H. S. Irwin & Barneby
3363. Fabaceae: *Senna occidentalis* (L.) Link
3364. Fabaceae: *Ormosia* sp.
3365. Pedaliaceae: *Sesamum radiatum* Schum. & Thonn.
3366. Chrysobalanaceae: *Hirtella racemosa* var. *hexandra* (Willd. ex Roem. & Schult.) Prance
3367. Heliconiaceae: *Heliconia hirsuta* L. f.
3368. Clusiaceae: *Vismia cayennensis* (Jacq.) Pers.
3369. Sterculiaceae: *Helicteres guazumifolia* Kunth
3370. Annonaceae: *Xylopia aromatica* (Lam.) Mart.
3371. Malvaceae: *Triumfetta rhomboidea* Jacq.
3372. Gentianaceae: *Schultesia brachyptera* Cham.
3373. Convolvulaceae: *Ipomoea* sp.
3374. Apocynaceae: Indet. sp.
3375. Fabaceae: *Senna undulata* (Benth.) H. S. Irwin & Barneby
3376. Fabaceae: *Indigofera suffruticosa* Mill.
3377. Convolvulaceae: *Jacquemontia* sp.
3378. Rubiaceae: *Isertia parviflora* Vahl
3379. Apiaceae: *Eryngium foetidum* L.
3380. Solanaceae: *Cestrum latifolium* Lam.
3381. Flacourtiaceae: *Casearia ulmifolia* Vahl ex Vent.
3382. Rubiaceae: *Faramea crassifolia* Benth.
3383. Moraceae: *Ficus mathewsii* (Miq.) Miq.
3384. Polygonaceae: *Coccoloba* sp.
3385. Connaraceae: *Rourea revoluta* Planch.
3386. Dilleniaceae: *Doliocarpus dentatus* ssp. *dentatus* (Aubl.) Standl.
3387. Rubiaceae: *Rosenbergiodendron densiflorum* (K. Schum.) Fagerl.
3388. Erythroxylaceae: *Erythroxylum* sp.
3389. Euphorbiaceae: *Alchornea discolor* Poepp.
3390. Rubiaceae: *Genipa americana* L.
3391. Rubiaceae: *Genipa spruceana* Steyerm.
3392. Passifloraceae: *Passiflora* sp.
3393. Gentianaceae: *Coutoubea ramosa* Aubl.
3394. Euphorbiaceae: *Jatropha gossypiifolia* L.
3395. Myristicaceae: *Virola surinamensis* (Rol.) Warb.
3396. Cyperaceae: *Cyperus haspan* L.
3397. Malvaceae: *Peltaea riedelii* (Gürke) Standl.
3398. Fabaceae: *Clitoria* sp.
3399. Combretaceae: *Combretum laxum* Jacq.
3400. Passifloraceae: *Passiflora costata* Mast.
3401. Fabaceae: *Zornia latifolia* Sm.
3402. Onagraceae: *Ludwigia rigida* (Miq.) Sandwith
3403. Poaceae: *Pennisetum polystachion* (L.) Schult.
3404. Connaraceae: *Connarus coriaceus* G. Schellenb.
3404a. Fabaceae: Indet. sp.
3405. Fabaceae: *Cassia moschata* Kunth
3406. Sapindaceae: Indet. sp.
3407. Passifloraceae: *Passiflora pedata* L.
3408. Fabaceae: *Canavalia grandiflora* Benth.
3409. Phytolaccaceae: *Phytolacca rivinoides* Kunth & C. D. Bouché
3409a. Rubiaceae: *Psychotria racemosa* Rich.
3410. Simaroubaceae: *Simarouba amara* Aubl.
3411. Polygalaceae: *Barnhartia floribunda* Gleason
3412. Fabaceae: *Tachigali guianensis* (Benth.) Zarucchi & Herend.
3413. Malpighiaceae: *Stigmaphyllon sinuatum* (DC.) A. Juss.
3414. Polygalaceae: *Securidaca pubescens* DC.
3415. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
3416. Solanaceae: *Nicotiana tabacum* L.
3417. Fabaceae: *Abrus precatorius* L.
3418. Solanaceae: *Solanum uncinellum* Lindl.
3418b. Solanaceae: *Solanum pensile* Sendtn.
3419. Rubiaceae: *Psychotria racemosa* Rich.
3420. Compositae: *Mikania psilostachya* DC.
3421. Sapotaceae: *Chrysophyllum argenteum* ssp. *auratum* (Miq.) T. D. Penn.
3422. Clusiaceae: *Clusia minor* L.
3423. Sapindaceae: *Cupania rubiginosa* (Poir.) Radlk.
3424. Meliaceae: *Trichilia surumuensis* C. DC.
3425. Schizaeaceae: *Lygodium venustum* Sw.
3426. Rhamnaceae: *Gouania* sp.
3427. Hypoxidaceae: *Xiphidium caeruleum* Aubl.
3428. Araceae: *Philodendron acutatum* Schott
3429. Orchidaceae: *Catasetum* sp.
3430. Lauraceae: *Endlicheria reflectens* (Nees) Mez
3431. Bignoniaceae: *Jacaranda obtusifolia* ssp. *rhombifolia* (G. Mey.) A. H. Gentry
3432. Bixaceae: *Cochlospermum vitifolium* (Willd.) Spreng.
3433. Boraginaceae: *Cordia alliodora* (Ruiz & Pav.) Oken
3434. Lamiaceae: Indet. sp.
3435. Orchidaceae: *Trigonidium acuminatum* Bateman ex Lindl.
3436. Fabaceae: *Desmodium sclerophyllum* Benth.
3437. Orchidaceae: *Encyclia vespa* (Vell.) Dressler
3438. Burseraceae: *Trattinnickia rhoifolia* Willd.
3439. Verbenaceae: *Lippia origanoides* Kunth

3440. Malpighiaceae: *Byrsonima schomburgkiana* Benth.
3441. Proteaceae: *Roupala montana* Aubl.
3442. Orchidaceae: *Vanilla* sp.
3443. Rubiaceae: *Perama galioides*
3444. Indet.: Indet. sp.
3445. Passifloraceae: *Passiflora balbis* Feuillet
3446. Compositae: *Calea caleoides* (DC.) H. Rob.
3447. Orchidaceae: *Lockhartia biserra* (Rich.) Christenson & Garay
3448. Scrophulariaceae: *Anisantherina hispidula* (Mart.) Pennell
3449. Melastomataceae: *Acisanthera limnobios* (DC.) Triana
3450. Melastomataceae: *Acisanthera crassipes* (Naudin) Wurdack
3451. Sterculiaceae: *Byttneria genistella* Triana & Planch.
3452. Euphorbiaceae: *Cnidoscolus urens* (L.) Arthur
3453. Scrophulariaceae: *Bacopa salzmannii* (Benth.) Wettst. ex Edwall
3454. Podostemaceae: *Apinagia longifolia* (Tul.) P. Royen
3455. Fabaceae: *Bauhinia ungulata* L.
3456. Gentianaceae: *Irlbachia caerulescens* (Aubl.) Griseb.
3457. Orchidaceae: *Brassia* sp.
3458. Orchidaceae: *Aspasia variegata* Lindl.
3459. Clusiaceae: *Clusia aishaltonensis* Pipoly
3460. Orchidaceae: *Epidendrum anceps* Jacq.
3461. Orchidaceae: *Polystachya foliosa* (Hook.) Rchb. f.
3462. Orchidaceae: *Epidendrum anceps* Jacq.
3463. Combretaceae: *Combretum laurifolium* Mart.
3464. Malvaceae: *Peltaea riedelii* (Gürke) Standl.
3465. Asclepiadaceae: *Blepharodon nitidus* (Vell.) J. F. Macbr.
3466. Scrophulariaceae: *Scoparia dulcis* L.
3467. Chenopodiaceae: *Chenopodium ambrosioides* L.
3468. Malvaceae: *Pavonia cancellata* (L.) Cav.
3469. Lamiaceae: *Marsypianthes chamaedrys* (Vahl) Kuntze
3470. Fabaceae: Indet. sp.
3471a. Melastomataceae: *Miconia stenostachya* DC.
3471b. Oxalidaceae: *Oxalis juruensis* Diels
3472. Solanaceae: *Physalis angulata* L.
3473. Melastomataceae: *Miconia ibaguensis* (Bonpl.) Triana
3474. Fabaceae: *Tachigali guianensis* (Benth.) Zarucchi & Herend.
3475. Orchidaceae: *Cyrtopodium* sp.
3476. Rubiaceae: *Palicourea rigida* Kunth
3477. Lamiaceae: *Vitex capitata* Vahl
3478. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
3479. Myrtaceae: *Psidium salutare* (Kunth) O. Berg
3480. Malpighiaceae: *Stigmaphyllon sinuatum* (DC.) A. Juss.
3481. Rubiaceae: *Ixora ulei* K. Krause
3482. Marantaceae: *Ischnosiphon arouma* (Aubl.) Körn.
3483. Melastomataceae: *Bellucia grossularioides* (L.) Triana
3484. Symplocaceae: *Symplocos* sp.
3485. Clusiaceae: *Vismia glaziovii* Ruhland
3486. Verbenaceae: *Lantana camara* L.
3487. Polygalaceae: *Bredemeyera floribunda* Willd.
3488. Passifloraceae: *Passiflora balbis* Feuillet
3489. Fabaceae: *Calopogonium* sp.
3490. Convolvulaceae: *Merremia umbellata* (L.) Hallier f.
3491. Sterculiaceae: *Melochia ulmifolia* Benth.
3492. Rubiaceae: *Psychotria horizontalis* Sw.
3493. Fabaceae: *Anadenanthera peregrina* (L.) Speg.
3494. Polygalaceae: Indet. sp.
3495. Fabaceae: *Senna* sp.
3496. Fabaceae: *Senna multijuga* (Rich.) H. S. Irwin & Barneby
3497. Fabaceae: *Calopogonium caeruleum* (Benth.) C. Wright
3498. Fabaceae: *Inga cayennensis* Sagot ex Benth.
3499. Meliaceae: *Trichilia pallida* Sw.
3500. Araceae: *Syngonium podophyllum* Schott
3501. Fabaceae: *Clitoria brachycalyx* Harms
3502. Fabaceae: *Bowdichia virgilioides* Kunth
3503. Melastomataceae: *Clidemia hirta* var. *elegans* (Aubl.) Griseb.
3503a. Melastomataceae: *Miconia rufescens* (Aubl.) DC.
3504. Clusiaceae: *Vismia cayennensis* (Jacq.) Pers.
3505. Loranthaceae: *Oryctanthus florulentus* (Rich.) Tiegh.
3506. Loranthaceae: Indet. sp.
3507. Acanthaceae: *Mendoncia bivalvis* (L. f.) Merr.
3508. Marantaceae: *Calathea elliptica* (Roscoe) K. Schum.
3509. Araceae: *Anthurium pentaphyllum* (Aubl.) G. Don
3510. Orchidaceae: *Vanilla* sp.
3511. Malpighiaceae: *Tetrapterys discolor* (G. Mey.) DC.
3512. Alismataceae: *Echinodorus subalatus* (Mart.) Griseb.
3513. Hydrophyllaceae: *Hydrolea spinosa* L.
3514. Onagraceae: *Ludwigia* sp.
3515. Orchidaceae: *Aspasia variegata* Lindl.
3516. Malvaceae: *Peltaea speciosa* (Kunth) Standl.
3517. Apocynaceae: Indet. sp.
3518. Rubiaceae: *Psychotria bracteocardia* (DC.) Müll. Arg.
3519. Cecropiaceae: *Cecropia latiloba* Miq.
3520. Solanaceae: *Capsicum annuum* var. *glabriusculum* (Dunal) Heiser & Pickersgill
3521. Solanaceae: *Solanum subinerme* Jacq.
3522. Commelinaceae: *Commelina erecta* L.
3523. Myrtaceae: *Calyptranthes fasciculata* O. Berg
3524. Polygonaceae: *Triplaris* sp.
3525. Chrysobalanaceae: *Exellodendron barbatum* (Ducke) Prance
3526. Lauraceae: *Ocotea glomerata* (Nees) Mez
3527. Burseraceae: *Tetragastris panamensis* (Engl.) Kuntze
3528. Lecythidaceae: Indet. sp.
3529. Euphorbiaceae: *Drypetes variabilis* Uittien
3530. Convolvulaceae: *Merremia macrocalyx* (Ruiz & Pav.) O'Donell
3531. Fabaceae: *Cassia moschata* Kunth
3532. Tiliaceae: *Apeiba schomburgkii* Szyszyl.
3533. Rubiaceae: *Uncaria guianensis* (Aubl.) J. F. Gmel.
3534. Fabaceae: *Bauhinia rubiginosa* Bong.

3535. Fabaceae: *Senna bacillaris* var. *bacillaris* (L. f.) H. S. Irwin & Barneby
3536. Celastraceae: *Goupia glabra* Aubl.
3537. Orchidaceae: *Pleurothallis picta* Lindl.
3538. Lamiaceae: *Vitex capitata* Vahl
3539. Turneraceae: *Turnera caerulea* var. *caerulea* Moc. & Sessé ex DC.
3540. Acanthaceae: *Ruellia geminiflora* var. *angustifolia* (Nees) Griseb.
3541. Fabaceae: *Clitoria guianensis* (Aubl.) Benth.
3542. Malvaceae: *Peltaea speciosa* (Kunth) Standl.
3543. Boraginaceae: *Cordia curassavica* (Jacq.) Roem. & Schult.
3544. Euphorbiaceae: *Margaritaria nobilis* L. f.
3545. Rubiaceae: *Morinda brachycalyx* (Bremek.) Steyerm.
3546. Erythroxylaceae: *Erythroxylum vernicosum* O. E. Schulz
3547. Orchidaceae: *Cattleya violacea* (Kunth) Rolfe
3548. Bignoniaceae: *Tabebuia insignis* var. *monophylla* Sandwith
3549. Fabaceae: *Canavalia* sp.
3550. Gentianaceae: *Irlbachia caerulescens* (Aubl.) Griseb.
3551. Gentianaceae: *Chelonanthus viridiflorus* (Mart.) Gilg
3552. Burmanniaceae: *Burmannia bicolor* Mart.
3553. Melastomataceae: *Desmoscelis villosa* (Aubl.) Naudin
3554. Fabaceae: *Chamaecrista desvauxii* var. *mollissima* (Benth.) H. S. Irwin & Barneby
3555. Scrophulariaceae: *Anisantherina hispidula* (Mart.) Pennell
3556. Scrophulariaceae: *Buchnera palustris* (Aubl.) Spreng.
3557. Ochnaceae: *Sauvagesia rubiginosa* A. St.-Hil.
3558. Bignoniaceae: *Arrabidaea pubescens* (L.) A. H. Gentry
3559. Fabaceae: *Senna latifolia* (G. Mey.) H. S. Irwin & Barneby
3560. Euphorbiaceae: *Sapium glandulosum* (L.) Morong
3561. Fabaceae: *Eriosema violaceum* (Aubl.) G. Don
3562. Anacardiaceae: *Cyrtocarpa velutinifolia* (R. S. Cowan) J. D. Mitch. & Daly
3563. Melastomataceae: *Rhynchanthera hispida* Naudin
3564. Gentianaceae: *Voyria caerulea* Aubl.
3565. Indet.: Indet. sp.
3566. Fabaceae: *Elizabetha coccinea* var. *coccinea* Schomb. ex Benth.
3567. Annonaceae: *Xylopia frutescens* var. *frutescens* Aubl.
3568. Commelinaceae: *Commelina rufipes* var. *glabrata* (D. R. Hunt) Faden & D. R. Hunt
3569. Lamiaceae: *Aegiphila integrifolia* (Jacq.) B. D. Jacks.
3570. Orchidaceae: *Encyclia conchaechila* (Barb. Rodr.) Porto & Brade
3571. Orchidaceae: *Cyrtopodium* sp.
3572. Apocynaceae: *Secondatia densiflora* A. DC.
3573. Moraceae: *Ficus amazonica* (Miq.) Miq.
3574. Fabaceae: *Tachigali guianensis* (Benth.) Zarucchi & Herend.
3575. Araliaceae: *Schefflera morototoni* (Aubl.) Maguire et al.
3576. Rubiaceae: *Rudgea crassiloba* (Benth.) B. L. Rob.
3577. Fabaceae: *Bauhinia glabra* Jacq.
3578. Solanaceae: *Solanum leucocarpon* Dunal
3579. Sapotaceae: Indet. sp.
3580. Fabaceae: *Entada polyphylla* Benth.
3581. Lecythidaceae: *Lecythis chartacea* O. Berg
3582. Convolvulaceae: *Operculina sericantha* (Miq.) Ooststr.
3583. Opiliaceae: *Agonandra brasiliensis* Miers ex Benth. & Hook. f.
3584. Myristicaceae: *Iryanthera juruensis* Warb.
3585. Myristicaceae: *Virola calophylla* (Spruce) Warb.
3586. Melastomataceae: *Henriettea ramiflora* (Sw.) DC.
3587. Malvaceae: *Pavonia castaneifolia* A. St.-Hil. & Naudin
3588. Melastomataceae: *Aciotis* sp.
3589. Melastomataceae: *Clidemia octona* ssp. *guayanensis* Wurdack
3590. Monimiaceae: *Siparuna guianensis* Aubl.
3591. Solanaceae: *Solanum stramoniifolium* Jacq.
3592. Elaeocarpaceae: *Sloanea* sp.
3593. Melastomataceae: *Myriaspora egensis* DC.
3594. Flacourtiaceae: *Casearia pitumba* Sleumer
3595. Meliaceae: *Trichilia surinamensis* (Miq.) C. DC.
3596. Violaceae: *Leonia glycycarpa* var. *glycycarpa* Ruiz & Pav.
3597. Fabaceae: *Zygia ampla* (Benth.) Pittier
3598. Annonaceae: *Fusaea longifolia* (Aubl.) Saff.
3599. Chrysobalanaceae: *Parinari campestris* Aubl.
3600. Indet.: Indet. sp.
3601. Gesneriaceae: *Drymonia coccinea* (Aubl.) Wiehler
3602. Solanaceae: *Solanum leucocarpon* Dunal
3603. Myrtaceae: *Campomanesia grandiflora* (Aubl.) Sagot
3604. Lecythidaceae: *Gustavia augusta* L.
3605. Convolvulaceae: *Ipomoea* sp.
3606. Rubiaceae: *Psychotria astrellantha* Wernham
3607. Lecythidaceae: *Eschweilera pedicellata* (Rich.) S. A. Mori
3608. Bignoniaceae: *Adenocalymna inundatum* var. *surinamense* Bureau & K. Schum.
3609. Fabaceae: *Mucuna* sp.
3610. Combretaceae: *Terminalia dichotoma* G. May.
3611. Arecaceae: Indet. sp.
3612. Celastraceae: *Maytenus* sp.
3613. Myrtaceae: Indet. sp.
3614. Araceae: *Anthurium gracile* (Rudge) Schott
3615. Indet.: Indet. sp.
3616. Fabaceae: *Dioclea violacea* Mart. ex Benth.
3617. Verbenaceae: *Petrea macrostachya* Benth.
3618. Cucurbitaceae: *Gurania sinuata* (Benth.) Cogn.
3619. Arecaceae: *Bactris elegans* Barb. Rodr. & Trail ex Barb. Rodr.
3620. Apocynaceae: *Himatanthus drasticus* (Mart.) Plumel
3621. Fabaceae: *Cassia moschata* Kunth
3622. Fabaceae: *Machaerium quinatum* (Aubl.) Sandwith
3623. Fabaceae: *Platymiscium* sp.
3624. Connaraceae: *Connarus coriaceus* G. Schellenb.

3625. Convolvulaceae: *Jacquemontia* sp.
3626. Convolvulaceae: *Merremia macrocalyx* (Ruiz & Pav.) O'Donell
3627. Fabaceae: *Centrosema brasilianum* (L.) Benth.
3628. Asclepiadaceae: *Blepharodon* sp.
3629. Convolvulaceae: Indet. sp.
3630. Convolvulaceae: *Merremia cissoides* (Lam.) Hallier f.
3631. Malvaceae: *Peltaea trinervis* (C. Presl) Krapov. & Cristóbal
3632. Malvaceae: *Peltaea riedelii* (Gürke) Standl.
3633. Melastomataceae: *Pterolepis glomerata* (Rottb.) Miq.
3634. Melastomataceae: *Acisanthera uniflora* (Vahl) Gleason
3634a. Apocynaceae: *Mandevilla scabra* (Hoffmanns. ex Roem. & Schult.) K. Schum.
3635. Indet.: Indet. sp.
3636. Sterculiaceae: *Melochia spicata* (L.) Fryxell
3637. Xyridaceae: *Xyris jupicai* Rich.
3638. Bignoniaceae: *Jacaranda obtusifolia* ssp. *rhombifolia* (G. Mey.) A. H. Gentry
3639. Orchidaceae: *Caularthron bicornutum* (Hook.) Raf.
3640. Orchidaceae: *Lockhartia biserra* (Rich.) Christenson & Garay
3641. Fabaceae: *Peltogyne paniculata* ssp. *pubescens* (Benth.) M. F. Silva
3642. Bignoniaceae: *Tabebuia serratifolia* (Vahl) G. Nicholson
3643. Fabaceae: *Andira surinamensis* (Bondt) Splitg. ex Amshoff
3644. Fabaceae: *Bauhinia ungulata* L.
3645. Fabaceae: *Dioclea guianensis* Benth.
3646. Indet.: Indet. sp.
3647. Chrysobalanaceae: *Hirtella ciliata* Mart. & Zucc.
3648. Menispermaceae: *Cissampelos ovalifolia* DC.
3649. Melastomataceae: *Miconia rubiginosa* (Bonpl.) DC.
3650. Fabaceae: *Anadenanthera peregrina* (L.) Speg.
3651. Malpighiaceae: *Byrsonima spicata* (Cav.) DC.
3652. Fabaceae: *Crotalaria pilosa* Mill.
3653. Xyridaceae: *Abolboda pulchella* Bonpl.
3654. Polygalaceae: *Polygala sanariapoana* Steyerm.
3655. Rubiaceae: *Borreria capitata* (Ruiz & Pav.) DC.
3656. Lecythidaceae: *Gustavia augusta* L.
3657. Combretaceae: *Combretum fruticosum* (Loefl.) Stuntz
3658. Rubiaceae: *Duroia eriopila* L. f.
3659. Chrysobalanaceae: Indet. sp.
3660. Turneraceae: Indet. sp.
3661. Fabaceae: *Chamaecrista hispidula* (Vahl) H. S. Irwin & Barneby
3662. Fabaceae: *Elizabetha coccinea* var. *coccinea* Schomb. ex Benth.
3663. Fabaceae: *Peltogyne* sp.
3664. Connaraceae: *Connarus rigidus* Forero
3665. Celastraceae: *Maytenus* sp.
3666. Vochysiaceae: Indet. sp.
3667. Connaraceae: *Connarus coriaceus* G. Schellenb.
3668. Chrysobalanaceae: *Licania apetala* var. *apetala* (E. Mey.) Fritsch
3669. Fabaceae: *Hymenaea courbaril* L.
3670. Lamiaceae: *Amasonia campestris* (Aubl.) Moldenke
3671. Scrophulariaceae: *Buchnera rosea* Kunth
3672. Lythraceae: *Cuphea antisyphilitica* Kunth
3673. Fabaceae: *Chamaecrista flexuosa* (L.) Greene
3674. Malvaceae: *Peltaea riedelii* (Gürke) Standl.
3675. Fabaceae: *Vigna vexillata* (L.) A. Rich.
3676. Gentianaceae: *Coutoubea spicata* Aubl.
3677. Melastomataceae: *Tibouchina fraterna* N. E. Br.
3678. Loranthaceae: *Phthirusa stelis* (L.) Kuijt
3679. Connaraceae: *Rourea grosourdyana* Baill.
3680. Crassulaceae: *Kalanchoe pinnata* (Lam.) Pers.
3681. Polygalaceae: *Securidaca warmingiana* Chodat
3682. Malpighiaceae: *Byrsonima verbascifolia* (L.) DC.
3683. Cyperaceae: *Cyperus luzulae* (L.) Rottb. ex Retz.
3684. Cyperaceae: *Rhynchospora reptans* (Rich.) Boeckeler
3685. Chrysobalanaceae: *Hirtella paniculata* Sw.
3686. Fabaceae: *Senna undulata* (Benth.) H. S. Irwin & Barneby
3687. Clusiaceae: *Vismia cayennensis* (Jacq.) Pers.
3688. Rubiaceae: *Sabicea parva* var. *brachycalyx* Wernham
3689. Rubiaceae: *Faramea crassifolia* Benth.
3690. Orchidaceae: *Galeandra stylomisantha* (Vell.) Hoehne
3691. Lauraceae: *Cassytha filiformis* L.
3692. Verbenaceae: *Stachytarpheta angustifolia* (Mill.) Vahl
3693. Malvaceae: *Pavonia angustifolia* Benth.
3694. Compositae: *Wulffia baccata* (L. f.) Kuntze
3695. Malvaceae: *Urena lobata* L.
3696. Chrysobalanaceae: *Couepia multiflora* Benth.
3697. Bignoniaceae: *Pleonotoma clematis* (Kunth) Miers
3698. Bignoniaceae: *Jacaranda obtusifolia* Bonpl.
3699. Malpighiaceae: *Hiraea faginea* (Sw.) Nied.
3700. Fabaceae: *Swartzia latifolia* var. *sylvestris* R. S. Cowan
3701. Fabaceae: *Calliandra stipulacea* Benth.
3702. Dilleniaceae: *Davilla kunthii* A. St.-Hil.
3703. Combretaceae: *Combretum laurifolium* Mart.
3704. Orchidaceae: *Epidendrum ibaguense* Lindl.
3705. Orchidaceae: *Brassavola martiana* Lindl.
3706. Orchidaceae: *Caularthron bicornutum* (Hook.) Raf.
3707. Fabaceae: *Desmodium sclerophyllum* Benth.
3708. Passifloraceae: *Mitostemma glaziovii* Mast.
3709. Orchidaceae: *Epidendrum rigidum* Jacq.
3710. Orchidaceae: *Epidendrum ibaguense* Lindl.
3711. Orchidaceae: *Aspasia variegata* Lindl.
3712. Orchidaceae: *Brassavola martiana* Lindl.
3713. Lauraceae: *Endlicheria reflectens* (Nees) Mez
3714. Orchidaceae: *Rodriguezia lanceolata* Ruiz & Pav.
3715. Orchidaceae: *Encyclia pilosa* (C. Schweinf.) Carnevali & I. Ramírez
3716. Gentianaceae: *Coutoubea ramosa* var. *ramosa* Aubl.
3717. Menispermaceae: *Cissampelos* sp.

3718. Rubiaceae: *Mitracarpus frigidus* var. *fruticosus* (Standl.) Steyerm.
3719. Malvaceae: *Pavonia cancellata* (L.) Cav.
3720. Apocynaceae: *Bonafousia siphilitica* (L. f.) L. Allorge
3721. Fabaceae: *Zygia cataractae* (Kunth) L. Rico
3722. Solanaceae: *Solanum stramoniifolium* Jacq.
3723. Acanthaceae: *Trichanthera gigantea* (Bonpl.) Nees
3724. Phytolaccaceae: *Seguieria macrophylla* Benth.
3725. Passifloraceae: *Passiflora balbis* Feuillet
3726. Bignoniaceae: *Anemopaegma parkeri* Sprague
3727. Asclepiadaceae: *Matelea lourteigiae* Morillo
3728. Lecythidaceae: *Gustavia augusta* L.
3729. Loranthaceae: *Psittacanthus cordatus* (Hoffmanns.) Blume
3730. Combretaceae: *Combretum rotundifolium* Rich.
3731. Orchidaceae: *Cattleya violacea* (Kunth) Rolfe
3732. Fabaceae: *Dioclea guianensis* Benth.
3733. Compositae: *Ayapana amygdalina* (Lam.) R. M. King & H. Rob.
3734. Fabaceae: *Indigofera lespedezioides* Kunth
3735. Fabaceae: *Crotalaria sagittalis* L.
3736. Rubiaceae: *Isertia parviflora* Vahl
3737. Cyperaceae: *Rhynchospora hassleri* C. B. Clarke
3738. Fabaceae: *Swartzia microstylis* Benth.
3739. Orchidaceae: *Cyrtopodium parviflorum* Lindl.
3740. Amaryllidaceae: *Hypoxis decumbens* L.
3741. Orchidaceae: *Galeandra stylomisantha* (Vell.) Hoehne
3742. Fabaceae: *Vigna* sp.
3743. Polygonaceae: *Coccoloba* sp.
3744. Malpighiaceae: *Mascagnia sepium* (A. Juss.) Griseb.
3745. Rubiaceae: *Randia hebecarpa* Benth.
3746. Bromeliaceae: *Bromelia goeldiana* L. B. Sm.
3747. Smilacaceae: *Smilax schomburgkiana* Kunth
3748. Euphorbiaceae: *Acalypha* sp.
3749. Piperaceae: *Piper dilatatum* Rich.
3750. Rutaceae: *Ertela trifolia* (L.) Kuntze
3751. Lacistemataceae: *Lacistema aggregatum* (P. J. Bergius) Rusby
3752. Lamiaceae: *Vitex capitata* Vahl
3753. Cyperaceae: *Rhynchospora comata* (Link) Roem. & Schult.
3754. Orchidaceae: *Cyrtopodium* sp.
3755. Melastomataceae: *Miconia rubiginosa* (Bonpl.) DC.
3756. Zingiberaceae: *Renealmia aromatica* (Aubl.) Griseb.
3756a. Fabaceae: Indet. sp.
3757. Theophrastaceae: *Clavija macrophylla* (Link ex Roem. & Schult.) Miq.
3758. Malpighiaceae: *Stigmaphyllon sinuatum* (DC.) A. Juss.
3759. Symplocaceae: *Symplocos ulei* Brand
3760. Hypoxidaceae: *Xiphidium caeruleum* Aubl.
3761. Euphorbiaceae: *Margaritaria nobilis* L. f.
3762. Polygonaceae: *Coccoloba* sp.
3763. Polypodiaceae: *Pecluma plumula* (Humb. & Bonpl. ex Willd.) M. G. Price
3764. Thelypteridaceae: *Thelypteris salzmannii* (Fée) C. V. Morton
3765. Costaceae: *Costus arabicus* L.
3766. Heliconiaceae: *Heliconia hirsuta* L. f.
3767. Piperaceae: *Piper hostmannianum* (Miq.) C. DC.
3768. Orchidaceae: *Galeandra stylomisantha* (Vell.) Hoehne
3769. Cyperaceae: *Eleocharis flavescens* (Poir.) Urb.
3770. Poaceae: *Sacciolepis myuros* (Lam.) Chase
3771. Poaceae: *Oryza latifolia* Desv.
3772. Myrtaceae: *Eugenia punicifolia* (H.B.K.) DC.
3773. Sapindaceae: *Cupania rubiginosa* (Poir.) Radlk.
3774. Melastomataceae: *Henriettea patrisiana* DC.
3775. Melastomataceae: *Miconia stenostachya* DC.
3776. Melastomataceae: *Clidemia novemnervia* (DC.) Triana
3777. Orchidaceae: *Encyclia conchaechila* (Barb. Rodr.) Porto & Brade
3778. Cactaceae: *Hylocereus scandens* (Salm-Dyck) Backeb.
3779. Bromeliaceae: *Tillandsia flexuosa* Sw.
3780. Fabaceae: *Hymenolobium petraeum* Ducke
3781. Opiliaceae: *Agonandra brasiliensis* Miers ex Benth. & Hook. f.
3782. Connaraceae: *Connarus coriaceus* G. Schellenb.
3783. Clusiaceae: *Clusia nemorosa* G. Mey.
3784. Myristicaceae: *Virola surinamensis* (Rol.) Warb.
3785. Cyperaceae: *Becquerelia cymosa* ssp. *merkeliana* (Nees) T. Koyama
3786. Araceae: *Caladium bicolor* (Aiton) Vent.
3787. Myristicaceae: *Virola calophylla* (Spruce) Warb.
3788. Polygonaceae: *Coccoloba lucidula* Benth.
3789. Dilleniaceae: *Doliocarpus spraguei* Cheesman
3790. Apocynaceae: *Secondatia densiflora* A. DC.
3791. Rubiaceae: *Ixora panurensis* Müll. Arg.
3792. Rubiaceae: *Faramea crassifolia* Benth.
3793. Araceae: *Monstera adansonii* Schott
3794. Lecythidaceae: *Gustavia* sp.
3795. Lecythidaceae: *Eschweilera* sp.
3796. Hippocrateaceae: *Cheiloclinium cognatum* (Miers) A. C. Sm.
3797. Davalliaceae: *Nephrolepis biserrata* (Sw.) Schott
3798. Polypodiaceae: *Phlebodium decumanum* (Willd.) J. Sm.
3799. Lecythidaceae: *Gustavia augusta* L.
3800. Simaroubaceae: *Picramnia sellowii* ssp. *spruceana* (Engl.) Pirani
3801. Bignoniaceae: *Anemopaegma parkeri* Sprague
3802. Passifloraceae: Indet. sp.
3803. Malpighiaceae: Indet. sp.
3804. Malpighiaceae: *Bunchosia mollis* Benth.
3804a. Flacourtiaceae: *Casearia spinescens* (Sw.) Griseb.
3805. Smilacaceae: *Smilax* sp.
3806. Fabaceae: *Swartzia latifolia* var. *sylvestris* R. S. Cowan
3807. Loranthaceae: *Phthirusa pyrifolia* (Kunth) Eichler
3808. Flacourtiaceae: *Casearia zizyphoides* Kunth
3809. Lacistemataceae: *Lacistema aggregatum* (P. J. Bergius) Rusby

3810. Burseraceae: *Protium* sp.
3811. Euphorbiaceae: *Phyllanthus juglandifolius* Willd.
3812. Rubiaceae: *Randia brevipes* Steyerm.
3813. Annonaceae: *Guatteria* sp.
3814. Arecaceae: *Bactris maraja* Mart.
3815. Sapotaceae: *Chrysophyllum argenteum* ssp. *auratum* (Miq.) T. D. Penn.
3816. Meliaceae: *Trichilia pallida* Sw.
3817. Araceae: *Syngonium podophyllum* Schott
3818. Flacourtiaceae: *Casearia commersoniana* Cambess.
3819. Orchidaceae: *Aspasia variegata* Lindl.
3820. Amaryllidaceae: *Crinum erubescens* Aiton
3821. Moraceae: *Ficus roraimensis* C. C. Berg
3822. Passifloraceae: *Passiflora balbis* Feuillet
3823. Sapindaceae: *Allophylus racemosus* Sw.
3824. Olacaceae: *Chaunochiton kappleri* (Sagot ex Engl.) Ducke
3825. Schizaeaceae: *Lygodium volubile* Sw.
3826. Polypodiaceae: *Polypodium polypodioides* var. *burchellii* (Baker) Weath.
3827. Annonaceae: *Xylopia aromatica* (Lam.) Mart.
3828. Rubiaceae: *Coutarea hexandra* (Jacq.) K. Schum.
3829. Poaceae: *Leptocoryphium lanatum* (Kunth) Nees
3830. Cyperaceae: *Bulbostylis junciformis* (Kunth) C. B. Clarke
3831. Poaceae: *Thrasya trinitensis* Mez
3832. Poaceae: *Trachypogon spicatus* (L. f.) Kuntze
3833. Poaceae: *Paspalum pulchellum* Kunth
3834. Poaceae: *Leptocoryphium lanatum* (Kunth) Nees
3835. Poaceae: *Elionurus muticus* (Spreng.) Kuntze
3836. Poaceae: *Panicum pilosum* Sw.
3837. Turneraceae: *Piriqueta viscosa* ssp. *viscosa* Griseb.
3838. Fabaceae: *Tephrosia cinerea* (L.) Pers.
3839. Poaceae: *Imperata brasiliensis* Trin.
3840. Cyperaceae: *Rhynchospora globosa* ssp. *epiglobosa* (C. B. Clarke) Kük.
3841. Poaceae: *Sorghastrum setosum* (Griseb.) Hitchc.
3842. Poaceae: *Paspalum gardnerianum* Nees
3843. Poaceae: *Eriochrysis cayennensis* P. Beauv.
3844. Poaceae: *Paspalum plicatulum* Michx.
3845. Poaceae: *Sorghastrum setosum* (Griseb.) Hitchc.
3846. Poaceae: *Axonopus pubivaginatus* Henrard
3847. Poaceae: Indet. sp.
3848. Poaceae: *Digitaria violascens* Link
3849. Poaceae: *Andropogon bicornis* L.
3849a. Poaceae: *Andropogon virgatus* Desv. ex Ham.
3850. Poaceae: *Sporobolus jacquemontii* Kunth
3851. Cyperaceae: *Fimbristylis dichotoma* (L.) Vahl
3851b. Cyperaceae: *Rhynchospora velutina* (Kunth) Boeckeler
3852. Apocynaceae: *Mandevilla scabra* (Hoffmanns. ex Roem. & Schult.) K. Schum.
3853. Melastomataceae: *Clidemia sericea* D. Don
3854. Sterculiaceae: *Melochia* sp.
3855. Sterculiaceae: *Byttneria genistella* Triana & Planch.
3856. Convolvulaceae: *Aniseia cernua* Choisy
3857. Fabaceae: *Clitoria falcata* Lam.
3858. Malvaceae: *Pavonia angustifolia* Benth.
3859. Turneraceae: *Turnera guianensis* Aubl.
3860. Orchidaceae: *Habenaria trifida* Kunth
3861. Polygalaceae: *Polygala longicaulis* Kunth
3862. Rubiaceae: *Borreria capitata* (Ruiz & Pav.) DC.
3863. Fabaceae: *Mimosa camporum* Benth.
3864. Fabaceae: *Mimosa pudica* var. *unijuga* (Walp. & Duchass.) Griseb.
3865. Convolvulaceae: Indet. sp.
3866. Iridaceae: Indet. sp.
3867. Turneraceae: *Turnera* sp.
3868. Malvaceae: *Peltaea riedelii* (Gürke) Standl.
3869. Melastomataceae: *Tibouchina aspera* Aubl.
3870. Lamiaceae: *Hyptis hirsuta* Kunth
3871. Hippocrateaceae: *Cheiloclinium cognatum* (Miers) A. C. Sm.
3872. Verbenaceae: *Petrea macrostachya* Benth.
3873. Poaceae: *Olyra ciliatifolia* Raddi
3874. Haemodoraceae: Indet. sp.
3875. Marantaceae: *Calathea propinqua* (Poepp. & Endl.) Körn.
3876. Sapotaceae: Indet. sp.
3877. Poaceae: *Oplismenus hirtellus* (L.) P. Beauv.
3878. Poaceae: *Lasiacis ligulata* Hitchc. & Chase
3879. Poaceae: *Olyra longifolia* Kunth
3880. Annonaceae: *Duguetia macrocalyx* R. E. Fr.
3881. Melastomataceae: *Miconia rufescens* (Aubl.) DC.
3882. Verbenaceae: *Lantana* sp.
3883. Melastomataceae: *Aciotis purpurascens* (Aubl.) Triana
3884. Melastomataceae: *Miconia holosericea* (L.) DC.
3885. Melastomataceae: *Clidemia ostentata* Wurdack
3886. Melastomataceae: *Miconia nervosa* (Sm.) Triana
3887. Melastomataceae: *Leandra solenifera* Cogn.
3888. Melastomataceae: *Myriaspora egensis* DC.
3889. Melastomataceae: *Clidemia octona* (Bonpl.) L. O. Williams
3890. Melastomataceae: *Miconia lateriflora* Cogn.
3891. Melastomataceae: *Clidemia hirta* var. *hirta* (L.) D. Don
3892. Adiantaceae: *Adiantum argutum* Splitg.
3893. Thelypteridaceae: *Thelypteris interrupta* (Willd.) K. Iwats.
3894. Thelypteridaceae: *Thelypteris opulenta* (Kaulf.) Fosberg
3895. Thelypteridaceae: *Thelypteris serrata* (Cav.) Alston
3896. Thelypteridaceae: *Thelypteris pennata* (Poir.) C. V. Morton
3897. Lomariopsidaceae: *Lomariopsis japurensis* (Mart.) J. Sm.
3898. Aspleniaceae: *Asplenium serratum* L.
3899. Polypodiaceae: *Campyloneurum repens* (Aubl.) C. Presl
3900. Bignoniaceae: *Stizophyllum inaequilaterum* Bureau & K. Schum.
3901. Rubiaceae: *Psychotria racemosa* Rich.

3902. Acanthaceae: *Mendoncia bivalvis* (L. f.) Merr.
3903. Boraginaceae: *Cordia* sp.
3904. Sapindaceae: *Paullinia plagioptera* Radlk.
3905. Euphorbiaceae: *Croton cajucara* Benth.
3906. Rubiaceae: *Bertiera guianensis* Aubl.
3907. Acanthaceae: *Gynocraterium guianense* Bremek.
3908. Rubiaceae: *Psychotria platypoda* DC.
3909. Malvaceae: *Hibiscus dimidiatus* Schrank
3910. Piperaceae: *Piper marginatum* Jacq.
3911. Piperaceae: *Piper hostmannianum* (Miq.) C. DC.
3912. Piperaceae: *Piper hispidum* Sw.
3913. Piperaceae: *Piper insipiens* Trel. & Yunck.
3914. Piperaceae: *Piper aduncum* L.
3915. Cyperaceae: *Scleria mitis* P. J. Bergius
3916. Poaceae: *Pharus latifolius* L.
3917. Cyperaceae: *Becquerelia cymosa* ssp. *cymosa* Brongn.
3918. Cyperaceae: *Scleria gaertneri* Raddi
3919. Cyperaceae: *Diplasia karatifolia* Rich. ex Pers.
3920. Heliconiaceae: *Heliconia richardiana* Miq.
3921. Araceae: *Dieffenbachia seguine* (Jacq.) Schott
3922. Amaryllidaceae: *Bomarea edulis* (Tussac) Herb.
3923. Bignoniaceae: *Tabebuia insignis* var. *monophylla* Sandwith
3924. Melastomataceae: *Henriettea patrisiana* DC.
3925. Moraceae: *Ficus mathewsii* (Miq.) Miq.
3926. Annonaceae: *Cymbopetalum brasiliense* (Vell.) Benth. ex Baill.
3927. Polypodiaceae: *Phlebodium decumanum* (Willd.) J. Sm.
3928. Tiliaceae: *Apeiba tibourbou* Aubl.
3929. Marantaceae: *Myrosma cannifolia* L. f.
3930. Cyperaceae: *Cyperus odoratus* L.
3931. Cyperaceae: *Cyperus aggregatus* (Willd.) Endl.
3932. Rubiaceae: *Psychotria barbiflora* DC.
3933. Compositae: *Mikania psilostachya* DC.
3934. Polygonaceae: *Coccoloba* sp.
3935. Aquifoliaceae: *Ilex jenmanii* Loes.
3936. Rubiaceae: *Gonzalagunia surinamensis* Bremek.
3937. Humiriaceae: *Humiria balsamifera* Aubl.
3938. Lecythidaceae: *Eschweilera pedicellata* (Rich.) S. A. Mori
3939. Poaceae: Indet. sp.
3940. Violaceae: *Hybanthus calceolaria* (L.) Schulze-Menz
3941. Fabaceae: *Mimosa quadrivalvis* var. *leptocarpa* (DC.) Barneby
3942. Fabaceae: *Indigofera suffruticosa* Mill.
3943. Fabaceae: *Senna occidentalis* (L.) Link
3944. Fabaceae: Indet. sp.
3945. Haemodoraceae: Indet. sp.
3946. Cyperaceae: *Bulbostylis stenocarpa* Kük.
3947. Poaceae: *Paspalum lanciflorum* Trin.
3948. Fabaceae: *Mimosa surumuensis* Harms
3949. Myrtaceae: *Myrcia splendens* (Sw.) DC.
3950. Malvaceae: *Sida glomerata* Cav.
3951. Lamiaceae: *Marsypianthes chamaedrys* (Vahl) Kuntze
3952. Compositae: *Centratherum punctatum* Cass.
3953. Compositae: *Elephantopus mollis* Kunth
3954. Fabaceae: *Desmodium adscendens* (Sw.) DC.
3955. Malvaceae: *Peltaea trinervis* (C. Presl) Krapov. & Cristóbal
3956. Melastomataceae: *Desmoscelis villosa* (Aubl.) Naudin
3957. Onagraceae: *Ludwigia nervosa* (Poir.) H. Hara
3958. Melastomataceae: *Pterolepis glomerata* (Rottb.) Miq.
3959. Tiliaceae: *Corchorus* sp.
3960. Fabaceae: *Zornia latifolia* Sm.
3961. Alismataceae: *Sagittaria guayanensis* ssp. *guayanensis* Kunth
3962. Scrophulariaceae: *Benjaminia reflexa* (Benth.) D'Arcy
3963. Onagraceae: *Ludwigia inclinata* (L. f.) M. Gómez
3964. Lentibulariaceae: *Utricularia hydrocarpa* Vahl
3965. Scrophulariaceae: *Anisantherina hispidula* (Mart.) Pennell
3966. Polygalaceae: *Polygala timoutoides* var. *maguirei* (Wurdack) Marques
3967. Onagraceae: *Ludwigia* sp.
3968. Lamiaceae: *Hyptis* sp.
3969. Lamiaceae: *Hyptis* sp.
3970. Rubiaceae: *Sipanea* sp.
3971. Rubiaceae: *Diodia apiculata* (Willd. ex Roem. & Schult.) K. Schum.
3972. Eriocaulaceae: *Tonina fluviatilis* Aubl.
3973. Poaceae: Indet. sp.
3974. Poaceae: *Isachne polygonoides* (Lam.) Döll
3975. Poaceae: Indet. sp.
3976. Cyperaceae: *Eleocharis flavescens* (Poir.) Urb.
3977. Cyperaceae: *Cyperus haspan* L.
3978a. Cyperaceae: *Cyperus flavescens* L.
3978b. Cyperaceae: *Eleocharis filiculmis* Kunth
3979. Cyperaceae: *Scleria muehlenbergii* Steud.
3979a. Cyperaceae: *Rhynchospora tenerrima* Nees ex Spreng.
3979b. Cyperaceae: *Scleria verticillata* Muhl. ex Willd.
3980. Cyperaceae: *Cyperus haspan* L.
3981. Cyperaceae: *Fuirena umbellata* Rottb.
3982. Cyperaceae: *Fimbristylis dichotoma* (L.) Vahl
3983. Cyperaceae: *Rhynchospora filiformis* Vahl
3983a. Cyperaceae: *Rhynchospora filiformis* Vahl
3984. Cyperaceae: *Scleria distans* Poir.
3985. Cyperaceae: *Rhynchospora tenuis* ssp. *austro-brasiliensis* T. Koyama
3986. Poaceae: *Eragrostis unioloides* (Retz.) Nees ex Steud.
3987. Cyperaceae: *Cyperus cuspidatus* Kunth
3988. Cyperaceae: *Cyperus surinamensis* Rottb.
3989. Fabaceae: *Aeschynomene paniculata* Willd. ex Vogel
3990. Cyperaceae: *Eleocharis filiculmis* Kunth
3991. Pontederiaceae: *Eichhornia diversifolia* (Vahl) Urb.
3992. Polyporaceae: Indet. sp.
3993. Polyporaceae: Indet. sp.
3994. Lichen: Indet. sp.
3995. Polyporaceae: Indet. sp.

4071. Boletaceae: *Austroboletus mucosus* (Corner) Wolfe
4072. Orchidaceae: *Maxillaria pannieri* Foldats
4073. Orchidaceae: *Elleanthus graminifolius* (Barb. Rodr.) Löjtnant
4074. Orchidaceae: *Pleurothallis ruscifolia* (Jacq.) R. Br.
4075. Orchidaceae: *Stelis* sp.
4076. Orchidaceae: *Epidendrum imitans* Schltr.
4077. Melastomataceae: *Leandra agrestis* (Aubl.) Raddi
4078. Melastomataceae: *Leandra micropetala* (Naudin) Cogn.
4079. Melastomataceae: *Tococa aristata* Benth.
4080. Melastomataceae: *Leandra divaricata* (Naudin) Cogn.
4081. Marantaceae: *Monotagma spicatum* (Aubl.) J. F. Macbr.
4082. Araceae: *Anthurium expansum* Gleason
4083. Annonaceae: *Anaxagorea dolichocarpa* Sprague & Sandwith
4084. Cyperaceae: *Calyptrocarya glomerulata* (Brongn.) Urb.
4085. Piperaceae: *Piper perstipulare* Steyerm.
4086. Annonaceae: *Anaxagorea dolichocarpa* Sprague & Sandwith
4087. Bromeliaceae: *Tillandsia anceps* G. Lodd.
4088. Cyperaceae: *Scleria secans* (L.) Urb.
4089. Bignoniaceae: *Schlegelia* sp.
4090. Piperaceae: *Piper hostmannianum* (Miq.) C. DC.
4091. Piperaceae: *Piper arboreum* Aubl.
4092. Rubiaceae: *Psychotria potaroensis* (Sandwith) Steyerm.
4093. Compositae: *Wulffia baccata* (L. f.) Kuntze
4094. Rubiaceae: *Psychotria transiens* Wernham
4095. Zingiberaceae: *Renealmia orinocensis* Rusby
4096. Araceae: *Philodendron deflexum* Poepp. ex Schott
4097. Heliconiaceae: *Heliconia acuminata* A. Rich.
4098. Smilacaceae: *Smilax syphilitica* Humb. & Bonpl. ex Willd.
4099. Cyperaceae: *Scleria latifolia* Sw.
4100. Campanulaceae: *Centropogon cornutus* (L.) Druce
4102. Bignoniaceae: *Tabebuia insignis* var. *insignis* (Miq.) Sandwith
4103. Poaceae: *Ichnanthus nemoralis* (Schrad.) Hitchc. & Chase
4104. Ericaceae: *Sphyrospermum cordifolium* Benth.
4105. Adiantaceae: *Adiantum obliquum* Willd.
4106. Dryopteridaceae: *Cyclodium inerme* (Fée) A. R. Sm.
4107. Thelypteridaceae: *Thelypteris nesiotica* (Maxon & C. V. Morton) C. V. Morton
4108. Blechnaceae: *Blechnum* sp.
4109. Grammitidaceae: *Grammitis* sp.
4110. Thelypteridaceae: *Thelypteris brachypoda* (Baker) C. V. Morton
4111. Cyatheaceae: *Cyathea surinamensis* (Miq.) Domin
4112. Grammitidaceae: *Grammitis taxifolia* (L.) Proctor
4113. Grammitidaceae: *Grammitis taxifolia* (L.) Proctor
4114. Cyatheaceae: *Cyathea procera* (Willd.) Domin
4115. Cyatheaceae: *Cyathea procera* (Willd.) Domin
4116. Cyatheaceae: *Cnemidaria roraimensis* (Domin) R. M. Tryon
4117. Grammitidaceae: *Grammitis suspensa* (L.) Proctor
4118. Dennstaedtiaceae: *Lindsaea sagittata* (Aubl.) Dryand.
4119. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
4120. Cyatheaceae: *Cnemidaria roraimensis* (Domin) R. M. Tryon
4121. Hymenophyllaceae: *Hymenophyllum asplenioides* (Sw.) Sw.
4122. Dryopteridaceae: *Cyclodium meniscioides* var. *meniscioides* (Willd.) C. Presl
4123. Cyatheaceae: *Cyathea surinamensis* (Miq.) Domin
4124. Cyatheaceae: *Cnemidaria roraimensis* (Domin) R. M. Tryon
4125. Hymenophyllaceae: *Hymenophyllum decurrens* (Jacq.) Sw.
4126. Hymenophyllaceae: *Hymenophyllum decurrens* (Jacq.) Sw.
4127. Polyporaceae: Indet. sp.
4128. Boletaceae: *Xerocomus* sp.
4129. Boletaceae: Indet. sp.
4130. Polyporaceae: Indet. sp.
4131. Polyporaceae: Indet. sp.
4132. Ganodermataceae: *Amauroderma auriscalpium* (Pers.) Torrend
4133. Polyporaceae: Indet. sp.
4134. Podoscyphaceae: *Podoscypha* sp.
4135. Boletaceae: *Pulveroboletus* sp.
4136. Melastomataceae: *Miconia bracteata* (DC.) Triana
4137. Poaceae: *Olyra micrantha* Kunth
4138. Melastomataceae: *Leandra agrestis* (Aubl.) Raddi
4139. Loganiaceae: *Spigelia multispica* Steud.
4140. Melastomataceae: *Miconia mirabilis* (Aubl.) L. O. Williams
4141. Poaceae: Indet. sp.
4142. Fabaceae: *Eperua falcata* Aubl.
4143. Araceae: *Anthurium scandens* (Aubl.) Engl.
4144. Orchidaceae: *Maxillaria* sp.
4145. Rubiaceae: *Psychotria mapourioides* DC.
4146. Boraginaceae: *Cordia nodosa* Lam.
4147. Melastomataceae: *Graffenrieda intermedia* Triana
4148. Melastomataceae: *Maieta poeppigii* Mart. ex Cogn.
4149. Rubiaceae: *Psychotria uliginosa* Sw.
4150. Phytolaccaceae: *Phytolacca rivinoides* Kunth & C. D. Bouché
4151. Piperaceae: *Peperomia alata* Ruiz & Pav.
4152. Gastromycete: Indet. sp.
4153. Tricholomataceae: *Resupinatus* sp.
4154. Tricholomataceae: *Collybia* sp.
4155. Tricholomataceae: *Lentinula detonsa* (Fr.) Murrill
4156. Polyporaceae: *Coriolus* sp.
4157. Stereaceae: *Stereum* sp.
4158. Tricholomataceae: *Collybia* sp.
4159. Tricholomataceae: Indet. sp.
4160. Stereaceae: *Stereum* sp.

4161. Cyphellaceae: Indet. sp.
4162. Polyporaceae: Indet. sp.
4163. Cyclanthaceae: *Asplundia* sp.
4164. Grammitidaceae: *Grammitis subsessilis* (Baker) C. V. Morton
4165. Tectariaceae: *Tectaria plantaginea* var. *macrocarpa* (Fée) C. V. Morton
4166. Aspleniaceae: *Asplenium pteropus* Kaulf.
4167. Hymenophyllaceae: *Trichomanes radicans* Sw.
4168. Polyporaceae: Indet. sp.
4169. Polyporaceae: Indet. sp.
4170. Dryopteridaceae: *Stigmatopteris rotundata* (Willd.) C. Chr.
4171. Hymenophyllaceae: *Trichomanes radicans* Sw.
4172. Lomariopsidaceae: *Elaphoglossum macrophyllum* (Mett. ex Kuhn) Christ
4173. Tectariaceae: *Tectaria plantaginea* var. *macrocarpa* (Fée) C. V. Morton
4174. Orchidaceae: *Stelis* sp.
4175. Polypodiaceae: *Niphidium crassifolium* (L.) Lellinger
4176. Polypodiaceae: *Polypodium caceresii* Sodiro
4177. Polypodiaceae: *Polypodium caceresii* Sodiro
4178. Dryopteridaceae: *Stigmatopteris rotundata* (Willd.) C. Chr.
4179. Aspleniaceae: *Asplenium rutaceum* (Willd.) Mett.
4180. Dennstaedtiaceae: *Saccoloma inaequale* (Kunze) Mett.
4181. Cyatheaceae: *Cyathea procera* (Willd.) Domin
4182. Dennstaedtiaceae: *Lindsaea* sp.
4183. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
4184. Vittariaceae: *Antrophyum guayanense* Hieron.
4185. Dennstaedtiaceae: *Saccoloma elegans* ssp. *chartaceum* Nair ex Cremers & K. U. Kramer
4186. Hymenophyllaceae: *Trichomanes diaphanum* H.B.K.
4186a. Hymenophyllaceae: *Hymenophyllum polyanthos* (Sw.) Sw.
4187. Hymenophyllaceae: *Trichomanes diaphanum* H.B.K.
4188. Dennstaedtiaceae: *Lindsaea divaricata* Klotzsch
4189. Hymenophyllaceae: *Hymenophyllum fucoides* (Sw.) Sw.
4190. Orchidaceae: *Maxillaria* sp.
4191. Orchidaceae: *Brassia* sp.
4192. Marantaceae: *Ischnosiphon arouma* (Aubl.) Körn.
4193. Piperaceae: *Peperomia rotundifolia* (L.) Kunth
4194. Piperaceae: *Peperomia macrostachya* (Vahl) A. Dietr.
4195. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.
4196. Piperaceae: *Piper perstipulare* Steyerm.
4197. Piperaceae: *Piper perstipulare* Steyerm.
4198. Piperaceae: *Piper augustum* Rudge
4199. Piperaceae: *Piper arboreum* Aubl.
4200. Piperaceae: *Piper insipiens* Trel. & Yunck.
4201. Annonaceae: *Annona symphyocarpa* Sandwith
4202. Marantaceae: *Calathea casupito* (Jacq.) Schult.
4203. Thelypteridaceae: *Thelypteris leprieurii* var. *leprieurii* (Hook.) R. M. Tryon
4204. Lamiaceae: *Amasonia campestris* (Aubl.) Moldenke
4205. Melastomataceae: *Clidemia involucrata* DC.
4205a. Polyporaceae: *Ionotus* sp.
4206. Myrsinaceae: *Cybianthus venezuelanus* Mez
4207. Poaceae: *Ichnanthus pallens* (Sw.) Munro ex Benth.
4208. Lichen: Indet. sp.
4209. Ganodermataceae: *Amauroderma exile* (Berk.) Torrend
4210. Tricholomataceae: *Mycena* sp.
4211. Tremellaceae: *Tremellodendron* sp.
4212. Cortinariaceae: *Cortinarius* sp.
4213. Tremellaceae: *Tremellodendron* sp.
4214. Polyporaceae: *Hydropolyporus palmatus* (Hook.)
4215. Russulaceae: Indet. sp.
4216. Polyporaceae: *Lentinus crinitus* Fr.
4217. Tricholomataceae: *Mycena* sp.
4218. Boletaceae: *Tylopilus* sp.
4219. Dennstaedtiaceae: *Hypolepis repens* (L.) C. Presl
4220. Dennstaedtiaceae: *Saccoloma inaequale* (Kunze) Mett.
4221. Woodsiaceae: *Diplazium striatum* (L.) C. Presl
4222. Polypodiaceae: *Microgramma lycopodioides* (L.) Copel.
4223. Grammitidaceae: *Grammitis melanosticta* (Kunze) F. Seym.
4224. Grammitidaceae: *Grammitis melanosticta* (Kunze) F. Seym.
4225. Polyporaceae: *Polyporus* sp.
4226. Hymenophyllaceae: *Trichomanes rigidum* Sw.
4227. Hymenophyllaceae: *Hymenophyllum decurrens* (Jacq.) Sw.
4228. Grammitidaceae: *Cochlidium serrulatum* (Sw.) L. E. Bishop
4229. Dennstaedtiaceae: *Hypolepis* sp.
4230. Dennstaedtiaceae: *Lindsaea divaricata* Klotzsch
4231. Orchidaceae: *Pleurothallis ruscifolia* (Jacq.) R. Br.
4232. Rubiaceae: *Isertia hypoleuca* Benth.
4233. Melastomataceae: *Adelobotrys* sp.
4234. Melastomataceae: *Maieta guianensis* Aubl.
4235. Gesneriaceae: *Codonanthe crassifolia* (H. Focke) C. V. Morton
4236. Aspleniaceae: *Asplenium salicifolium* L.
4237. Polypodiaceae: *Campyloneurum angustifolium* (Sw.) Fée
4238. Gentianaceae: *Chelonanthus alatus* (Aubl.) Pulle
4239. Rubiaceae: *Psychotria apoda* Steyerm.
4240. Melastomataceae: *Miconia plukenetii* Naudin
4241. Rubiaceae: *Psychotria uliginosa* Sw.
4242. Melastomataceae: *Leandra divaricata* (Naudin) Cogn.
4243. Piperaceae: *Peperomia rotundifolia* (L.) Kunth
4244. Solanaceae: *Solanum stramoniifolium* Jacq.
4245. Rubiaceae: *Psychotria bostrychothyrsus* Sandwith
4246. Melastomataceae: *Aciotis indecora* (Bonpl.) Triana
4247. Orchidaceae: *Maxillaria kelloffiana* Christenson
4248. Orchidaceae: *Sobralia* sp.
4249. Marantaceae: *Monotagma spicatum* (Aubl.) J. F. Macbr.
4250. Melastomataceae: *Leandra sanguinea* ssp. *sanguinea* Gleason

4251. Melastomataceae: *Miconia bracteata* (DC.) Triana
4252. Rubiaceae: *Psychotria tepuiensis* (Steyerm.) Steyerm.
4253. Lythraceae: *Cuphea* sp.
4254. Rubiaceae: *Geophila repens* (L.) I. M. Johnst.
4255. Rapateaceae: *Rapatea fanshawei* Maguire
4256. Bromeliaceae: *Guzmania altsonii* L. B. Sm.
4257. Begoniaceae: *Begonia semiovata* Liebm.
4258. Melastomataceae: *Macrocentrum stipulaceum* Wurdack
4259. Melastomataceae: *Macrocentrum repens* (Gleason) Wurdack
4260. Melastomataceae: *Adelobotrys adscendens* (Sw.) Triana
4261. Smilacaceae: *Smilax syphilitica* Humb. & Bonpl. ex Willd.
4262. Araceae: *Anthurium nymphaeifolium* K. Koch & C. D. Bouché
4263. Melastomataceae: *Miconia* sp.
4264. Piperaceae: *Piper glabrescens* (Miq.) C. DC.
4265. Orchidaceae: *Elleanthus graminifolius* (Barb. Rodr.) Löjtnant
4266. Gentianaceae: *Tapeinostemon spenneroides* Benth.
4267. Gentianaceae: *Chorisepalum* sp.
4268. Orchidaceae: *Elleanthus caravata* (Aubl.) Rchb. f.
4269. Dryopteridaceae: *Cyclodium calophyllum* (C. V. Morton) A. R. Sm.
4270. Dennstaedtiaceae: *Lindsaea lancea* var. *falcata* (Dryand.) Rosenst.
4271. Polypodiaceae: *Polypodium loriceum* L.
4272. Cyatheaceae: *Cyathea* sp.
4273. Dennstaedtiaceae: *Lindsaea tenuis* Klotzsch
4274. Davalliaceae: *Oleandra articulata* (Sw.) C. Presl
4275. Hymenophyllaceae: *Trichomanes cellulosum* Klotzsch
4276. Dennstaedtiaceae: *Lindsaea parkeri* (Hook.) Kuhn
4277. Schizaeaceae: *Schizaea elegans* (Vahl) Sw.
4278a. Grammitidaceae: *Lellingeria randallii* (Maxon) A. R. Sm. & R. C. Moran
4278b. Grammitidaceae: *Lellingeria moranii*
4279. Annonaceae: *Guatteria pakaraimae* Scharf & Maas
4280. Melastomataceae: *Phainantha laxiflora* (Triana) Gleason
4281. Melastomataceae: *Clidemia sandwithii* Wurdack
4282. Melastomataceae: *Macrocentrum repens* (Gleason) Wurdack
4283. Melastomataceae: *Miconia* sp.
4284. Melastomataceae: *Clidemia heptamera* Wurdack
4285. Melastomataceae: *Macrocentrum anfractum* Wurdack
4286. Melastomataceae: *Boyania ayangannae* Wurdack
4287. Melastomataceae: *Miconia lappacea* (DC.) Triana
4288. Melastomataceae: *Tococa aristata* Benth.
4289. Melastomataceae: *Tococa aristata* Benth.
4290. Gesneriaceae: *Lesia savannarum* (C. V. Morton) J. L. Clark & J. F. Sm.
4291. Melastomataceae: *Boyania ayangannae* Wurdack
4292. Ericaceae: *Cavendishia callista* Donn. Sm.
4293. Ericaceae: *Cavendishia callista* Donn. Sm.
4294. Ochnaceae: *Sauvagesia longipes* Steyerm.
4295. Rubiaceae: *Psychotria tepuiensis* (Steyerm.) Steyerm.
4296. Rapateaceae: *Epidryos guayanensis* Maguire
4297. Ericaceae: *Psammisia urichiana* (Britton) A. C. Sm.
4298. Bignoniaceae: *Schlegelia spruceana* Bureau & K. Schum.
4299. Rubiaceae: *Coccocypselum hirsutum* Bartl. ex DC.
4300. Indet.: Indet. sp.
4301. Arecaceae: *Geonoma aspidiifolia* Spruce
4302. Rapateaceae: *Rapatea fanshawei* Maguire
4303. Podoscyphaceae: *Podoscypha* sp.
4304. Polyporaceae: Indet. sp.
4305. Polyporaceae: Indet. sp.
4306. Marcgraviaceae: *Marcgravia parviflora* Rich. ex Wittm.
4307. Rubiaceae: *Psychotria plocamipes* Wernham
4308. Boletaceae: Indet. sp.
4309. Boletaceae: *Tylopilus* sp.
4310. Tricholomataceae: *Mycena* sp.
4311. Tricholomataceae: Indet. sp.
4312. Auriculariaceae: *Auricularia* sp.
4313. Boletaceae: *Xerocomus* sp.
4314. Clavulinaceae: *Clavulina* sp.
4315. Tremellaceae: *Tremellodendron* sp.
4316. Grammitidaceae: *Lellingeria subsessilis* (Baker) A. R. Sm. & R. C. Moran
4317. Hymenophyllaceae: *Trichomanes cellulosum* Klotzsch
4318. Hymenophyllaceae: *Trichomanes caliginum* Lellinger
4319. Dennstaedtiaceae: *Lindsaea* sp.
4320. Hymenophyllaceae: *Hymenophyllum fendlerianum* J. W. Sturm
4321. Dryopteridaceae: *Cyclodium inerme* (Fée) A. R. Sm.
4322. Dryopteridaceae: *Cyclodium inerme* (Fée) A. R. Sm.
4323. Cyatheaceae: *Cyathea dissimilis* (C. V. Morton) Stolze
4324. Cyatheaceae: *Cyathea akawaiorum* P. J. Edwards
4325. Gentianaceae: *Tachia schomburgkiana* Benth.
4326. Myrtaceae: *Marlierea karuaiensis* (Steyerm.) McVaugh
4327. Euphorbiaceae: *Micrandra glabra* (R. E. Schult.) R. E. Schult.
4328. Loganiaceae: *Spigelia hamelioides* Kunth
4329. Rubiaceae: *Psychotria aligera* Steyerm.
4330. Rubiaceae: *Psychotria erecta* (Aubl.) Standl. & Steyerm.
4331. Indet.: Indet. sp.
4332. Indet.: Indet. sp.
4333. Cyclanthaceae: *Asplundia* sp.
4334. Araceae: *Philodendron callosum* K. Krause
4335. Bromeliaceae: *Tillandsia fendleri* Griseb.
4336. Melastomataceae: *Miconia* sp.
4337. Grammitidaceae: *Grammitis taxifolia* (L.) Proctor
4338. Hymenophyllaceae: *Trichomanes diversifrons* (Bory) Mett. ex Sadeb.
4339. Grammitidaceae: *Grammitis asplenifolia* (L.) Proctor

4340a. Grammitidaceae: *Lellingeria subsessilis* (Baker) A. R. Sm. & R. C. Moran
4340b. Grammitidaceae: *Lellingeria moranii*
4341. Grammitidaceae: *Lellingeria moranii*
4341a. Grammitidaceae: *Grammitis randallii* (Maxon) Proctor
4342. Grammitidaceae: *Lellingeria randallii* (Maxon) A. R. Sm. & R. C. Moran
4343. Grammitidaceae: *Enterosora trifurcata* (L.) L. E. Bishop
4344. Grammitidaceae: *Cochlidium furcatum* (Hook. & Grev.) C. Chr.
4345. Hymenophyllaceae: *Trichomanes caliginum* Lellinger
4346. Hymenophyllaceae: *Hymenophyllum microcarpum* Desv.
4347. Hymenophyllaceae: *Trichomanes pedicellatum* Desv.
4348. Adiantaceae: *Adiantopsis radiata* (L.) Fée
4349. Dryopteridaceae: *Cyclodium akawaiorum* A. R. Sm.
4350. Quiinaceae: *Quiina cruegeriana* Griseb.
4351. Rubiaceae: *Schradera nilssonii* Steyerm.
4352. Rubiaceae: *Psychotria tepuiensis* (Steyerm.) Steyerm.
4353. Melastomataceae: *Macrocentrum cristatum* (DC.) Triana
4354. Nyctaginaceae: *Guapira salicifolia* (Heimerl) Lundell
4355. Rubiaceae: *Patima minor* C. M. Taylor
4356. Piperaceae: *Peperomia reptans* C. DC.
4357. Melastomataceae: *Clidemia involucrata* DC.
4358. Bromeliaceae: *Vriesea splendens* (Brongn.) Lem. var. *splendens*
4359. Dennstaedtiaceae: *Ormoloma imrayanum* (Kunze) Maxon
4360. Cyatheaceae: *Cnemidaria roraimensis* (Domin) R. M. Tryon
4361. Bromeliaceae: *Racinaea spiculosa* var. *micrantha* (Baker) M. A. Spencer & L. B. Sm.
4362. Bromeliaceae: *Guzmania sphaeroidea* (André) André ex Mez
4363. Bromeliaceae: *Vriesea incurva* (Griseb.) Read
4364. Melastomataceae: *Miconia radulaefolia* (Benth.) Naudin
4365. Melastomataceae: *Tococa erythrophylla* (Ule) Wurdack
4366. Melastomataceae: *Miconia* sp.
4367. Grammitidaceae: *Cochlidium tepuiense* (A. C. Sm.) L. E. Bishop
4368. Thelypteridaceae: *Thelypteris nesiotica* (Maxon & C. V. Morton) C. V. Morton
4369. Indet.: Indet. sp.
4370. Orchidaceae: *Sobralia valida* Rolfe
4371. Orchidaceae: *Dichaea* sp.
4372. Myrsinaceae: *Cybianthus venezuelanus* Mez
4373. Agaricales: Indet. sp.
4374. Clavariaceae: Indet. sp.
4375. Melastomataceae: *Clidemia sandwithii* Wurdack
4376. Melastomataceae: *Bertolonia* sp.
4377. Rubiaceae: *Didymochlamys connellii* N. E. Br.
4378. Grammitidaceae: *Grammitis kalbreyeri* (Baker) Copel.
4379. Heliconiaceae: *Heliconia acuminata* A. Rich.
4380. Caryocaraceae: Indet. sp.
4381. Clusiaceae: *Clusia nemorosa* G. Mey.
4382. Rubiaceae: *Coussarea fanshawei* Steyerm.
4383. Melastomataceae: *Miconia silicicola* Gleason
4384. Nyctaginaceae: Indet. sp.
4385. Orchidaceae: *Stelis* sp.
4386. Monimiaceae: *Mollinedia* sp.
4387. Simaroubaceae: *Picramnia sellowii* ssp. *spruceana* (Engl.) Pirani
4388. Lamiaceae: *Aegiphila integrifolia* (Jacq.) B. D. Jacks.
4389. Ericaceae: *Cavendishia* sp.
4390. Ericaceae: *Psammisia urichiana* (Britton) A. C. Sm.
4391. Rubiaceae: *Palicourea perquadrangularis* Wernham
4392. Aspleniaceae: *Asplenium dissectum* Sw.
4393. Grammitidaceae: *Grammitis asplenifolia* (L.) Proctor
4394. Fabaceae: *Eperua* sp.
4395. Davalliaceae: *Oleandra articulata* (Sw.) C. Presl
4396. Melastomataceae: *Miconia tillettii* Wurdack
4397. Dennstaedtiaceae: *Lindsaea cultriformis* K. U. Kramer
4398. Araceae: *Stenospermation ammiticum* G. S. Bunting
4399. Ericaceae: *Satyria carnosiflora* Lanj.
4400. Loranthaceae: *Cladocolea nitida* Kuijt
4401. Adiantaceae: *Adiantopsis radiata* (L.) Fée
4402. Marcgraviaceae: *Marcgravia pedunculosa* Triana & Planch.
4403. Compositae: *Mikania banisteriae* DC.
4404. Thelypteridaceae: *Thelypteris leprieurii* (Hook.) R. M. Tryon
4405. Tectariaceae: *Lastreopsis amplissima* (C. Presl) Tindale
4406. Blechnaceae: *Blechnum divergens* (Kunze) Mett.
4407. Cyatheaceae: *Cyathea delgadii* Pohl ex Sternb.
4408. Cyatheaceae: *Cyathea macrosora* (Baker) Domin var. *macrosora*
4409. Woodsiaceae: *Diplazium* sp.
4410. Cyatheaceae: *Cyathea cyatheoides* (Desv.) K. U. Kramer
4411. Piperaceae: *Piper rupununianum* Trel. & Yunck.
4412. Piperaceae: *Piper duidaense* Trel. ex Gleason
4413. Acanthaceae: *Mendoncia* sp.
4414. Solanaceae: *Solanum coriaceum* Dunal
4415. Ericaceae: *Psammisia guianensis* Klotzsch
4416. Rubiaceae: *Psychotria bremekampiana* Steyerm.
4417. Melastomataceae: *Clidemia heteroneura* (DC.) Cogn.
4418. Flacourtiaceae: *Ryania speciosa* Vahl
4419. Piperaceae: *Peperomia lancifolia* Hook.
4420. Piperaceae: *Piper fanshawei* Yunck.
4421. Euphorbiaceae: *Alchornea triplinervia* (Spreng.) Müll. Arg.
4422. Rubiaceae: *Psychotria aligera* Steyerm.
4423. Rubiaceae: *Elaeagia maguirei* Standl.
4424. Melastomataceae: *Miconia acutifolia* Ule
4425. Rubiaceae: *Psychotria transiens* Wernham

4426. Marcgraviaceae: *Norantea tepuiensis* de Roon
4427. Melastomataceae: *Tococa erythrophylla* (Ule) Wurdack
4428. Ericaceae: *Thibaudia* sp.
4429. Rubiaceae: *Psychotria ayangannensis* Steyerm.
4430. Bromeliaceae: *Racinaea spiculosa* var. *stenoglossa* (L. B. Sm.) M. A. Spencer & L. B. Sm.
4431. Marcgraviaceae: *Marcgravia sororopaniana* Steyerm.
4432. Myrtaceae: *Calyptranthes pulchella* DC.
4433. Passifloraceae: *Passiflora retipetala* Mast.
4434. Piperaceae: *Peperomia reptans* C. DC.
4435. Gesneriaceae: *Crantzia epirotes* (Leeuwenb.) J. L. Clark
4436. Melastomataceae: *Boyania ayangannae* Wurdack
4437. Adiantaceae: *Pterozonium scopulinum* Lellinger
4438. Polyporaceae: Indet. sp.
4439. Agaricales: Indet. sp.
4440. Davalliaceae: *Oleandra articulata* (Sw.) C. Presl
4441. Gleicheniaceae: *Gleichenia lechleri* Mett.
4441a. Gleicheniaceae: *Sticherus melanoblastus* (Alston) E. Ø. Andersen & B. Øllg.
4442. Grammitidaceae: *Grammitis kalbreyeri* (Baker) Copel.
4443. Lentibulariaceae: *Utricularia quelchii* N. E. Br.
4444. Passifloraceae: *Passiflora aages* Feuillet
4445. Lejeuneaceae: *Neurolejeunea* sp.
4446. Grammitidaceae: *Cochlidium furcatum* (Hook. & Grev.) C. Chr.
4447. Grammitidaceae: *Cochlidium attenuatum* A. C. Sm.
4448. Orchidaceae: *Pleurothallis stenocardium* Schltr.
4449. Sphagnaceae: *Sphagnum* sp.
4450. Indet.: Indet. sp.
4451. Grammitidaceae: *Cochlidium serrulatum* (Sw.) L. E. Bishop
4452. Hymenophyllaceae: *Trichomanes crispum* L.
4453. Melastomataceae: *Miconia* sp.
4454. Araceae: *Anthurium roraimense* N. E. Br.
4455. Piperaceae: *Peperomia lancifolia* Hook.
4456. Hymenophyllaceae: *Trichomanes crinitum* Sw.
4457. Hymenophyllaceae: *Hymenophyllum dependens* C. V. Morton
4458. Clusiaceae: *Clusia capituliflora* Pipoly
4459. Clusiaceae: *Clusia sessilis* Klotzsch ex Engl.
4460. Hymenophyllaceae: *Hymenophyllum fucoides* (Sw.) Sw.
4461. Hymenophyllaceae: *Trichomanes accedens* C. Presl
4462. Hymenophyllaceae: *Trichomanes steyermarkii* P. G. Windisch & A. R. Sm.
4463. Indet.: Indet. sp.
4464. Indet.: Indet. sp.
4465. Polyporaceae: Indet. sp.
4466. Agaricales: *Flammulina* sp.
4467. Rubiaceae: *Emmeorhiza umbellata* (Spreng.) K. Schum.
4468. Myrtaceae: *Marlierea summa* McVaugh
4469. Sabiaceae: *Meliosma meridensis* Lasser
4470. Melastomataceae: *Clidemia buntingii* Wurdack
4471. Rubiaceae: *Rudgea* sp.
4472. Pallaviciniaceae: Indet. sp.
4473. Rubiaceae: *Psychotria cupularis* (Müll. Arg.) Standl.
4474. Flacourtiaceae: *Casearia pitumba* Sleumer
4475. Indet.: Indet. sp.
4476. Indet.: Indet. sp.
4477. Indet.: Indet. sp.
4478. Indet.: Indet. sp.
4479. Indet.: Indet. sp.
4480. Rubiaceae: *Psychotria plocamipes* Wernham
4480a. Indet.: Indet. sp.
4481. Polypodiaceae: *Polypodium loriceum* L.
4482. Lomariopsidaceae: *Elaphoglossum latifolium* (Sw.) J. Sm.
4483. Grammitidaceae: *Enterosora trifurcata* (L.) L. E. Bishop
4484. Arecaceae: *Prestoea tenuiramosa* (Dammer) H. E. Moore
4485. Arecaceae: *Geonoma undata* ssp. *appuniana* (Spruce) A. J. Hend.
4486. Cyatheaceae: *Cyathea caracasana* (Klotzsch) Domin
4487. Smilacaceae: *Smilax schomburgkiana* Kunth
4488. Araceae: *Philodendron grandifolium* (Jacq.) Schott
4489. Annonaceae: *Guatteria alticola* Scharf & Maas
4490. Rubiaceae: *Psychotria* sp.
4491. Loganiaceae: *Spigelia multispica* Steud.
4492. Cyclanthaceae: *Asplundia* sp.
4493. Poaceae: *Aulonemia nitida* Judz.
4494. Bromeliaceae: *Vriesea duidae* (L. B. Sm.) Gouda
4495. Clusiaceae: *Clusia maguireana* Pipoly
4496. Orchidaceae: *Epidendrum dendrobioides* Thunb.
4497. Orchidaceae: *Lepanthes* sp.
4498. Orchidaceae: *Stelis* sp.
4499. Passifloraceae: *Passiflora balbis* Feuillet
4500. Orchidaceae: *Lepanthes* sp.
4501. Nyctaginaceae: *Guapira* sp.
4502. Rubiaceae: *Schradera polycephala* DC.
4503. Melastomataceae: *Henriettella* sp.
4504. Clusiaceae: *Tovomita* sp. nov.
4505. Cunoniaceae: *Weinmannia* sp.
4506. Adiantaceae: *Doryopteris conformis* K. U. Kramer & R. M. Tryon
4507. Rubiaceae: *Malanea gabrielensis* Müll. Arg.
4508. Myrtaceae: *Marlierea summa* McVaugh
4509. Araliaceae: *Schefflera monosperma* Maguire et al.
4510. Rubiaceae: *Psychotria transiens* Wernham
4511. Araliaceae: *Schefflera* sp.
4512. Apocynaceae: *Aspidosperma* sp.
4513. Orchidaceae: *Octomeria* sp.
4514. Myrtaceae: Indet. sp.
4515. Melastomataceae: *Miconia* sp.
4516. Melastomataceae: *Macrocentrum minus* Gleason
4517. Adiantaceae: *Eriosorus hispidulus* var. *hispidulus* (Kunze) Vareschi
4518. Rubiaceae: *Ferdinandusa uaupensis* Spruce ex K. Schum.
4519. Melastomataceae: *Maieta guianensis* Aubl.
4520. Grammitidaceae: *Grammitis mollissima* (Fée) Proctor
4521. Loranthaceae: *Cladocolea micrantha* (Eichler) Kuijt

4522. Rubiaceae: *Psychotria plocamipes* Wernham
4523. Melastomataceae: *Miconia marginata* Triana
4550. Polygalaceae: *Polygala* sp.
4551. Cyperaceae: *Rhynchospora graminea* Uittien
4552. Cyperaceae: *Calyptrocarya monocephala* Hochst. ex Steud.
4553. Rapateaceae: *Monotrema aemulans* Körn.
4554. Poaceae: *Panicum granuliferum* Kunth
4555. Cyperaceae: *Rhynchospora maguireana* T. Koyama
4556. Melastomataceae: *Comolia villosa* (Aubl.) Triana
4557. Lentibulariaceae: *Utricularia juncea* Vahl
4558. Gentianaceae: *Irlbachia alata* var. *racemosa* (G. Mey.) Benth.
4559. Apocynaceae: *Odontadenia nitida* (Vahl) Müll. Arg.
4560. Euphorbiaceae: *Mabea taquari* Aubl.
4561. Xyridaceae: *Xyris jupicai* Rich.
4562. Cyperaceae: *Rhynchospora barbata* (Vahl) Kunth
4563. Lycopodiaceae: *Lycopodiella caroliniana* var. *meridionalis* (Underw. & F. E. Lloyd) B. Øllg. & P. G. Windisch
4564. Blechnaceae: *Blechnum serrulatum* Rich.
4565. Cyperaceae: *Becquerelia tuberculata* (Boeckeler) Pfeiff.
4566. Fabaceae: *Machaerium leiophyllum* (DC.) Benth.
4567. Polygalaceae: *Securidaca* sp.
4568. Ebenaceae: *Diospyros guianensis* (Aubl.) Gürke
4569. Hippocrateaceae: *Cheiloclinium brevipetiolatum* Lombardi
4570. Combretaceae: *Combretum pyramidatum* Desv.
4571. Lauraceae: *Nectandra* sp.
4572. Melastomataceae: *Mouriri grandiflora* DC.
4573. Combretaceae: *Combretum rotundifolium* Rich.
4574. Gesneriaceae: *Codonanthe crassifolia* (H. Focke) C. V. Morton
4575. Apocynaceae: *Mesechites trifida* (Jacq.) Müll. Arg.
4576. Compositae: *Lepidaploa gracilis* (Kunth) H. Rob.
4577. Melastomataceae: *Tococa subciliata* (DC.) Triana
4578. Loganiaceae: *Strychnos guianensis* (Aubl.) Mart.
4579. Sapindaceae: *Matayba camptoneura* Radlk.
4580. Fabaceae: *Dialium guianense* (Aubl.) Sandwith
4581. Melastomataceae: *Henriettea ramiflora* (Sw.) DC.
4582. Araceae: *Anthurium trinervium* Miq.
4583. Hymenophyllaceae: *Trichomanes hostmannianum* (Klotzsch) Kunze
4584. Euphorbiaceae: *Discocarpus essequeboensis* Klotzsch
4585. Myrtaceae: *Myrcia inaequiloba* (DC.) D. Legrand
4586. Hippocrateaceae: *Hippocratea volubilis* L.
4587. Fabaceae: *Eperua rubiginosa* Miq.
4588. Lecythidaceae: *Eschweilera parvifolia* Mart. ex DC.
4589. Lecythidaceae: *Lecythis corrugata* ssp. *corrugata* Poit.
4590. Rubiaceae: *Psychotria polycephala* Benth.
4591. Polypodiaceae: *Microgramma lycopodioides* (L.) Copel.
4592. Selaginellaceae: *Selaginella parkeri* (Hook. & Grev.) Spring
4593. Hymenophyllaceae: *Trichomanes hostmannianum* (Klotzsch) Kunze
4594. Polypodiaceae: *Dicranoglossum desvauxii* (Klotzsch) Proctor
4595. Pteridaceae: *Adiantum petiolatum* Desv.
4596. Aspleniaceae: *Asplenium serratum* L.
4597. Poaceae: *Panicum stoloniferum* Poir.
4598. Fabaceae: *Eperua glabra* R. S. Cowan
4599. Orchidaceae: *Polystachya* sp.
4600. Orchidaceae: *Maxillaria camaridii* Rchb. f.
4601. Orchidaceae: *Pleurothallis picta* Lindl.
4602. Orchidaceae: *Maxillaria villosa* Cogn.
4603. Piperaceae: *Piper* sp.
4604. Piperaceae: *Peperomia magnoliifolia* (Jacq.) A. Dietr.
4604a. Piperaceae: *Peperomia elongata* Kunth
4605. Orchidaceae: *Pleurothallis archidiaconi* Ames
4606. Melastomataceae: *Miconia lasseri* Gleason
4607. Rubiaceae: *Sipanea cowanii* Steyerm.
4608. Acanthaceae: *Polylychnis radicans* (Nees) Wassh.
4609. Lomariopsidaceae: *Elaphoglossum latifolium* (Sw.) J. Sm.
4610. Piperaceae: *Peperomia glabella* (Sw.) A. Dietr.
4611. Myrtaceae: *Marlierea* sp.
4612. Gesneriaceae: *Drymonia coccinea* (Aubl.) Wiehler
4613. Euphorbiaceae: *Croton cuneatus* Klotzsch
4614. Bignoniaceae: *Memora schomburgkii* (DC.) Miers
4615. Orchidaceae: *Psygmorchis pusilla* (L.) Dodson & Dressler
4616. Melastomataceae: *Miconia serrulata* (DC.) Naudin
4617. Fabaceae: *Mimosa myriadenia* Benth.
4618. Araceae: *Anthurium gracile* (Rudge) Schott
4619. Acanthaceae: *Gynocraterium guianense* Bremek.
4620. Myrtaceae: *Eugenia egensis* DC.
4621. Melastomataceae: *Aciotis purpurascens* (Aubl.) Triana
4622. Melastomataceae: *Clidemia japurensis* DC.
4623. Turneraceae: *Turnera* sp.
4624. Onagraceae: *Ludwigia latifolia* (Benth.) H. Hara
4625. Ericaceae: *Satyria panurensis* (Benth. ex Meisn.) Hook. f. ex Nied.
4626. Sapindaceae: *Paullinia isoptera* Radlk.
4627. Orchidaceae: *Brassia* sp.
4628. Orchidaceae: *Rodriguezia lanceolata* Ruiz & Pav.
4629. Bromeliaceae: *Pitcairnia caricifolia* Mart. ex Schult. f.
4630. Violaceae: *Rinorea lindeniana* (Tul.) Kuntze
4631. Violaceae: *Rinorea pubiflora* (Benth.) Sprague & Sandwith
4632. Euphorbiaceae: *Croton cuneatus* Klotzsch
4633. Simaroubaceae: *Picramnia* sp.
4634. Myrtaceae: *Myrcia subobliqua* (Benth.) Neidenzu
4635. Fabaceae: *Inga* sp.
4636. Rubiaceae: *Isertia hypoleuca* Benth.
4637. Lecythidaceae: *Eschweilera pedicellata* (Rich.) S. A. Mori
4638. Annonaceae: *Unonopsis* sp.
4639. Aspleniaceae: *Asplenium auritum* Sw.

4640. Polypodiaceae: *Pleopeltis percussa* (Cav.) Hook. & Grev.
4641. Polypodiaceae: *Microgramma reptans* (Cav.) A. R. Sm.
4642. Aspleniaceae: *Asplenium serratum* L.
4643. Polypodiaceae: *Campyloneurum repens* (Aubl.) C. Presl
4644. Vittariaceae: *Antrophyum guayanense* Hieron.
4645. Polypodiaceae: *Polypodium caceresii* Sodiro
4646. Aspleniaceae: *Asplenium salicifolium* L.
4647. Araceae: *Stenospermation ammiticum* G. S. Bunting
4648. Bromeliaceae: *Aechmea penduliflora* André
4649. Indet.: Indet. sp.
4650. Clusiaceae: Indet. sp.
4651. Araceae: *Philodendron sphalerum* Schott
4652. Clusiaceae: *Vismia macrophylla* Kunth
4652a. Cyperaceae: *Diplasia karatifolia* Rich. ex Pers.
4653. Orchidaceae: *Brassia* sp.
4654. Ericaceae: *Sphyrospermum ellipticum* Sleumer
4655. Fabaceae: *Eperua falcata* Aubl.
4656. Araceae: *Philodendron panduriforme* (Kunth) Kunth
4657. Araceae: *Philodendron hylaeae* G. S. Bunting
4658. Clusiaceae: *Clusia amazonica* Planch. & Triana
4659. Orchidaceae: *Maxillaria stenophylla* Rchb. f.
4660. Dichapetalaceae: *Tapura guianensis* Aubl.
4661. Ochnaceae: *Ouratea fasciculata* Maguire & Steyerm.
4662. Araceae: *Anthurium trinervium* Miq.
4663. Araceae: *Anthurium trinervium* Miq.
4664. Cecropiaceae: *Cecropia latiloba* Miq.
4665. Melastomataceae: *Aciotis purpurascens* (Aubl.) Triana
4666. Melastomataceae: *Clidemia pustulata* DC.
4667. Heliconiaceae: *Heliconia acuminata* A. Rich.
4668. Zingiberaceae: *Renealmia floribunda* K. Schum.
4669. Solanaceae: *Solanum monachophyllum* Dunal
4670. Gesneriaceae: *Codonanthe crassifolia* (H. Focke) C. V. Morton
4671. Orchidaceae: Indet. sp.
4672. Orchidaceae: *Pleurothallis* sp.
4673. Verbenaceae: *Petrea bracteata* Steud.
4674. Chrysobalanaceae: *Hirtella racemosa* var. *hexandra* (Willd. ex Roem. & Schult.) Prance
4675. Melastomataceae: *Miconia pubipetala* Miq.
4676. Orchidaceae: *Maxillaria acutifolia* Lindl.
4677. Orchidaceae: *Stelis argentata* Lindl.
4678. Orchidaceae: *Maxillaria alba* (Hook.) Lindl.
4679. Aspleniaceae: *Asplenium serratum* L.
4680. Davalliaceae: *Nephrolepis rivularis* (Vahl) Mett. ex Krug
4681. Marcgraviaceae: *Marcgravia sororopaniana* Steyerm.
4682. Marcgraviaceae: *Marcgravia purpurea* I. W. Bailey
4683. Araceae: *Anthurium gracile* (Rudge) Schott
4684. Costaceae: *Costus scaber* Ruiz & Pav.
4685. Piperaceae: *Peperomia emarginella* (Sw. ex Wikstr.) C. DC.
4686. Malpighiaceae: *Hiraea faginea* (Sw.) Nied.
4687. Rubiaceae: *Faramea multiflora* A. Rich. ex DC.
4688. Rubiaceae: *Manettia alba* (Aubl.) Wernham
4689. Rubiaceae: *Alibertia bertierifolia* K. Schum.
4690. Cyperaceae: *Calyptrocarya glomerulata* (Brongn.) Urb.
4691. Rubiaceae: *Psychotria lupulina* Benth.
4692. Icacinaceae: Indet. sp.
4693. Bignoniaceae: *Memora schomburgkii* (DC.) Miers
4694. Piperaceae: *Piper foveolatum* Kunth ex C. DC.
4695. Araceae: *Philodendron brevispathum* Schott
4696. Poaceae: *Olyra longifolia* Kunth
4697. Polypodiaceae: *Microgramma fuscopunctata* (Hook.) Vareschi
4698. Araceae: *Anthurium clavigerum* Poepp. & Endl.
4699. Rubiaceae: *Duroia eriopila* L. f.
4700. Araceae: *Anthurium gracile* (Rudge) Schott
4701. Arecaceae: *Geonoma baculifera* (Poit.) Kunth
4702. Cactaceae: *Epiphyllum phyllanthus* (L.) Haw.
4703. Arecaceae: *Euterpe oleracea* Mart.
4704. Orchidaceae: *Maxillaria camaridii* Rchb. f.
4705. Lomariopsidaceae: *Elaphoglossum luridum* (Fée) Christ
4706. Orchidaceae: *Dichaea* sp.
4707. Tectariaceae: *Triplophyllum dicksonioides* (Fée) Holttum
4708. Annonaceae: *Duguetia guianensis* R. E. Fr.
4709. Bromeliaceae: *Tillandsia anceps* G. Lodd.
4710. Clusiaceae: *Clusia leprantha* Mart.
4711. Piperaceae: *Peperomia glabella* (Sw.) A. Dietr.
4712. Piperaceae: *Peperomia magnoliifolia* (Jacq.) A. Dietr.
4713. Annonaceae: *Guatteria megalophylla* Diels
4714. Clusiaceae: *Clusia platystigma* Eyma
4715. Melastomataceae: *Clidemia minutiflora* (Triana) Cogn.
4716. Violaceae: *Rinorea macrocarpa* (Mart. ex Eichler) Kuntze
4717. Cucurbitaceae: *Helmontia* sp.
4718. Orchidaceae: *Paphinia cristata* (Lindl.) Lindl.
4719. Boraginaceae: *Cordia nodosa* Lam.
4720. Bromeliaceae: *Guzmania melinonis* Regel
4721. Myristicaceae: Indet. sp.
4722. Olacaceae: *Heisteria* sp.
4723. Rubiaceae: *Psychotria polycephala* Benth.
4724. Boraginaceae: *Cordia nodosa* Lam.
4725. Poaceae: *Ichnanthus nemoralis* (Schrad.) Hitchc. & Chase
4726. Poaceae: *Ichnanthus pallens* (Sw.) Munro ex Benth.
4727. Araceae: *Philodendron* sp.
4728. Annonaceae: *Duguetia calycina* Benoist
4729. Araceae: *Philodendron wittianum* Engl.
4730. Melastomataceae: *Clidemia minutiflora* (Triana) Cogn.
4731. Hymenophyllaceae: *Trichomanes trollii* Bergdolt
4732. Aspleniaceae: *Asplenium serratum* L.
4733. Tectariaceae: *Triplophyllum funestum* (Kunze) Holttum
4734. Dennstaedtiaceae: *Saccoloma inaequale* (Kunze) Mett.
4735. Piperaceae: *Peperomia serpens* (Sw.) Loudon
4736. Poaceae: *Olyra ecaudata* Döll
4737. Schizaeaceae: *Schizaea elegans* (Vahl) Sw.

4738. Cyperaceae: *Bisboeckelera irrigua* (Nees) Kuntze
4739. Hymenophyllaceae: *Trichomanes hostmannianum* (Klotzsch) Kunze
4740. Dennstaedtiaceae: *Lindsaea lancea* var. *lancea* (L.) Bedd.
4741. Cyperaceae: *Hypolytrum stemonifolium* T. Koyama
4742. Adiantaceae: *Adiantum terminatum* Kunze ex Miq.
4743. Arecaceae: *Bactris elegans* Barb. Rodr. & Trail ex Barb. Rodr.
4744. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
4745. Adiantaceae: *Adiantum argutum* Splitg.
4746. Cyatheaceae: *Cyathea traillii* (Baker) Domin
4747. Cactaceae: *Hylocereus* sp.
4748. Araceae: *Philodendron fragrantissimum* Kunth
4749. Indet.: Indet. sp.
4750. Dennstaedtiaceae: *Lindsaea guianensis* (Aubl.) Dryand.
4751. Marantaceae: *Monotagma spicatum* (Aubl.) J. F. Macbr.
4752. Gentianaceae: *Voyria acuminata* Benth.
4753. Rapateaceae: *Rapatea paludosa* Aubl.
4754. Myrsinaceae: *Stylogyne lasseri* (Lundell) Pipoly
4755. Hymenophyllaceae: *Trichomanes ankersii* C. Parker ex Hook. & Grev.
4756. Rubiaceae: *Palicourea nitidella* (Müll. Arg.) Standl.
4757. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
4758. Euphorbiaceae: *Rhodothyrsus macrophyllus* (Ducke) Esser
4759. Hippocrateaceae: Indet. sp.
4760. Annonaceae: *Duguetia megalophylla* R. E. Fr.
4761. Bromeliaceae: *Aechmea contracta* (Mart. ex Schult. f.) Baker
4762. Rapateaceae: *Saxo-fridericia aculeata* Körn.
4763. Marantaceae: *Calathea elliptica* (Roscoe) K. Schum.
4763a. Heliconiaceae: *Heliconia psittacorum* L. f.
4764. Marantaceae: *Calathea cannoides* (Nicolson et al.) H. Kenn.
4765. Arecaceae: *Iriartella setigera* (Mart.) H. Wendl.
4766. Lomariopsidaceae: *Elaphoglossum nigrescens* (Hook.) T. Moore ex Diels
4767. Costaceae: *Costus arabicus* L.
4768. Malpighiaceae: *Banisteriopsis* sp.
4769. Moraceae: *Ficus paraensis* (Miq.) Miq.
4770. Melastomataceae: *Miconia serrulata* (DC.) Naudin
4771. Lecythidaceae: *Eschweilera pedicellata* (Rich.) S. A. Mori
4771b. Orchidaceae: *Pleurothallis glandulosa* Ames
4772. Loranthaceae: *Phthirusa disjectifolia* (Rizzini) Kuijt
4773. Rhizophoraceae: *Cassipourea elliptica* (Sw.) Poir.
4774. Clusiaceae: *Clusia amazonica* Planch. & Triana
4775. Onagraceae: *Ludwigia latifolia* (Benth.) H. Hara
4776. Fabaceae: *Inga nobilis* Willd.
4777. Euphorbiaceae: *Margaritaria nobilis* L. f.
4778. Fabaceae: *Inga auristellae* Harms
4779. Fabaceae: *Macrolobium angustifolium* (Benth.) R. S. Cowan
4780. Myristicaceae: *Iryanthera* sp.
4781. Fabaceae: *Zygia latifolia* var. *lasiopus* (Benth.) Barneby & J. W. Grimes
4782. Connaraceae: *Rourea* sp.
4783. Proteaceae: *Panopsis sessilifolia* (Rich.) Sandwith
4784. Orchidaceae: *Pleurothallis consimilis* Ames
4785. Apocynaceae: *Lacmellea aculeata* (Ducke) Monach.
4786. Orchidaceae: *Maxillaria acutifolia* Lindl.
4787. Annonaceae: *Pseudoxandra lucida* R. E. Fr.
4788. Olacaceae: *Heisteria* sp.
4789. Lomariopsidaceae: *Elaphoglossum minutum* (Pohl ex Fée) T. Moore
4790. Aspleniaceae: *Asplenium auritum* Sw.
4791. Grammitidaceae: *Terpsichore elastica* (Bory ex Willd.) A. R. Sm.
4792. Violaceae: *Corynostylis arborea* (L.) S. F. Blake
4793. Loganiaceae: *Strychnos* sp.
4794. Fabaceae: *Swartzia benthamiana* Miq.
4795. Polypodiaceae: *Pecluma consimilis* var. *consimilis* (Mett.) Price
4796. Bombacaceae: *Pachira insignis* (Sw.) Sw. ex Savigny
4797. Poaceae: *Panicum pilosum* Sw.
4798. Sapindaceae: *Paullinia isoptera* Radlk.
4799. Annonaceae: *Fusaea longifolia* (Aubl.) Saff.
4800. Melastomataceae: *Bellucia grossularioides* (L.) Triana
4801. Cyperaceae: *Scleria flagellum-nigrorum* P. J. Bergius
4802. Cactaceae: *Epiphyllum phyllanthus* (L.) Haw.
4803. Connaraceae: *Connarus rigidus* Forero
4804. Sapindaceae: *Paullinia tricornis* Radlk.
4805. Orchidaceae: Indet. sp.
4806. Myrsinaceae: *Stylogyne orinocensis* (Kunth) Mez
4807. Rubiaceae: *Manettia reclinata* L.
4808. Smilacaceae: *Smilax schomburgkiana* Kunth
4809. Myrtaceae: *Eugenia egensis* DC.
4810. Boraginaceae: *Varronia schomburgkii* (DC.) Borhidi
4811. Cyperaceae: *Calyptrocarya glomerulata* (Brongn.) Urb.
4812. Poaceae: *Panicum stoloniferum* Poir.
4813. Dryopteridaceae: *Cyclodium inerme* (Fée) A. R. Sm.
4814. Cyperaceae: *Diplasia karatifolia* Rich. ex Pers.
4815. Ochnaceae: *Ouratea fasciculata* Maguire & Steyerm.
4816. Xylariaceae: *Xylaria* sp.
4817. Araceae: *Philodendron camposportoanum* G. M. Barroso
4818. Piperaceae: *Peperomia serpens* (Sw.) Loudon
4819. Bromeliaceae: *Guzmania calothyrsus* Mez
4820. Bignoniaceae: *Memora schomburgkii* (DC.) Miers
4821. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
4822. Adiantaceae: *Adiantum cajennense* Willd. ex Klotzsch
4822a. Poaceae: Indet. sp.
4823. Lomariopsidaceae: *Elaphoglossum apodum* (Kaulf.) Schott ex J. Sm.
4824. Costaceae: *Costus scaber* Ruiz & Pav.
4825. Araceae: *Anthurium gracile* (Rudge) Schott

4826. Orchidaceae: *Cheiradenia cuspidata* Lindl.
4827. Melastomataceae: *Leandra solenifera* Cogn.
4828. Heliconiaceae: *Heliconia densiflora* B. Verl.
4829. Gesneriaceae: *Nautilocalyx fasciculatus* L. E. Skog & Steyerm.
4830. Rubiaceae: *Psychotria iodotricha* Müll. Arg.
4831. Marantaceae: *Monotagma* sp.
4832. Melastomataceae: *Clidemia ostentata* Wurdack
4833. Cyperaceae: *Mapania sylvatica* Aubl.
4834. Araceae: *Philodendron camposportoanum* G. M. Barroso
4835. Zingiberaceae: *Renealmia monosperma* Miq.
4836. Araceae: *Philodendron fragrantissimum* Kunth
4837. Cyperaceae: *Calyptrocarya glomerulata* (Brongn.) Urb.
4838. Violaceae: *Rinorea amapensis* Hekking
4839. Adiantaceae: *Adiantum cajennense* Willd. ex Klotzsch
4840. Adiantaceae: *Adiantum tomentosum* Klotzsch
4841. Dennstaedtiaceae: *Lindsaea lancea* (L.) Bedd.
4842. Dennstaedtiaceae: *Lindsaea dubia* Spreng.
4843. Hymenophyllaceae: *Trichomanes trollii* Bergdolt
4844. Tectariaceae: *Triplophyllum funestum* (Kunze) Holttum
4845. Lecythidaceae: *Eschweilera* sp.
4846. Rubiaceae: *Psychotria apoda* Steyerm.
4847. Tectariaceae: *Tectaria plantaginea* (Jacq.) Maxon
4848. Tectariaceae: *Tectaria plantaginea* (Jacq.) Maxon
4849. Dennstaedtiaceae: *Lindsaea lancea* var. *falcata* (Dryand.) Rosenst.
4850. Hippocrateaceae: *Peritassa laevigata* (Hoffmanns. ex Link) A. C. Sm.
4851. Sapindaceae: *Matayba guianensis* Aubl.
4852. Clusiaceae: *Clusia microstemon* Planch. & Triana
4853. Rubiaceae: *Psychotria platypoda* DC.
4854. Cyperaceae: *Hypolytrum jenmanii* ssp. *jenmanii* C. B. Clarke
4855. Clusiaceae: *Chrysochlamys membranacea* Planch. & Triana
4856. Chrysobalanaceae: Indet. sp.
4857. Adiantaceae: *Adiantum* sp. nov.
4858. Tectariaceae: *Triplophyllum funestum* (Kunze) Holttum
4859. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
4860. Dennstaedtiaceae: *Lindsaea lancea* var. *leprieurii* (Hook.) K. U. Kramer
4861. Dryopteridaceae: *Cyclodium inerme* (Fée) A. R. Sm.
4862. Adiantaceae: *Adiantopsis monticola* (Gardner) T. Moore
4863. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
4864. Rapateaceae: *Rapatea paludosa* Aubl.
4865. Cyatheaceae: *Cyathea macrosora* (Baker) Domin
4866. Poaceae: *Olyra micrantha* Kunth
4867. Icacinaceae: *Emmotum glabrum* Benth. ex Miers
4868. Myrtaceae: *Eugenia tetramera* (McVaugh) M. L. Kawas. & B. Holst
4869. Fabaceae: *Entada polyphylla* Benth.
4870. Araceae: *Anthurium pentaphyllum* (Aubl.) G. Don
4871. Violaceae: *Corynostylis arborea* (L.) S. F. Blake
4872. Rubiaceae: *Randia hebecarpa* Benth.
4873. Melastomataceae: *Miconia carassana* Cogn.
4874. Lomariopsidaceae: *Bolbitis semipinnatifida* (Fée) Alston
4875. Melastomataceae: *Miconia* sp.
4876. Piperaceae: *Peperomia pernambucensis* Miq.
4877. Rubiaceae: *Palicourea calophylla* DC.
4878. Heliconiaceae: *Heliconia lourteigiae* Emygdio & E. Santos
4879. Rubiaceae: *Psychotria gracilenta* Müll. Arg.
4880. Melastomataceae: *Leandra solenifera* Cogn.
4881. Piperaceae: *Piper piscatorum* Trel. & Yunck.
4882. Orchidaceae: *Elleanthus caravata* (Aubl.) Rchb. f.
4883. Indet.: Indet. sp.
4884. Convolvulaceae: *Ipomoea* sp.
4885. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.
4886. Lauraceae: Indet. sp.
4887. Piperaceae: *Piper* sp.
4888. Lecythidaceae: *Eschweilera amara* (Aubl.) Nied.
4889. Passifloraceae: Indet. sp.
4890. Agaricales: Indet. sp.
4891. Clavariaceae: Indet. sp.
4892. Clavariaceae: Indet. sp.
4893. Xylariaceae: Indet. sp.
4894. Bromeliaceae: *Araeococcus micranthus* Brongn.
4895. Melastomataceae: *Clidemia involucrata* DC.
4896. Thurniaceae: *Thurnia sphaerocephala* ssp. *longirostra* M. T. Strong
4897. Marantaceae: *Ischnosiphon obliquus* (Rudge) Körn.
4898. Solanaceae: *Brunfelsia guianensis* Benth.
4899. Orchidaceae: *Braemia vittata* (Lindl.) Jenny
4900. Chrysobalanaceae: Indet. sp.
4901. Annonaceae: *Duguetia calycina* Benoist
4902. Hymenophyllaceae: *Trichomanes elegans* Rich.
4903. Blechnaceae: *Salpichlaena volubilis* (Kaulf.) J. Sm.
4904. Dennstaedtiaceae: *Lindsaea coarctata* K. U. Kramer
4905. Adiantaceae: *Adiantum fuliginosum* Fée
4906. Vittariaceae: *Antrophyum guayanense* Hieron.
4907. Polypodiaceae: *Polypodium caceresii* Sodiro
4908. Adiantaceae: *Adiantum cajennense* Willd. ex Klotzsch
4909. Adiantaceae: *Adiantum cajennense* Willd. ex Klotzsch
4910. Adiantaceae: *Adiantum argutum* Splitg.
4911. Myrtaceae: *Eugenia ferreiraeana* O. Berg
4912. Melastomataceae: *Henriettea succosa* (Aubl.) DC.
4913. Sterculiaceae: *Theobroma obovatum* Klotzsch ex Bern.
4914. Gentianaceae: *Tachia guianensis* Aubl.
4915. Rubiaceae: *Palicourea guianensis* Aubl.
4916. Lichen: Indet. sp.
4917. Lichen: Indet. sp.
4918. Lichen: Indet. sp.
4919. Lichen: Indet. sp.

4920. Lichen: Indet. sp.
4921. Lichen: Indet. sp.
4922. Lichen: Indet. sp.
4923. Lichen: Indet. sp.
4924. Ascomycete: *Nectria* sp.
4925. Graphidaceae: *Graphium* sp.
4926. Lichen: Indet. sp.
4927. Graphidaceae: *Graphium* sp.
4928. Hydnodontaceae: *Trechispora hypogeton* (Maas Geest.) Hjortstam & Larsson
4929. Basidiomycete: Indet. sp.
4930. Lichen: Indet. sp.
4931. Lomariopsidaceae: *Bolbitis semipinnatifida* (Fée) Alston
4932. Marattiaceae: *Danaea elliptica* Sm.
4933. Polypodiaceae: *Microgramma fuscopunctata* (Hook.) Vareschi
4934. Verbenaceae: *Petrea bracteata* Steud.
4935. Poaceae: *Olyra micrantha* Kunth
4936. Lichen: Indet. sp.
4937. Pteridaceae: *Adiantum lucidum* (Cav.) Sw.
4938. Bromeliaceae: *Guzmania lingulata* var. *lingulata* (L.) Mez
4939. Gesneriaceae: *Besleria laxiflora* Benth.
4940. Poaceae: *Lasiacis ligulata* Hitchc. & Chase
4941. Rubiaceae: *Patima guianensis* Aubl.
4942. Dilleniaceae: *Pinzona coriacea* Mart. & Zucc.
4943. Hymenophyllaceae: *Trichomanes diaphanum* H.B.K.
4943a. Melastomataceae: *Loreya mespiloides* Miq.
4944. Asclepiadaceae: *Matelea palustris* Aubl.
4945. Melastomataceae: *Miconia* sp.
4946. Lauraceae: *Endlicheria pyriformis* (Nees) Mez
4947. Selaginellaceae: *Selaginella parkeri* (Hook. & Grev.) Spring
4948. Poaceae: *Orthoclada laxa* P. Beauv.
4949. Hymenophyllaceae: *Trichomanes diversifrons* (Bory) Mett. ex Sadeb.
4950. Piperaceae: *Piper hispidum* Sw.
4951. Poaceae: *Orthoclada laxa* P. Beauv.
4952. Rubiaceae: *Faramea morilloi* Steyerm.
4953. Myrsinaceae: *Ardisia guianensis* (Aubl.) Mez
4954. Clusiaceae: *Clusia amazonica* Planch. & Triana
4955. Melastomataceae: *Miconia lateriflora* Cogn.
4955a. Hymenophyllaceae: *Trichomanes pinnatum* Hedw.
4956. Indet.: Indet. sp.
4957. Indet.: Indet. sp.
4958. Indet.: Indet. sp.
4959. Hymenophyllaceae: *Hymenophyllum polyanthos* (Sw.) Sw.
4960. Indet.: Indet. sp.
4961. Polypodiaceae: *Microgramma thurnii* (Baker) R. M. Tryon & Stolze
4962. Pallaviciniaceae: Indet. sp.
4963. Indet.: Indet. sp.
4964. Piperaceae: *Peperomia emarginella* (Sw. ex Wikstr.) C. DC.
4965. Gleicheniaceae: *Gleichenia longipinnata* Hook.
4966. Hymenophyllaceae: *Trichomanes* sp.
4967. Thelypteridaceae: *Thelypteris decussata* (L.) Proctor
4968. Thelypteridaceae: *Thelypteris opulenta* (Kaulf.) Fosberg
4969. Dennstaedtiaceae: *Saccoloma inaequale* (Kunze) Mett.
4970. Dryopteridaceae: *Cyclodium inerme* (Fée) A. R. Sm.
4971. Dryopteridaceae: *Cyclodium meniscioides* (Willd.) C. Presl
4972. Tectariaceae: *Tectaria plantaginea* (Jacq.) Maxon
4973. Blechnaceae: *Salpichlaena volubilis* (Kaulf.) J. Sm.
4974. Cyatheaceae: *Cyathea pungens* (Willd.) Domin
4975. Apocynaceae: *Lacmellea* sp.
4976. Grammitidaceae: *Cochlidium serrulatum* (Sw.) L. E. Bishop
4977. Heliconiaceae: *Heliconia spathocircinata* Aristeg.
4978. Cyclanthaceae: Indet. sp.
4979. Arecaceae: *Socratea exorrhiza* (Mart.) H. Wendl.
4980. Thelypteridaceae: *Thelypteris decussata* (L.) Proctor
4981. Annonaceae: *Duguetia pauciflora* Rusby
4982. Melastomataceae: *Miconia carassana* Cogn.
4983. Melastomataceae: *Clidemia stellipilis* (Gleason) Wurdack
4984. Myrtaceae: *Myrcia multiflora* (Lam.) DC.
4985. Annonaceae: *Guatteria megalophylla* Diels
4986. Loganiaceae: *Strychnos* sp.
4987. Lichen: Indet. sp.
4988. Lichen: Indet. sp.
4989. Lichen: Indet. sp.
4990. Indet.: Indet. sp.
4991. Indet.: Indet. sp.
4992. Loganiaceae: Indet. sp.
4993. Melastomataceae: *Clidemia conglomerata* DC.
4994. Clusiaceae: *Dystovomita* sp.
4995. Araceae: *Monstera adansonii* Schott
4996. Piperaceae: *Piper perstipulare* Steyerm.
4997. Gesneriaceae: *Besleria laxiflora* Benth.
4998. Cyatheaceae: *Cyathea traillii* (Baker) Domin
4999. Melastomataceae: *Clidemia conglomerata* DC.
5000. Rubiaceae: *Psychotria uliginosa* Sw.
5001. Lomariopsidaceae: *Elaphoglossum mitorrhizum* Mickel
5002. Cyatheaceae: *Cyathea multiflora* Sm.
5003. Euphorbiaceae: *Chaetocarpus schomburgkianus* (Kuntze) Pax & K. Hoffm.
5004. Orchidaceae: *Paphinia cristata* var. *modigliana*
5005. Rubiaceae: *Coussarea racemosa* A. Rich.
5006. Araceae: *Philodendron wittianum* Engl.
5007. Cyperaceae: *Mapania sylvatica* Aubl.
5008. Dennstaedtiaceae: *Lindsaea divaricata* Klotzsch
5009. Lichen: Indet. sp.
5010. Indet.: Indet. sp.
5011. Indet.: Indet. sp.
5012. Indet.: Indet. sp.
5013. Araceae: *Spathiphyllum humboldtii* Schott
5014. Costaceae: *Costus longebracteolatus* Maas

5015. Solanaceae: *Solanum circinatum* Bohs
5016. Indet.: Indet. sp.
5017. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.
5018. Solanaceae: *Solanum leucocarpon* Dunal
5019. Acanthaceae: *Mendoncia* sp.
5020. Burseraceae: *Protium sagotianum* Marchand
5021. Lauraceae: *Aniba* sp.
5022. Indet.: Indet. sp.
5023. Euphorbiaceae: *Sagotia brachysepala* (Müll. Arg.) Secco
5024. Marcgraviaceae: *Marcgravia pedunculosa* Triana & Planch.
5025. Convolvulaceae: *Maripa glabra* Choisy
5026. Melastomataceae: *Adelobotrys* sp.
5027. Annonaceae: *Duguetia yeshidan* Sandwith
5028. Orchidaceae: *Pleurothallis ruscifolia* (Jacq.) R. Br.
5029. Euphorbiaceae: *Croton palanostigma* Klotzsch
5030. Melastomataceae: *Miconia prasina* (Sw.) DC.
5031. Piperaceae: *Piper* sp.
5032. Hymenophyllaceae: *Trichomanes radicans* Sw.
5033. Hymenophyllaceae: *Trichomanes rigidum* Sw.
5034. Dryopteridaceae: *Cyclodium guianense* (Klotzsch) van der Werff ex L. D. Gómez
5035. Adiantaceae: *Adiantum terminatum* Kunze ex Miq.
5036. Cyatheaceae: *Cyathea surinamensis* (Miq.) Domin
5037. Cyatheaceae: *Cyathea surinamensis* (Miq.) Domin
5038. Lomariopsidaceae: *Elaphoglossum apodum* (Kaulf.) Schott ex J. Sm.
5039. Cyclanthaceae: Indet. sp.
5040. Cyclanthaceae: Indet. sp.
5041. Dryopteridaceae: *Olfersia cervina* (L.) Kunze
5042. Melastomataceae: *Miconia plukenetii* Naudin
5043. Moraceae: *Ficus paraensis* (Miq.) Miq.
5044. Nyctaginaceae: *Neea* sp.
5045. Loganiaceae: *Potalia amara* Aubl.
5046. Melastomataceae: *Miconia abbreviata* Markgr.
5047. Dioscoreaceae: *Dioscorea* sp.
5048. Araceae: *Syngonium podophyllum* Schott
5049. Dryopteridaceae: *Cyclodium meniscioides* (Willd.) C. Presl
5050. Dennstaedtiaceae: *Lindsaea* sp.
5051. Orchidaceae: *Maxillaria reichenheimiana* Endrés & Rchb. f.
5052. Convolvulaceae: Ipomoea sp.
5053. Cyatheaceae: *Cyathea pungens* (Willd.) Domin
5054. Cyatheaceae: *Cyathea surinamensis* (Miq.) Domin
5055. Fabaceae: *Albizia* sp.
5056. Indet.: Indet. sp.
5057. Clusiaceae: *Tovomita spruceana* Planch. & Triana
5058. Sapotaceae: *Ecclinusa lanceolata* (Mart. & Eichler) Pierre
5059. Myristicaceae: *Virola elongata* (Benth.) Warb.
5060. Moraceae: *Ficus donnell-smithii* Standl.
5061. Rubiaceae: *Psychotria racemosa* Rich.
5062. Hippocrateaceae: *Peritassa laevigata* (Hoffmanns. ex Link) A. C. Sm.
5063. Myristicaceae: *Iryanthera* sp.
5064. Arecaceae: *Hyospathe elegans* ssp. *elegans* Mart.
5065. Polypodiaceae: *Polypodium bombycinum* Maxon
5066. Marcgraviaceae: *Souroubea guianensis* Aubl.
5067. Celastraceae: *Salacia multiflora* ssp. *multiflora* (Lam.) DC.
5068. Fabaceae: *Bauhinia cupreonitens* Ducke
5069. Chrysobalanaceae: *Hirtella silicea* Griseb.
5070. Indet.: Indet. sp.
5071. Polypodiaceae: *Microgramma baldwinii* Brade
5072. Dennstaedtiaceae: *Lindsaea lancea* var. *falcata* (Dryand.) Rosenst.
5073. Tectariaceae: *Triplophyllum funestum* (Kunze) Holttum
5074. Euphorbiaceae: *Mabea speciosa* ssp. *guianensis* Esser
5075. Rubiaceae: *Palicourea corymbifera* (Müll. Arg.) Standl.
5076. Annonaceae: *Fusaea longifolia* (Aubl.) Saff.
5077. Campanulaceae: *Centropogon cornutus* (L.) Druce
5078. Melastomataceae: *Miconia* sp.
5079. Hymenophyllaceae: *Hymenophyllum hirsutum* (L.) Sw.
5080. Orchidaceae: *Polycycnis surinamensis* C. Schweinf.
5081. Cucurbitaceae: Indet. sp.
5082. Orchidaceae: *Dichaea splitgerberi* Rchb. f.
5083. Solanaceae: *Markea coccinea* Rich.
5084. Simaroubaceae: *Picramnia* sp.
5085. Polyporaceae: Indet. sp.
5086. Melastomataceae: *Tococa subciliata* (DC.) Triana
5087. Lauraceae: *Endlicheria multiflora* (Miq.) Mez
5088. Orchidaceae: *Brassia* sp.
5089. Piperaceae: *Peperomia elongata* Kunth
5090. Piperaceae: *Peperomia glabella* (Sw.) A. Dietr.
5091. Orchidaceae: *Rodriguezia lanceolata* Ruiz & Pav.
5092. Malpighiaceae: *Heteropterys macrostachya* A. Juss.
5093. Melastomataceae: *Mouriri* sp.
5094. Araceae: *Anthurium trinervium* Miq.
5095. Orchidaceae: *Brassavola martiana* Lindl.
5096. Piperaceae: *Peperomia rotundifolia* (L.) Kunth
5097. Bignoniaceae: *Memora schomburgkii* (DC.) Miers
5098. Annonaceae: *Pseudoxandra lucida* R. E. Fr.
5099. Loranthaceae: *Phthirusa stelis* (L.) Kuijt
5100. Melastomataceae: *Miconia pseudoaplostachya* Cogn.
5101. Meliaceae: *Trichilia cipo* (A. Juss.) C. DC.
5102. Fabaceae: *Macrolobium angustifolium* (Benth.) R. S. Cowan
5103. Apocynaceae: *Malouetia* sp.
5104. Loranthaceae: *Phoradendron piperoides* (Kunth) Trel.
5105. Connaraceae: *Rourea surinamensis* Miq.
5106. Melastomataceae: *Miconia lasseri* Gleason
5107. Melastomataceae: *Miconia prasina* (Sw.) DC.
5108. Fabaceae: *Paloue guianensis* Aubl.
5109. Caryocaraceae: *Caryocar microcarpum* Ducke
5110. Fabaceae: *Hydrochorea corymbosa* (Rich.) Barneby & J. W. Grimes

5111. Melastomataceae: *Henriettea stellaris* O. Berg ex Triana
5112. Melastomataceae: *Mouriri grandiflora* DC.
5113. Fabaceae: *Macrolobium acaciifolium* Benth.
5114. Myrtaceae: *Myrcia inaequiloba* (DC.) D. Legrand
5115. Chrysobalanaceae: *Licania coriacea* Benth.
5116. Annonaceae: *Pseudoxandra lucida* R. E. Fr.
5117. Malpighiaceae: *Banisteriopsis lucida* (Rich.) Small
5118. Rubiaceae: *Palicourea crocea* (Sw.) Roem. & Schult.
5119. Rubiaceae: *Posoqueria panamensis* (Walp. & Duchass.) Walp.
5120. Gnetaceae: *Gnetum nodiflorum* Brongn.
5120a. Euphorbiaceae: *Amanoa guianensis* Aubl.
5121. Chrysobalanaceae: *Licania longistyla* (Hook. f.) Fritsch
5122. Fabaceae: *Pterocarpus santalinoides* L'Hér. ex DC.
5123. Sapotaceae: *Micropholis gardneriana* (A. DC.) Pierre
5124. Flacourtiaceae: Indet. sp.
5125. Rubiaceae: *Genipa spruceana* Steyerm.
5126. Euphorbiaceae: *Amanoa guianensis* Aubl.
5127. Clusiaceae: *Caraipa* sp.
5128. Sapotaceae: *Chrysophyllum* sp.
5129. Combretaceae: *Buchenavia viridiflora* Ducke
5130. Dioscoreaceae: *Dioscorea* sp.
5131. Euphorbiaceae: *Sagotia brachysepala* (Müll. Arg.) Secco
5132. Fabaceae: *Swartzia* sp. nov.
5133. Ebenaceae: *Diospyros guianensis* (Aubl.) Gürke
5134. Combretaceae: *Combretum laxum* Jacq.
5135. Chrysobalanaceae: *Licania sprucei* (Hook. f.) Fritsch
5136. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
5137. Sapotaceae: Indet. sp.
5138. Styracaceae: *Styrax guyanensis* A. DC.
5139. Bromeliaceae: *Aechmea tillandsioides* (Mart. ex Schult. & Schult. f.) Baker
5140. Araceae: *Anthurium gracile* (Rudge) Schott
5141. Araceae: *Anthurium clavigerum* Poepp. & Endl.
5142. Orchidaceae: *Koellensteinia graminea* (Lindl.) Rchb. f.
5143. Myrtaceae: *Eugenia tapacumensis* O. Berg
5144. Piperaceae: *Peperomia rotundifolia* (L.) Kunth
5145. Orchidaceae: *Pleurothallis* sp.
5146. Melastomataceae: *Clidemia japurensis* var. *heterobasis* (DC.) Wurdack
5147. Piperaceae: *Piper poiteanum* Kunth
5148. Asclepiadaceae: *Tassadia guianensis* Decne.
5149. Apocynaceae: *Mesechites* sp.
5150. Indet.: Indet. sp.
5151. Myrtaceae: *Calyptranthes* sp.
5152. Bromeliaceae: *Aechmea tillandsioides* (Mart. ex Schult. & Schult. f.) Baker
5153. Cucurbitaceae: *Gurania* sp.
5154. Clusiaceae: *Clusia myriandra* (Benth.) Planch. & Triana
5155. Myrtaceae: *Marlierea* sp.
5156. Myristicaceae: *Iryanthera juruensis* Warb.
5157. Rubiaceae: *Psychotria acuminata* Benth.
5158. Araceae: *Anthurium bakeri* Hook. f.
5159. Annonaceae: *Guatteria megalophylla* Diels
5160. Melastomataceae: *Miconia argyrophylla* ssp. *gracilis* Wurdack
5161. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.
5162. Araceae: *Anthurium friedrichsthalii* Schott
5163. Olacaceae: *Heisteria cauliflora* Sm.
5164. Adiantaceae: *Adiantum tomentosum* Klotzsch
5165. Cyatheaceae: *Cyathea delgadii* Pohl ex Sternb.
5166. Annonaceae: *Fusaea longifolia* (Aubl.) Saff.
5167. Violaceae: *Leonia glycycarpa* Ruiz & Pav.
5168. Hippocrateaceae: *Hippocratea volubilis* L.
5169. Lecythidaceae: *Lecythis corrugata* ssp. *corrugata* Poit.
5170. Fabaceae: *Ormosia* sp.
5171. Myrtaceae: *Myrcia subobliqua* (Benth.) Neidenzu
5172. Myrtaceae: *Psidium striatulum* DC.
5173. Melastomataceae: *Mouriri* sp.
5174. Chrysobalanaceae: *Licania intrapetiolaris* Spruce ex Hook. f.
5175. Fabaceae: *Machaerium* sp.
5176. Bignoniaceae: *Memora schomburgkii* (DC.) Miers
5177. Ochnaceae: *Ouratea fasciculata* Maguire & Steyerm.
5178. Sapotaceae: Indet. sp.
5179. Sapotaceae: *Chrysophyllum* sp.
5180. Fabaceae: *Zygia* sp.
5181. Chrysobalanaceae: *Licania leptostachya* Benth.
5182. Fabaceae: *Inga* sp.
5183. Menispermaceae: *Orthomene* sp.
5184. Passifloraceae: *Passiflora costata* Mast.
5185. Melastomataceae: *Miconia prasina* (Sw.) DC.
5186. Araceae: *Philodendron solimoesense* A. C. Sm.
5187. Lichen: Indet. sp.
5188. Lichen: Indet. sp.
5189. Lichen: Indet. sp.
5190. Lichen: Indet. sp.
5191. Graphidaceae: *Graphium* sp.
5192. Lichen: Indet. sp.
5193. Lichen: Indet. sp.
5194. Lichen: Indet. sp.
5195. Lichen: Indet. sp.
5196. Lichen: Indet. sp.
5197. Graphidaceae: *Graphium* sp.
5198. Polyporaceae: Indet. sp.
5199. Sapotaceae: *Pouteria cuspidata* (A. DC.) Baehni
5200. Rubiaceae: *Ixora ulei* K. Krause
5201. Rubiaceae: *Psychotria mapourioides* DC.
5202. Sapindaceae: *Matayba camptoneura* Radlk.
5203. Clusiaceae: *Vismia macrophylla* Kunth
5204. Flacourtiaceae: *Homalium guianense* (Aubl.) Oken
5205. Orchidaceae: *Prosthechea aemula* (Lindl.) W. E. Higgins
5206. Orchidaceae: *Sobralia macrophylla* Rchb. f.
5207. Cucurbitaceae: *Cayaponia selysioides* C. Jeffrey
5208. Polygalaceae: Indet. sp.

5209. Fabaceae: *Swartzia brachyrachis* var. *glabrata* R. S. Cowan
5210. Ericaceae: *Satyria panurensis* (Benth. ex Meisn.) Hook. f. ex Nied.
5211. Indet.: Indet. sp.
5212. Fabaceae: *Inga nobilis* Willd.
5213. Fabaceae: *Inga thibaudiana* DC.
5214. Malpighiaceae: *Byrsonima laevigata* (Poir.) DC.
5215. Fabaceae: *Inga nobilis* Willd.
5216. Sapindaceae: *Vouarana guianensis* Aubl.
5217. Chrysobalanaceae: Indet. sp.
5218. Sapotaceae: *Pouteria caimito* (Ruiz & Pav.) Radlk.
5219. Lecythidaceae: *Eschweilera pedicellata* (Rich.) S. A. Mori
5220. Bignoniaceae: *Melloa quadrivalvis* (Jacq.) A. H. Gentry
5221. Orchidaceae: *Solenidium lunatum* (Lindl.) Kraenzl.
5222. Aspleniaceae: *Asplenium auritum* Sw.
5223. Polypodiaceae: *Pleopeltis percussa* (Cav.) Hook. & Grev.
5224. Fabaceae: *Inga brachystachys* Ducke
5225. Araceae: *Philodendron linnaei* Kunth
5226. Clusiaceae: *Clusia amazonica* Planch. & Triana
5227. Polypodiaceae: *Polypodium caceresii* Sodiro
5228. Davalliaceae: *Nephrolepis rivularis* (Vahl) Mett. ex Krug
5229. Marcgraviaceae: *Marcgravia purpurea* I. W. Bailey
5230. Araceae: *Philodendron brevispathum* Schott
5231. Lichen: Indet. sp.
5232. Lomariopsidaceae: *Elaphoglossum luridum* (Fée) Christ
5233. Fabaceae: *Swartzia anomala* R. S. Cowan
5234. Dilleniaceae: *Doliocarpus macrocarpus* Mart. ex Eichler
5235. Araceae: *Philodendron pedatum* (Hook.) Kunth
5236. Sapindaceae: *Cupania hirsuta* Radlk.
5237. Clusiaceae: *Clusia schomburgkiana* (Planch. & Triana) Benth. ex Engl.
5238. Annonaceae: *Unonopsis stipitata* Diels
5239. Erythroxylaceae: *Erythroxylum mucronatum* Benth.
5240. Araceae: *Philodendron brevispathum* Schott
5241. Rubiaceae: *Palicourea guianensis* Aubl.
5242. Compositae: *Ichthyothere terminalis* (Spreng.) S. F. Blake
5243. Melastomataceae: *Miconia myriantha* Benth.
5244. Melastomataceae: *Clidemia urceolata* DC.
5245. Melastomataceae: *Miconia holosericea* (L.) DC.
5246. Rubiaceae: *Palicourea calophylla* DC.
5247. Euphorbiaceae: *Phyllanthus myrsinites* ssp. *myrsinites* Kunth
5248. Ochnaceae: *Ouratea spruceana* Engl.
5249. Melastomataceae: *Tococa nitens* (Benth.) Triana
5250. Orchidaceae: *Epistephium subrepens* Hoehne
5251. Orchidaceae: *Cleistes rosea* Lindl.
5252. Apocynaceae: *Odontadenia macrantha* (Roem. & Schult.) Markgr.
5253. Adiantaceae: *Adiantum latifolium* Lam.
5254. Sapotaceae: Indet. sp.
5255. Lauraceae: *Nectandra globosa* (Aubl.) Mez
5256. Annonaceae: *Annona hypoglauca* Mart.
5257. Melastomataceae: Indet. sp.
5258. Cyperaceae: *Rhynchospora amazonica* ssp. *amazonica* Poepp. & Kunth
5259. Melastomataceae: *Tococa subciliata* (DC.) Triana
5260. Myrtaceae: *Myrcia splendens* (Sw.) DC.
5261. Bromeliaceae: *Aechmea tillandsioides* (Mart. ex Schult. & Schult. f.) Baker
5262. Myrsinaceae: *Stylogyne* sp.
5263. Lecythidaceae: *Gustavia augusta* L.
5264. Loranthaceae: *Phoradendron crassifolium* (Pohl ex DC.) Eichler
5265. Sapindaceae: *Matayba macrostylis* Radlk.
5266. Simaroubaceae: *Simaba orinocensis* Kunth
5267. Chrysobalanaceae: *Licania leptostachya* Benth.
5268. Sapindaceae: *Cupania macrostylis* (Radlk.) Acev.-Rodr.
5269. Passifloraceae: *Passiflora vespertilio* L.
5270. Combretaceae: *Combretum rotundifolium* Rich.
5271. Boraginaceae: Indet. sp.
5272. Apocynaceae: *Mesechites trifida* (Jacq.) Müll. Arg.
5273. Violaceae: *Hybanthus oppositifolius* (L.) Taub.
5274. Compositae: *Lepidaploa gracilis* (Kunth) H. Rob.
5275. Cyperaceae: *Scleria microcarpa* Nees ex Kunth
5276. Poaceae: *Setaria parviflora* (Poir.) Kerguélen
5277. Rubiaceae: *Bothriospora corymbosa* (Benth.) Hook. f.
5278. Bignoniaceae: *Paragonia pyramidata* (Rich.) Bureau
5279. Balanophoraceae: *Helosis cayennensis* (Sw.) Spreng.
5280. Rubiaceae: *Psychotria lupulina* Benth.
5281. Euphorbiaceae: *Jablonskia congesta* (Benth. ex Müll. Arg.) G. L. Webster
5282. Myrtaceae: *Psidium striatulum* DC.
5283. Rubiaceae: *Bothriospora corymbosa* (Benth.) Hook. f.
5284. Poaceae: *Panicum stoloniferum* Poir.
5285. Compositae: *Xiphochaeta aquatica* Poepp.
5286. Melastomataceae: *Mouriri* sp.
5287. Myrtaceae: *Myrciaria dubia* (Kunth) McVaugh
5288. Poaceae: *Acroceras zizanioides* (Kunth) Dandy
5289. Cyperaceae: *Cyperus miliifolius* Poepp. & Kunth
5290. Rubiaceae: *Mitracarpus hirtus* (L.) DC.
5291. Euphorbiaceae: *Phyllanthus caroliniensis* Walter
5292. Lomariopsidaceae: *Lomariopsis japurensis* (Mart.) J. Sm.
5293. Quiinaceae: *Quiina cruegeriana* Griseb.
5294. Meliaceae: *Guarea silvatica* C. DC.
5295. Rubiaceae: *Psychotria deinocalyx* Sandwith
5296. Annonaceae: Indet. sp.
5297. Rubiaceae: *Hillia illustris* (Vell.) K. Schum.
5298. Orchidaceae: *Orleanesia amazonica* Barb. Rodr.
5299. Araceae: Indet. sp.
5300. Orchidaceae: Indet. sp.
5301. Annonaceae: *Cymbopetalum brasiliense* (Vell.) Benth. ex Baill.
5302. Piperaceae: *Piper bartlingianum* (Miq.) C. DC.

5303. Apocynaceae: *Bonafousia muelleriana* (Mart. ex Müll. Arg.) Boiteau & L. Allorge
5304. Fabaceae: *Hydrochorea corymbosa* (Rich.) Barneby & J. W. Grimes
5305. Loganiaceae: *Strychnos* sp.
5306. Aspleniaceae: *Asplenium auritum* Sw.
5307. Polypodiaceae: *Microgramma lycopodioides* (L.) Copel.
5307a. Polypodiaceae: *Microgramma baldwinii* Brade
5308. Compositae: *Piptocarpha triflora* (Aubl.) Benn. ex Baker
5309. Euphorbiaceae: *Discocarpus essequeboensis* Klotzsch
5310. Araceae: *Anthurium trinervium* Miq.
5311. Fabaceae: *Dialium guianense* (Aubl.) Sandwith
5312. Fabaceae: *Dioclea malacocarpa* Ducke
5313. Sapindaceae: *Paullinia tricornis* Radlk.
5314. Fabaceae: *Dialium guianense* (Aubl.) Sandwith
5315. Vitaceae: *Cissus erosa* Rich.
5316. Vitaceae: *Cissus* sp.
5317. Malpighiaceae: *Byrsonima arthropoda* A. Juss.
5318. Cecropiaceae: *Cecropia latiloba* Miq.
5319. Chrysobalanaceae: *Licania apetala* var. *apetala* (E. Mey.) Fritsch
5320. Polygalaceae: *Securidaca* sp.
5321. Fabaceae: *Vigna luteola* (Jacq.) Benth.
5322. Convolvulaceae: *Ipomoea* sp.
5323. Burseraceae: *Protium heptaphyllum* ssp. *heptaphyllum* (Aubl.) Marchand
5324. Bignoniaceae: *Adenocalymna inundatum* var. *surinamense* Bureau & K. Schum.
5325. Hippocrateaceae: *Cheiloclinium belizense* (Standl.) A. C. Sm.
5326. Myrtaceae: *Eugenia lambertiana* DC.
5327. Euphorbiaceae: *Alchornea schomburgkii* Klotzsch
5328. Sapindaceae: *Paullinia tricornis* Radlk.
5329. Malpighiaceae: *Tetrapterys mucronata* Cav.
5330. Sapotaceae: *Pouteria cuspidata* (A. DC.) Baehni
5331. Bignoniaceae: *Memora schomburgkii* (DC.) Miers
5332. Aspleniaceae: *Asplenium serratum* L.
5333. Solanaceae: *Schwenckia grandiflora* Benth.
5334. Solanaceae: *Solanum monachophyllum* Dunal
5335. Passifloraceae: *Passiflora vespertilio* L.
5336. Lamiaceae: *Hyptis parkeri* Benth.
5337. Rubiaceae: *Psychotria capitata* Ruiz & Pav.
5338. Vitaceae: Indet. sp.
5339. Onagraceae: *Ludwigia* sp.
5340. Indet.: Indet. sp.
5341. Rubiaceae: *Palicourea croceoides* Desv. ex Ham.
5342. Indet.: Indet. sp.
5343. Costaceae: *Costus arabicus* L.
5344. Lecythidaceae: Indet. sp.
5345. Sapindaceae: *Matayba camptoneura* Radlk.
5346. Menispermaceae: *Orthomene* sp.
5347. Sapotaceae: Indet. sp.
5348. Rubiaceae: *Genipa spruceana* Steyerm.
5349. Araceae: *Philodendron rudgeanum* Schott
5350. Theophrastaceae: *Clavija lancifolia* ssp. *chermontiana* (Standl.) B. Ståhl
5351. Hymenophyllaceae: *Trichomanes hostmannianum* (Klotzsch) Kunze
5352. Boraginaceae: *Cordia nodosa* Lam.
5353. Heliconiaceae: *Heliconia acuminata* A. Rich.
5354. Heliconiaceae: *Heliconia acuminata* A. Rich.
5355. Chrysobalanaceae: *Hirtella silicea* Griseb.
5356. Rubiaceae: *Faramea sessilifolia* (Kunth) DC.
5357. Solanaceae: *Solanum subinerme* Jacq.
5358. Solanaceae: *Solanum crinitum* Lam.
5359. Ochnaceae: *Ouratea riparia* Sleumer
5360. Apocynaceae: *Lacmellea* sp.
5361. Clusiaceae: *Caraipa* sp.
5362. Araceae: *Philodendron deflexum* Poepp. ex Schott
5363. Rubiaceae: *Psychotria deinocalyx* Sandwith
5364. Clusiaceae: *Lorostemon bombaciflorum* Ducke
5365. Violaceae: *Leonia glycycarpa* Ruiz & Pav.
5366. Cucurbitaceae: Indet. sp.
5367. Bromeliaceae: *Aechmea contracta* (Mart. ex Schult. f.) Baker
5368. Aspleniaceae: *Asplenium serratum* L.
5369. Vittariaceae: *Antrophyum guayanense* Hieron.
5370. Aspleniaceae: *Asplenium serratum* L.
5371. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
5372. Hippocrateaceae: *Tontelea mauritioides* (A. C. Sm.) A. C. Sm.
5373. Bignoniaceae: *Adenocalymna inundatum* var. *surinamense* Bureau & K. Schum.
5374. Annonaceae: *Duguetia quitarensis* Benth.
5375. Melastomataceae: *Miconia serrulata* (DC.) Naudin
5376. Polygonaceae: *Coccoloba* sp.
5377. Malpighiaceae: *Heteropterys macrostachya* A. Juss.
5378. Connaraceae: *Connarus coriaceus* G. Schellenb.
5379. Euphorbiaceae: Indet. sp.
5380. Clusiaceae: *Clusia flavida* (Benth.) Pipoly
5381. Asclepiadaceae: *Matelea stenopetala* Sandwith
5382. Sapotaceae: *Pouteria cuspidata* (A. DC.) Baehni
5383. Rubiaceae: *Faramea sessilifolia* (Kunth) DC.
5384. Melastomataceae: *Miconia lasseri* Gleason
5385. Melastomataceae: *Mouriri* sp.
5386. Sapotaceae: *Pouteria cuspidata* (A. DC.) Baehni
5387. Loganiaceae: *Strychnos* sp.
5388. Apocynaceae: *Malouetia* sp.
5389. Annonaceae: *Xylopia discreta* (L. f.) Spruce & Hutch.
5390. Cucurbitaceae: *Cayaponia cruegeri* (Naudin) Cogn.
5391. Passifloraceae: *Mitostemma glaziovii* Mast.
5392. Meliaceae: *Trichilia cipo* (A. Juss.) C. DC.
5393. Fabaceae: *Senna multijuga* (Rich.) H. S. Irwin & Barneby
5394. Indet.: Indet. sp.
5395. Fabaceae: *Acosmium nitens* (Vogel) Yakovlev
5396. Myrtaceae: *Calyptranthes fasciculata* O. Berg
5397. Fabaceae: *Swartzia katawa* R. S. Cowan

5398. Hippocrateaceae: *Cheiloclinium brevipetiolatum* Lombardi
5399. Malpighiaceae: *Tetrapterys mucronata* Cav.
5400. Lamiaceae: *Vitex compressa* Turcz.
5401. Araceae: *Anthurium friedrichsthalii* Schott
5402. Loganiaceae: *Strychnos* sp.
5403. Rubiaceae: *Psychotria acuminata* Benth.
5404. Fabaceae: *Calliandra surinamensis* Benth.
5405. Heliconiaceae: *Heliconia silvestris* (Gleason) L. B. Sm.
5406. Pteridaceae: *Pteris biaurita* L.
5407. Hippocrateaceae: Indet. sp.
5408. Connaraceae: Indet. sp.
5409. Myrsinaceae: *Cybianthus fulvopulverulentus* ssp. *fulvopulverulentus* (Mez) G. Agostini
5410. Rhamnaceae: *Gouania discolor* Benth.
5411. Rubiaceae: *Malanea obovata* Hochr.
5412. Marantaceae: *Monotagma laxum* (Poepp. & Endl.) K. Schum.
5413. Orchidaceae: *Maxillaria parkeri* Hook.
5414. Sapotaceae: Indet. sp.
5415. Orchidaceae: *Scuticaria steelei* (Hook.) Lindl.
5416a. Indet.: Indet. sp.
5416b. Verbenaceae: *Lippia origanoides* Kunth
5417. Melastomataceae: *Meriania urceolata* Triana
5418. Compositae: *Ichthyothere terminalis* (Spreng.) S. F. Blake
5419. Heliconiaceae: *Heliconia psittacorum* L. f.
5420. Fabaceae: *Chamaecrista roraimae* (Benth.) Gleason
5421. Poaceae: *Paspalum carinatum* Humb. & Bonpl. ex Flüggé
5422. Orchidaceae: *Habenaria* sp.
5423. Gentianaceae: *Irlbachia purpurascens* (Aubl.) Maas
5424. Compositae: *Trichogonia arguta* (Kunth) Benth. & Hook. f. ex Klatt
5425. Compositae: *Mikania psilostachya* DC.
5426. Aquifoliaceae: *Ilex jenmanii* Loes.
5427. Burseraceae: *Tetragastris hostmannii* (Engl.) Kuntze
5428. Polygonaceae: *Coccoloba striata* Benth.
5429. Loranthaceae: *Phthirusa stelis* (L.) Kuijt
5430. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
5431. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
5432. Malpighiaceae: *Byrsonima coccolobifolia* Kunth
5433. Gleicheniaceae: *Gleichenia longipinnata* Hook.
5434. Hymenophyllaceae: *Trichomanes hostmannianum* (Klotzsch) Kunze
5435. Clusiaceae: *Clusia schomburgkiana* (Planch. & Triana) Benth. ex Engl.
5436. Fabaceae: *Dioclea guianensis* Benth.
5437. Rubiaceae: *Amaioua corymbosa* H.B.K.
5438. Rubiaceae: *Psychotria capitata* Ruiz & Pav.
5439. Rubiaceae: *Faramea crassifolia* Benth.
5440. Rubiaceae: *Coccocypselum lanceolatum* (Ruiz & Pav.) Pers.
5441. Melastomataceae: *Macairea pachyphylla* Benth.
5442. Malpighiaceae: *Byrsonima coccolobifolia* Kunth
5443. Lauraceae: *Cassytha filiformis* L.
5444. Boraginaceae: *Cordia sericicalyx* DC.
5445. Clusiaceae: *Vismia cayennensis* (Jacq.) Pers.
5446. Anacardiaceae: *Tapirira guianensis* Aubl.
5447. Rubiaceae: *Genipa americana* L.
5448. Lamiaceae: *Aegiphila integrifolia* (Jacq.) B. D. Jacks.
5449. Chrysobalanaceae: *Hirtella paniculata* Sw.
5450. Apocynaceae: *Mandevilla leptophylla* (A. DC.) K. Schum.
5451. Fabaceae: *Desmodium adscendens* (Sw.) DC.
5452. Orchidaceae: *Habenaria trifida* Kunth
5453. Clusiaceae: *Vismia macrophylla* Kunth
5454. Malpighiaceae: *Banisteriopsis lucida* (Rich.) Small
5455. Malpighiaceae: *Tetrapterys styloptera* A. Juss.
5456. Myrtaceae: *Myrcia deflexa* (Poir.) DC.
5457. Iridaceae: *Sisyrinchium vaginatum* Spreng.
5458. Burseraceae: *Protium heptaphyllum* ssp. *heptaphyllum* (Aubl.) Marchand
5459. Lauraceae: *Nectandra globosa* (Aubl.) Mez
5460. Fabaceae: *Rhynchosia schomburgkii* Benth.
5461. Polygalaceae: *Securidaca divaricata* Nees & Mart.
5462. Polygalaceae: *Polygala* sp.
5463. Clusiaceae: *Clusia insignis* Mart.
5464. Compositae: *Piptocoma schomburgkii* (Sch. Bip.) Pruski
5465. Melastomataceae: *Miconia rubiginosa* (Bonpl.) DC.
5466. Solanaceae: *Solanum crinitum* Lam.
5467. Boraginaceae: *Cordia sericicalyx* DC.
5468. Melastomataceae: *Miconia holosericea* (L.) DC.
5469. Sapindaceae: *Matayba arborescens* (Aubl.) Radlk.
5470. Euphorbiaceae: *Sapium glandulosum* (L.) Morong
5471. Clusiaceae: *Calophyllum* sp.
5472. Rubiaceae: *Palicourea rigida* Kunth
5473. Cyperaceae: *Scleria bracteata* Cav.
5474. Poaceae: *Setaria tenax* (Rich.) Desv.
5475. Boraginaceae: *Tournefortia candidula* (Miers) I. M. Johnst.
5476. Burseraceae: Indet. sp.
5477. Poaceae: *Panicum olyroides* Kunth
5478. Lamiaceae: *Marsypianthes chamaedrys* (Vahl) Kuntze
5479. Compositae: *Riencourtia pedunculosa* (Rich.) Pruski
5480. Lythraceae: *Cuphea* sp.
5481. Compositae: *Wedelia calycina* Rich.
5482. Rubiaceae: *Amaioua corymbosa* H.B.K.
5483. Verbenaceae: *Stachytarpheta sprucei* Moldenke
5484. Adiantaceae: *Adiantum serratodentatum* Humb. & Bonpl. ex Willd.
5485. Erythroxylaceae: *Erythroxylum* sp.
5486. Orchidaceae: *Galeandra stylomisantha* (Vell.) Hoehne
5487. Oxalidaceae: *Oxalis frutescens* L.
5488. Fabaceae: *Chamaecrista fagonioides* (Vogel) H. S. Irwin & Barneby
5489. Rubiaceae: *Sipanea* sp.
5490. Cyperaceae: *Bulbostylis junciformis* (Kunth) C. B. Clarke

5491. Cyperaceae: *Scleria anceps* Liebm.
5492. Cyperaceae: *Cyperus aggregatus* (Willd.) Endl.
5493. Poaceae: *Axonopus canescens* (Nees ex Trin.) Pilg.
5494. Sterculiaceae: Indet. sp.
5495. Turneraceae: *Turnera* sp.
5496. Flacourtiaceae: *Banara guianensis* Aubl.
5497. Bonnetiaceae: *Archytaea triflora* Mart.
5498. Polygalaceae: Indet. sp.
5499. Malvaceae: *Peltaea speciosa* (Kunth) Standl.
5500. Amaryllidaceae: *Agave* sp.
5501. Myrtaceae: *Psidium salutare* (Kunth) O. Berg
5502. Myrtaceae: *Myrcia guianensis* (Aubl.) DC.
5503. Lauraceae: Indet. sp.
5504. Euphorbiaceae: *Croton matourensis* Aubl.
5505. Polygonaceae: *Coccoloba* sp.
5506. Convolvulaceae: *Jacquemontia* sp.
5507. Fabaceae: *Stylosanthes guianensis* var. *gracilis* (Kunth) Vogel
5508. Malvaceae: *Pavonia cancellata* (L.) Cav.
5509. Fabaceae: Indet. sp.
5510. Rubiaceae: *Sabicea velutina* Benth.
5511. Myrsinaceae: *Cybianthus fulvopulverulentus* ssp. *fulvopulverulentus* (Mez) G. Agostini
5512. Compositae: *Wulffia baccata* (L. f.) Kuntze
5513. Violaceae: *Rinorea macrocarpa* (Mart. ex Eichler) Kuntze
5514. Melastomataceae: *Clidemia pustulata* DC.
5515. Sapotaceae: Indet. sp.
5516. Rubiaceae: *Isertia parviflora* Vahl
5517. Myrtaceae: *Myrcia tomentosa* (Aubl.) DC.
5518. Rubiaceae: *Chiococca nitida* Benth.
5519. Melastomataceae: *Miconia macrothyrsa* Benth.
5520. Rubiaceae: *Coutarea hexandra* (Jacq.) K. Schum.
5521. Rubiaceae: *Isertia parviflora* Vahl
5522. Myrtaceae: *Psidium laruotteanum* Cambess.
5523. Fabaceae: *Chamaecrista roraimae* (Benth.) Gleason
5524. Gentianaceae: *Chelonanthus purpurascens* (Aubl.) Struwe et al.
5525. Fabaceae: *Chamaecrista nictitans* spp. *disadena* (Steud.) H. S. Irwin & Barneby
5526. Bombacaceae: *Pachira minor* (R. H. Sims) Hemsl.
5527. Compositae: *Trichogonia arguta* (Kunth) Benth. & Hook. f. ex Klatt
5528. Rubiaceae: *Coutarea hexandra* (Jacq.) K. Schum.
5529. Poaceae: *Ischaemum guianense* Kunth ex Hack.
5530. Rubiaceae: *Diodia apiculata* (Willd. ex Roem. & Schult.) K. Schum.
5531. Cyperaceae: *Bulbostylis conifera* (Kunth) C. B. Clarke
5532. Solanaceae: *Solanum asperum* Rich.
5533. Onagraceae: *Ludwigia nervosa* (Poir.) H. Hara
5534. Compositae: *Clibadium surinamense* L.
5535. Piperaceae: *Piper aduncum* L.
5536. Orchidaceae: *Cleistes rosea* Lindl.
5537. Cyperaceae: *Rhynchospora caracasana* (Kunth) Boeckeler
5538. Cyperaceae: *Scleria cyperina* Willd. ex Kunth
5539. Cyperaceae: *Bulbostylis junciformis* (Kunth) C. B. Clarke
5540. Melastomataceae: *Clidemia capitellata* (Bonpl.) D. Don
5541. Indet.: Indet. sp.
5542. Cecropiaceae: *Cecropia peltata* L.
5543. Compositae: *Austroeupatorium inulaefolium* (Kunth) R. M. King & H. Rob.
5544. Orchidaceae: *Koellensteinia* sp.
5545. Ochnaceae: *Cespedesia spathulata* (Ruiz & Pav.) Planch.
5546. Gesneriaceae: *Sinningia schomburgkiana* (Kunth & C. D. Bouché) Chautems
5547. Melastomataceae: *Miconia ciliata* (Rich.) DC.
5548. Loranthaceae: *Phthirusa stelis* (L.) Kuijt
5549. Adiantaceae: *Adiantopsis radiata* (L.) Fée
5550. Cyperaceae: *Rhynchospora steyermarkii* T. Koyama
5551. Flacourtiaceae: *Ryania speciosa* var. *tomentosa* (Miq.) Monach.
5552. Myrsinaceae: *Cybianthus surinamensis* (Spreng.) G. Agostini
5553. Rubiaceae: *Chiococca alba* (L.) Hitchc.
5554. Melastomataceae: *Clidemia hirta* (L.) D. Don
5555. Rubiaceae: *Palicourea croceoides* Desv. ex Ham.
5556. Rubiaceae: *Morinda tenuiflora* (Benth.) Steyerm.
5557. Rubiaceae: *Psychotria capitata* Ruiz & Pav.
5558. Boraginaceae: *Cordia nodosa* Lam.
5559. Rubiaceae: *Psychotria bracteocardia* (DC.) Müll. Arg.
5560. Passifloraceae: *Passiflora ascidia* Feuillet
5561. Zingiberaceae: *Renealmia alpinia* (Rottb.) Maas
5562. Melastomataceae: *Clidemia sericea* D. Don
5563. Rubiaceae: *Declieuxia fruticosa* (Willd. ex Roem. & Schult.) Kuntze
5564. Compositae: *Conyza bonariensis* (L.) Cronquist
5565. Orchidaceae: *Catasetum* sp.
5566. Cyperaceae: *Scleria bracteata* Cav.
5567. Symplocaceae: *Symplocos schomburgkii* Klotzsch ex Brand
5568. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
5569. Myrtaceae: *Myrcia sylvatica* (G. Mey.) DC.
5570. Ericaceae: Indet. sp.
5571. Ericaceae: *Bejaria sprucei* Meisn.
5572. Verbenaceae: *Lantana canescens* Kunth
5573. Rubiaceae: *Borreria* sp.
5574. Fabaceae: *Mimosa surumuensis* Harms
5575. Compositae: *Achyrocline vargasiana* DC.
5576. Oxalidaceae: *Oxalis frutescens* L.
5577. Polygalaceae: Indet. sp.
5578. Compositae: *Chaptalia integerrima* (Vell.) Burkart
5579. Apocynaceae: *Mandevilla leptophylla* (A. DC.) K. Schum.
5580. Orchidaceae: *Liparis jamaicensis* Lindl. ex Griseb.
5581. Dilleniaceae: *Davilla kunthii* A. St.-Hil.
5582. Compositae: *Calea solidaginea* ssp. *deltophylla* (R. S. Cowan) Pruski

5583. Zygophyllaceae: Indet. sp.
5584. Compositae: *Gochnatia oligocephala* (Gardner) Cabrera
5585. Lamiaceae: *Hyptidendron arboreum* (Benth.) Harley
5586. Ericaceae: *Bejaria sprucei* Meisn.
5587. Boraginaceae: *Cordia polycephala* (Lam.) I. M. Johnst.
5588. Melastomataceae: *Miconia argyrophylla* DC.
5589. Melastomataceae: *Miconia albicans* (Sw.) Triana
5590. Poaceae: *Lasiacis sorghoidea* (Desv. ex Ham.) Hitchc. & Chase
5591. Lauraceae: Indet. sp.
5592. Poaceae: *Ichnanthus calvescens* (Nees ex Trin.) Döll
5593. Rubiaceae: *Psychotria vellosiana* Benth.
5594. Melastomataceae: *Clidemia rubra* (Aubl.) Mart.
5595. Verbenaceae: *Lantana radula* Sw.
5596. Compositae: *Wulffia baccata* (L. f.) Kuntze
5597. Rubiaceae: *Coccocypselum lanceolatum* (Ruiz & Pav.) Pers.
5598. Solanaceae: *Solanum* sp.
5599. Cyperaceae: *Scleria latifolia* Sw.
5600. Poaceae: Indet. sp.
5601. Rubiaceae: *Psychotria deflexa* DC.
5602. Indet.: Indet. sp.
5603. Piperaceae: *Piper ovatum* Vahl
5604. Cyperaceae: *Carex* sp.
5605. Fabaceae: *Inga* sp.
5606. Polypodiaceae: *Neurodium repandum* (A. R. Sm.)
5607. Polypodiaceae: *Polypodium triseriale* Sw.
5608. Cyperaceae: *Scleria secans* (L.) Urb.
5609. Polypodiaceae: *Niphidium crassifolium* (L.) Lellinger
5610. Polypodiaceae: *Pecluma plumula* (Humb. & Bonpl. ex Willd.) M. G. Price
5610a. Polypodiaceae: *Polypodium panorense* C. Chr.
5611. Polypodiaceae: *Neurodium repandum* (A. R. Sm.)
5612. Polypodiaceae: *Pleopeltis astrolepis* (Liebm.) E. Fourn.
5613. Polypodiaceae: *Polypodium bombycinum* Maxon
5614. Orchidaceae: *Isochilus linearis* (Jacq.) R. Br.
5615. Polypodiaceae: *Dicranoglossum desvauxii* (Klotzsch) Proctor
5616. Vittariaceae: *Vittaria remota* Fée
5617. Heliconiaceae: *Heliconia* sp.
5618. Polygalaceae: *Polygala spectabilis* DC.
5619. Lythraceae: *Cuphea antisyphilitica* Kunth
5620. Orchidaceae: *Epidendrum secundum* Jacq.
5621. Symplocaceae: *Symplocos* sp.
5622. Melastomataceae: *Tibouchina aspera* Aubl.
5623. Myrtaceae: *Myrcia guianensis* (Aubl.) DC.
5624. Triuridaceae: *Sciaphila albescens* Benth.
5625. Burmanniaceae: *Gymnosiphon divaricatus* (Benth.) Benth. & Hook. f.
5626. Gentianaceae: *Voyria flavescens* Griseb.
5627. Anacardiaceae: Indet. sp.
5628. Polygalaceae: *Polygala* sp.
5629. Gesneriaceae: *Sinningia incarnata* (Aubl.) D. L. Denham
5630. Schizaeaceae: *Anemia oblongifolia* (Cav.) Sw.
5631. Asclepiadaceae: *Matelea* sp.
5632. Boraginaceae: *Cordia* sp.
5633. Fabaceae: *Chamaecrista roraimae* (Benth.) Gleason
5634. Melastomataceae: *Miconia phaeophylla* Triana
5635. Poaceae: *Eriochrysis cayennensis* P. Beauv.
5636. Melastomataceae: *Miconia rubiginosa* (Bonpl.) DC.
5637. Rubiaceae: *Maguireothamnus* sp.
5638. Rubiaceae: *Diodella apiculata* (Willd. ex Roem. & Schult.) Delprete
5639. Flacourtiaceae: *Casearia grandiflora* Cambess.
5640. Schizaeaceae: *Anemia flexuosa* (Savigny) Sw.
5641. Poaceae: *Andropogon bicornis* L.
5642. Poaceae: *Ichnanthus calvescens* (Nees ex Trin.) Döll
5643. Myrtaceae: *Myrcia sylvatica* (G. Mey.) DC.
5644. Lacistemataceae: *Lacistema polystachyum* Schnizl.
5645. Poaceae: *Thrasya robusta* Hitchc. & Chase
5646. Poaceae: *Setaria parviflora* (Poir.) Kerguélen
5647. Poaceae: *Axonopus anceps* (Mez) Hitchc.
5648. Orchidaceae: *Brassia* sp.
5649. Rubiaceae: *Chiococca nitida* Benth.
5650. Erythroxylaceae: *Erythroxylum* sp.
5651. Orchidaceae: *Epidendrum* sp.
5652. Lentibulariaceae: *Utricularia calycifida* Benj.
5653. Boraginaceae: *Euploca ternata* (Vahl) J. I. M. Melo & Semir
5654. Poaceae: *Arundinella hispida* (Humb. & Bonpl. ex Willd.) Kuntze
5655. Melastomataceae: *Miconia stenostachya* DC.
5656. Cladoniaceae: *Cladonia* sp.
5657. Cladoniaceae: *Cladonia* sp.
5658. Piperaceae: *Peperomia blanda* (Jacq.) Kunth
5659. Orchidaceae: *Habenaria* sp.
5660. Orchidaceae: *Oncidium orthostates* Ridl. ex Thurn
5661. Lamiaceae: *Marsypianthes chamaedrys* (Vahl) Kuntze
5662. Poaceae: *Schizachyrium sanguineum* (Retz.) Alston
5663. Poaceae: *Panicum cyanescens* Nees ex Trin.
5664. Compositae: *Calea solidaginea* ssp. *deltophylla* (R. S. Cowan) Pruski
5665. Bromeliaceae: *Brocchinia hechtioides* Mez
5666. Xyridaceae: *Xyris fallax* Malme
5667. Melastomataceae: *Marcetia taxifolia* (A. St.-Hil.) DC.
5668. Orchidaceae: *Brassia* sp.
5669. Orchidaceae: *Oncidium orthostates* Ridl. ex Thurn
5670. Gnetaceae: *Gnetum camporum* (Markgr.) D. W. Stev. & T. Zanoni
5671. Clusiaceae: *Clusia* sp. nov.
5672. Cyperaceae: *Fuirena umbellata* Rottb.
5673. Lamiaceae: Indet. sp.
5674. Cyperaceae: *Rhynchospora velutina* (Kunth) Boeckeler
5675. Rubiaceae: *Rudgea hostmanniana* Benth.
5676. Rubiaceae: *Psychotria capitata* Ruiz & Pav.
5677. Compositae: *Calea oliveri* B. L. Rob. & Greenm.
5678. Rubiaceae: *Psychotria mapourioides* DC.
5679. Clusiaceae: *Clusia melchiori* Gleason

5680. Clusiaceae: *Clusia nemorosa* G. Mey.
5681. Poaceae: *Andropogon* sp.
5682. Myrtaceae: *Myrcia fallax* (Rich.) DC.
5683. Clusiaceae: *Vismia* sp.
5684. Rubiaceae: *Psychotria phaneroloma* Standl. & Steyerm.
5685. Orchidaceae: *Sacoila hassleri* (Cogn.) Garay
5686. Orchidaceae: *Epidendrum secundum* Jacq.
5687. Clusiaceae: Indet. sp.
5688. Malvaceae: Indet. sp.
5689. Melastomataceae: *Clidemia hirta* (L.) D. Don
5690. Boraginaceae: *Cordia polycephala* (Lam.) I. M. Johnst.
5691. Orchidaceae: *Bletia* sp.
5692. Compositae: *Orthopappus angustifolius* (Sw.) Gleason
5693. Asclepiadaceae: *Matelea stenopetala* Sandwith
5694. Lythraceae: *Cuphea bolivariensis* Lourteig
5695. Orchidaceae: *Habenaria* sp.
5696. Orchidaceae: *Sobralia stenophylla* Lindl.
5697. Cyperaceae: *Hypolytrum pulchrum* (Rudge) H. Pfeiff.
5698. Humiriaceae: *Humiria balsamifera* Aubl.
5699. Loganiaceae: *Bonyunia minor* N. E. Br.
5700. Melastomataceae: *Miconia trimera* Wurdack
5701. Celastraceae: *Maytenus ficiformis* Reissek
5702. Violaceae: *Rinorea macrocarpa* (Mart. ex Eichler) Kuntze
5703. Polygonaceae: *Coccoloba schomburgkii* Meisn.
5704. Malpighiaceae: Indet. sp.
5705. Rubiaceae: *Psychotria iodotricha* Müll. Arg.
5706. Indet.: Indet. sp.
5707. Burseraceae: *Protium guianense* (Aubl.) Marchand
5708. Theophrastaceae: Indet. sp.
5709. Indet.: Indet. sp.
5710. Verbenaceae: *Lantana brasiliensis* Link
5711. Rubiaceae: *Faramea sessilifolia* (Kunth) DC.
5712. Melastomataceae: *Clidemia ostentata* Wurdack
5713. Hippocrateaceae: *Cheiloclinium cognatum* (Miers) A. C. Sm.
5714. Thelypteridaceae: *Thelypteris linkiana* (C. Chr.) C. V. Morton
5715. Adiantaceae: *Adiantum obliquum* Willd.
5716. Adiantaceae: *Adiantum glaucescens* Klotzsch
5717. Thelypteridaceae: *Thelypteris pennata* (Poir.) C. V. Morton
5718. Adiantaceae: *Adiantum cajennense* Willd. ex Klotzsch
5719. Adiantaceae: *Adiantopsis radiata* (L.) Fée
5720. Tectariaceae: *Triplophyllum funestum* (Kunze) Holttum
5721. Adiantaceae: *Adiantopsis radiata* (L.) Fée
5722. Blechnaceae: *Blechnum gracile* Kaulf.
5723. Dryopteridaceae: *Cyclodium inerme* (Fée) A. R. Sm.
5724. Aspleniaceae: *Asplenium serratum* L.
5725. Orchidaceae: *Pelexia callifera* (C. Schweinf.) Garay
5726. Fabaceae: *Peltogyne paniculata* ssp. *pubescens* (Benth.) M. F. Silva
5727. Clusiaceae: *Clusia palmicida* Rich.
5728. Loranthaceae: *Phoradendron strongyloclados* Eichler
5729. Gentianaceae: *Voyria caerulea* Aubl.
5730. Sapotaceae: *Pouteria venosa* ssp. *amazonica* T. D. Penn.
5731. Rubiaceae: *Psychotria anceps* Kunth
5732. Rubiaceae: *Chiococca nitida* var. *amazonica* Müll. Arg.
5733. Clusiaceae: *Mahurea exstipulata* Benth.
5734. Rutaceae: Indet. sp.
5735. Melastomataceae: *Henriettea maroniensis* Sagot
5736. Rubiaceae: *Isertia parviflora* Vahl
5737. Dilleniaceae: *Doliocarpus major* ssp. *major* J. F. Gmel.
5738. Rubiaceae: *Psychotria capitata* Ruiz & Pav.
5739. Erythroxylaceae: *Erythroxylum* sp.
5740. Indet.: Indet. sp.
5741. Indet.: Indet. sp.
5742. Indet.: Indet. sp.
5743. Lichen: Indet. sp.
5744. Poaceae: *Pharus lappulaceus* Aubl.
5745. Melastomataceae: *Miconia holosericea* (L.) DC.
5746. Burseraceae: *Tetragastris hostmannii* (Engl.) Kuntze
5747. Burseraceae: *Protium heptaphyllum* ssp. *heptaphyllum* (Aubl.) Marchand
5748. Myrsinaceae: Indet. sp.
5749. Rubiaceae: *Psychotria bracteocardia* (DC.) Müll. Arg.
5750. Orchidaceae: *Polystachya concreta* (Jacq.) Garay & H. R. Sweet
5751. Euphorbiaceae: *Croton matourensis* Aubl.
5752. Compositae: *Calea oliveri* B. L. Rob. & Greenm.
5753. Smilacaceae: *Smilax* sp.
5754. Elaeocarpaceae: *Sloanea* sp.
5755. Apocynaceae: *Himatanthus fallax* (Müll. Arg.) Plumel
5756. Fabaceae: *Senna latifolia* (G. Mey.) H. S. Irwin & Barneby
5757. Melastomataceae: *Miconia prasina* (Sw.) DC.
5758. Euphorbiaceae: *Croton matourensis* Aubl.
5759. Melastomataceae: *Miconia argyrophylla* DC.
5760. Euphorbiaceae: *Mabea montana* Müll. Arg.
5761. Celastraceae: *Maytenus ficiformis* Reissek
5762. Lamiaceae: *Hyptidendron arboreum* (Benth.) Harley
5763. Solanaceae: *Solanum asperum* Rich.
5764. Poaceae: *Panicum cyanescens* Nees ex Trin.
5765. Rubiaceae: *Alibertia myrciifolia* Spruce ex K. Schum.
5766. Loranthaceae: *Cladocolea micrantha* (Eichler) Kuijt
5767. Dilleniaceae: *Doliocarpus spraguei* Cheesman
5768. Compositae: *Mikania psilostachya* DC.
5769. Fabaceae: *Rhynchosia schomburgkii* Benth.
5770. Myrsinaceae: *Cybianthus prieurii* A. DC.
5771. Bromeliaceae: *Tillandsia bulbosa* Hook.
5772. Thelypteridaceae: *Thelypteris abrupta* (Desv.) Proctor
5773. Sapotaceae: *Manilkara bidentata* ssp. *surinamensis* (Miq.) T. D. Penn.
5774. Myrtaceae: *Eugenia pseudopsidium* Jacq.
5775. Eriocaulaceae: *Comanthera jenmanii* (Gleason) L. R. Parra & Giul.
5776. Adiantaceae: *Adiantum glaucescens* Klotzsch

5777. Bromeliaceae: *Tillandsia anceps* G. Lodd.
5778. Cyatheaceae: *Cyathea surinamensis* (Miq.) Domin
5779. Thelypteridaceae: *Thelypteris glandulosa* (Desv.) Proctor
5780. Melastomataceae: *Clidemia sericea* D. Don
5781. Orchidaceae: *Galeandra stylomisantha* (Vell.) Hoehne
5782. Rubiaceae: *Psychotria cardiomorpha* C. M. Taylor & A. Pool
5783. Melastomataceae: *Meriania urceolata* Triana
5784. Rubiaceae: *Declieuxia fruticosa* (Willd. ex Roem. & Schult.) Kuntze
5785. Cyperaceae: *Scleria secans* (L.) Urb.
5786. Poaceae: *Axonopus canescens* (Nees ex Trin.) Pilg.
5787. Poaceae: *Trachypogon spicatus* (L. f.) Kuntze
5787a. Poaceae: *Paspalum gardnerianum* Nees
5788. Aquifoliaceae: *Ilex jenmanii* Loes.
5789. Aquifoliaceae: *Ilex jenmanii* Loes.
5790. Piperaceae: *Peperomia* sp.
5791. Euphorbiaceae: *Pausandra* sp.
5792. Melastomataceae: *Leandra micropetala* (Naudin) Cogn.
5793. Myrsinaceae: *Cybianthus pakaraimae* Pipoly
5794. Gesneriaceae: *Kohleria hirsuta* var. *hirsuta* (Kunth) Regel
5795. Piperaceae: *Piper pseudoglabrescens* Trel. & Yunck.
5796. Poaceae: *Olyra latifolia* L.
5797. Lomariopsidaceae: *Bolbitis semipinnatifida* (Fée) Alston
5798. Aspleniaceae: *Asplenium serratum* L.
5799. Polypodiaceae: *Pecluma plumula* (Humb. & Bonpl. ex Willd.) M. G. Price
5800. Tectariaceae: *Ctenitis falciculata* (Raddi) Ching
5801. Polypodiaceae: *Pecluma consimilis* var. *consimilis* (Mett.) Price
5802. Adiantaceae: *Adiantum tetraphyllum* Humb. & Bonpl. ex Willd.
5803. Indet.: Indet. sp.
5804. Indet.: Indet. sp.
5805. Lichen: Indet. sp.
5806. Lichen: Indet. sp.
5807. Indet.: Indet. sp.
5808. Polypodiaceae: *Neurodium repandum* (A. R. Sm.)
5809. Polypodiaceae: *Campyloneurum angustifolium* (Sw.) Fée
5810. Polypodiaceae: *Pecluma plumula* (Humb. & Bonpl. ex Willd.) M. G. Price
5811. Indet.: Indet. sp.
5812. Tectariaceae: *Ctenitis paranaensis* (C. Chr.) Sehnem
5813. Cyatheaceae: *Cyathea surinamensis* (Miq.) Domin
5814. Piperaceae: *Piper aequale* Vahl
5815. Orchidaceae: *Phragmipedium klotzschianum* (Rchb. f.) Rolfe
5816. Lentibulariaceae: *Genlisea filiformis* A. St.-Hil.
5817. Rubiaceae: *Faramea crassifolia* Benth.
5818. Malpighiaceae: *Byrsonima verbascifolia* (L.) DC.
5819. Poaceae: *Aristida torta* (Nees) Kunth
5820. Poaceae: *Mesosetum loliiforme* (Hochst. ex Steud.) Chase
5821. Indet.: Indet. sp.
5822. Poaceae: *Echinolaena inflexa* (Poir.) Chase
5823. Poaceae: *Setaria parviflora* (Poir.) Kerguélen
5824. Zingiberaceae: *Renealmia alpinia* (Rottb.) Maas
5825. Heliconiaceae: *Heliconia bihai* (L.) L.
5826. Heliconiaceae: *Heliconia pendula* Wawra
5827. Campanulaceae: *Centropogon cornutus* (L.) Druce
5828. Verbenaceae: *Petrea macrostachya* Benth.
5829. Solanaceae: *Physalis pubescens* L.
5830. Poaceae: *Paspalum coryphaeum* Trin.
5831. Fabaceae: *Senna latifolia* (G. Mey.) H. S. Irwin & Barneby
5832. Fabaceae: *Calliandra surinamensis* Benth.
5833. Polygalaceae: *Polygala violacea* Aubl.
5834. Violaceae: *Rinorea macrocarpa* (Mart. ex Eichler) Kuntze
5835. Euphorbiaceae: *Pausandra martinii* Baill.
5836. Anacardiaceae: *Tapirira guianensis* Aubl.
5837. Poaceae: *Andropogon leucostachyus* Kunth
5838. Poaceae: *Paspalum carinatum* Humb. & Bonpl. ex Flüggé
5839. Poaceae: *Sorghastrum setosum* (Griseb.) Hitchc.
5840. Poaceae: *Arundinella hispida* (Humb. & Bonpl. ex Willd.) Kuntze
5841. Poaceae: *Andropogon selloanus* (Hack.) Hack.
5842. Poaceae: *Paspalum plicatulum* Michx.
5843. Poaceae: *Andropogon leucostachyus* Kunth
5844. Poaceae: *Thrasya petrosa* (Trin.) Chase
5845. Poaceae: *Thrasya petrosa* (Trin.) Chase
5845a. Poaceae: *Paspalum pilosum* Lam.
5846. Poaceae: *Panicum rivale* Swallen
5847. Cyperaceae: *Rhynchospora trichochaeta* C. B. Clarke
5848. Schizaeaceae: *Anemia ferruginea* Kunth
5849. Clusiaceae: *Clusia grandiflora* Splitg.
5850. Hippocrateaceae: *Tontelea mauritioides* (A. C. Sm.) A. C. Sm.
5851. Dilleniaceae: *Doliocarpus guianensis* (Aubl.) Gilg
5852. Loganiaceae: *Strychnos* sp.
5853. Euphorbiaceae: *Aparisthmium cordatum* (A. Juss.) Baill.
5854. Lamiaceae: *Aegiphila integrifolia* (Jacq.) B. D. Jacks.
5855. Orchidaceae: *Brassavola angustata* Lindl.
5856. Fabaceae: *Stylosanthes guianensis* var. *gracilis* (Kunth) Vogel
5857. Proteaceae: *Panopsis sessilifolia* (Rich.) Sandwith
5858. Fabaceae: *Mora excelsa* Benth.
5859. Fabaceae: *Chamaecrista diphylla* (L.) Greene
5860. Euphorbiaceae: *Phyllanthus stipulatus* (Raf.) G. L. Webster
5861. Euphorbiaceae: *Aparisthmium* sp.
5862. Chrysobalanaceae: *Hirtella racemosa* Lam.
5863. Solanaceae: *Solanum subinerme* Jacq.
5864. Iridaceae: Indet. sp.
5865. Sterculiaceae: Indet. sp.

5866. Fabaceae: *Centrosema angustifolium* (Kunth) Benth.
5867. Fabaceae: *Pentaclethra macroloba* (Willd.) Kuntze
5868. Melastomataceae: *Miconia brevipes* Benth.
5869. Malpighiaceae: *Banisteriopsis lucida* (Rich.) Small
5870. Myrtaceae: *Eugenia latifolia* Aubl.
5871. Melastomataceae: *Miconia tomentosa* (Rich.) D. Don ex DC.
5872. Fabaceae: *Macrolobium bifolium* (Aubl.) Pers.
5873. Myristicaceae: *Virola sebifera* Aubl.
5874. Melastomataceae: *Henriettea ramiflora* (Sw.) DC.
5875. Euphorbiaceae: *Amanoa guianensis* Aubl.
5876. Monimiaceae: *Siparuna guianensis* Aubl.
5877. Annonaceae: *Xylopia aromatica* (Lam.) Mart.
5878. Lamiaceae: *Amasonia campestris* (Aubl.) Moldenke
5879. Fabaceae: Indet. sp.
5880. Melastomataceae: *Miconia rubiginosa* (Bonpl.) DC.
5881. Clusiaceae: *Vismia glaziovii* Ruhland
5882. Clusiaceae: *Clusia insignis* Mart.
5883. Euphorbiaceae: *Pera schomburgkiana* (Klotzsch) Müll. Arg.
5884. Clusiaceae: *Mahurea exstipulata* Benth.
5885. Liliaceae: *Nietneria paniculata* Steyerm.
5886. Melastomataceae: *Siphanthera cordifolia* (Benth.) Gleason
5887. Polygalaceae: *Polygala adenophora* DC.
5888. Ochnaceae: *Sauvagesia sprengelii* A. St.-Hil.
5889. Burmanniaceae: *Burmannia bicolor* Mart.
5890. Droseraceae: *Drosera roraimae* (Klotzsch ex Diels) Maguire & J. R. Laundon
5891. Orchidaceae: *Koellensteinia* sp.
5892. Hymenophyllaceae: *Trichomanes hostmannianum* (Klotzsch) Kunze
5893. Schizaeaceae: *Anemia oblongifolia* (Cav.) Sw.
5894. Schizaeaceae: *Anemia millefolia* (Gardner) C. Presl
5895. Dennstaedtiaceae: *Lindsaea stricta* var. *parvula* (Fée) K. U. Kramer
5896. Indet.: Indet. sp.
5897. Asclepiadaceae: *Matelea stenopetala* Sandwith
5898. Asclepiadaceae: *Matelea stenopetala* Sandwith
5899. Proteaceae: *Panopsis sessilifolia* (Rich.) Sandwith
5900. Chrysobalanaceae: *Exellodendron barbatum* (Ducke) Prance
5901. Asclepiadaceae: *Matelea stenopetala* Sandwith
5902. Chrysobalanaceae: *Hirtella paniculata* Sw.
5903. Cyperaceae: *Rhynchospora cephalotes* (L.) Vahl
5904. Compositae: *Piptocoma schomburgkii* (Sch. Bip.) Pruski
5905. Acanthaceae: *Justicia guianensis* (N. E. Br.) Wassh.
5906. Bignoniaceae: *Martinella obovata* (Kunth) Bureau & K. Schum.
5907. Myrtaceae: *Eugenia anastomosans* DC.
5908. Hippocrateaceae: *Cheiloclinium hippocrateoides* (Peyr.) A. C. Sm.
5909. Fabaceae: *Inga* sp.
5910. Rubiaceae: *Palicourea longiflora* (Aubl.) A. Rich.
5911. Hippocrateaceae: *Peritassa laevigata* (Hoffmanns. ex Link) A. C. Sm.
5912. Hippocrateaceae: Indet. sp.
5913. Rubiaceae: *Psychotria irwinii* Steyerm.
5914. Fabaceae: *Senna* sp.
5915. Malpighiaceae: *Banisteriopsis lucida* (Rich.) Small
5916. Araceae: *Rhodospatha venosa* Gleason
5917. Cyperaceae: *Hypolytrum longifolium* (Rich.) Nees
5918. Schizaeaceae: *Lygodium volubile* Sw.
5919. Polygalaceae: *Securidaca paniculata* var. *lasiocarpa* Oort
5920. Cyperaceae: *Hypolytrum longifolium* ssp. *rubescens* (Huber ex C. B. Clarke) T. Koyama
5921. Dennstaedtiaceae: *Lindsaea guianensis* ssp. *guianensis* (Aubl.) Dryand.
5922. Rapateaceae: *Rapatea paludosa* Aubl.
5923. Clusiaceae: *Clusia brachystyla* Maguire
5924. Melastomataceae: *Miconia marginata* Triana
5925. Melastomataceae: *Miconia rugosa* Triana
5926. Melastomataceae: *Miconia marginata* Triana
5927. Melastomataceae: *Clidemia epibaterium* DC.
5928. Clusiaceae: *Clusia schomburgkiana* (Planch. & Triana) Benth. ex Engl.
5929. Clusiaceae: *Clusia scrobiculata* Benoist
5930. Clusiaceae: *Clusia myriandra* (Benth.) Planch. & Triana
5931. Orchidaceae: *Epistephium subrepens* Hoehne
5931a. Orchidaceae: *Epistephium* sp.
5932. Ericaceae: *Vaccinium euryanthum* A. C. Sm.
5933. Rutaceae: *Raveniopsis ruellioides* (Oliv.) R. S. Cowan
5934. Fabaceae: *Taralea oppositifolia* Aubl.
5935. Rubiaceae: *Retiniphyllum scabrum* Benth.
5936. Orchidaceae: *Epistephium* sp.
5937. Melastomataceae: *Macairea pachyphylla* Benth.
5938. Gentianaceae: *Irlbachia caerulescens* (Aubl.) Griseb.
5939. Loranthaceae: *Psittacanthus leptanthus* A. C. Sm.
5940. Xyridaceae: *Xyris uleana* var. *uleana* Malme
5941. Xyridaceae: *Xyris savanensis* Miq.
5942. Ericaceae: *Sphyrospermum cordifolium* Benth.
5943. Orchidaceae: *Maxillaria* sp.
5944. Cyperaceae: *Scleria macrogyne* C. B. Clarke
5945. Burmanniaceae: *Burmannia bicolor* Mart.
5946. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
5947. Xyridaceae: *Xyris savanensis* Miq.
5947a. Melastomataceae: *Tococa nitens* (Benth.) Triana
5948. Rubiaceae: *Perama galioides*
5949. Melastomataceae: *Clidemia urceolata* DC.
5950. Bonnetiaceae: *Archytaea triflora* Mart.
5951. Poaceae: *Ichnanthus calvescens* (Nees ex Trin.) Döll
5952. Lentibulariaceae: *Utricularia hispida* Lam.
5953. Polygalaceae: *Polygala adenophora* DC.
5954. Rapateaceae: *Saxo-fridericia regalis* R. H. Schomb.
5955. Malpighiaceae: *Tetrapterys fimbripetala* A. Juss.
5956. Rubiaceae: *Psychotria erecta* (Aubl.) Standl. & Steyerm.

5957. Lamiaceae: *Amasonia campestris* (Aubl.) Moldenke
5958. Fabaceae: *Dicymbe fraterna* R. S. Cowan
5959. Clusiaceae: *Clusia grandiflora* Splitg.
5960. Solanaceae: *Physalis pubescens* L.
5961. Clusiaceae: *Clusia columnaris* Engl.
5962. Malpighiaceae: *Banisteriopsis martiniana* var. *martiniana* (A. Juss.) Cuatrec.
5963. Cyperaceae: *Didymiandrum stellatum* (Boeckeler) Gilly
5964. Orchidaceae: *Sobralia suaveolens* Rchb. f.
5965. Dennstaedtiaceae: *Lindsaea schomburgkii* Klotzsch
5966. Compositae: *Piptocoma roraimensis* (Steyerm.) Pruski
5967. Araceae: *Anthurium gracile* (Rudge) Schott
5968. Rubiaceae: *Psychotria hemicephaelis* Wernham
5969. Fabaceae: *Clitoria* sp.
5970. Chrysobalanaceae: *Hirtella racemosa* var. *racemosa* Lam.
5971. Fabaceae: *Abarema barbouriana* (Standl.) Barneby & J. W. Grimes
5972. Rubiaceae: *Perama dichotoma* Poepp.
5973. Melastomataceae: *Aciotis purpurascens* (Aubl.) Triana
5974. Poaceae: *Panicum parvifolium* Lam.
5975. Rubiaceae: *Psychotria crocochlamys* Sandwith
5976. Burseraceae: *Trattinnickia burserifolia* Mart.
5977. Anacardiaceae: *Tapirira guianensis* Aubl.
5978. Grammitidaceae: *Grammitis suspensa* (L.) Proctor
5979. Hymenophyllaceae: *Trichomanes crispum* L.
5980. Marantaceae: *Monotagma spicatum* (Aubl.) J. F. Macbr.
5981. Ericaceae: *Sphyrospermum cordifolium* Benth.
5982. Dennstaedtiaceae: *Lindsaea portoricensis* Desv.
5983. Clusiaceae: *Tovomita macrophylla* (Poepp.) Walp.
5984. Indet.: Indet. sp.
5985. Clusiaceae: *Mahurea exstipulata* Benth.
5986. Malpighiaceae: *Byrsonima concinna* Benth.
5987. Lentibulariaceae: *Utricularia juncea* Vahl
5988. Phytolaccaceae: *Phytolacca rivinoides* Kunth & C. D. Bouché
5989. Orchidaceae: *Maxillaria kelloffiana* Christenson
5990. Dioscoreaceae: *Dioscorea* sp.
5991. Clusiaceae: *Clusia myriandra* (Benth.) Planch. & Triana
5992. Compositae: *Calea oliveri* B. L. Rob. & Greenm.
5993. Indet.: Indet. sp.
5994. Bromeliaceae: *Aechmea mertensii* (G. Mey.) Schult. & Schult. f.
5995. Bromeliaceae: *Araeococcus micranthus* Brongn.
5996. Bromeliaceae: *Racinaea spiculosa* var. *micrantha* (Baker) M. A. Spencer & L. B. Sm.
5997. Bromeliaceae: *Catopsis berteroniana* (Schult. & Schult. f.) Mez
5998. Moraceae: *Ficus paraensis* (Miq.) Miq.
5999. Fabaceae: *Bauhinia kunthiana* Vogel
6000. Lentibulariaceae: *Utricularia humboldtii* R. H. Schomb.
6001. Clusiaceae: *Caraipa tereticaulis* Tul.
6002. Ophioglossaceae: *Ophioglossum palmatum* L.
6003. Piperaceae: *Peperomia macrostachya* (Vahl) A. Dietr.
6004. Blechnaceae: *Salpichlaena hookeriana* (Kuntze) Alston
6005. Orchidaceae: *Psygmorchis pusilla* (L.) Dodson & Dressler
6006. Elaeocarpaceae: *Sloanea* sp.
6007. Cyclanthaceae: Indet. sp.
6008. Boraginaceae: *Cordia exaltata* Lam.
6009. Euphorbiaceae: *Mabea rubicunda* Jabl.
6010. Passifloraceae: *Passiflora ascidia* Feuillet
6011. Orchidaceae: *Huntleya* sp.
6012. Ochnaceae: *Ouratea soderstromii* Sastre
6013. Euphorbiaceae: *Plukenetia polyadenia* Müll. Arg.
6014. Fabaceae: *Tachigali guianensis* (Benth.) Zarucchi & Herend.
6015. Araceae: *Spathiphyllum cuspidatum* Schott
6016. Rubiaceae: *Psychotria tapajozensis* Standl.
6017. Loranthaceae: *Struthanthus vulgaris* Eichler
6018. Eriocaulaceae: *Comanthera jenmanii* (Gleason) L. R. Parra & Giul.
6019. Araceae: *Anthurium jenmanii* Engl.
6020. Araceae: *Stenospermation maguirei* A. M. E. Jonker & Jonker
6021. Hymenophyllaceae: *Trichomanes cristatum* Kaulf.
6022. Myrtaceae: *Marlierea karuaiensis* (Steyerm.) McVaugh
6023. Bonnetiaceae: *Bonnetia sessilis* Benth.
6024. Schizaeaceae: *Actinostachys pennula* (Sw.) Hook.
6025. Myrsinaceae: *Cybianthus fulvopulverulentus* (Mez) G. Agostini
6026. Cyatheaceae: *Cyathea macrocarpa* (C. Presl) Domin
6027. Euphorbiaceae: *Adenophaedra grandifolia* (Klotz.) Müll. Arg.
6028. Dryopteridaceae: *Arachniodes macrostegia* (Hook.) R. M. Tryon & D. S. Conant
6029. Aspleniaceae: *Asplenium serratum* L.
6030. Melastomataceae: *Miconia dodecandra* Cogn.
6031. Melastomataceae: *Henriettea ramiflora* (Sw.) DC.
6032. Lecythidaceae: *Eschweilera pedicellata* (Rich.) S. A. Mori
6033. Euphorbiaceae: *Plukenetia polyadenia* Müll. Arg.
6034. Malpighiaceae: *Hiraea affinis* Miq.
6035. Fabaceae: *Chamaecrista adiantifolia* var. *pteridophylla* (Sandwith) H. S. Irwin & Barneby
6036. Malpighiaceae: *Byrsonima christianeae* W. R. Anderson
6037. Melastomataceae: *Clidemia involucrata* DC.
6038. Rubiaceae: *Ferdinandusa guainiae* Spruce ex K. Schum.
6039. Piperaceae: *Peperomia elongata* Kunth
6040. Orchidaceae: *Reichenbachanthus reflexus* (Lindl.) Brade
6041. Piperaceae: *Peperomia macrostachya* (Vahl) A. Dietr.
6042. Orchidaceae: *Epidendrum flexuosum* G. Mey.
6043. Fabaceae: *Inga* sp.
6044. Smilacaceae: *Smilax* sp.
6045. Apocynaceae: *Odontadenia perrottetii* (A. DC.) Woodson
6046. Melastomataceae: *Miconia dodecandra* Cogn.

6047. Malpighiaceae: *Heteropterys guianensis* W. R. Anderson
6048. Nymphaeaceae: *Nymphaea rudgeana* G. Mey.
6049. Myrtaceae: *Myrcia fallax* (Rich.) DC.
6050. Malpighiaceae: *Tetrapterys megalantha* W. R. Anderson
6051. Dilleniaceae: *Doliocarpus major* ssp. *major* J. F. Gmel.
6052. Marcgraviaceae: *Souroubea guianensis* Aubl.
6053. Ebenaceae: *Diospyros dichroa* Sandwith
6054. Clusiaceae: *Clusia nemorosa* G. Mey.
6223. Boletaceae: *Tylopilus potamogeton* var. *irengensis* (Singer) T. W. Henkel
6229. Boletaceae: *Tylopilus potamogeton* Singer
6237. Boletaceae: *Tylopilus exiguus* T. W. Henkel
6243. Boletaceae: *Tylopilus ballouii* (Peck) Singer
6264. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill var. *ananas*
6266. Boletaceae: *Tylopilus potamogeton* var. *irengensis* (Singer) T. W. Henkel
6267. Boletaceae: *Tylopilus rufonigricans* T. W. Henkel
6283. Boletaceae: *Tylopilus exiguus* T. W. Henkel
6284. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
6286. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
6303. Boletaceae: *Tylopilus rufonigricans* T. W. Henkel
6323. Boletaceae: *Tylopilus ballouii* (Peck) Singer
6360. Russulaceae: *Russula gelatinivelata* S. L. Mill., Aime & T. W. Henkel
6370. Boletaceae: *Tylopilus potamogeton* var. *irengensis* (Singer) T. W. Henkel
6376. Boletaceae: *Tylopilus rufonigricans* T. W. Henkel
6378. Boletaceae: *Tylopilus potamogeton* var. *irengensis* (Singer) T. W. Henkel
6385. Boletaceae: *Tylopilus ballouii* (Peck) Singer
6401. Russulaceae: *Lactarius panuoides* Singer
6402. Cortinariaceae: *Gymnopilus* sp.
6403. Boletaceae: *Tylopilus potamogeton* var. *irengensis* (Singer) T. W. Henkel
6404. Boletaceae: *Tylopilus ballouii* (Peck) Singer
6405. Boletaceae: *Tylopilus patamoni*
6406. Amanitaceae: *Amanita lanivolva* Bas
6407. Amanitaceae: *Amanita xerocybe* Bas
6408. Amanitaceae: *Amanita phaea* Bas
6409. Amanitaceae: *Amanita aurantiovelata* Schalkw. & G. M. Jansen
6410. Russulaceae: *Russula* sp.
6411. Cantharellaceae: *Cantharellus guyanensis* Mont.
6412. Hygrophoraceae: *Hygrocybe* sp.
6413. Hygrophoraceae: *Hygrocybe* sp.
6414. Russulaceae: *Russula* sp.
6415. Cantharellaceae: *Craterellus orinocensis*
6416. Russulaceae: *Lactarius* sp.
6417. Cortinariaceae: *Cortinarius* sp. nov.
6418. Tricholomataceae: *Favolaschia* sp.
6419. Hygrophoraceae: *Hygrocybe* sp.
6420. Boletaceae: *Tylopilus patamoni*
6421. Hygrophoraceae: *Hygrocybe* sp.
6422. Hygrophoraceae: *Hygrocybe* sp.
6423. Cortinariaceae: *Cortinarius violaceus* (L. & Fr.) Gray
6424. Cortinariaceae: *Cortinarius violaceus* (L. & Fr.) Gray
6425. Boletaceae: *Tylopilus potamogeton* var. *irengensis* (Singer) T. W. Henkel
6426. Amanitaceae: *Amanita aurantiovelata* Schalkw. & G. M. Jansen
6427. Cantharellaceae: *Cantharellus guyanensis* Mont.
6428. Russulaceae: *Russula* sp.
6429. Russulaceae: *Lactarius* sp. nov.
6430. Boletaceae: *Xerocomus* sp. nov.
6431. Amanitaceae: *Amanita* sp.
6432. Amanitaceae: *Amanita lanivolva* Bas
6433. Amanitaceae: *Amanita* sp.
6434. Amanitaceae: *Amanita xerocybe* Bas
6435. Russulaceae: *Russula* sp.
6436. Russulaceae: *Russula* sp.
6437. Russulaceae: *Russula* sp.
6438. Ganodermataceae: *Amauroderma pseudoboleus* Furtado
6439. Ganodermataceae: *Amauroderma* sp.
6440. Hygrophoraceae: *Hygrocybe* sp.
6441. Revouleaceae: *Revoula* sp.
6442. Sclerodermataceae: *Scleroderma* sp.
6443. Clavariaceae: Indet. sp.
6444. Boletaceae: *Tylopilus pakaraimensis* T. W. Henkel
6445. Amanitaceae: *Amanita* sp.
6446. Amanitaceae: *Amanita* sp.
6447. Cortinariaceae: *Cortinarius violaceus* (L. & Fr.) Gray
6448. Amanitaceae: *Amanita lanivolva* Bas
6449. Amanitaceae: *Amanita xerocybe* Bas
6450. Gesneriaceae: *Nautilocalyx cordatus* (Gleason) L. E. Skog
6451. Rubiaceae: *Ronabea latifolia* Aubl.
6452. Melastomataceae: *Graffenrieda intermedia* Triana
6453. Indet.: Indet. sp.
6454. Melastomataceae: *Maieta guianensis* Aubl.
6455. Bignoniaceae: *Schlegelia spruceana* Bureau & K. Schum.
6456. Rubiaceae: *Psychotria capitata* Ruiz & Pav.
6457. Melastomataceae: *Clidemia ostentata* Wurdack
6458. Melastomataceae: *Miconia mariae* Wurdack
6459. Euphorbiaceae: *Adenophaedra grandifolia* (Klotz.) Müll. Arg.
6460. Melastomataceae: *Maieta poeppigii* Mart. ex Cogn.
6461. Gesneriaceae: *Alloplectus savannarum* C. V. Morton
6462. Melastomataceae: *Clidemia minutiflora* (Triana) Cogn.
6463. Melastomataceae: *Leandra purpurea* Gleason
6464. Rubiaceae: *Psychotria* sp.
6465. Araceae: *Stenospermation ammiticum* G. S. Bunting
6466. Rubiaceae: *Psychotria bostrychothyrsus* Sandwith
6467. Rapateaceae: *Rapatea fanshawei* Maguire
6468. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.

6469. Poaceae: Indet. sp.
6470. Indet.: Indet. sp.
6471. Thelypteridaceae: *Thelypteris arborescens* (Humb. & Bonpl. ex Willd.) C. V. Morton
6472. Piperaceae: *Peperomia* sp.
6473. Piperaceae: *Peperomia emarginella* (Sw. ex Wikstr.) C. DC.
6474. Indet.: Indet. sp.
6475. Indet.: Indet. sp.
6476. Ericaceae: *Cavendishia callista* Donn. Sm.
6477. Orchidaceae: Indet. sp.
6478. Orchidaceae: Indet. sp.
6479. Orchidaceae: Indet. sp.
6480. Lamiaceae: *Amasonia campestris* (Aubl.) Moldenke
6481. Orchidaceae: Indet. sp.
6482. Orchidaceae: Indet. sp.
6483. Gentianaceae: *Irlbachia purpurascens* (Aubl.) Maas
6484. Poaceae: *Panicum laxum* Sw.
6485. Orchidaceae: Indet. sp.
6486. Indet.: Indet. sp.
6487. Ochnaceae: *Sauvagesia erecta* L.
6488. Indet.: Indet. sp.
6489. Orchidaceae: Indet. sp.
6490. Indet.: Indet. sp.
6491. Indet.: Indet. sp.
6492. Indet.: Indet. sp.
6493. Indet.: Indet. sp.
6494. Indet.: Indet. sp.
6495. Indet.: Indet. sp.
6496. Indet.: Indet. sp.
6497. Indet.: Indet. sp.
6498. Indet.: Indet. sp.
6499. Indet.: Indet. sp.
6500. Indet.: Indet. sp.
6501. Indet.: Indet. sp.
6502. Indet.: Indet. sp.
6502a. Melastomataceae: *Clidemia capitellata* (Bonpl.) D. Don
6503. Indet.: Indet. sp.
6503a. Rubiaceae: *Pagamea guianensis* Aubl.
6504. Indet.: Indet. sp.
6504a. Indet.: Indet. sp.
6505. Indet.: Indet. sp.
6506. Dennstaedtiaceae: *Lindsaea schomburgkii* Klotzsch
6507. Compositae: *Piptocoma schomburgkii* (Sch. Bip.) Pruski
6508. Rubiaceae: *Notopleura tapajozensis* (Standl.) Bremek.
6509. Rubiaceae: *Spermacoce capitata* Ruiz & Pav.
6510. Verbenaceae: *Lantana camara* L.
6511. Campanulaceae: *Centropogon cornutus* (L.) Druce
6512. Melastomataceae: *Clidemia capitata* Benth.
6513. Indet.: Indet. sp.
6514. Orchidaceae: Indet. sp.
6515. Orchidaceae: Indet. sp.
6516. Orchidaceae: Indet. sp.
6517. Araceae: *Anthurium bonplandii* G. S. Bunting
6518. Cyatheaceae: *Cyathea marginalis* (Klotzsch) Domin
6519. Gentianaceae: *Voyria aphylla* (Jacq.) Pers.
6520. Eriocaulaceae: *Paepalanthus fasciculatus* (Rottb.) Kunth
6521. Clusiaceae: *Clusia* sp.
6522. Indet.: Indet. sp.
6523. Orchidaceae: Indet. sp.
6524. Flacourtiaceae: *Euceraea nitida* Mart.
6525. Dennstaedtiaceae: *Lindsaea pendula* Klotzsch
6526. Polypodiaceae: *Microgramma lycopodioides* (L.) Copel.
6527. Lomariopsidaceae: *Elaphoglossum plumosum* (Fée) T. Moore
6528. Dennstaedtiaceae: *Lindsaea stricta* (Sw.) Dryand.
6529. Orchidaceae: Indet. sp.
6530. Ericaceae: *Sphyrospermum cordifolium* Benth.
6531. Orchidaceae: Indet. sp.
6532. Ericaceae: *Vaccinium puberulum* Klotzsch ex Meisn.
6533. Bromeliaceae: *Racinaea jenmanii* (Baker) M. A. Spencer & L. B. Sm.
6534. Bromeliaceae: *Tillandsia bulbosa* Hook.
6535. Polygalaceae: *Polygala* sp.
6536. Indet.: Indet. sp.
6537. Ericaceae: *Vaccinium euryanthum* A. C. Sm.
6538. Orchidaceae: Indet. sp.
6539. Orchidaceae: Indet. sp.
6540. Indet.: Indet. sp.
6541. Melastomataceae: *Miconia ciliata* (Rich.) DC.
6542. Apocynaceae: *Mandevilla benthamii* (A. DC.) K. Schum.
6543. Rubiaceae: *Pagamea capitata* Benth.
6544. Asclepiadaceae: *Matelea stenopetala* Sandwith
6545. Melastomataceae: *Macairea lasiophylla* (Benth.) Wurdack
6546. Compositae: *Lepidaploa bolivarensis* (V. M. Badillo) H. Rob.
6547. Compositae: *Bidens cynapiifolia* Kunth
6548. Ochnaceae: *Sauvagesia linearifolia* A. St.-Hil.
6549. Xyridaceae: *Xyris surinamensis* A. Spreng.
6550. Russulaceae: *Russula* sp.
6551. Cantharellaceae: *Cantharellus guyanensis* Mont.
6552. Russulaceae: *Lactarius* sp.
6553. Boletaceae: *Tylopilus pakaraimensis* T. W. Henkel
6554. Boletaceae: *Tylopilus potamogeton* var. *irengensis* (Singer) T. W. Henkel
6555. Clavulinaceae: *Clavulina* sp.
6556. Cantharellaceae: *Craterellus excelsus* T. W. Henkel & Aime
6557. Clavariaceae: Indet. sp.
6558. Clavulinaceae: *Clavulina caespitosa* T. W. Henkel, Aeszaros & Aime
6559. Clavulinaceae: *Clavulina amazonensis* Corner
6560. Clavariaceae: Indet. sp.
6561. Elaphomycetaceae: *Pseudotulostoma volvata* O. K. Mil. & T. W. Henkel
6562. Russulaceae: *Russula* sp.

6563. Russulaceae: *Russula* sp.
6564. Tricholomataceae: *Tricholoma* sp.
6565. Thelephoraceae: *Hydnodon thelephorum* (Lév.) Banker
6566. Thelephoraceae: *Hydnodon thelephorum* (Lév.) Banker
6567. Boletaceae: *Phylloporus* sp.
6568. Podoscyphaceae: Indet. sp.
6569. Hygrophoraceae: *Hygrocybe* sp.
6570. Boletaceae: *Tylopilus ballouii* (Peck) Singer
6571. Boletaceae: *Xerocomus* sp. nov.
6572. Amanitaceae: *Amanita* sp.
6573. Amanitaceae: *Amanita* sp.
6574. Boletaceae: *Tylopilus ballouii* (Peck) Singer
6575. Boletaceae: *Tylopilus ballouii* (Peck) Singer
6576. Amanitaceae: *Amanita* sp.
6577. Amanitaceae: *Amanita* sp.
6578. Amanitaceae: *Amanita* sp.
6579. Russulaceae: *Russula* sp.
6580. Stereaceae: *Stereum* sp.
6581. Ganodermataceae: *Ganoderma* sp.
6582. Fabaceae: *Dicymbe altsonii* Sandwith
6583. Fabaceae: *Dicymbe corymbosa* Spruce ex Benth.
6584. Cantharellaceae: *Craterellus milleri* T. W. Henkel & Aime
6585. Amanitaceae: *Amanita xerocybe* Bas
6586. Cantharellaceae: *Cantharellus guyanensis* Mont.
6587. Cortinariaceae: *Cortinarius violaceus* (L. & Fr.) Gray
6588. Russulaceae: *Lactarius* sp.
6589. Amanitaceae: *Amanita auranticulata*
6590. Clavulinaceae: *Clavulina craterelloides* Thacker & T. W. Henkel
6591. Boletaceae: *Tylopilus ballouii* (Peck) Singer
6592. Boletaceae: *Tylopilus patamoni*
6593. Amanitaceae: *Amanita lanivolva* Bas
6594. Clavariaceae: Indet. sp.
6595. Tricholomataceae: *Tricholoma* sp.
6596. Hygrophoraceae: *Hygrocybe* sp.
6597. Cortinariaceae: *Cortinarius amazonicus* Singer
6598. Hygrophoraceae: *Hygrocybe* sp.
6599. Cortinariaceae: *Cortinarius* sp.
6600. Amanitaceae: *Amanita* sp.
6601. Russulaceae: *Lactarius* sp.
6602. Elaphomycetaceae: *Pseudotulostoma volvata* O. K. Mil. & T. W. Henkel
6603. Russulaceae: *Russula* sp.
6604. Russulaceae: *Russula* sp.
6605. Cortinariaceae: *Cortinarius* sp.
6606. Hygrophoraceae: *Hygrocybe* sp.
6607. Hygrophoraceae: *Hygrocybe* sp.
6608. Podoscyphaceae: *Aquascypha hydrophora* (Berk.) Reid
6609. Amanitaceae: *Amanita* sp.
6610. Boletaceae: *Tylopilus pakaraimensis* T. W. Henkel
6611. Boletaceae: *Tylopilus patamoni*
6612. Cantharellaceae: *Cantharellus guyanensis* Mont.
6613. Russulaceae: *Lactarius* sp.
6614. Amanitaceae: *Amanita xerocybe* Bas
6615. Elaphomycetaceae: *Pseudotulostoma volvata* O. K. Mil. & T. W. Henkel
6616. Cantharellaceae: *Craterellus* sp.
6617. Amanitaceae: *Amanita aurantiovelata* Schalkw. & G. M. Jansen
6618. Tricholomataceae: *Tricholoma* sp.
6619. Cortinariaceae: *Cortinarius* sp.
6620. Russulaceae: *Russula* sp.
6621. Amanitaceae: *Amanita* sp.
6622. Xylariaceae: *Xylaria* sp.
6623. Russulaceae: *Lactarius* sp.
6624. Indet.: Indet. sp.
6625. Indet.: Indet. sp.
6626. Indet.: Indet. sp.
6627. Sphagnaceae: *Sphagnum* sp.
6628. Selaginellaceae: *Selaginella* sp.
6629. Indet.: Indet. sp.
6630. Selaginellaceae: *Selaginella* sp.
6631. Indet.: Indet. sp.
6632. Indet.: Indet. sp.
6633. Selaginellaceae: *Selaginella* sp.
6634. Boletaceae: *Tylopilus potamogeton* var. *irengensis* (Singer) T. W. Henkel
6635. Boletaceae: *Tylopilus patamoni*
6636. Boletaceae: *Tylopilus ballouii* (Peck) Singer
6637. Cantharellaceae: *Craterellus milleri* T. W. Henkel & Aime
6638. Russulaceae: *Russula* sp.
6639. Amanitaceae: *Amanita xerocybe* Bas
6640. Amanitaceae: *Amanita lanivolva* Bas
6641. Amanitaceae: *Amanita* sp.
6642. Amanitaceae: *Amanita* sp.
6643. Hygrophoraceae: *Hygrocybe* sp.
6644. Tremellaceae: Indet. sp.
6645. Russulaceae: *Russula* sp.
6646. Clavariaceae: Indet. sp.
6647. Clavulinaceae: *Clavulina caespitosa* T. W. Henkel, Aeszaros & Aime
6648. Clavariaceae: Indet. sp.
6649. Ganodermataceae: *Amauroderma* sp.
6650. Boletaceae: *Phylloporus paxillus*
6651. Amanitaceae: *Amanita* sp.
6652. Ganodermataceae: *Amauroderma pseudoboleus* Furtado
6653. Boletaceae: *Tylopilus pakaraimensis* T. W. Henkel
6654. Pleurotaceae: *Pleurotus* sp.
6655. Amanitaceae: *Amanita* sp.
6656. Amanitaceae: *Amanita xerocybe* Bas
6657. Cantharellaceae: *Craterellus milleri* T. W. Henkel & Aime
6658. Cortinariaceae: *Cortinarius violaceus* (L. & Fr.) Gray
6659. Paxillaceae: *Paxillus* sp.
6660. Cyperaceae: *Mapania tepuiana* (Steyerm.) T. Koyama
6661. Indet.: Indet. sp.

6662. Commelinaceae: *Commelina diffusa* Burm. f.
6663. Scrophulariaceae: *Scoparia dulcis* L.
6664. Compositae: *Erechtites hieracifolius* (L.) Raf. ex DC.
6665. Campanulaceae: *Centropogon roraimanus* E. Wimm.
6666. Orchidaceae: Indet. sp.
6667. Orchidaceae: Indet. sp.
6668. Indet.: Indet. sp.
6669. Campanulaceae: *Centropogon cornutus* (L.) Druce
6670. Compositae: *Ageratum conyzoides* L.
6671. Myristicaceae: *Virola* sp.
6672. Indet.: Indet. sp.
6673. Indet.: Indet. sp.
6674. Orchidaceae: Indet. sp.
6675. Rubiaceae: *Spermacoce capitata* Ruiz & Pav.
6675a. Rubiaceae: *Spermacoce* sp.
6676. Melastomataceae: *Clidemia hirta* (L.) D. Don
6677. Indet.: Indet. sp.
6678. Bromeliaceae: *Brocchinia tatei* L. B. Sm.
6679. Melastomataceae: *Appendicularia thymifolia* (Bonpl.) DC.
6680. Malpighiaceae: *Byrsonima crassifolia* (L.) Kunth
6681. Rubiaceae: *Perama hirsuta* Aubl.
6682. Acanthaceae: *Justicia* sp. nov.
6683. Polygalaceae: *Polygala adenophora* DC.
6684. Indet: Indet. sp.
6685. Indet: Indet. sp.
6686. Melastomataceae: *Clidemia pustulata* DC.
6687. Melastomataceae: *Miconia bracteata* (DC.) Triana
6688. Melastomataceae: *Miconia racemosa* (Aubl.) DC.
6689. Melastomataceae: *Clidemia strigillosa* (Sw.) DC.
6690. Melastomataceae: *Clidemia ostentata* Wurdack
6691. Rubiaceae: *Palicourea triphylla* DC.
6692. Melastomataceae: *Leandra sanguinea* ssp. *tepuiensis* Wurdack
6693. Dennstaedtiaceae: *Lindsaea reniformis* Dryand.
6694. Orchidaceae: Indet. sp.
6695. Bignoniaceae: *Tabebuia subtilis* Sprague & Sandwith
6696. Burmanniaceae: *Gymnosiphon guianensis* Gleason
6697. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.
6698. Cyclanthaceae: Indet. sp.
6699. Ericaceae: *Cavendishia callista* Donn. Sm.
6700. Piperaceae: *Peperomia* sp.
6701. Liliaceae: *Nietneria paniculata* Steyerm.
6702. Rubiaceae: *Psychotria poeppigiana* Müll. Arg.
6703. Melastomataceae: *Maieta poeppigii* Mart. ex Cogn.
6704. Indet.: Indet. sp.
6705. Indet.: Indet. sp.
6706. Asclepiadaceae: *Matelea stenopetala* Sandwith
6707. Rubiaceae: *Psychotria crocochlamys* Sandwith
6708. Orchidaceae: Indet. sp.
6709. Indet.: Indet. sp.
6710. Orchidaceae: *Scaphyglottis* sp.
6711. Davalliaceae: *Nephrolepis pendula* (Raddi) J. Sm.
6712. Orchidaceae: *Sobralia* sp.
6713. Araceae: *Anthurium ptarianum* Steyerm.
6714. Rubiaceae: *Ronabea latifolia* Aubl.
6715. Orchidaceae: *Maxillaria* sp.
6716. Vittariaceae: *Antrophyum cajenense* (Desv.) Spreng.
6717. Piperaceae: *Peperomia* sp.
6718. Melastomataceae: *Tibouchina fraterna* N. E. Br.
6719. Rubiaceae: *Notopleura tapajozensis* (Standl.) Bremek.
6720. Araceae: *Stenospermation ammiticum* G. S. Bunting
6721. Indet.: Indet. sp.
6722. Rapateaceae: *Stegolepis ferruginea* Baker f.
6723. Ochnaceae: Sauvagesia sp.
6724. Bonnetiaceae: *Bonnetia sessilis* Benth.
6725. Menispermaceae: *Cissampelos* sp.
6726. Melastomataceae: *Maieta guianensis* Aubl.
6727. Rubiaceae: *Psychotria campylopoda* Standl.
6728. Polypodiaceae: *Polypodium adnatum* Kunze ex Klotzsch
6729. Pentaphylacaceae: *Ternstroemia* sp.
6730. Annonaceae: *Unonopsis perrottetii* (A. DC.) R. E. Fr.
6731. Melastomataceae: *Clidemia involucrata* DC.
6732. Rubiaceae: *Psychotria antennaeformis* Steyerm.
6733. Melastomataceae: *Miconia francavillana* Cogn.
6734. Rhamnaceae: *Ziziphus cinnamomum* Triana & Planch.
6735. Rubiaceae: *Psychotria iodotricha* Müll. Arg.
6736. Asclepiadaceae: *Blepharodon* sp.
6737. Burseraceae: *Dacryodes microcarpa* Cuatrec.
6738. Clusiaceae: Indet. sp.
6739. Sapindaceae: *Pseudima* sp.
6740. Annonaceae: *Duguetia decurrens* R. E. Fr.
6741. Metaxyaceae: *Metaxya rostrata* (Kunth) C. Presl
6742. Chrysobalanaceae: *Licania* sp.
6743. Sapotaceae: *Pouteria cayennensis* (A. DC.) Eyma
6744. Melastomataceae: *Tococa guianensis* Aubl.
6745. Indet.: Indet. sp.
6746. Dryopteridaceae: *Cyclodium meniscioides* (Willd.) C. Presl
6747. Anacardiaceae: *Tapirira obtusa* (Benth.) J. D. Mitch.
6748. Araceae: *Rhodospatha oblongata* Poepp.
6749. Fabaceae: *Tachigali rusbyi* Harms
6750. Russulaceae: *Russula* sp.
6751. Amanitaceae: *Amanita lanivolva* Bas
6752. Boletaceae: *Tylopilus ballouii* (Peck) Singer
6753. Clavariaceae: Indet. sp.
6754. Clavulinaceae: *Clavulina nigricans* Thacker & T. W. Henkel
6755. Hygrophoraceae: *Hygrocybe* sp.
6756. Hygrophoraceae: *Hygrocybe* sp.
6757. Thelephoraceae: *Hydnodon thelephorum* (Lév.) Banker
6758. Clavariaceae: *Clavariadelphus* sp.
6759. Russulaceae: *Russula* sp.
6760. Amanitaceae: *Amanita* sp.
6761. Tricholomataceae: *Lentinula boryana* (Berk. & Mont.) Pegler
6762. Entolomataceae: *Entoloma* sp.

6763. Tricholomataceae: *Tricholoma* sp.
6764. Amanitaceae: *Amanita* sp.
6765. Amanitaceae: *Amanita* sp.
6766. Entolomataceae: *Entoloma rugosasulcatum* Largent & T. W. Henkel
6767. Hydnaceae: Indet. sp.
6768. Myristicaceae: *Iryanthera* sp.
6769. Lecythidaceae: *Eschweilera* sp.
6770. Fabaceae: *Sclerolobium* sp.
6771. Anacardiaceae: *Tapirira* sp.
6772. Clusiaceae: *Tovomita albiflora* A. C. Sm.
6773. Lauraceae: *Endlicheria chalisea* Chanderb.
6774. Rubiaceae: *Duroia eriopila* var. *eriopila* L. f.
6775. Rubiaceae: *Faramea sessilifolia* (Kunth) DC.
6776. Celastraceae: *Goupia glabra* Aubl.
6777. Annonaceae: *Xylopia surinamensis* R. E. Fr.
6778. Annonaceae: *Unonopsis glaucopetala* R. E. Fr.
6779. Burseraceae: *Tetragastris* sp.
6780. Chrysobalanaceae: *Licania heteromorpha* var. *perplexans* Sandwith
6781. Fabaceae: *Chamaecrista apoucouita* (Aubl.) H. S. Irwin & Barneby
6782. Clusiaceae: *Moronobea jenmanii* Engl.
6783. Bombacaceae: *Catostemma commune* Sandwith
6784. Sapotaceae: *Pouteria ambelaniifolia* (Sandwith) T. D. Penn.
6785. Sapotaceae: *Micropholis* sp.
6786. Bombacaceae: *Eriotheca globosa* (Aubl.) A. Robyns
6787. Fabaceae: *Diplotropis purpurea* (Rich.) Amshoff
6788. Euphorbiaceae: *Pera* sp.
6789. Fabaceae: *Clathrotropis macrocarpa* Ducke
6790. Rhamnaceae: *Ziziphus cinnamomum* Triana & Planch.
6791. Bombacaceae: *Catostemma* sp.
6792. Cecropiaceae: *Cecropia angulata* I. W. Bailey
6793. Melastomataceae: Indet. sp.
6794. Euphorbiaceae: *Alchorneopsis floribunda* (Benth.) Müll. Arg.
6795. Chrysobalanaceae: *Couepia* sp.
6796. Chrysobalanaceae: *Hirtella* sp.
6797. Fabaceae: *Aldina insignis* (Benth.) Endl.
6798. Fabaceae: *Paramachaerium ormosioides* (Ducke) Ducke
6799. Fabaceae: *Dicymbe altsonii* Sandwith
6800. Fabaceae: *Eperua falcata* Aubl.
6801. Fabaceae: *Ormosia coccinea* (Aubl.) Jacks
6802. Lauraceae: *Ocotea guianensis* Aubl.
6803. Dilleniaceae: *Doliocarpus brevipedicellatus* Garcke
6804. Erythroxylaceae: *Erythroxylum* sp.
6805. Apocynaceae: *Couma* sp.
6806. Euphorbiaceae: *Maprounea guianensis* Aubl.
6807. Fabaceae: *Sclerolobium guianense* Benth.
6808. Burseraceae: *Protium decandrum* (Aubl.) Marchand
6809. Boletaceae: *Xerocomus* sp.
6810. Boletaceae: *Tylopilus exiguus* T. W. Henkel
6811. Boletaceae: *Xerocomus* sp.
6812. Boletaceae: *Xerocomus* sp.
6813. Amanitaceae: *Amanita* sp.
6814. Amanitaceae: *Amanita* sp.
6815. Russulaceae: *Lactarius panuoides* Singer
6816. Fabaceae: *Mora gonggrijpii* (Kleinhoonte) Sandwith
6817. Arecaceae: Indet. sp.
6818. Fabaceae: *Mucuna* sp.
6819. Fabaceae: *Taralea oppositifolia* Aubl.
6820. Euphorbiaceae: *Chaetocarpus schomburgkianus* (Kuntze) Pax & K. Hoffm.
6821. Rubiaceae: *Simira* sp.
6822. Celastraceae: *Maytenus* sp.
6823. Burseraceae: *Trattinnickia* sp.
6824. Vochysiaceae: *Qualea schomburgkiana* Warm.
6825. Fabaceae: *Dimorphandra macrostachya* ssp. *congestiflora* (Sprague & Sandwith) M. F. Silva
6826. Clusiaceae: *Moronobea jenmanii* Engl.
6827. Euphorbiaceae: *Micrandra glabra* (R. E. Schult.) R. E. Schult.
6828. Sapotaceae: *Pouteria* sp.
6829. Fabaceae: *Dicymbe jenmanii* Sandwith
6830. Bombacaceae: *Catostemma altsonii* Sandwith
6831. Fabaceae: *Chamaecrista adiantifolia* var. *pteridophylla* (Sandwith) H. S. Irwin & Barneby
6832. Myrtaceae: Indet. sp.
6833. Moraceae: *Sorocea pubivena* Hemsl.
6834. Sapindaceae: *Talisia simaboides* K. U. Kramer
6835. Chrysobalanaceae: *Licania licaniiflora* (Sagot) S. F. Blake
6836. Lauraceae: *Ocotea* sp.
6837. Fabaceae: *Inga* sp.
6838. Caryocaraceae: *Caryocar glabrum* (Aubl.) Pers. ssp. *glabrum*
6839. Araliaceae: *Schefflera morototoni* (Aubl.) Maguire et al.
6840. Annonaceae: *Duguetia megalophylla* R. E. Fr.
6841. Fabaceae: *Inga* sp.
6842. Fabaceae: *Alexa* sp.
6843. Russulaceae: *Lactarius panuoides* Singer
6844. Russulaceae: *Russula campinensis* (Singer) T. W. Henkel, Aime & S. L. Mill.
6845. Russulaceae: *Lactarius panuoides* Singer
6846. Thelephoraceae: *Hydnodon thelephorum* (Lév.) Banker
6847. Clavulinaceae: *Clavulina nigricans* Thacker & T. W. Henkel
6848. Boletaceae: *Tylopilus exiguus* T. W. Henkel
6849. Boletaceae: *Xerocomus* sp.
6850. Amanitaceae: Indet. sp.
6851. Hygrophoraceae: *Hygrocybe* sp.
6852. Amanitaceae: *Amanita* sp.
6853. Amanitaceae: *Amanita* sp.
6854. Amanitaceae: *Amanita* sp.
6855. Pleurotaceae: *Pleurotus* sp.

6856. Cantharellaceae: *Cantharellus guyanensis* Mont.
6857. Myrsinaceae: *Cybianthus* sp.
6858. Fabaceae: *Inga* sp.
6859. Fabaceae: *Inga alba* (Sw.) Willd.
6860. Fabaceae: Indet. sp.
6861. Smilacaceae: *Smilax* sp.
6862. Fabaceae: *Chamaecrista nictitans* ssp. *disadena* (Steud.) H. S. Irwin & Barneby
6863. Fabaceae: *Chamaecrista apoucouita* (Aubl.) H. S. Irwin & Barneby
6864. Solanaceae: *Solanum stramoniifolium* Jacq.
6865. Solanaceae: *Solanum rugosum* Dunal
6866. Indet.: Indet. sp.
6867. Melastomataceae: *Clidemia conglomerata* DC.
6868. Melastomataceae: *Miconia francavillana* Cogn.
6869. Indet.: Indet. sp.
6870. Compositae: *Mikania micrantha* Kunth
6871. Polygalaceae: *Moutabea guianensis* Aubl.
6872. Lecythidaceae: *Lecythis zabucajo* Aubl.
6873. Araliaceae: Indet. sp.
6874. Melastomataceae: *Leandra solenifera* Cogn.
6875. Compositae: *Centratherum punctatum* Cass.
6876. Melastomataceae: *Clidemia hirta* (L.) D. Don
6877. Euphorbiaceae: *Alchornea discolor* Poepp.
6878. Convolvulaceae: *Maripa paniculata* Barb. Rodr.
6879. Melastomataceae: *Miconia myriantha* Benth.
6880. Fabaceae: Indet. sp.
6881. Indet.: Indet. sp.
6882. Indet.: Indet. sp.
6883. Simaroubaceae: *Simarouba amara* Aubl.
6884. Lecythidaceae: *Eschweilera sagotiana* Miers
6885. Apocynaceae: *Aspidosperma excelsum* Benth.
6886. Annonaceae: *Duguetia calycina* Benoist
6887. Annonaceae: Indet. sp.
6888. Sapotaceae: *Pouteria speciosa* (Ducke) Baehni
6889. Amanitaceae: *Amanita* sp.
6890. Thelephoraceae: *Schizophyllum commune* Fr.
6891. Indet.: Indet. sp.
6892. Indet.: Indet. sp.
6893. Russulaceae: *Russula campinensis* (Singer) T. W. Henkel, Aime & S. L. Mill.
6894. Russulaceae: *Lactarius panuoides* Singer
6895. Russulaceae: *Russula* sp.
6896. Boletaceae: *Tylopilus ballouii* (Peck) Singer
6897. Boletaceae: *Tylopilus exiguus* T. W. Henkel
6898. Boletaceae: *Boletellus exiguus* T. W. Henkel & Fulgenzi
6899. Clavulinaceae: *Clavulina amazonensis* Corner
6900. Clavariaceae: Indet. sp.
6901. Clavariaceae: Indet. sp.
6902. Polyporaceae: Indet. sp.
6903. Russulaceae: *Russula* sp.
6904. Lauraceae: *Nectandra* sp.
6905. Sapotaceae: Indet. sp.
6906. Anacardiaceae: *Tapirira* sp.
6907. Sclerodermataceae: *Scleroderma* sp.
6908. Cortinariaceae: *Cortinarius* sp.
6909. Indet.: Indet. sp.
6910. Amanitaceae: *Amanita* sp.
6911. Boletaceae: *Xerocomus amazonicus* Singer
6912. Boletaceae: *Xerocomus* sp.
6913. Boletaceae: *Boletellus* sp.
6914. Boletaceae: *Boletellus* sp.
6915. Amanitaceae: *Amanita phaea* Bas
6916. Indet.: Indet. sp.
6917. Indet.: Indet. sp.
7000. Russulaceae: *Lactarius dicymbensis* T. W. Henkel
7001. Russulaceae: *Russula* sp. a
7002. Amanitaceae: *Amanita phaea* Bas
7003. Cantharellaceae: *Craterellus* sp.
7004. Cantharellaceae: *Craterellus* sp. b
7005. Russulaceae: *Russula* sp. b
7006. Russulaceae: *Russula* sp.
7007. Cortinariaceae: *Inocybe* sp.
7008. Tricholomataceae: *Favolaschia* sp.
7009. Clavicipitaceae: Indet. sp.
7010. Clavicipitaceae: *Cordyceps* sp.
7011. Clavicipitaceae: *Cordyceps* sp.
7012. Clavulinaceae: *Clavulina esculenta* T. W. Henkel & Aime
7013. Boletaceae: *Tylopilus* sp. a
7014. Cantharellaceae: *Cantharellus* sp. a
7015. Stereaceae: *Stereum* sp.
7016. Tricholomataceae: *Mycena* sp.
7017. Boletaceae: Indet. sp.
7018. Clavariaceae: Indet. sp.
7019. Indet.: Indet. sp.
7020. Stereaceae: Indet. sp.
7021. Tricholomataceae: Indet. sp.
7022. Elaphomycetaceae: *Pseudotulostoma volvata* O. K. Mil. & T. W. Henkel
7023. Russulaceae: *Russula campinensis* (Singer) T. W. Henkel, Aime & S. L. Mill.
7024. Russulaceae: *Lactarius* sp. a
7025. Boletaceae: *Tylopilus ballouii* (Peck) Singer
7026. Russulaceae: *Russula* sp. c
7027. Tricholomataceae: Indet. sp.
7028. Boletaceae: *Pulveroboletus* sp. a
7029. Boletaceae: *Tylopilus exiguus* T. W. Henkel
7030. Boletaceae: *Chalciporus* sp. a
7031. Boletaceae: *Tylopilus* sp. b
7032. Boletaceae: *Tylopilus potamogeton* var. *irengensis* (Singer) T. W. Henkel
7033. Amanitaceae: *Amanita* sp. a
7034. Amanitaceae: *Amanita* sp.
7035. Amanitaceae: *Amanita* sp. b
7036. Amanitaceae: *Amanita* sp. c
7037. Boletaceae: *Tylopilus rufonigricans* T. W. Henkel
7038. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill

7039. Boletaceae: *Austroboletus festivus* Singer
7040. Clavulinaceae: *Clavulina caespitosa* T. W. Henkel, Aeszaros & Aime
7041. Amanitaceae: *Amanita phaea* Bas
7042. Boletaceae: *Xerocomus* sp. a
7043. Russulaceae: *Lactarius panuoides* Singer
7044. Entolomataceae: *Leptonia* sp.
7045. Indet.: Indet. sp.
7046. Tricholomataceae: *Resupinatus* sp.
7047. Paxillaceae: *Paxillus* sp.
7048. Indet.: Indet. sp.
7049. Boletaceae: *Xerocomus* sp. b
7050. Boletaceae: *Xerocomus amazonicus* Singer
7051. Amanitaceae: *Limacella* sp.
7052. Russulaceae: *Russula* sp. d
7053. Mycenaceae: *Xeromphalina* sp.
7054. Russulaceae: *Lactarius* sp. b
7055. Ganodermataceae: *Amauroderma pseudoboleus* Furtado
7056. Amanitaceae: *Amanita campinaranae* Bas
7056a. Marasmiaceae: *Lentinula* sp.
7057. Russulaceae: *Lactarius igapoensis* Singer
7058. Cantharellaceae: *Craterellus* sp. b
7059. Cantharellaceae: *Craterellus* sp. a
7060. Boletaceae: *Xerocomus* sp. c
7061. Boletaceae: *Chalciporus* sp. a
7062. Hygrophoraceae: *Hygrophorus* sp.
7063. Russulaceae: *Russula* sp. e
7064. Cantharellaceae: *Cantharellus guyanensis* Mont.
7065. Boletaceae: *Austroboletus rostrupii* (Syd. & P. Syd.) E. Horak
7066. Boletaceae: *Boletellus* sp. a
7067. Boletaceae: *Xerocomus* sp. d
7068. Boletaceae: *Xerocomus* sp. e
7069. Boletaceae: *Xerocomus* sp. f
7070. Thelephoraceae: *Thelephora* sp. a
7071. Boletaceae: *Austroboletus* sp. a
7072. Amanitaceae: *Amanita xerocybe* Bas
7073. Clavulinaceae: *Clavulina amazonensis* Corner
7074. Cortinariaceae: *Cortinarius violaceus* (L. & Fr.) Gray
7075. Boletaceae: *Xerocomus* sp.
7076. Clavulinaceae: *Clavulina caespitosa* T. W. Henkel, Aeszaros & Aime
7077. Boletaceae: *Tylopilus potamogeton* Singer
7078. Russulaceae: *Lactarius panuoides* Singer
7079a. Cortinariaceae: *Cortinarius* sp.
7079b. Clavariaceae: *Ramaria* sp.
7080. Cantharellaceae: *Craterellus* sp. c
7081. Ganodermataceae: *Ganoderma* sp.
7082. Ganodermataceae: *Amauroderma* sp.
7083. Amanitaceae: *Amanita* sp. d
7084. Amanitaceae: *Amanita* sp. e
7085. Cantharellaceae: *Cantharellus* sp. b
7086. Boletaceae: *Xerocomus* sp. h
7087. Boletaceae: *Tylopilus vinaceipallidus* (Corner) T. W. Henkel
7088. Boletaceae: *Boletellus exiguus* T. W. Henkel & Fulgenzi
7089. Paxillaceae: *Paxillus* sp. a
7090. Entolomataceae: *Entoloma* sp. a
7091. Russulaceae: *Russula* sp. f
7092. Boletaceae: *Xerocomus* sp. i
7094. Ganodermataceae: *Ganoderma* sp.
7095. Ganodermataceae: *Ganoderma* sp.
7096. Ganodermataceae: *Amauroderma* sp.
7097. Amanitaceae: *Amanita lanivolva* Bas
7098. Indet.: Indet. sp.
7099. Cortinariaceae: *Cortinarius* sp.
7100. Russulaceae: *Lactarius* sp. c
7101. Russulaceae: *Russula* sp. g
7102. Boletaceae: *Xerocomus* sp.
7103. Russulaceae: *Russula* sp. h
7104. Clavariaceae: *Ramaria* sp.
7105. Russulaceae: *Lactarius neotropicus* Singer
7106. Amanitaceae: *Amanita* sp. f
7107. Boletaceae: *Phylloporus* sp.
7108. Ganodermataceae: *Amauroderma* sp.
7109. Boletaceae: *Xerocomus* sp. j
7110. Amanitaceae: *Amanita* sp. g
7111. Helotiaceae: *Polydiscidium martynii* Mont.
7112. Clavicipitaceae: *Cordyceps* sp.
7113. Clavicipitaceae: *Cordyceps* sp.
7114. Boletaceae: *Tylopilus potamogeton* Singer
7115. Amanitaceae: *Amanita xerocybe* Bas
7116. Clavicipitaceae: *Cordyceps* sp.
7117. Cortinariaceae: *Inocybe* sp.
7118. Entolomataceae: *Pouzarella* sp.
7119. Cortinariaceae: Indet. sp.
7120. Boraginaceae: *Cordia nodosa* Lam.
7121. Euphorbiaceae: *Aparisthmium cordatum* (A. Juss.) Baill.
7122. Sapindaceae: *Matayba peruviana* ssp. *oligandra* (Sandwith) Acev.-Rodr.
7123. Anacardiaceae: *Tapirira obtusa* (Benth.) J. D. Mitch.
7124. Fabaceae: *Inga* sp. a
7125. Lauraceae: *Nectandra cuspidata* Nees
7126. Lauraceae: *Ocotea canaliculata*
7127. Indet.: Indet. sp.
7128. Indet.: Indet. sp.
7129. Clusiaceae: Indet. sp.
7130. Fabaceae: *Hymenolobium* sp.
7131. Sapotaceae: *Micropholis venulosa* (Mart. & Eichler ex Miq.) Pierre
7132. Sapotaceae: *Chrysophyllum* sp.
7133. Moraceae: *Brosimum guianense* (Aubl.) Huber
7134. Myristicaceae: *Iryanthera* sp. a
7135. Caryocaraceae: *Caryocar glabrum* (Aubl.) Pers.
7136. Lauraceae: *Licaria cannella* (Meisn.) Kosterm.
7137. Chrysobalanaceae: *Licania heteromorpha* Benth.

7138. Chrysobalanaceae: *Couepia exflexa* Fanshawe & Maguire
7139. Malpighiaceae: *Byrsonima stipulacea* A. Juss.
7140. Fabaceae: *Pentaclethra macroloba* (Willd.) Kuntze
7141. Chrysobalanaceae: *Licania* sp. a
7142. Fabaceae: *Hydrochorea corymbosa* (Rich.) Barneby & J. W. Grimes
7143. Elaeocarpaceae: *Sloanea grandiflora* Sm.
7144. Sapotaceae: *Pouteria guianensis* Aubl.
7145. Fabaceae: *Inga* sp. b
7146. Indet.: Indet. sp.
7147. Celastraceae: *Goupia glabra* Aubl.
7148. Arecaceae: *Socratea exorrhiza* (Mart.) H. Wendl.
7149. Indet.: Indet. sp.
7150. Simaroubaceae: *Simarouba amara* Aubl.
7151. Fabaceae: *Pithecellobium pedicellare*
7152. Moraceae: *Brosimum rubescens* Taub.
7153. Indet.: Indet. sp.
7154. Indet.: Indet. sp.
7155. Lauraceae: *Ocotea cernua* (Nees) Mez
7156. Lauraceae: *Ocotea* sp. a
7157. Burseraceae: *Dacryodes* sp. a
7158. Annonaceae: *Duguetia calycina* Benoist
7159. Fabaceae: *Inga* sp. c
7160. Sterculiaceae: *Sterculia pruriens* (Aubl.) K. Schum.
7161. Fabaceae: *Clathrotropis macrocarpa* Ducke
7162. Bombacaceae: *Bombax* sp. a
7163. Cecropiaceae: *Cecropia angulata* I. W. Bailey
7164. Cecropiaceae: *Pourouma guianensis* Aubl.
7165. Vochysiaceae: *Qualea* sp. a
7166. Celastraceae: *Maytenus* sp.
7167. Fabaceae: *Macrolobium suaveolens* Spruce ex Benth.
7168. Apocynaceae: *Aspidosperma oblongum* A. DC.
7169. Indet.: Indet. sp.
7170. Chrysobalanaceae: *Hirtella* sp. a
7171. Chrysobalanaceae: *Hirtella* sp. b
7172. Dilleniaceae: *Doliocarpus brevipedicellatus* Garcke
7173. Sapotaceae: *Chrysophyllum* sp.
7173a. Melastomataceae: *Miconia mirabilis* (Aubl.) L. O. Williams
7174. Rubiaceae: *Duroia eriopila* L. f.
7175. Cecropiaceae: *Cecropia sciadophylla* Mart.
7176. Sapindaceae: *Matayba oligandra* Sandwith
7177. Fabaceae: *Inga* sp. d
7178. Burseraceae: *Tetragastris altissima* (Aubl.) Swart
7179. Caryocaraceae: *Caryocar nuciferum* L.
7180. Annonaceae: *Guatteria atra* Sandwith
7181. Fabaceae: *Diplotropis purpurea* (Rich.) Amshoff
7182. Sapotaceae: *Chrysophyllum sanguinolentum* (Pierre) Baehni
7183. Indet.: Indet. sp.
7184. Indet.: Indet. sp.
7185. Indet.: Indet. sp.
7186. Indet.: Indet. sp.
7187. Indet.: Indet. sp.
7188. Indet.: Indet. sp.
7189. Euphorbiaceae: *Micrandra glabra* (R. E. Schult.) R. E. Schult.
7200. Indet.: Indet. sp.
7201. Clavulinaceae: *Cookeina sulcipes* (Berk.) Kuntze
7202. Boletaceae: *Tylopilus vinaceipallidus* (Corner) T. W. Henkel
7203. Boletaceae: *Tylopilus ballouii* (Peck) Singer
7204. Lycopodiaceae: *Lycopodium* sp.
7205. Cortinariaceae: *Cortinarius violaceus* (L. & Fr.) Gray
7206. Cortinariaceae: *Cortinarius* sp.
7207. Gastromycete: Indet. sp.
7208. Boletaceae: *Boletellus exiguus* T. W. Henkel & Fulgenzi
7209. Sclerodermataceae: *Scleroderma* sp.
7210. Boletaceae: *Xerocomus* sp.
7211. Entolomataceae: *Nolanea* sp.
7212. Boletaceae: *Boletellus* sp. c
7213. Russulaceae: *Lactarius multiceps* S. L. Mill., Aime & T. W. Henkel
7293. Boletaceae: *Chalciporus* sp. 1
7400. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill var. *ananas*
7401. Amanitaceae: *Amanita calochroa* Simmons, Bas & T. W. Henkel
7402. Amanitaceae: *Amanita xerocybe* Bas
7405. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
7407. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
7409. Amanitaceae: *Amanita aurantiobrunnea*
7412. Boletaceae: *Xerocomus* sp. 3
7415. Amanitaceae: *Vaginatae* sp. 1
7416. Boletaceae: *Xerocomus* sp. 2
7420. Russulaceae: *Lactarius sulcatipes*
7426. Clavariaceae: Indet. sp.
7428. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
7431. Clavulinaceae: *Clavulina tepurumenga* T. W. Henkel & Aime
7432. Cantharellaceae: *Craterellus excelsus* T. W. Henkel & Aime
7433. Boletaceae: *Tylopilus eximius* (Peck) Singer
7434. Amanitaceae: *Vaginatae* sp. 2
7436. Boletaceae: *Boletellus exiguus* T. W. Henkel & Fulgenzi
7437. Boletaceae: *Xerocomus* sp. 6
7438. Boletaceae: *Xerocomus amazonicus* Singer
7439. Russulaceae: *Russula metachromatica* Singer
7440. Clavulinaceae: *Clavulina nigricans* Thacker & T. W. Henkel
7441. Boletaceae: *Fistulinella cinereoalba* Fulgenzi & T. W. Henkel
7444. Amanitaceae: *Amanita aurantiobrunnea*

7446. Russulaceae: *Russula* sp. 5
7447. Russulaceae: *Lactarius* sp. 3
7452. Boletaceae: *Xerocomus* sp. 6
7453. Russulaceae: *Lactarius* sp. 1
7455. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
7456. Amanitaceae: *Amanita calochroa* Simmons, Bas & T. W. Henkel
7463. Clavulinaceae: *Clavulina kunmudlutsa* T. W. Henkel & Aime
7465. Boletaceae: *Xerocomus* sp. 1
7477. Amanitaceae: *Vaginatae* sp. 3
7480. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
7488. Cantharellaceae: *Cantharellus guyanensis* Mont.
7490. Amanitaceae: *Amanita* sp. 2
7492. Amanitaceae: *Vaginatae* sp. 4
7493. Clavulinaceae: *Clavulina craterelloides* Thacker & T. W. Henkel
7495. Boletaceae: *Xerocomus* sp. 2
7511. Boletaceae: *Chalciporus* sp. 1
7512. Boletaceae: *Xerocomus* sp. 4
7514. Amanitaceae: *Amanita lanivolva* Bas
7515. Cantharellaceae: *Craterellus excelsus* T. W. Henkel & Aime
7525. Russulaceae: *Russula* sp. 1
7534. Russulaceae: *Russula* sp. 16
7535. Amanitaceae: *Amanita perphaea* Simmons, T. W. Henkel & Bas
7537. Clavulinaceae: *Clavulina sprucei* (Berk.) Corner
7541. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
7544. Boletaceae: *Xerocomus* sp. 5
7545. Amanitaceae: *Vaginatae* sp. 5
7548. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
7550. Cantharellaceae: *Craterellus excelsus* T. W. Henkel & Aime
7555. Russulaceae: *Russula* sp. 10
7571. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
7576. Coltrichiaceae: *Coltriciella navispora* T. W. Henkel, Aime & Ryvarden
7578. Russulaceae: *Lactarius* sp. 2
7582. Clavulinaceae: *Clavulina dicymbetorum* T. W. Henkel, Aeszaros & Aime
7585. Amanitaceae: *Amanita* sp. 3
7588. Russulaceae: *Russula* sp. 9
7637. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
7641. Russulaceae: *Lactarius brunellus* S. L. Mill., Aime & T. W. Henkel
7642. Russulaceae: *Russula* sp. 14
7643. Amanitaceae: *Vaginatae* sp. 6
7644. Russulaceae: *Lactarius brunellus* S. L. Mill., Aime & T. W. Henkel
7652. Clavulinaceae: *Clavulina rosiramea* Uehling, T. W. Henkel & Aime
7656. Russulaceae: *Lactarius multiceps* S. L. Mill., Aime & T. W. Henkel
7677. Russulaceae: *Lactarius sulcatipes*
7681. Boletaceae: *Xerocomus* sp. 5
7817. Russulaceae: *Russula* sp. 6
7827. Clavicipitaceae: *Cordyceps* sp.
7828. Clavariaceae: *Clavaria* sp.
7829. Boletaceae: *Tylopilus potamogeton* var. *uengina* T. W. Henkel
7830. Hygrophoraceae: *Hygrophorus* sp.
7831. Cantharellaceae: *Cantharellus guyanensis* Mont.
7832. Amanitaceae: *Amanita calochroa* Simmons, Bas & T. W. Henkel
7833. Elaphomycetaceae: *Pseudotulostoma volvata* O. K. Mil. & T. W. Henkel
7834. Boletaceae: *Tylopilus ballouii* (Peck) Singer
7835. Amanitaceae: *Amanita xerocybe* Bas
7836. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill
7837. Cortinariaceae: *Cortinarius* sp.
7838. Boletaceae: *Xerocomus amazonicus* Singer
7839. Amanitaceae: *Amanita* sp.
7840. Amanitaceae: *Amanita lanivolva* Bas
7841. Boletaceae: *Tylopilus exiguus* T. W. Henkel
7842. Boletaceae: *Xerocomus* sp.
7843. Russulaceae: *Russula* sp.
7844. Cantharellaceae: *Craterellus* sp.
7845. Cortinariaceae: *Cortinarius violaceus* (L. & Fr.) Gray
7846. Tricholomataceae: *Gerronema icterinum* (Singer) Singer
7847. Clavariaceae: *Clavaria* sp.
7848. Clavariaceae: *Clavaria* sp.
7849. Tricholomataceae: *Resupinatus* sp.
7850. Clavariaceae: *Scytinoporea* sp.
7851. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
7873. Ganodermataceae: *Amauroderma coltrichiodes* T. W. Henkel & Aime
7874. Russulaceae: *Russula* sp. 12
7879. Russulaceae: *Russula* sp. 7
7880. Russulaceae: *Russula* sp. 8
7880b. Russulaceae: *Russula* sp. 11
7885. Boletaceae: *Tylopilus* sp. 3
7903. Boletaceae: *Xerocomus amazonicus* Singer
7909. Russulaceae: *Russula* sp. 13
7916. Russulaceae: *Russula* sp. 3
7925. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill
8000. Coprinaceae: *Coprinus disseminatus* (Pers. ex Fr.) Gray
8001. Thelephoraceae: *Schizophyllum commune* Fr.
8002. Boletaceae: *Xerocomus* sp. nov.
8003. Boletaceae: *Austroboletus rostrupii* (Syd. & P. Syd.) E. Horak

8004. Cortinariaceae: *Inocybe lebacinosquamosa* Matheny, Aime & T. W. Henkel
8005. Cortinariaceae: *Cortinarius* sp. nov.
8006. Amanitaceae: *Amanita campinaranae* Bas
8007. Tricholomataceae: *Mycena* sp. nov.
8008. Tricholomataceae: *Marasmiellus* sp.
8009. Dacrymycetaceae: *Guepiniopsis* sp.
8010. Tricholomataceae: *Marasmius* sp.
8011. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
8012. Boletaceae: *Chalciporus trinitensis* (Heinem.) Singer
8013. Boletaceae: *Boletellus piakaii* T. W. Henkel & Fulgenzi
8014. Polyporaceae: Indet. sp.
8015. Tricholomataceae: *Marasmiellus* sp.
8016. Paxillaceae: *Phyllobolites miniatus* Singer
8017. Boletaceae: *Tylopilus eximius* (Peck) Singer
8018. Tricholomataceae: *Marasmiellus* sp.
8019. Tricholomataceae: *Marasmiellus* sp.
8020. Entolomataceae: *Inocephalus portoricensis*
8021. Tricholomataceae: *Collybia* sp.
8022. Podoscyphaceae: *Podoscypha* sp.
8023. Ganodermataceae: *Amauroderma* sp.
8024. Stereaceae: *Stereum ostrea* Blume & T. Nees ex Fr.
8025. Xylariaceae: *Xylaria* sp.
8026. Boletaceae: *Phylloporus colligatus* Neves & T. W. Henkel
8027. Tricholomataceae: *Mycena* sp.
8028. Tricholomataceae: *Mycena* sp.
8029. Tricholomataceae: *Marasmius* sp.
8030. Boletaceae: *Fistulinella cinereoalba* Fulgenzi & T. W. Henkel
8031. Entolomataceae: *Nolanea inocephalus*
8032. Boletaceae: *Austroboletus rostrupii* (Syd. & P. Syd.) E. Horak
8033. Tricholomataceae: *Favolaschia* sp.
8034. Amanitaceae: *Amanita* sp. 1
8035. Boletaceae: *Xerocomus* sp. nov.
8036. Tricholomataceae: *Marasmius* sp.
8037. Tricholomataceae: *Marasmius* sp.
8038. Coprinaceae: *Coprinus disseminatus* (Pers. ex Fr.) Gray
8039. Helotiaceae: *Polydiscidium martynii* Mont.
8040. Amanitaceae: *Amanita auranti-brunnea*
8041. Indet.: Indet. sp.
8042. Boletaceae: *Tylopilus pakaraimensis* T. W. Henkel
8043. Amanitaceae: *Amanita vaginata* (Bull.) Lam.
8044. Lycopodiaceae: *Lycopodium* sp.
8045. Nidulariaceae: *Cyathus* sp.
8046. Helotiaceae: Indet. sp.
8047. Cortinariaceae: *Pyrrhoglossum pyrus*
8048. Tricholomataceae: *Hydropus* sp.
8049. Entolomataceae: *Leptonia caesiogrisea*
8050. Tricholomataceae: *Marasmius* sp.
8051. Entolomataceae: *Inocephalus portoricensis*
8052. Tricholomataceae: *Gerronema* sp.
8053. Aphyllophorales: Indet. sp.
8054. Tricholomataceae: *Dennisiomyces* sp.
8055. Pezizaceae: *Peziza* sp.
8056. Amanitaceae: *Amanita* sp. nov.
8057. Amanitaceae: *Amanita* sp. 4
8058. Clavicipitaceae: *Cordyceps* sp.
8059. Boletaceae: *Tylopilus eximius* (Peck) Singer
8060. Boletaceae: *Tylopilus vinaceipallidus* (Corner) T. W. Henkel
8061. Boletaceae: *Xerocomus* sp. nov.
8062. Tricholomataceae: *Marasmius* sp.
8063. Tricholomataceae: *Marasmius* sp.
8064. Tricholomataceae: *Mycena holoporphyra* (Berk. & M. A. Curtis) Singer
8065. Hygrophoraceae: *Hygrocybe* sp.
8066. Strophariaceae: *Psilocybe oralesta* (Peck) Singer
8067. Tricholomataceae: *Marasmiellus* sp.
8068. Tricholomataceae: *Marasmius* sp.
8069. Tricholomataceae: *Hydropus* sp.
8070. Entolomataceae: *Inocephalus viscaurantium* var. *viscaurantium*
8071. Strophariaceae: *Naematoloma subviride* (Berk. & M. A. Curtis) A. H. Sm.
8072. Tricholomataceae: *Marasmius* sp.
8073. Strophariaceae: *Melanotus* sp.
8074. Tricholomataceae: *Collybia* sp.
8075. Tricholomataceae: *Xerula* sp.
8076. Tricholomataceae: *Marasmiellus* sp.
8077. Boletaceae: *Boletellus piakaii* T. W. Henkel & Fulgenzi
8078. Tricholomataceae: *Marasmius* sp.
8079. Tricholomataceae: *Marasmius* sp.
8080. Polyporaceae: *Hyphodontia* sp.
8081. Tremellaceae: *Pseudohydrum gelatinosum* (Scop.) R. Karst.
8082. Polyporaceae: *Microporellus obovatus* (Jungh.) Ryvarden
8083. Amanitaceae: *Amanita* sp.
8084. Coltrichiaceae: *Coltriciella navispora* T. W. Henkel, Aime & Ryvarden
8085. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
8086. Boletaceae: *Xerocomus* sp.
8087. Boletaceae: *Xerocomus amazonicus* Singer
8088. Tricholomataceae: *Marasmius* sp.
8089. Tricholomataceae: *Marasmiellus* sp.
8090. Tricholomataceae: *Hydropus cavipes* (Pat. & Gaillard) Dennis
8091. Boletaceae: *Xerocomus* sp.
8092. Boletaceae: *Tylopilus vinaceipallidus* (Corner) T. W. Henkel
8093. Boletaceae: *Austroboletus rostrupii* (Syd. & P. Syd.) E. Horak
8094. Entolomataceae: *Leptonia* sp.

8095. Entolomataceae: *Alboleptonia sericella* (Fries) Largent & Benedict var. *lutescens*
8096. Indet.: Indet. sp.
8097. Indet.: Indet. sp.
8098. Aphyllophorales: Indet. sp.
8099. Clavicipitaceae: *Cordyceps* sp.
8100. Clavicipitaceae: *Cordyceps* sp.
8101. Xylariaceae: *Xylaria* sp.
8102. Discomycetaceae: *Bisperella* sp.
8103. Cortinariaceae: *Inocybe pulchella* Matheny & Aime
8104. Polyporaceae: *Polyporus guyanensis* Mont.
8105. Thelephoraceae: *Thelephora* sp.
8106. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
8107. Boletaceae: *Xerocomus* sp. nov.
8108. Boletaceae: *Fistulinella cinereoalba* Fulgenzi & T. W. Henkel
8109. Boletaceae: *Xerocomus* sp.
8110. Tricholomataceae: *Mycena* sp.
8111. Tricholomataceae: *Marasmius* sp.
8112. Entolomataceae: *Inocephalus viscaurantium* var. *viscaurantium*
8113. Tricholomataceae: *Micromphale* sp.
8114. Tricholomataceae: *Marasmius* sp.
8115. Entolomataceae: *Nolanea* sp.
8116. Podoscyphaceae: *Podoscypha nitidula*
8117. Tricholomataceae: *Mycena* sp.
8118. Tricholomataceae: *Hydropus* sp.
8119. Tricholomataceae: *Marasmiellus* sp.
8120. Tricholomataceae: *Marasmius* sp.
8121. Tricholomataceae: *Marasmius haematocephala* (Mont.) Fr.
8122. Tricholomataceae: *Marasmius* sp.
8123. Amanitaceae: *Amanita lanivolva* Bas
8124. Boletaceae: *Tylopilus exiguus* T. W. Henkel
8125. Clavulinaceae: *Clavulina nigricans* Thacker & T. W. Henkel
8126a. Xylariaceae: *Xylaria* sp.
8126b. Tricholomataceae: *Gerronema icterinum* (Singer) Singer
8127. Tricholomataceae: *Marasmius rotula* (Scop.) Fr.
8128. Tricholomataceae: *Marasmiellus* sp.
8129. Tricholomataceae: *Marasmius* sp.
8130. Ascomycete: *Thamnomyces dendroidea* Cooke & Massee
8131. Tricholomataceae: *Marasmius rotula* (Scop.) Fr.
8132. Tricholomataceae: *Hydropus* sp.
8133. Tricholomataceae: *Mycena* sp.
8134. Entolomataceae: *Leptonia* sp.
8135. Agaricaceae: *Lepiota* sp.
8136. Tricholomataceae: Indet. sp.
8137. Cantharellaceae: *Craterellus* sp.
8138. Hygrophoraceae: *Hygrocybe* sp.
8139. Entolomataceae: *Leptonia* sp.
8140. Clavariaceae: *Clavaria* sp.
8141. Aphyllophorales: *Rigidoporus microporus* (Sw.) Overeem
8142. Entolomataceae: *Nolanea* sp.
8143. Tricholomataceae: *Marasmius rotula* (Scop.) Fr.
8144. Tricholomataceae: *Marasmius* sp.
8145. Tricholomataceae: *Mycena* sp.
8146. Clavariaceae: *Ramaria cyanocephala* (Berk. & M. A. Curtis) Corner
8147. Entolomataceae: *Inocephalus gigantospora*
8148. Tricholomataceae: *Marasmius* sp.
8149. Entolomataceae: *Inocephalus roseus*
8150. Tricholomataceae: *Mycena* sp.
8151. Tricholomataceae: *Clitocybe* sp.
8152. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
8153. Boletaceae: *Tylopilus potamogeton* var. *irengensis* (Singer) T. W. Henkel
8154. Tricholomataceae: *Resupinatus* sp.
8155. Corticiaceae: *Corticoid* sp.
8156. Tricholomataceae: *Collybia* sp.
8157. Agaricaceae: *Lepiota* sp.
8158. Entolomataceae: *Calliderma caeruleosplendens* Largent & Aime
8159. Indet.: Indet. sp.
8160. Cortinariaceae: *Inocybe ayangannae* Matheny, Aime & T. W. Henkel
8161. Entolomataceae: Indet. sp.
8162. Clavariaceae: *Clavaria* sp.
8163. Entolomataceae: *Pouzarella* sp.
8164. Boletaceae: *Austroboletus festivus* Singer
8165. Amanitaceae: *Amanita* sp.
8166. Cortinariaceae: *Cortinarius* sp.
8167. Boletaceae: *Tylopilus rufonigricans* T. W. Henkel
8168. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill
8169. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
8170. Xylariaceae: *Hypoxilon* sp.
8171. Corticiaceae: Indet. sp.
8172. Xylariaceae: *Xylaria polymorpha* (Pers.) Grev.
8173. Hygrophoraceae: *Hygrocybe* sp.
8174. Xylariaceae: *Xylaria* sp.
8175. Xylariaceae: *Xylaria* sp.
8176. Boletaceae: *Xerocomus amazonicus* Singer
8177. Entolomataceae: *Inocephalus portoricensis*
8178. Xylariaceae: *Hypoxilon* sp.
8179. Aphyllophorales: *Hericium* sp.
8180. Aphyllophorales: Indet. sp.
8181. Entolomataceae: *Inocephalus portoricensis*
8182. Amanitaceae: *Amanita* sp.
8183. Amanitaceae: *Amanita* sect. *vaginateae*
8184. Elaphomycetaceae: *Pseudotulostoma volvata* O. K. Mil. & T. W. Henkel
8185. Boletaceae: *Tylopilus ballouii* (Peck) Singer

8186. Thelephoraceae: *Hydnodon thelephorum* (Lév.) Banker
8187. Xylariaceae: *Xylaria*
8188. Xylariaceae: *Xylaria* sp.
8189. Boletaceae: *Austroboletus rostrupii* (Syd. & P. Syd.) E. Horak
8190. Clavulinaceae: *Clavulina* sp.
8191. Clavulinaceae: *Clavulina monodiminutiva* T. W. Henkel, Aeszaros & Aime
8192. Clavulinaceae: *Clavulina dicymbetorum* T. W. Henkel, Aeszaros & Aime
8193. Cortinariaceae: *Cortinarius* sp. 1
8194. Amanitaceae: *Amanita perphaea* Simmons, T. W. Henkel & Bas
8195. Amanitaceae: *Amanita perphaea* Simmons, T. W. Henkel & Bas
8196. Hygrophoraceae: *Hygrocybe* sp.
8197. Boletaceae: *Tylopilus exiguus* T. W. Henkel
8198. Amanitaceae: *Amanita xerocybe* Bas
8199. Tricholomataceae: *Marasmius* sp.
8200. Paxillaceae: *Paxillus atrotomentosus* (Batsch) Fr.
8201. Amanitaceae: *Amanita* sect. *vaginateae*
8202. Indet.: Indet. sp.
8203. Boletaceae: *Tylopilus pakaraimensis* T. W. Henkel
8204. Thelephoraceae: *Hydnodon thelephroum* (Lév.) Banker
8205. Clavariaceae: *Ramaria guyanensis* Corner
8206. Boletaceae: *Tylopilus castaneoides* Husbands & T. W. Henkel
8207. Clavulinaceae: *Clavulina kunmudlutsa* T. W. Henkel & Aime
8208. Clavulinaceae: *Clavulina* sp.
8209. Tricholomataceae: *Marasmius* sp.
8210. Russulaceae: *Lactarius brunellus* S. L. Mill., Aime & T. W. Henkel
8211. Cortinariaceae: *Cortinarius violaceus* (L. & Fr.) Gray
8212. Russulaceae: *Russula* sp.
8213. Xylariaceae: *Xylaria* sp.
8214. Polyporaceae: *Polyporus guyanensis* Mont.
8215. Russulaceae: *Russula* sp.
8216. Russulaceae: *Russula* sp.
8217. Clavulinaceae: *Clavulina tepurumenga* T. W. Henkel & Aime
8218. Boletaceae: *Tylopilus ballouii* (Peck) Singer
8219. Cortinariaceae: *Cortinarius* sp.
8220. Cortinariaceae: *Cortinarius* sp.
8221. Clavulinaceae: *Clavulina sprucei* (Berk.) Corner
8222. Tricholomataceae: *Marasmius* sp.
8223. Pterulaceae: *Pterula* sp.
8224. Amanitaceae: *Amanita* sect. *vaginateae*
8225. Clavulinaceae: *Clavulina caespitosa* T. W. Henkel, Aeszaros & Aime
8226. Boletaceae: *Tylopilus ballouii* (Peck) Singer
8227. Russulaceae: *Russula* sp.
8228. Russulaceae: *Russula* sp.
8229. Thelephoraceae: *Hydnodon thelephorum* (Lév.) Banker
8230. Amanitaceae: *Amanita calochroa* Simmons, Bas & T. W. Henkel
8231. Tricholomataceae: *Squamanita* sp.
8232. Boletaceae: *Pulveroboletus rosaemariae* Singer
8233. Russulaceae: *Russula* sp. 2
8234. Clavulinaceae: *Clavulina craterelloides* Thacker & T. W. Henkel
8235. Cantharellaceae: *Craterellus excelsus* T. W. Henkel & Aime
8236. Russulaceae: *Russula* sp.
8237. Russulaceae: *Lactarius sulcatipes*
8238. Polyporaceae: *Antrodiella hydrophila* (Berk. & M. A. Curtis) Ryvarden
8239. Clavulinaceae: *Clavulina amazonensis* Corner
8240. Clavariaceae: *Clavaria* sp.
8241. Pterulaceae: *Pterula* sp.
8242. Cantharellaceae: *Cantharellus guyanensis* Mont.
8243. Cantharellaceae: *Cantharellus atratus* Corner
8244. Clavulinaceae: *Clavulina effusa* Uehling, T. W. Henkel & Aime
8245. Clavulinaceae: *Clavulina humicola* T. W. Henkel, Aeszaros & Aime
8246. Clavulinaceae: *Clavulina monodiminutiva* T. W. Henkel, Aeszaros & Aime
8247. Amanitaceae: *Amanita* sect. *lepidella*
8248. Amanitaceae: *Amanita campinaranae* Bas
8249. Tricholomataceae: *Collybia laccata* (Scop.) Quél.
8250. Russulaceae: *Lactarius sulcatipes*
8251. Russulaceae: *Lactarius* sp.
8252. Boletaceae: *Xerocomus* sp.
8253. Russulaceae: *Russula* sp.
8254. Clavulinaceae: *Clavulina pakaraimensis* Uehling, T. W. Henkel & Aime
8255. Clavariaceae: *Clavulinopsis* sp.
8256. Clavariaceae: *Clavulinopsis calocera* (G. W. Martin) Corner
8257. Amanitaceae: *Amanita* sect. *vaginateae*
8258. Russulaceae: *Russula* sp.
8259. Clavulinaceae: *Clavulina griseohumicola* T. W. Henkel, Aeszaros & Aime
8260. Tricholomataceae: *Xerula* sp.
8261. Polyporaceae: *Nigroporus vinosus* (Berk.) Murrill
8262. Strophariaceae: *Melanotus* sp.
8263. Tricholomataceae: *Marasmius* sp.
8264. Clavulinaceae: *Clavulina* sp.
8265. Clavulinaceae: *Clavulina* sp.
8266. Clavariaceae: Indet. sp.
8267. Indet.: Indet. sp.
8268. Hygrophoraceae: *Hygrocybe conicus* (Schaeff.) P. Kumm.
8269. Tricholomataceae: *Tricholoma* sp.
8270. Russulaceae: *Russula* sp.
8271. Polyporaceae: *Polyporus* sp.

8272. Ganodermataceae: *Ganoderma stipitatum* (Murrill) Murrill
8273. Russulaceae: *Lactarius* sp.
8274. Tricholomataceae: *Marasmius* sp.
8275. Tricholomataceae: *Marasmius* sp.
8276. Tricholomataceae: *Gliocephela* sp.
8277. Tricholomataceae: *Marasmius* sp.
8278. Tricholomataceae: *Marasmius* sp.
8279. Clavariaceae: *Clavaria* sp.
8280. Ascomycete: *Nectria* sp.
8281. Sclerodermataceae: *Scleroderma sinnamariense* Mart.
8282. Pezizaceae: Indet. sp.
8283. Tricholomataceae: *Mycena* sp.
8284. Clavulinaceae: *Clavulina nigricans* Thacker & T. W. Henkel
8285. Tricholomataceae: *Penellus* sp.
8286. Clavulinaceae: *Clavulina* sp.
8287. Indet.: Indet. sp.
8288. Cyphellaceae: Indet. sp.
8289. Ganodermataceae: *Amauroderma boleticeum* (Pat. & Gaillard) Torrend
8290. Cortinariaceae: *Inocybe* sp. nov.
8291. Hygrophoraceae: *Hygrocybe* sp.
8292. Xylariaceae: *Xylaria* sp.
8293. Russulaceae: *Lactarius brunellus* S. L. Mill., Aime & T. W. Henkel
8294. Polyporaceae: Indet. sp.
8295. Tricholomataceae: *Clitocybe* sp.
8296. Tricholomataceae: *Clitocybe* sp.
8297. Cortinariaceae: *Inocybe pulchella* Matheny & Aime
8298. Clavicipitaceae: *Cordyceps* sp.
8299. Russulaceae: *Russula* sp.
8300. Russulaceae: *Russula* sp. 17
8301. Clavariaceae: *Clavaria zollingeri* Lév.
8302. Tricholomataceae: *Mycena* sp.
8303. Entolomataceae: *Leptonia* sp.
8304. Strophariaceae: *Psilocybe* sp.
8305. Russulaceae: *Russula campinensis* (Singer) T. W. Henkel, Aime & S. L. Mill.
8306. Russulaceae: *Lactarius panuoides* Singer
8307. Russulaceae: *Russula* sp.
8308. Russulaceae: *Russula puiggarii* (Speg.) Singer
8309. Tricholomataceae: *Marasmius* sp.
8310. Russulaceae: *Russula puiggarii* (Speg.) Singer
8311. Phallaceae: *Phallogaster* sp.
8312. Pyronemataceae: *Pulvinula* sp.
8313. Pezizaceae: *Galactinia* sp.
8314. Indet.: Indet. sp.
8315. Agaricaceae: *Lepiota* sp.
8316. Hygrophoraceae: *Hygrocybe* sp.
8317. Tricholomataceae: *Oudemansiella macrantha* Singer
8318. Dacrymycetaceae: *Dacrymyces* sp.
8319. Podoscyphaceae: *Aquascypha hydrophora* (Berk.) Reid
8320. Russulaceae: *Russula* sp.
8321. Russulaceae: *Russula* sp.
8322. Agaricaceae: *Agaricus* sp.
8323. Tricholomataceae: *Collybia* sp.
8324. Agaricaceae: *Lepiota* sp.
8325. Cortinariaceae: *Cortinarius* sp.
8326. Clavulinaceae: *Clavulina dicymbetorum* T. W. Henkel, Aeszaros & Aime
8327. Hygrophoraceae: *Hygrocybe* sp.
8328. Tricholomataceae: *Clitocybe* sp.
8329. Tricholomataceae: *Tricholoma* sp.
8330. Tricholomataceae: *Marasmius estulla*
8331. Elaphomycetaceae: *Elaphomyces* sp.
8332. Indet.: Indet. sp.
8333. Indet.: Indet. sp.
8334. Indet.: Indet. sp.
8335. Indet.: Indet. sp.
8336. Indet.: Indet. sp.
8337. Indet.: Indet. sp.
8338. Russulaceae: *Lactarius* sp.
8339. Russulaceae: *Russula* sp. 4
8340. Clavulinaceae: *Clavulina caespitosa* T. W. Henkel, Aeszaros & Aime
8341. Entolomataceae: *Alboleptonia* sp.
8342. Amanitaceae: *Amanita* sect. *vaginateae*
8343. Russulaceae: *Lactarius multiceps* S. L. Mill., Aime & T. W. Henkel
8344. Ganodermataceae: *Amauroderma coltrichiodes* T. W. Henkel & Aime
8355. Tricholomataceae: *Marasmius* sp.
8356. Entolomataceae: *Alboleptonia* sp.
8357. Tricholomataceae: *Collybia* sp.
8358. Indet.: Indet. sp.
8359. Hysterangiaceae: *Hysterangium* sp.
8360. Tricholomataceae: *Marasmiellus synoclicus*
8361. Hysterangiaceae: *Hysterangium* sp.
8362. Corticiaceae: Indet. sp.
8363. Hymenochaetaceae: *Stipitochaete damaecornis* (Link.) Ryvarden
8364. Ganodermataceae: *Amauroderma schomburgkii* (Mont. & Berk.) Torrend
8365. Polyporaceae: *Rigidoporus lineatus* (Pers.) Ryvarden
8366. Xylariaceae: *Xylaria* sp.
8367. Entolomataceae: *Calliderma caeruleosplendens* Largent & Aime
8368. Cortinariaceae: *Gymnopilus* sp.
8369. Hygrophoraceae: *Hygrocybe* sp.
8370. Tricholomataceae: *Marasmius* sp.
8371. Boletaceae: *Pulveroboletus viridisquamulosus* ined.
8372. Strophariaceae: *Naematoloma subviride* (Berk. & M. A. Curtis) A. H. Sm.
8373. Polyporaceae: *Trametes hydnoides* (Sw.) Fr.
8374. Podoscyphaceae: *Podoscypha nitidula*
8375. Amanitaceae: *Amanita* sp.

8376. Indet.: Indet. sp.
8377. Pezizaceae: *Galactinia* sp.
8378. Ascomycete: Indet. sp.
8379. Clavulinaceae: *Cookerina tricholoma* (Mart.) Kuntze
8380. Xylariaceae: *Xylaria* sp.
8381. Ganodermataceae: *Amauroderma gusmanianum* Torrend
8382. Cantharellaceae: *Craterellus pleurotoides* (T. W. Henkel, Aime & S. L. Mill.) A. W. Wilson
8383. Corticiaceae: *Poregramme albocincta* (Massee)
8384. Xylariaceae: *Xylaria* sp.
8385. Boletaceae: *Xerocomus citronus*
8386. Clavulinaceae: *Clavulina effusa* Uehling, T. W. Henkel & Aime
8387. Polyporaceae: *Rigidoporus ulmarius* (Sowerby) Imazeki
8388. Coltrichiaceae: *Coltricia* sp.
8389. Basidiomycete: *Pistillaria* sp.
8390. Clavariaceae: *Clavaria* sp.
8391. Tricholomataceae: *Marasmius* sp.
8392. Tricholomataceae: *Collybia* sp.
8393. Tricholomataceae: *Hohenbuehulia* sp.
8394. Cortinariaceae: *Inocybe lilacinasquamosa* Matheny, Aime & T. W. Henkel
8395. Boletaceae: *Xerocomus* sp. 1
8396. Boletaceae: *Tylopilus exiguus* T. W. Henkel
8397. Ascomycete: *Ascomycete* sp.
8398. Boletaceae: *Tylopilus exiguus* T. W. Henkel
8399. Ascomycete: *Ascomycete hypomyces*
8400. Amanitaceae: *Amanita* sp.
8401. Coltrichiaceae: *Coltriciella oblectabilis* (Lloyd) Kotl., Pouzar & Ryvarden
8402. Polyporaceae: Indet. sp.
8403. Hygrophoraceae: *Hygrocybe* sp.
8404. Hygrophoraceae: *Hygrocybe* sp.
8405. Entolomataceae: *Nolanea* sp.
8406. Cortinariaceae: *Cortinarius* sp.
8407. Clavariaceae: *Clavulinopsis* sp.
8408. Boletaceae: *Xerocomus* sp.
8409. Boletaceae: *Tylopilus ballouii* (Peck) Singer
8410. Amanitaceae: *Amanita* sect. *vaginateae*
8411. Aphyllophorales: Indet. sp.
8412. Cortinariaceae: *Inocybe pulchella* Matheny & Aime
8413. Xylariaceae: *Xylaria* sp.
8414. Entolomataceae: Indet. sp.
8415. Tricholomataceae: *Collybia* sp.
8416. Tricholomataceae: *Gerronema* sp.
8417a. Polyporaceae: *Favolus brasiliensis* Fr.
8417b. Coltrichiaceae: *Coltricia montagnei* (Fr.) Murrill
8418. Physalacriaceae: *Guyanagaster necrorhiza* T. W. Henkel & Aime
8418a. Clavariaceae: *Clavulinopsis* sp.
8418b. Elaphomycetaceae: *Elaphomyces* sp.
8419. Sebacinaceae: *Tremellodendron ocreatum* (Berk.) Roberts
8420. Corticiaceae: *Hyphoderma* sp. nov.
8421. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
8422. Hygrophoraceae: *Hygrocybe* sp.
8423. Amanitaceae: *Amanita* sect. *vaginateae*
8424. Clavulinaceae: *Clavulina* sp.
8450. Clavariaceae: *Clavaria* sp.
8451. Clavariaceae: *Clavulinopsis* sp.
8452. Clavariaceae: *Clavaria zollingeri* Lév.
8453. Amanitaceae: *Amanita* sp.
8454. Amanitaceae: *Amanita cyanopus*
8455. Amanitaceae: *Amanita* sp.
8456. Boletaceae: *Tylopilus rufonigricans* T. W. Henkel
8457. Thelephoraceae: *Hydnodon* sp.
8458. Hypocreaceae: *Sphaerostilbe mammiformis* Chardón
8459. Boletaceae: *Xerocomus* sp.
8460. Clavulinaceae: *Clavulina kunmudlutsa* T. W. Henkel & Aime
8461. Amanitaceae: *Amanita* sp.
8462. Cantharellaceae: *Cantharellus* sp.
8463. Clavulinaceae: *Clavulina amazonensis* Corner
8464. Clavariaceae: *Lentoria* sp.
8465. Boletaceae: *Tylopilus eximius* (Peck) Singer
8466. Boletaceae: *Tylopilus vinaceipallidus* (Corner) T. W. Henkel
8467. Xylariaceae: *Xylaria* sp.
8468. Russulaceae: *Russula* sp.
8469. Indet.: Indet. sp.
8470. Clavariaceae: *Clavaria* sp.
8471. Boletaceae: *Fistulinella cinereoalba* Fulgenzi & T. W. Henkel
8472. Entolomataceae: Indet. sp.
8473. Cantharellaceae: *Craterellus atratoides* Aime
8474. Entolomataceae: *Nolanea* sp.
8475. Cortinariaceae: *Cortinarius* sp.
8476. Ganodermataceae: *Amauroderma coltrichiodes* T. W. Henkel & Aime
8477. Amanitaceae: *Amanita calochroa* Simmons, Bas & T. W. Henkel
8478. Clavulinaceae: *Clavulina dicymbetorum* T. W. Henkel, Aeszaros & Aime
8479. Tremellaceae: *Pseudohydrum gelatinosum* (Scop.) R. Karst.
8480. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
8481. Elaphomycetaceae: *Pseudotulostoma volvata* O. K. Mil. & T. W. Henkel
8482. Boletaceae: *Tylopilus exiguus* T. W. Henkel
8483. Thelephoraceae: *Tomentella lilacinogrisea* Wakef.
8484. Tremellaceae: *Sebacina incrustans* (Pers.) Tul. & C. Tul.
8485. Amanitaceae: *Amanita xerocybe* Bas
8486. Taphrinaceae: *Taphrina* sp.
8487. Xylariaceae: *Hypoxylon* sp.

8488. Xylariaceae: *Xylaria* sp.
8489. Xylariaceae: *Hypoxylon* sp.
8490. Xylariaceae: *Hypoxylon heterostromum*
8491. Xylariaceae: *Kretzschmaria clavus* (Fr.) Sacc.
8492. Polyporaceae: Indet. sp.
8493. Elaphomycetaceae: *Elaphomyces* sp.
8494. Xylariaceae: *Hypoxylon melanospis*
8495. Boletaceae: *Boletellus* sp.
8496. Clavulinaceae: *Clavulina caespitosa* T. W. Henkel, Aeszaros & Aime
8497. Cyphellaceae: *Henninopomyces minimus*
8498. Clavulinaceae: *Clavulina tepurumenga* T. W. Henkel & Aime
8499. Clavicipitaceae: *Cordyceps* sp.
8500. Clavulinaceae: *Clavulina amazonensis* Corner
8501. Ganodermataceae: *Amauroderma* sp.
8502. Clavariaceae: *Ramaria guyanensis* Corner
8503. Pyronemataceae: *Pulvinula etiolata* (Cooke) Le Gal
8504. Russulaceae: *Lactarius brunellus* S. L. Mill., Aime & T. W. Henkel
8505. Helotiaceae: Indet. sp.
8506. Cortinariaceae: *Cortinarius* sp.
8507. Amanitaceae: *Amanita* sp.
8508. Amanitaceae: *Amanita auranti-brunnea*
8509. Polyporaceae: *Porogramme* sp.
8510. Entolomataceae: *Rhodocybe* sp.
8511. Clavulinaceae: *Clavulina* sp.
8512. Tricholomataceae: *Tricholoma* sp.
8513. Polyporaceae: *Trichaptum* sp.
8514. Xylariaceae: *Xylaria* sp.
8515. Dermateaceae: *Mollisia* sp.
8516. Clavariaceae: *Clavulinopsis* sp.
8517. Hysterangiaceae: *Hysterangium* sp.
8518. Tremellaceae: *Tremellodendron* sp.
8519. Clavulinaceae: *Cookeina* sp.
8520. Clavulinaceae: *Clavulina craterelloides* Thacker & T. W. Henkel
8521. Hymenochaetaceae: *Phellinus* sp.
8522. Russulaceae: *Russula* sp.
8523. Clavulinaceae: *Clavulicium* sp.
8524. Xylariaceae: *Xylaria* sp.
8525. Paxillaceae: *Paxillus* sp.
8526. Clavulinaceae: *Clavulicium* sp.
8527. Russulaceae: *Russula* sp.
8528. Cantharellaceae: *Cantharellus* sp.
8529. Clavariaceae: *Clavulinopsis* sp.
8530. Hygrophoraceae: *Hygrocybe* sp.
8531. Clavariaceae: *Clavaria* sp.
8532. Clavulinaceae: *Clavulina amazonensis* Corner
8533. Boletaceae: *Xerocomus* sp.
8534. Boletaceae: *Tylopilus* sp.
8535. Boletaceae: *Tylopilus exiguus* T. W. Henkel
8536. Clavulinaceae: *Clavulina dicymbetorum* T. W. Henkel, Aeszaros & Aime
8537. Sebacinaceae: *Sebacina* sp.
8538. Boletaceae: *Tylopilus eximius* (Peck) Singer
8539. Cortinariaceae: *Cortinarius* sp.
8540. Lepiotaceae: *Leucoagaricus* sp.
8541. Ganodermataceae: *Amauroderma coltrichiodes* T. W. Henkel & Aime
8542. Fabaceae: *Dicymbe corymbosa* Spruce ex Benth.
8543. Boletaceae: *Tylopilus ballouii* (Peck) Singer
8544. Thelephoraceae: *Tomentella* sp.
8545. Sebacinaceae: *Sebacina* sp.
8546. Cortinariaceae: *Cortinarius* sp.
8547. Clavariaceae: *Clavaria* sp.
8548. Tricholomataceae: *Marasmius* sp.
8549. Strophariaceae: *Phaeomarasmius* sp.
8550. Thelephoraceae: *Hydnodon* sp.
8551. Polyporaceae: *Rigidoporus* sp.
8552. Polyporaceae: Indet. sp.
8553. Ganodermataceae: *Amauroderma* sp.
8554. Helotiaceae: Indet. sp.
8555. Tricholomataceae: *Marasmius* sp.
8556. Boletaceae: *Tylopilus rufonigricans* T. W. Henkel
8557. Cyphellaceae: Indet. sp.
8558. Coltrichiaceae: *Coltricia montagnei* (Fr.) Murrill
8559. Coltrichiaceae: *Coltriciella navispora* T. W. Henkel, Aime & Ryvarden
8560. Coltrichiaceae: *Coltriciella oblectabilis* (Lloyd) Kotl., Pouzar & Ryvarden
8561. Clavulinaceae: *Clavulina cinereoglebosa* Uehling, Aime & T. W. Henkel
8562. Thelephoraceae: *Tomentella* sp.
8563. Hymenochaetaceae: *Phellinus robustus* (P. Karst.) Bourdot & Galzin
8564. Polyporaceae: *Perenniporia inflexibilis* (Berk.) Ryvarden
8565. Ganodermataceae: *Ganoderma stipitatum* (Murrill) Murrill
8566. Clavicipitaceae: *Cordyceps* sp.
8567. Ascomycete: *Nectria* sp.
8568. Thelephoraceae: *Tomentella* sp.
8569. Tricholomataceae: *Armillaria* sp.
8570. Helotiaceae: *Polydiscidium martynii* Mont.
8571. Clavariaceae: *Ramaria* sp.
8572. Tricholomataceae: *Mycena* sp.
8573. Phallaceae: *Stapheliomyces* sp.
8574. Clavulinaceae: *Clavulina rosiramea* Uehling, T. W. Henkel & Aime
8575. Boletaceae: *Tylopilus rufonigricans* T. W. Henkel
8576. Russulaceae: *Russula* sp.
8577. Tremellaceae: *Tremellodendron* sp.
8578. Polyporaceae: *Lentinus crinitus* Fr.
8579. Aphyllophorales: Indet. sp.
8580. Indet.: Indet. sp.
8581. Tricholomataceae: Indet. sp.
8582. Lycopodiaceae: *Lycopodium* sp.

8583. Tricholomataceae: *Mycena* sp.
8584. Tricholomataceae: *Marasmius* sp.
8585. Deuteromycete: Indet. sp.
8586. Helotiaceae: Indet. sp.
8587. Polyporaceae: *Phylloporia spathulata* (Hook.) Ryvarden
8588. Sebacinaceae: *Sebacina* sp.
8589. Clavariaceae: *Ramariopsis* sp.
8590. Xylariaceae: *Xylaria areolata* (Berk. & M. A. Curtis) Y. M. Ju & J. B. Rogers
8591. Futolomataceae: *Nolania* sp.
8592. Tricholomataceae: *Marasmius* sp.
8593. Clavicipitaceae: *Cordyceps* sp.
8594. Clavariaceae: *Ramaria guyanensis* Corner
8595. Hymenochaetaceae: *Phellinus robustus* (P. Karst.) Bourdot & Galzin
8596. Boletaceae: *Tylopilus potamogeton* var. *irengensis* (Singer) T. W. Henkel
8597. Hericiaceae: *Porothelium* sp.
8598. Clavicipitaceae: *Cordyceps* sp.
8599. Tricholomataceae: *Marasmius* sp.
8600. Boletaceae: *Tylopilus eximius* (Peck) Singer
8601. Tricholomataceae: *Marasmiellus* sp.
8602. Tricholomataceae: *Marasmius* sp.
8603. Polyporaceae: Indet. sp.
8604. Polyporaceae: Indet. sp.
8605. Humiriaceae: *Swtellinia* sp.
8606. Tricholomataceae: *Favolaschia* sp.
8607. Clavicipitaceae: *Cordyceps* sp.
8608a. Clavicipitaceae: *Cordyceps* sp.
8608b. Clavicipitaceae: *Cordyceps* sp.
8609. Boletaceae: *Tylopilus* sp.
8610. Cortinariaceae: *Inocybe lilacinasquamosa* Matheny, Aime & T. W. Henkel
8611. Clavicipitaceae: *Cordyceps* sp.
8612. Tricholomataceae: *Tricholoma* sp.
8613. Cortinariaceae: Indet. sp.
8614. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill
8615. Boletaceae: *Xerocomus amapineus* Singer
8616. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
8617. Boletaceae: *Tylopilus pabarcumensis* T. W. Henkel
8618. Clavicipitaceae: *Cordyceps* sp.
8619. Clavicipitaceae: *Cordyceps* sp.
8620. Tricholomataceae: *Marasmius* sp.
8621. Helotiaceae: Indet. sp.
8622. Sebacinaceae: *Sebacina* sp.
8623. Tricholomataceae: Indet. sp.
8624. Ganodermataceae: *Ganoderma* sp.
8625. Hymenochaetaceae: *Phellinus robustus* (P. Karst.) Bourdot & Galzin
8626. Hymenochaetaceae: *Phellinus robustus* (P. Karst.) Bourdot & Galzin
8627. Polyporaceae: *Porogramme* sp.
8628. Psathyrellaceae: *Psathyrella* sp.
8629. Pezizaceae: Indet. sp.
8630. Agaricaceae: *Agaricus* sp.
8631. Pluteaceae: *Pluteus* sp.
8632. Russulaceae: *Lactarius multiceps* S. L. Mill., Aime & T. W. Henkel
8633. Polyporaceae: *Rigidoporus microporus* (Sw.) Overeem
8634. Clavicipitaceae: *Cordyceps* sp.
8635. Boletaceae: *Tylopilus exiguus* T. W. Henkel
8637. Tricholomataceae: *Marasmiellus* sp.
8638. Boletaceae: *Boletellus exiguus* T. W. Henkel & Fulgenzi
8639. Clavariaceae: *Ramaria cyanocephala* (Berk. & M. A. Curtis) Corner
8640. Hysterangiaceae: *Hysterangium* sp.
8641. Hysterangiaceae: *Hysterangium* sp.
8642. Clavulinaceae: *Clavulina* sp.
8643. Hypocreaceae: *Hypomyces* sp.
8644a. Polyporaceae: Indet. sp.
8644b. Xylariaceae: *Xylaria* sp.
8644c. Cortinariaceae: *Cortinarius* sp.
8644d. Ganodermataceae: *Ganoderma stipitatum* (Murrill) Murrill
8644e. Phallaceae: *Phallus* sp.
8644f. Corticiaceae: *Poregramme albocincta* (Massee)
8644g. Ganodermataceae: *Ganoderma* sp.
8644h. Podoscyphaceae: *Aquascypha hydrophora* (Berk.) Reid
8645. Liceales: *Cribraria* sp.
8646. Indet.: Indet. sp.
8647. Ceratiomyxaceae: *Ceratiomyxa sphaerosperma* Boedijn
8648. Echinostelliales: *Barbeyella* sp.
8649. Indet.: Indet. sp.
8650. Ceratiomyxaceae: *Ceratiomyxa morchella* A. L. Welden
8651. Liceales: *Lycogala* sp.
8652. Trichiales: *Arcyria cinerea* (Bull.) Pers.
8653. Trichiales: *Hemitrichia calyculata* (Spreg.) M. L. Farr
8654. Liceales: *Cribraria intricata* Schrad.
8655. Trichiales: *Trichia favoginea* (Batsch) Pers.
8656. Physarales: *Physarum globuliferum* (Bull.) Pers.
8657. Stemonitales: *Stemonitis fusca* Roth
8658. Liceales: *Lycogala epidendron* (L.) Fries
8659. Trichiales: *Arcyria denudata* (L.) Wettst.
8660. Ceratiomyxaceae: *Ceratiomyxa fructiculosa* (O. F. Mull.) T. Mac.
8663. Entolomataceae: *Inocephalus gigantospora*
8664. Entolomataceae: *Calliderma caeruleosplendens* Largent & Aime
8665. Entolomataceae: *Inocephalus glycosmus*
8666. Entolomataceae: *Inocephalus portoricensis*
8677. Entolomataceae: *Inocephalus viscaurantium* var. *viscaurantium*
8680. Entolomataceae: *Inocephalus portoricensis*
8685. Entolomataceae: *Inocephalus glycosmus*

8706. Entolomataceae: *Inocephalus rubrobrunneipes*
8709. Clavulinaceae: *Clavulina caespitosa* T. W. Henkel, Aeszaros & Aime
8721. Entolomataceae: *Inocephalus lutulentus*
8723. Entolomataceae: *Paraeccilia unicolorata* Largent & T. W. Henkel
8729. Clavulinaceae: *Clavulina griseohumicola* T. W. Henkel, Aeszaros & Aime
8730. Clavulinaceae: *Clavulina dicymbetorum* T. W. Henkel, Aeszaros & Aime
8732. Boletaceae: *Austroboletus festivus* Singer
8733. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
8734. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill var. *ananas*
8735. Entolomataceae: *Inocephalus portoricensis*
8737. Clavulinaceae: *Clavulina humicola* T. W. Henkel, Aeszaros & Aime
8738. Clavulinaceae: *Clavulina monodiminutiva* T. W. Henkel, Aeszaros & Aime
8742. Clavulinaceae: *Clavulina amazonensis* Corner
8804. Entolomataceae: *Calliderma caeruleosplendens* Largent & Aime
8809. Boletaceae: *Boletellus exiguus* T. W. Henkel & Fulgenzi
8810. Boletaceae: *Boletellus piakaii* T. W. Henkel & Fulgenzi
8814. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
8815. Boletaceae: *Boletellus exiguus* T. W. Henkel & Fulgenzi
8818. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
8819. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill var. *ananas*
8822. Boletaceae: *Tylopilus castaneoides* Husbands & T. W. Henkel
8824. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
8825. Entolomataceae: *Nolanea subsulcata*
8826. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill var. *ananas*
8827. Entolomataceae: *Inocephalus portoricensis*
8829. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
8830. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
8833. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill var. *ananas*
8837. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
8840. Boletaceae: *Boletellus dicymbophilus* Fulgenzi & T. W. Henkel
8842. Entolomataceae: *Inocephalus portoricensis*
8843. Entolomataceae: *Inocephalus glycosmus*
8845. Boletaceae: *Tylopilus orsonianus* Fulgenzi & T. W. Henkel
8849. Entolomataceae: *Inocephalus luteadiscus*
8855. Entolomataceae: *Entoloma olivaceocoloratum* Largent & T. W. Henkel
8869. Boletaceae: *Boletellus piakaii* T. W. Henkel & Fulgenzi
8871. Entolomataceae: *Calliderma caeruleosplendens* Largent & Aime
8878. Boletaceae: *Boletellus piakaii* T. W. Henkel & Fulgenzi
8882. Boletaceae: *Boletellus piakaii* T. W. Henkel & Fulgenzi
8915. Boletaceae: *Tylopilus castaneoides* Husbands & T. W. Henkel
8916. Boletaceae: *Tylopilus ballouii* (Peck) Singer
8929. Boletaceae: *Tylopilus exiguus* T. W. Henkel
8932. Clavulinaceae: *Clavulina kunmudlutsa* T. W. Henkel & Aime
8940. Clavulinaceae: *Clavulina cirrhata* (Berk.) Corner
8954. Clavulinaceae: *Clavulina rosiramea* Uehling, T. W. Henkel & Aime
8988. Boletaceae: *Tylopilus eximius* (Peck) Singer
8989. Physalacriaceae: *Guyanagaster necrorhiza* T. W. Henkel & Aime
9002. Clavulinaceae: *Clavulina cirrhata* (Berk.) Corner
9065. Physalacriaceae: *Guyanagaster necrorhiza* T. W. Henkel & Aime
9107. Boletaceae: *Austroboletus rostrupii* (Syd. & P. Syd.) E. Horak
9107b. Boletaceae: *Phylloporus colligatus* Neves & T. W. Henkel
9122. Clavulinaceae: *Clavulina sprucei* (Berk.) Corner
9135. Physalacriaceae: *Guyanagaster necrorhiza* T. W. Henkel & Aime
9188. Boletaceae: *Boletellus ananas* (M. A. Curtis) Murrill var. *ananas*
9189. Boletaceae: *Boletellus exiguus* T. W. Henkel & Fulgenzi
9191. Clavulinaceae: *Clavulina amazonensis* Corner
9193. Clavulinaceae: *Clavulina effusa* Uehling, T. W. Henkel & Aime
9194. Clavulinaceae: *Clavulina pakaraimensis* Uehling, T. W. Henkel & Aime
9198. Boletaceae: *Tylopilus castaneoides* Husbands & T. W. Henkel
9203. Cantharellaceae: *Craterellus atratus* Corner
9204. Cantharellaceae: *Craterellus strigosus* T. W. Henkel, Aime & A. W. Wilson
9206. Clavulinaceae: *Clavulina kunmudlutsa* T. W. Henkel & Aime
9207. Clavulinaceae: *Clavulina cirrhata* (Berk.) Corner
9210. Clavulinaceae: *Clavulina sprucei* (Berk.) Corner
9212. Clavulinaceae: *Clavulina pakaraimensis* Uehling, T. W. Henkel & Aime
9219. Clavulinaceae: *Clavulina tepurumenga* T. W. Henkel & Aime
9223. Clavulinaceae: *Clavulina amazonensis* Corner
9232. Cantharellaceae: *Craterellus atratoides* Aime

9233. Boletaceae: *Fistulinella cinereoalba* Fulgenzi & T. W. Henkel
9244. Clavulinaceae: *Clavulina pakaraimensis* Uehling, T. W. Henkel & Aime
9245. Clavulinaceae: *Clavulina guyanensis* Uehling & T. W. Henkel
9257. Clavulinaceae: *Clavulina guyanensis* Uehling & T. W. Henkel
9259. Clavulinaceae: *Clavulina tepurumenga* T. W. Henkel & Aime
9265. Clavulinaceae: *Clavulina sprucei* (Berk.) Corner
9266. Clavulinaceae: *Clavulina cirrhata* (Berk.) Corner

IV. Collections by Determined Taxa

Indet.
Indet. sp.: 262, 263, 264, 368, 384, 463b, 513a, 674, 716, 752, 753, 754, 756, 893, 908, 969, 970, 971, 972, 974, 1015, 1057, 1058, 1061, 1063, 1078, 1127, 1128, 1154, 1231a, 1332, 1400, 1401, 1436, 1437c, 1448, 1559, 1599a, 1640a, 1690, 1787, 1854, 1871, 2045, 2214, 2221, 2294, 2683a, 3320, 3321, 3322, 3444, 3565, 3600, 3615, 3635, 3646, 4300, 4331, 4332, 4369, 4450, 4463, 4464, 4475, 4476, 4477, 4478, 4479, 4480a, 4649, 4749, 4883, 4956, 4957, 4958, 4960, 4963, 4990, 4991, 5010, 5011, 5012, 5016, 5022, 5056, 5070, 5150, 5211, 5340, 5342, 5394, 5416a, 5541, 5602, 5706, 5709, 5740, 5741, 5742, 5803, 5804, 5807, 5811, 5821, 5896, 5984, 5993, 6453, 6470, 6474, 6475, 6486, 6488, 6490, 6491, 6492, 6493, 6494, 6495, 6496, 6497, 6498, 6499, 6500, 6501, 6502, 6503, 6504, 6504a, 6505, 6513, 6522, 6536, 6540, 6624, 6625, 6626, 6629, 6631, 6632, 6661, 6668, 6672, 6673, 6677, 6684, 6685, 6704, 6705, 6709, 6721, 6745, 6866, 6869, 6881, 6882, 6891, 6892, 6909, 6916, 6917, 7019, 7045, 7048, 7098, 7127, 7128, 7146, 7149, 7153, 7154, 7169, 7183, 7184, 7185, 7186, 7187, 7188, 7200, 8041, 8096, 8097, 8159, 8202, 8267, 8287, 8314, 8332, 8333, 8334, 8335, 8336, 8337, 8358, 8376, 8469, 8580, 8646, 8649

Fungi
Agaricaceae
Agaricus sp.: 1033, 1082, 8322, 8630
Lepiota sp.: 305, 8135, 8157, 8315, 8324
Agaricales
Indet. sp.: 1023, 1030, 1031, 1032, 4373, 4439, 4890
Flammulina sp.: 4466
Amanitaceae
Indet. sp.: 6850
Amanita auranti-brunnea: 8040, 8508
Amanita auranticulata: 6589
Amanita aurantiobrunnea: 7409, 7444
Amanita aurantiovelata Schalkw. & G. M. Jansen: 6409, 6426, 6617
Amanita calochroa Simmons, Bas & T. W. Henkel: 7401, 7456, 7832, 8230, 8477
Amanita campinaranae Bas: 7056, 8006, 8248
Amanita cyanopus: 8454
Amanita lanivolva Bas: 6406, 6432, 6448, 6593, 6640, 6751, 7097, 7514, 7840, 8123
Amanita perphaea Simmons, T. W. Henkel & Bas: 7535, 8194, 8195
Amanita phaea Bas: 6408, 6915, 7002, 7041
Amanita sect. *lepidella*: 8247

Xerocomus sp.: 206, 4128, 4313, 6809, 6811, 6812, 6849, 6912, 7075, 7102, 7210, 7842, 8086, 8091, 8109, 8252, 8408, 8459, 8533
Xerocomus sp. 1: 7465, 8395
Xerocomus sp. 2: 7416, 7495
Xerocomus sp. 3: 7412
Xerocomus sp. 4: 7512
Xerocomus sp. 5: 7544, 7681
Xerocomus sp. 6: 7437, 7452
Xerocomus sp. a: 7042
Xerocomus sp. b: 7049
Xerocomus sp. c: 7060
Xerocomus sp. d: 7067
Xerocomus sp. e: 7068
Xerocomus sp. f: 7069
Xerocomus sp. h: 7086
Xerocomus sp. i: 7092
Xerocomus sp. j: 7109
Xerocomus sp. nov.: 6430, 6571, 8002, 8035, 8061, 8107
Cantharellaceae
Cantharellus atratus Corner: 8243
Cantharellus guyanensis Mont.: 6411, 6427, 6551, 6586, 6612, 6856, 7064, 7488, 7831, 8242
Cantharellus sp.: 8462, 8528
Cantharellus sp. a: 7014
Cantharellus sp. b: 7085
Craterellus atratoides Aime: 8473, 9232
Craterellus atratus Corner: 9203
Craterellus excelsus T. W. Henkel & Aime: 6556, 7432, 7515, 7550, 8235
Craterellus milleri T. W. Henkel & Aime: 6584, 6637, 6657
Craterellus orinocensis: 6415
Craterellus pleurotoides (T. W. Henkel, Aime, & S. L. Mill.) A. W. Wilson: 8382
Craterellus sp.: 6616, 7003, 7844, 8137
Craterellus sp. a: 7059
Craterellus sp. b: 7004, 7058
Craterellus sp. c: 7080
Craterellus sp. nov.: 1245
Craterellus strigosus T. W. Henkel, Aime & A. W. Wilson: 9204
Ceratiomyxaceae
Ceratiomyxa fructiculosa (O. F. Mull.) T. Mac.: 8660
Ceratiomyxa morchella A. L. Welden: 8650
Ceratiomyxa sphaerosperma Boedijn: 8647
Clavariaceae
Indet. sp.: 176, 249, 2959, 4374, 4891, 4892, 6443, 6557, 6560, 6594, 6646, 6648, 6753, 6900, 6901, 7018, 7426, 8266
Clavaria sp.: 1012, 7828, 7847, 7848, 8140, 8162, 8240, 8279, 8390, 8450, 8470, 8531, 8547
Clavaria zollingeri Lév.: 8301, 8452
Clavariadelphus sp.: 6758
Clavulinopsis calocera (G. W. Martin) Corner: 8256
Clavulinopsis sp.: 8255, 8407, 8418a, 8451, 8516, 8529
Lentoria sp.: 8464
Ramaria cyanocephala (Berk. & M. A. Curtis) Corner: 8146, 8639
Ramaria guyanensis Corner: 8205, 8502, 8594
Ramaria sp.: 7079b, 7104, 8571
Ramariopsis sp.: 8589
Scytinoporea sp.: 7850
Clavicipitaceae
Indet. sp.: 7009
Cordyceps sp.: 7010, 7011, 7112, 7113, 7116, 7827, 8058, 8099, 8100, 8298, 8499, 8566, 8593, 8598, 8607, 8608a, 8608b, 8611, 8618, 8619, 8634
Clavulinaceae
Clavulicium sp.: 8523, 8526
Clavulina amazonensis Corner: 6559, 6899, 7073, 8239, 8463, 8500, 8532, 8742, 9191, 9223
Clavulina caespitosa T. W. Henkel, Aeszaros & Aime: 6558, 6647, 7040, 7076, 8225, 8340, 8496, 8709
Clavulina cinereoglebosa Uehling, Aime & T. W. Henkel: 8561
Clavulina cirrhata (Berk.) Corner: 8940, 9002, 9207, 9266
Clavulina craterelloides Thacker & T. W. Henkel: 6590, 7493, 8234, 8520
Clavulina dicymbetorum T. W. Henkel, Aeszaros & Aime: 7582, 8192, 8326, 8478, 8536, 8730
Clavulina effusa Uehling, T. W. Henkel & Aime: 8244, 8386, 9193
Clavulina esculenta T. W. Henkel & Aime: 7012
Clavulina griseohumicola T. W. Henkel, Aeszaros & Aime: 8259, 8729
Clavulina guyanensis Uehling & T. W. Henkel: 9245, 9257
Clavulina humicola T. W. Henkel, Aeszaros & Aime: 8245, 8737
Clavulina kunmudlutsa T. W. Henkel & Aime: 7463, 8207, 8460, 8932, 9206
Clavulina monodiminutiva T. W. Henkel, Aeszaros & Aime: 8191, 8246, 8738
Clavulina nigricans Thacker & T. W. Henkel: 6754, 6847, 7440, 8125, 8284
Clavulina pakaraimensis Uehling, T. W. Henkel & Aime: 8254, 9194, 9212, 9244
Clavulina rosiramea Uehling, T. W. Henkel & Aime: 7652, 8574, 8954
Clavulina sp.: 4314, 6555, 8190, 8208, 8264, 8265, 8286, 8424, 8511, 8642
Clavulina sprucei (Berk.) Corner: 7537, 8221, 9122, 9210, 9265
Clavulina tepurumenga T. W. Henkel & Aime: 7431, 8217, 8498, 9219, 9259
Cookeina sp.: 8519
Cookeina sulcipes (Berk.) Kuntze: 7201
Cookerina tricholoma (Mart.) Kuntze: 2251, 8379
Coltrichiaceae
Coltricia montagnei (Fr.) Murrill: 8417b, 8558
Coltricia sp.: 8388

Hygrocybe conicus (Schaeff.) P. Kumm.: 8268
Hygrocybe sp.: 1024, 6412, 6413, 6419, 6421, 6422, 6440, 6569, 6596, 6598, 6606, 6607, 6643, 6755, 6756, 6851, 8065, 8138, 8173, 8196, 8291, 8316, 8327, 8369, 8403, 8404, 8422, 8530
Hygrophorus nigrescens (Quél.) Quél. var. *brevisporus*: 1029
Hygrophorus sp.: 7062, 7830
Hymenochaetaceae
Phellinus robustus (P. Karst.) Bourdot & Galzin: 8563, 8595, 8625, 8626
Phellinus sp.: 8521
Stipitochaete damaecornis (Link) Ryvarden: 1076, 8363
Hypocreaceae
Hypomyces sp.: 8643
Sphaerostilbe mammiformis Chardón: 8458
Hysterangiaceae
Hysterangium sp.: 8359, 8361, 8517, 8640, 8641
Lepiotaceae
Leucoagaricus sp.: 8540
Lycoperdaceae
Indet. sp.: 1014
Marasmiaceae
Lentinula sp.: 7056a
Mycenaceae
Xeromphalina sp.: 7053
Nidulariaceae
Cyathus sp.: 1013, 8045
Nidulariales
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Vismia guianensis (Aubl.) Choisy: 1110, 2527
Vismia japurensis Reichardt: 454
Vismia latifolia (Aubl.) Choisy: 1457, 2476
Vismia macrophylla Kunth: 4652, 5203, 5453
Vismia sp.: 695, 5683

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Cochlospermum orinocense (Kunth) Steud.: 3054

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Indet. sp.: 3124
Buchenavia fanshawei Exell & Maguire: 2126

Buchenavia megalophylla Van Heurck & Müll. Arg.: 1986
Buchenavia parvifolia Ducke: 3353
Buchenavia sp.: 3340
Buchenavia viridiflora Ducke: 3222, 5129
Combretum cacoucia Exell: 369, 575
Combretum fruticosum (Loefl.) Stuntz: 3657
Combretum laurifolium Mart.: 3463, 3703
Combretum laxum Jacq.: 2130, 2434, 2709, 3145, 3177, 3201, 3399, 5134
Combretum pyramidatum Desv.: 4570
Combretum rotundifolium Rich.: 1978, 2078, 3205, 3730, 4573, 5270
Conocarpus erectus var. *erectus* L.: 2612
Laguncularia racemosa (L.) C. F. Gaertn.: 2663
Terminalia amazonia (J. F. Gmel.) Exell: 2110, 2706
Terminalia dichotoma G. May.: 564, 2047, 3610

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Achyrocline vargasiana DC.: 5575
Ageratum conyzoides L.: 6670
Austroeupatorium inulaefolium (Kunth) R. M. King & H. Rob.: 5543
Ayapana amygdalina (Lam.) R. M. King & H. Rob.: 759, 2557, 3733
Baccharis brachylaenoides DC.: 1475
Bidens alba var. *radiata* (Sch. Bip.) R. E. Ballard: 2625
Bidens cynapiifolia Kunth: 6547
Calea caleoides (DC.) H. Rob.: 394, 3446
Calea oliveri B. L. Rob. & Greenm.: 1041, 1602, 2406, 5677, 5752, 5992
Calea solidaginea ssp. *deltophylla* (R. S. Cowan) Pruski: 5582, 5664
Centratherum punctatum Cass.: 2050, 2945, 3952, 6875
Chaptalia integerrima (Vell.) Burkart: 5578
Chromolaena odorata (L.) R. M. King & H. Rob.: 807, 3048
Chromolaena pharcidodes (B. L. Rob.) R. M. King & H. Rob.: 1479
Chromolaena thurnii (B. L. Rob.) R. M. King & H. Rob.: 1087
Clibadium armani (Balb.) Sch. Bip. ex O. E. Schulz: 225, 808, 2776
Clibadium surinamense L.: 609, 659, 2598a, 2730, 5534
Conyza bonariensis (L.) Cronquist: 5564
Cyrtocymura scorpioides (Lam.) H. Rob.: 2642
Egletes prostrata (Sw.) Kuntze: 2594, 2638
Elephantopus mollis Kunth: 3953
Elephantopus pilosus Philipson: 431, 2943
Emilia fosbergii Nicolson: 215
Emilia sonchifolia (L.) DC.: 660
Erechtites hieracifolius (L.) Raf. ex DC.: 6664
Gochnatia oligocephala (Gardner) Cabrera: 5584
Ichthyothere terminalis (Spreng.) S. F. Blake: 2549, 2819, 5242, 5418
Lepidaploa bolivarensis (V. M. Badillo) H. Rob.: 226, 6546
Lepidaploa gracilis (Kunth) H. Rob.: 3295, 4576, 5274
Mikania banisteriae DC.: 4403
Mikania boomii Pruski: 128
Mikania duidensis B. L. Rob.: 95
Mikania micrantha Kunth: 6870
Mikania pannosa Baker: 1048
Mikania psilostachya DC.: 3420, 3933, 5425, 5768
Mikania sp.: 1521
Mikania sprucei Baker: 1612
Mikania trinitaria DC.: 766, 806
Orthopappus angustifolius (Sw.) Gleason: 796, 5692
Piptocarpha poeppigiana (DC.) Baker: 2912
Piptocarpha triflora (Aubl.) Benn. ex Baker: 5308
Piptocoma roraimensis (Steyerm.) Pruski: 5966
Piptocoma schomburgkii (Sch. Bip.) Pruski: 5464, 5904, 6507
Riencourtia pedunculosa (Rich.) Pruski: 5479
Rolandra fruticosa (L.) Kuntze: 393
Sphagneticola trilobata (L.) Pruski: 2596, 2598
Stomatochaeta condensata (Baker) Maguire & Wurdack: 240
Trichogonia arguta (Kunth) Benth. & Hook. f. ex Klatt: 5424, 5527
Unxia camphorata L. f.: 2600
Verbesina guianensis Baker: 1038
Wedelia calycina Rich.: 5481
Wulffia baccata (L. f.) Kuntze: 516, 997, 1218, 1361, 2487, 2811, 3694, 4093, 5512, 5596
Xiphochaeta aquatica Poepp.: 5285

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Indet. sp.: 3149, 5408
Cnestidium guianense (G. Schellenb.) G. Schellenb.: 2073
Connarus coriaceus G. Schellenb.: 1715, 2583, 3404, 3624, 3667, 3782, 5378
Connarus patrisii (DC.) Planch.: 2011
Connarus rigidus Forero: 3664, 4803
Pseudoconnarus subtriplinervis (Radlk.) G. Schellenb.: 2083
Rourea frutescens Aubl.: 603, 1724, 1796
Rourea grosourdyana Baill.: 3679
Rourea ligulata Baker: 3182
Rourea revoluta Planch.: 3385
Rourea sp.: 3294, 4782
Rourea surinamensis Miq.: 5105

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Indet. sp.: 612, 757, 1192, 3629, 3865
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Calycobolus glaber (Kunth) House: 3332
Ipomoea pes-caprae (L.) R. Br.: 2629
Ipomoea sp.: 3373, 3605, 4884, 5052, 5322
Jacquemontia sp.: 3377, 3625, 5506
Lysiostyles scandens Benth.: 1720
Maripa glabra Choisy: 5025
Maripa paniculata Barb. Rodr.: 6878
Maripa scandens Aubl.: 338
Maripa sp.: 1779
Merremia cissoides (Lam.) Hallier f.: 3630
Merremia macrocalyx (Ruiz & Pav.) O'Donell: 2490, 3267, 3530, 3626

Merremia umbellata (L.) Hallier f.: 3490
Operculina sericantha (Miq.) Ooststr.: 3582
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Kalanchoe pinnata (Lam.) Pers.: 3680
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Indet. sp.: 958, 1537, 5081, 5366
Cayaponia cruegeri (Naudin) Cogn.: 5390
Cayaponia racemosa (Mill.) Cogn.: 2916
Cayaponia selysioides C. Jeffrey: 5207
Coccinia grandis (L.) Voigt: 2665
Gurania huberi Cogn.: 1311
Gurania nigrescens C. Jeffrey: 952
Gurania simplicifolia (Steyerm.) C. Jeffrey: 1350
Gurania sinuata (Benth.) Cogn.: 2969, 3618
Gurania sp.: 2009, 5153
Helmontia sp.: 4717
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Weinmannia guyanensis Klotzsch ex Engl.: 1524
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Cyrilla racemiflora L.: 702, 2459, 2497
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Dichapetalum pedunculatum (DC.) Baill.: 1691
Tapura capitulifera Baill.: 2087
Tapura guianensis Aubl.: 546, 1833, 2043, 3250, 4660
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Curatella americana L.: 2507
Davilla kunthii A. St.-Hil.: 781, 2564, 3702, 5581
Davilla nitida (Vahl) Kubitzki: 2307
Doliocarpus brevipedicellatus Garcke: 6803, 7172
Doliocarpus dentatus ssp. *dentatus* (Aubl.) Standl.: 3386
Doliocarpus guianensis (Aubl.) Gilg: 1835, 2030, 5851
Doliocarpus macrocarpus Mart. ex Eichler: 1108, 5234
Doliocarpus major ssp. *major* J. F. Gmel.: 5737, 6051
Doliocarpus savannarum Sandwith: 275, 2370
Doliocarpus spraguei Cheesman: 2064, 2535, 3789, 5767
Pinzona coriacea Mart. & Zucc.: 4942
Tetracera asperula Miq.: 2381, 2530, 2537
Tetracera costata Mart. ex Eichler: 2066
Tetracera sp.: 2716
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Drosera roraimae (Klotzsch ex Diels) Maguire & J. R. Laundon: 129, 5890
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Diospyros dichroa Sandwith: 6053
Diospyros guianensis (Aubl.) Gürke: 1862, 1937, 4568, 5133
Diospyros guianensis ssp. *guianensis* (Aubl.) Gürke: 2590
Diospyros ierensis Britton: 2284
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Sloanea crassifolia Earle Sm.: 53
Sloanea grandiflora Sm.: 2890, 7143
Sloanea sp.: 374, 1732, 2147, 2736, 3592, 5754, 6006
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Indet. sp.: 1568, 1646, 5570
Bejaria sprucei Meisn.: 1052, 1611, 5571, 5586
Cavendishia callista Donn. Sm.: 1364, 4292, 4293, 6476, 6699
Cavendishia sp.: 1343, 4389
Notopora schomburgkii Hook. f.: 278, 2379
Orthaea apophysata (Griseb.) A. C. Sm.: 2314
Psammisia guianensis Klotzsch: 4415
Psammisia urichiana (Britton) A. C. Sm.: 4297, 4390
Satyria carnosiflora Lanj.: 135, 4399
Satyria panurensis (Benth. ex Meisn.) Hook. f. ex Nied.: 1252, 2257, 4625, 5210
Sphyrospermum buxifolium Poepp. & Endl.: 1329
Sphyrospermum cordifolium Benth.: 1204, 1330, 1331, 2328, 4104, 5942, 5981, 6530
Sphyrospermum ellipticum Sleumer: 4654
Thibaudia nutans Klotzsch ex Mansf.: 271, 2372
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Vaccinium puberulum Klotzsch ex Meisn.: 277, 2302, 6532
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Erythroxylum cumanense Kunth: 2636
Erythroxylum mucronatum Benth.: 5239
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Erythroxylum tianguanum T. Plowman: 937
Erythroxylum vernicosum O. E. Schulz: 3546
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Acalypha diversifolia Jacq.: 2848
Acalypha sp.: 3748
Adenophaedra grandifolia (Klotz.) Müll. Arg.: 6027, 6459
Alchornea discolor Poepp.: 3389, 6877
Alchornea schomburgkii Klotzsch: 5327
Alchornea triplinervia (Spreng.) Müll. Arg.: 4421
Alchorneopsis floribunda (Benth.) Müll. Arg.: 6794
Amanoa guianensis Aubl.: 672, 1864, 5120a, 5126, 5875
Antidesma ghaesembilla Gaertn.: 2653, 2654
Aparisthmium cordatum (A. Juss.) Baill.: 1247, 1671, 5853, 7121
Aparisthmium sp.: 5861
Chaetocarpus schomburgkianus (Kuntze) Pax & K. Hoffm.: 1837, 2332, 5003, 6820
Cnidoscolus urens (L.) Arthur: 3452
Conceveiba guianensis Aubl.: 1716, 1961
Croton cajucara Benth.: 3905
Croton cuneatus Klotzsch: 1976, 3085, 4613, 4632
Croton matourensis Aubl.: 5504, 5751, 5758
Croton palanostigma Klotzsch: 5029
Croton potaroensis Lanj.: 851
Croton subincanus Müll. Arg.: 2300
Croton trinitatis Millsp.: 633, 2671

Discocarpus essequeboensis Klotzsch: 4584, 5309
Drypetes variabilis Uittien: 3529
Hevea pauciflora (Spruce ex Benth.) Müll. Arg.: 562
Jablonskia congesta (Benth. ex Müll. Arg.) G. L. Webster: 5281
Jatropha gossypiifolia L.: 2623, 3394
Mabea anomala Müll. Arg.: 2157a
Mabea montana Müll. Arg.: 651, 5760
Mabea rubicunda Jabl.: 6009
Mabea speciosa Müll. Arg.: 1305
Mabea speciosa ssp. *guianensis* Esser: 5074
Mabea taquari Aubl.: 3160, 3356, 4560
Manihot sp.: 2041
Maprounea guianensis Aubl.: 2055, 2070, 6806
Margaritaria nobilis L. f.: 2920, 3544, 3761, 4777
Micrandra glabra (R. E. Schult.) R. E. Schult.: 52, 4327, 6827, 7189
Microstachys corniculata (Vahl) Griseb.: 624
Omphalea diandra L.: 3009
Pausandra martinii Baill.: 5835
Pausandra sp.: 5791
Pera glabrata (Schott) Poepp. ex Baill.: 2065
Pera nitida (Benth.): 782
Pera schomburgkiana (Klotzsch) Müll. Arg.: 5883
Pera sp.: 6788
Phyllanthus caroliniensis Walter: 5291
Phyllanthus juglandifolius Willd.: 3811
Phyllanthus majus Steyerm.: 96
Phyllanthus myrsinites ssp. *myrsinites* Kunth: 5247
Phyllanthus stipulatus (Raf.) G. L. Webster: 2791, 3155, 5860
Phyllanthus urinaria L.: 628
Phyllanthus vacciniifolius (Müll. Arg.) Müll. Arg.: 2374
Plukenetia loretensis Ule: 3106
Plukenetia polyadenia Müll. Arg.: 6013, 6033
Rhodothyrsus macrophyllus (Ducke) Esser: 4758
Sagotia brachysepala (Müll. Arg.) Secco: 3117, 5023, 5131
Sapium glandulosum (L.) Morong: 3560, 5470
Tragia fendleri Müll. Arg.: 2933

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Indet. sp.: 870, 996a, 1870, 2068, 2815, 3404a, 3470, 3756a, 3944, 5509, 5879, 6860, 6880
Abarema barbouriana (Standl.) Barneby & J. W. Grimes: 5971
Abarema jupunba var. *trapezifolia* (Vahl) Barneby & J. W. Grimes: 1823, 2558
Abrus precatorius L.: 3417
Acacia farnesiana var. *farnesiana* (L.) Willd.: 2611
Acacia macracantha Humb. & Bonpl. ex Willd.: 2673
Acosmium nitens (Vogel) Yakovlev: 2007, 2081, 5395
Acosmium sp.: 3073
Aeschynomene histrix Poir.: 2805
Aeschynomene paniculata Willd. ex Vogel: 3989
Aeschynomene sensitiva Sw.: 2112
Albizia sp.: 5055
Aldina insignis (Benth.) Endl.: 6797
Alexa sp.: 6842
Anadenanthera peregrina (L.) Speg.: 3493, 3650
Andira inermis ssp. *inermis* (W. Wright) Kunth ex DC.: 2645
Andira surinamensis (Bondt) Splitg. ex Amshoff: 3643
Bauhinia aculeata L.: 2950
Bauhinia cupreonitens Ducke: 5068
Bauhinia glabra Jacq.: 3577
Bauhinia kunthiana Vogel: 2079, 2710, 5999
Bauhinia rubiginosa Bong.: 3534
Bauhinia sp.: 2433
Bauhinia ungulata L.: 3455, 3644
Bowdichia virgilioides Kunth: 3502
Brownea coccinea Jacq.: 322
Brownea sp.: 1943
Calliandra laxa var. *stipulacea* (Benth.) Barneby: 3121
Calliandra riparia Pittier: 939
Calliandra stipulacea Benth.: 3701
Calliandra surinamensis Benth.: 1679, 1974, 2224, 5404, 5832
Calopogonium caeruleum (Benth.) C. Wright: 3497
Calopogonium mucunoides Desv.: 486, 3105
Calopogonium sp.: 3489
Campsiandra comosa var. *surinamensis* (Kleinhoonte) Stergios: 1754
Canavalia dictyota Piper: 2630
Canavalia grandiflora Benth.: 3408
Canavalia sp.: 3549
Cassia moschata Kunth: 3405, 3531, 3621
Centrosema angustifolium (Kunth) Benth.: 5866
Centrosema brasilianum (L.) Benth.: 3627
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Chamaecrista adiantifolia var. *pteridophylla* (Sandwith) H. S. Irwin & Barneby: 6035, 6831
Chamaecrista apoucouita (Aubl.) H. S. Irwin & Barneby: 6781, 6863
Chamaecrista desvauxii var. *mollissima* (Benth.) H. S. Irwin & Barneby: 729, 943, 2800, 3554
Chamaecrista diphylla (L.) Greene: 2504, 5859
Chamaecrista fagonioides (Vogel) H. S. Irwin & Barneby: 5488
Chamaecrista flexuosa (L.) Greene: 787, 2512, 3673
Chamaecrista hispidula (Vahl) H. S. Irwin & Barneby: 3661
Chamaecrista nictitans ssp. *disadena* (Steud.) H. S. Irwin & Barneby: 5525, 6862
Chamaecrista nictitans var. *paraguariensis* (Chodat & Hassl.) H. S. Irwin & Barneby: 845
Chamaecrista ramosa var. *ramosa* (Vogel) H. S. Irwin & Barneby: 2517, 2567
Chamaecrista roraimae (Benth.) Gleason: 1139, 1565, 5420, 5523, 5633
Chamaecrista viscosa var. *major* (Benth.) H. S. Irwin & Barneby: 2552
Clathrotropis macrocarpa Ducke: 6789, 7161
Clathrotropis paradoxa Sandwith: 2127
Clathrotropis sp.: 559
Clitoria brachycalyx Harms: 3501
Clitoria falcata Lam.: 3857

Clitoria guianensis (Aubl.) Benth.: 758, 795, 3541
Clitoria sp.: 590, 2376, 3398, 5969
Crotalaria maypurensis Kunth: 2554
Crotalaria perrottetii DC.: 2658
Crotalaria pilosa Mill.: 2790, 3652
Crotalaria retusa L.: 2471
Crotalaria sagittalis L.: 3735
Cynometra bauhiniifolia Benth.: 3216
Dalbergia monetaria L. f.: 487, 1843b, 2016
Dalbergia riedelii (Benth.) Sandwith: 2334, 2435
Deguelia amazonica Killip: 3347
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Desmodium axillare (Sw.) DC.: 2947
Desmodium barbatum (L.) Benth.: 468
Desmodium sclerophyllum Benth.: 3436, 3707
Dialium guianense (Aubl.) Sandwith: 3184, 3325, 4580, 5311, 5314
Dicymbe altsonii Sandwith: 1325, 6582, 6799
Dicymbe corymbosa Spruce ex Benth.: 6583, 8542
Dicymbe fraterna R. S. Cowan: 5958
Dicymbe jenmanii Sandwith: 2310, 6829
Dimorphandra macrostachya Benth.: 2311, 6825
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Dioclea malacocarpa Ducke: 5312
Dioclea reflexa Hook. f.: 3202
Dioclea scabra (Rich.) R. H. Maxwell: 1757, 2759
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Dioclea violacea Mart. ex Benth.: 2651, 3616
Dioclea virgata (Rich.) Amshoff: 2525, 3081
Diplotropis purpurea (Rich.) Amshoff: 6787, 7181
Elizabetha coccinea var. *coccinea* Schomb. ex Benth.: 3566, 3662
Elizabetha coccinea var. *oxyphylla* (Harms) R. S. Cowan: 1969
Entada polyphylla Benth.: 2116, 3580, 4869
Entada polystachya (L.) DC.: 2641
Eperua falcata Aubl.: 321, 4142, 4655, 6800
Eperua glabra R. S. Cowan: 4598
Eperua grandiflora ssp. *guyanensis* R. S. Cowan: 2715
Eperua jenmanii Oliv.: 478, 1863
Eperua rubiginosa Miq.: 649, 3100, 4587
Eperua schomburgkiana Benth.: 388, 669, 1798, 2474, 2752
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Eriosema crinitum (Kunth) G. Don: 1182
Eriosema simplicifolium (Kunth) G. Don: 2773
Eriosema sp.: 2792
Eriosema violaceum (Aubl.) G. Don: 3561
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Hydrochorea gonggrijpii (Kleinhoonte) Barneby & J. W. Grimes: 1718, 2223
Hymenaea courbaril L.: 3669
Hymenolobium petraeum Ducke: 3780
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Indigofera lespedezioides Kunth: 2813, 3734
Indigofera suffruticosa Mill.: 2610, 3376, 3942
Inga alba (Sw.) Willd.: 6859
Inga aubrevilleana: 843
Inga auristellae Harms: 4778
Inga bourgoni (Aubl.) DC.: 1955
Inga brachystachys Ducke: 5224
Inga cayennensis Sagot ex Benth.: 3498
Inga disticha Benth.: 3204
Inga heterophylla Willd.: 359, 377, 2478
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Lonchocarpus heptaphyllus (Poir.) DC.: 2067
Lonchocarpus sp.: 2646
Machaerium ferox (Mart. ex Benth.) Ducke: 343, 1865, 3293
Machaerium floribundum var. *floribundum* Benth.: 547
Machaerium inundatum (Mart. ex Benth.) Ducke: 1860, 2012
Machaerium leiophyllum (DC.) Benth.: 3226, 4566
Machaerium lunatum (L. f.) Ducke: 2637
Machaerium myrianthum Spruce ex Benth.: 2062
Machaerium quinatum (Aubl.) Sandwith: 339, 378, 1179, 3120, 3622, 1805, 3146
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Macrolobium acaciifolium Benth.: 2129, 3079, 5113
Macrolobium angustifolium (Benth.) R. S. Cowan: 2437, 3107, 4779, 5102
Macrolobium bifolium (Aubl.) Pers.: 341, 1195, 1803, 5872
Macrolobium suaveolens Spruce ex Benth.: 7167
Macrosamanea pubiramea (Steud.) Barneby & J. W. Grimes: 1717, 2069
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Mimosa camporum Benth.: 3863
Mimosa myriadenia Benth.: 1183, 1196, 1938, 4617
Mimosa pellita Humb. & Bonpl. ex Willd.: 2097
Mimosa pudica var. *tetrandra* L.: 2942
Mimosa pudica var. *unijuga* (Walp. & Duchass.) Griseb.: 2672, 3864
Mimosa quadrivalvis var. *leptocarpa* (DC.) Barneby: 3941
Mimosa surumuensis Harms: 3948, 5574
Mora excelsa Benth.: 1169, 2046, 5858
Mora gonggrijpii (Kleinhoonte) Sandwith: 2533, 6816
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Mucuna urens (L.) Medik.: 2431, 2951
Ormosia coccinea (Aubl.) Jacks: 6801

Ormosia costulata (Miq.) Kleinhoonte: 268
Ormosia sp.: 2570, 3180, 3364, 5170
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Paramachaerium ormosioides (Ducke) Ducke: 2143, 6798
Parkia ulei (Harms) Kuhlm.: 3324
Peltogyne paniculata ssp. *pubescens* (Benth.) M. F. Silva: 3641, 5726
Peltogyne sp.: 3663
Peltophorum dubium (Spreng.) Taub.: 2640
Pentaclethra macroloba (Willd.) Kuntze: 336, 1819, 2439, 5867, 7140
Pithecellobium pedicellare Benth.: 7151
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Pterocarpus officinalis Jacq.: 1750
Pterocarpus santalinoides L'Hér. ex DC.: 5122
Pueraria phaseoloides (Roxb.) Benth.: 517
Rhynchosia phaseoloides (Sw.) DC.: 3333
Rhynchosia schomburgkii Benth.: 5460, 5769
Sclerolobium guianense Benth.: 2124, 6807
Sclerolobium sp.: 6770
Senegalia podadenia Britton & Killip: 950
Senna bacillaris var. *bacillaris* (L. f.) H. S. Irwin & Barneby: 3535
Senna latifolia (G. Mey.) H. S. Irwin & Barneby: 2312, 2521, 3559, 5756, 5831
Senna multijuga (Rich.) H. S. Irwin & Barneby: 2463, 3360, 3496, 5393
Senna obtusifolia (L.) H. S. Irwin & Barneby: 2938, 3362
Senna occidentalis (L.) Link: 2468, 3363, 3943
Senna quinquangulata (Rich.) H. S. Irwin & Barneby: 371, 415, 2921
Senna reticulata (Willd.) H. S. Irwin & Barneby: 623, 2481
Senna silvestris (Vell.) H. S. Irwin & Barneby: 3272
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Senna undulata (Benth.) H. S. Irwin & Barneby: 3375, 3686
Stylosanthes guianensis (Aubl.) Sw.: 821, 2508
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Swartzia anomala R. S. Cowan: 5233
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Peltaea speciosa (Kunth) Standl.: 804, 2505a, 3516, 3542, 5499
Peltaea trinervis (C. Presl) Krapov. & Cristóbal: 3359, 3631, 3955
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Aciotis indecora (Bonpl.) Triana: 4246
Aciotis laxa (DC.) Cogn.: 455, 353, 909, 1207, 1257, 1336
Aciotis purpurascens (Aubl.) Triana: 453, 470, 801, 3883, 4621, 4665, 5973
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Acisanthera limnobios (DC.) Triana: 3449
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Acisanthera uniflora (Vahl) Gleason: 2794, 3634
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Clidemia capitellata (Bonpl.) D. Don: 5540, 6502a
Clidemia capitellata var. *capitellata* (Bonpl.) D. Don: 790
Clidemia capitellata var. *dependens* (Pav. & D. Don) J. F. Macbr.: 895
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Clidemia conglomerata DC.: 179, 315, 1201, 2267, 4993, 4999, 6867
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Clidemia hirta (L.) D. Don: 2599, 5554, 5689, 6676, 6876
Clidemia hirta var. *elegans* (Aubl.) Griseb.: 3503
Clidemia hirta var. *hirta* (L.) D. Don: 411, 663, 876, 3891
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Clidemia japurensis DC.: 4622
Clidemia japurensis var. *heterobasis* (DC.) Wurdack: 5146
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Clidemia minutiflora (Triana) Cogn.: 1339, 2161, 4715, 4730, 6462

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Miconia stenostachya DC.: 692, 3471a, 3775, 5655
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Miconia tillettii Wurdack: 1441, 4396
Miconia tomentosa (Rich.) D. Don ex DC.: 5871
Miconia trimera Wurdack: 5700
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Mouriri grandiflora DC.: 3206, 4572, 5112
Mouriri guianensis Aubl.: 3211
Mouriri sp.: 2607, 3181, 5093, 5173, 5286, 5385
Myriaspora egensis DC.: 3593, 3888
Phainantha laxiflora (Triana) Gleason: 1689, 4280
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Rhynchanthera hispida Naudin: 3563
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Tococa erythrophylla (Ule) Wurdack: 58, 4365, 4427
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Tococa nitens (Benth.) Triana: 1601, 2454, 5249, 5947a
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Trichilia pallida Sw.: 3499, 3816
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Trichilia surinamensis (Miq.) C. DC.: 2967, 3595
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Indet. sp.: 2631
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Cissampelos ovalifolia DC.: 2505b, 3648
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Ficus nymphaeifolia Mill.: 1861
Ficus paraensis (Miq.) Miq.: 408, 490, 2029, 2444, 2681, 2922, 3335, 4769, 5043, 5998
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Ficus roraimensis C. C. Berg: 3821
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Iryanthera sp.: 2913, 4780, 5063, 6768
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Virola calophylla (Spruce) Warb.: 3585, 3787
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Indet. sp.: 2216, 5748
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Ardisia guianensis (Aubl.) Mez: 1880, 4953
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Cybianthus fulvopulverulentus ssp. *magnoliifolius* (Mez) Pipoly: 2516
Cybianthus guyanensis ssp. *multipunctatus* (A. DC.) Pipoly: 2397
Cybianthus lepidotus (Gleason) G. Agostini: 1657
Cybianthus pakaraimae Pipoly: 2348, 5793
Cybianthus prieurii A. DC.: 708, 5770
Cybianthus roraimae (Steyerm.) G. Agostini: 1476
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Cybianthus sp. nov.: 1333
Cybianthus surinamensis (Spreng.) G. Agostini: 1867, 2114, 5552
Cybianthus venezuelanus Mez: 4206, 4372
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Myrsine maguireana Pipoly: 1656
Myrsine nitida (Mez) Pipoly: 1117
Stylogyne lasseri (Lundell) Pipoly: 4754
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Eugenia polystachya Rich.: 1188
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Eugenia tapacumensis O. Berg: 3214, 5143
Eugenia tetramera (McVaugh) M. L. Kawas. & B. Holst: 4868
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Marlierea ferruginea (Poir.) McVaugh: 888
Marlierea guildingiana (Griseb.) Krug & Urb.: 645
Marlierea karuaiensis (Steyerm.) McVaugh: 4326, 6022
Marlierea schomburgkiana O. Berg: 1762, 2022
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Myrcia albidotomentosa (Amshoff) McVaugh: 141, 2315
Myrcia bracteata (Rich.) DC.: 1443, 2772a
Myrcia deflexa (Poir.) DC.: 1184, 5456
Myrcia fallax (Rich.) DC.: 1051, 1113, 1121, 5682, 6049
Myrcia guianensis (Aubl.) DC.: 689, 829, 2477, 5502, 5623
Myrcia inaequiloba (DC.) D. Legrand: 773, 859, 4585, 5114
Myrcia multiflora (Lam.) DC.: 1114, 4984
Myrcia sp.: 1511, 1514, 1793, 2316
Myrcia splendens (Sw.) DC.: 3949, 5260
Myrcia subobliqua (Benth.) Neidenzu: 442, 648, 1802, 4634, 5171
Myrcia sylvatica (G. Mey.) DC.: 686, 1045, 1512, 2356, 2540, 5569, 5643
Myrcia tomentosa (Aubl.) DC.: 1173, 1175, 5517
Myrciaria dubia (Kunth) McVaugh: 5287
Myrciaria vismeifolia (Benth.) O. Berg: 1970
Psidium acutangulum DC.: 1981
Psidium laruotteanum Cambess.: 5522
Psidium salutare (Kunth) O. Berg: 880, 1171, 3479, 5501
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Ouratea leblondii (Tiegh.) Lemée: 2319
Ouratea mazaruniensis A. C. Sm. & Dwyer: 2402
Ouratea riparia Sleumer: 5359
Ouratea roraimae Engl.: 703
Ouratea soderstromii Sastre: 6012
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Sauvagesia elata Benth.: 354, 1696
Sauvagesia erecta L.: 620, 696, 849, 6487
Sauvagesia linearifolia A. St.-Hil.: 6548
Sauvagesia longipes Steyerm.: 64, 1486, 4294
Sauvagesia roraimensis Ule: 1107
Sauvagesia rubiginosa A. St.-Hil.: 3557
Sauvagesia sp.: 6723
Sauvagesia sprengelii A. St.-Hil.: 2531, 5888
Olacaceae
Aptandra liriosmoides Spruce ex Miers: 1468
Chaunochiton kappleri (Sagot ex Engl.) Ducke: 3824
Dulacia guianensis (Engl.) Kuntze: 652, 2136
Heisteria cauliflora Sm.: 1759, 1971, 5163
Heisteria sp.: 1866, 4722, 4788
Onagraceae
Ludwigia affinis (DC.) H. Hara: 2076
Ludwigia dodecandra (DC.) Zardini & P. H. Raven: 606
Ludwigia inclinata (L. f.) M. Gómez: 3963
Ludwigia latifolia (Benth.) H. Hara: 451, 2766, 4624, 4775
Ludwigia nervosa (Poir.) H. Hara: 730, 2793, 3957, 5533
Ludwigia rigida (Miq.) Sandwith: 2804, 3402
Ludwigia sp.: 3514, 3967, 5339
Opiliaceae
Agonandra brasiliensis Miers ex Benth. & Hook. f.: 3583, 3781
Oxalidaceae
Oxalis frutescens L.: 882, 1968, 5487, 5576
Oxalis juruensis Diels: 3471b
Passifloraceae
Indet. sp.: 2447, 3223, 3802, 4889

Dilkea sp.: 1808, 2101
Mitostemma glaziovii Mast.: 3708, 5391
Passiflora aages Feuillet: 4444
Passiflora acuminata DC.: 2520
Passiflora angusta Feuillet & J. M. MacDougal: 1034
Passiflora ascidia Feuillet: 1106, 5560, 6010
Passiflora auriculata Kunth: 2058
Passiflora balbis Feuillet: 1362, 3445, 3488, 3725, 3822, 4499
Passiflora capsularis L.: 2934
Passiflora coccinea Aubl.: 959, 2919
Passiflora costata Mast.: 3289, 3400, 5184
Passiflora foetida var. *foetida* L.: 644
Passiflora garckei Mast.: 2422
Passiflora glandulosa Cav.: 678, 1186, 1897, 2039, 2844, 3139
Passiflora ovata Jos. Martin ex DC.: 2004
Passiflora pedata L.: 3407
Passiflora quadriglandulosa Rodschied: 529
Passiflora retipetala Mast.: 4433
Passiflora sp.: 2717, 3392
Passiflora tecta Feuillet: 485
Passiflora vespertilio L.: 2407, 3219, 5269, 5335
Pedaliaceae
Sesamum orientale L.: 2469
Sesamum radiatum Schum. & Thonn.: 3365
Pentaphylacaceae
Ternstroemia sp.: 780, 1091, 1624, 2380, 3299, 6729
Phytolaccaceae
Microtea debilis Sw.: 630
Phytolacca rivinoides Kunth & C. D. Bouché: 1216, 3409, 4150, 5988
Seguieria macrophylla Benth.: 3724
Piperaceae
Peperomia alata Ruiz & Pav.: 4151
Peperomia blanda (Jacq.) Kunth: 5658
Peperomia elongata Kunth: 4604a, 5089, 6039
Peperomia emarginella (Sw. ex Wikstr.) C. DC.: 4685, 4964, 6473
Peperomia glabella (Sw.) A. Dietr.: 2183, 4610, 4711, 5090
Peperomia lancifolia Hook.: 1405, 4419, 4455, 1217
Peperomia macrostachya (Vahl) A. Dietr.: 852, 947, 2682, 3136, 4194, 6003, 6041
Peperomia magnoliifolia (Jacq.) A. Dietr.: 4604, 4712
Peperomia pernambucensis Miq.: 4876
Peperomia quadrangularis (J. V. Thomps.) A. Dietr.: 2862
Peperomia quadrifolia (L.) Kunth: 946
Peperomia reptans C. DC.: 4356, 4434
Peperomia rotundifolia (L.) Kunth: 2684, 4193, 4243, 5096, 5144
Peperomia serpens (Sw.) Loudon: 4735, 4818
Peperomia sp.: 323, 2169, 5790, 6472, 6700, 6717
Piper aduncum L.: 233, 2096, 2480, 3914, 5535
Piper aequale Vahl: 960, 962, 5814
Piper alatabaccum Trel. & Yunck.: 418
Piper anonifolium (Kunth) C. DC.: 2894
Piper anonifolium var. *parkerianum* (C. DC.) Steyerm: 1357
Piper arboreum Aubl.: 1945, 2893, 2895, 4091, 4199
Piper augustum Rudge: 4198
Piper avellanum (Miq.) C. DC.: 2882
Piper baccans (Miq.) C. DC.: 319, 2038
Piper bartlingianum (Miq.) C. DC.: 5302
Piper cernuum Vell.: 2347
Piper cililimbum Yunck.: 2215
Piper ciliomarginatum Görts & Christenhusz: 2166, 2231
Piper consanguineum Kunth: 2864, 3128
Piper cuyunianum Steyerm.: 1387, 1466
Piper demeraranum (Miq.) C. DC.: 1269
Piper dilatatum Rich.: 3749
Piper duidaense Trel. ex Gleason: 4412
Piper fanshawei Yunck.: 4420
Piper foveolatum Kunth ex C. DC.: 4694
Piper glabrescens (Miq.) C. DC.: 1676, 4264
Piper hispidum Sw.: 496, 963, 1960, 2823, 3912, 4950
Piper hostmannianum (Miq.) C. DC.: 2688, 2849, 3767, 3911, 4090
Piper insipiens Trel. & Yunck.: 2185, 2268, 2285, 2762, 2767, 3913, 4200
Piper marginatum Jacq.: 3910
Piper ovatum Vahl: 5603
Piper peltatum L.: 2887
Piper perstipulare Steyerm.: 165, 1268, 1406, 1427, 4085, 4196, 4197, 4996
Piper piscatorum Trel. & Yunck.: 4881
Piper poiteanum Kunth: 5147
Piper pseudoglabrescens Trel. & Yunck.: 961, 1312, 2824, 5795
Piper rupununianum Trel. & Yunck.: 4411
Piper sp.: 964, 1887, 1924, 1925, 2971, 4603, 4887, 5031
Piper trichoneuron (Miq.) C. DC.: 1480
Pothomorphe peltata (L.) Miq.: 2040
Podostemaceae
Apinagia longifolia (Tul.) P. Royen: 3454
Polygalaceae
Indet. sp.: 3494, 5208, 5498, 5577
Barnhartia floribunda Gleason: 2023, 3411
Bredemeyera floribunda Willd.: 3487
Bredemeyera lucida (Benth.) Klotzsch ex Hassk.: 2514
Moutabea guianensis Aubl.: 6871
Polygala adenophora DC.: 725, 5887, 5953, 6683
Polygala appressa Benth.: 41, 1610a
Polygala longicaulis Kunth: 3861
Polygala sanariapoana Steyerm.: 3654
Polygala sp.: 4550, 5462, 5628, 6535
Polygala spectabilis DC.: 1040, 5618
Polygala timoutoides var. *maguirei* (Wurdack) Marques: 3966
Polygala timoutou Aubl.: 2795
Polygala trichosperma L.: 2545
Polygala violacea Aubl.: 5833
Securidaca divaricata Nees & Mart.: 3164, 3350, 5461
Securidaca diversifolia (L.) S. F. Blake: 1191, 2656

Rudgea cornifolia (Kunth) Standl.: 3166
Rudgea crassiloba (Benth.) B. L. Rob.: 3576
Rudgea hostmanniana Benth.: 1385, 1483, 5675
Rudgea sp.: 4471
Sabicea glabrescens Benth.: 800, 1847
Sabicea oblongifolia (Miq.) Steyerm.: 445
Sabicea parva var. *brachycalyx* Wernham: 3688
Sabicea velutina Benth.: 5510
Schradera nilssonii Steyerm.: 1453, 4351
Schradera polycephala DC.: 4502
Simira sp.: 6821
Sipanea cowanii Steyerm.: 2187, 4607
Sipanea galioides Wernham: 217
Sipanea hispida Benth. ex Wernham: 2515, 2799
Sipanea pratensis Aubl.: 335, 472a
Sipanea sp.: 1150, 1159, 2390, 2568, 3970, 5489
Sipanea wilson-brownei R. S. Cowan: 154
Sipaneopsis cururuensis J. H. Kirkbr.: 1449
Spermacoce capitata Ruiz & Pav.: 6509, 6675
Spermacoce glabra Michx.: 1206
Spermacoce hyssopifolia Willd. ex Roem. & Schult.: 2475
Spermacoce sp.: 6675a
Spermacoce verticillata L.: 2080
Uncaria guianensis (Aubl.) J. F. Gmel.: 2141, 3533
Uncaria tomentosa (Willd. ex Roem. & Schult.) DC.: 2090

Rutaceae

Indet. sp.: 2970, 5734
Conchocarpus ucayalinus (Huber) Kallunki & Pirani: 2964
Ertela trifolia (L.) Kuntze: 3750
Galipea trifoliata Aubl.: 3246
Hortia regia Sandwith: 481
Raveniopsis ruellioides (Oliv.) R. S. Cowan: 5933
Spiranthera guianensis Sandwith: 1728
Triphasia trifolia (Burm. f.) P. Wilson: 2608
Zanthoxylum sp.: 1120, 1122

Sabiaceae

Meliosma herbertii ssp. *herbertii* Rolfe: 1545
Meliosma meridensis Lasser: 4469

Sapindaceae

Indet. sp.: 1795, 2157b, 3406
Allophylus racemosus Sw.: 3823
Cupania hirsuta Radlk.: 5236
Cupania macrostylis (Radlk.) Acev.-Rodr.: 5268
Cupania rubiginosa (Poir.) Radlk.: 690, 1047, 3423, 3773
Cupania scrobiculata var. *guianensis* (Miq.) Uitt.: 386
Matayba arborescens (Aubl.) Radlk.: 713, 5469
Matayba camptoneura Radlk.: 4579, 5202, 5345
Matayba guianensis Aubl.: 4851
Matayba inelegans Spruce ex Radlk.: 1895
Matayba macrostylis Radlk.: 3080, 3337, 5265
Matayba oligandra Sandwith: 7176
Matayba peruviana ssp. *oligandra* (Sandwith) Acev.-Rodr.: 7122
Paullinia dasygonia Radlk.: 3291
Paullinia isoptera Radlk.: 4626, 4798
Paullinia plagioptera Radlk.: 3904
Paullinia stenopetala Sagot: 955
Paullinia tricornis Radlk.: 4804, 5313, 5328
Pseudima frutescens (Aubl.) Radlk.: 2915
Pseudima sp.: 6739
Talisia simaboides K. U. Kramer: 6834
Toulicia guianensis Aubl.: 361, 1702
Vouarana guianensis Aubl.: 5216

Sapotaceae

Indet. sp.: 35b, 1731, 3579, 3876, 5137, 5178, 5254, 5347, 5414, 5515, 6905
Chrysophyllum argenteum Jacq.: 1766
Chrysophyllum argenteum ssp. *auratum* (Miq.) T. D. Penn.: 365, 3421, 3815
Chrysophyllum sanguinolentum (Pierre) Baehni: 7182
Chrysophyllum sp.: 5128, 5179, 7132, 7173
Ecclinusa lanceolata (Mart. & Eichler) Pierre: 2754, 5058
Elaeoluma schomburgkiana (Miq.) Baill.: 36
Manilkara bidentata ssp. *surinamensis* (Miq.) T. D. Penn.: 5773
Micropholis caudata T. D. Penn.: 1469
Micropholis gardneriana (A. DC.) Pierre: 5123
Micropholis guyanensis (A. DC.) Pierre: 2994
Micropholis sp.: 6785
Micropholis venulosa (Mart. & Eichler ex Miq.) Pierre: 362, 1781, 7131
Pouteria ambelaniifolia (Sandwith) T. D. Penn.: 6784
Pouteria caimito (Ruiz & Pav.) Radlk.: 5218
Pouteria cayennensis (A. DC.) Eyma: 6743
Pouteria cuspidata (A. DC.) Baehni: 2341, 3162, 5199, 5330, 5382, 5386
Pouteria eugeniifolia (Pierre) Baehni: 2338
Pouteria grandis Eyma: 1458
Pouteria guianensis Aubl.: 3099, 7144
Pouteria rigida ssp. *tomentosa* (Aubrév.) T. D. Penn.: 143
Pouteria sp.: 2144, 6828
Pouteria speciosa (Ducke) Baehni: 6888
Pouteria surumuensis Baehni: 1725
Pouteria venosa ssp. *amazonica* T. D. Penn.: 5730

Scrophulariaceae

Achetaria guianensis Pennell: 619
Anisantherina hispidula (Mart.) Pennell: 3448, 3555, 3965
Bacopa salzmannii (Benth.) Wettst. ex Edwall: 3453
Benjaminia reflexa (Benth.) D'Arcy: 3962
Buchnera palustris (Aubl.) Spreng.: 3556
Buchnera rosea Kunth: 738, 2509, 3671
Lindernia crustacea (L.) F. Muell.: 216, 629
Lindernia diffusa (L.) Wettst.: 666
Scoparia dulcis L.: 3466, 6663
Vellosiella spathacea (Oliv.) Melch.: 81

Simaroubaceae

Picramnia latifolia Tul.: 957
Picramnia sellowii ssp. *spruceana* (Engl.) Pirani: 3800, 4387
Picramnia sp.: 4633, 5084
Simaba cedron Planch.: 2606

Simaba orinocensis Kunth: 5266
Simarouba amara Aubl.: 936, 3410, 6883, 7150
Solanaceae
Brunfelsia guianensis Benth.: 4898
Capsicum annuum var. *glabriusculum* (Dunal) Heiser & Pickersgill: 3520
Cestrum latifolium Lam.: 2661, 3380
Lycianthes pauciflora (Vahl) Bitter: 2164
Markea camponoti Ducke: 457
Markea coccinea Rich.: 5083
Markea sessiliflora Ducke: 444
Nicotiana tabacum L.: 3416
Physalis angulata L.: 3472
Physalis pubescens L.: 643, 5829, 5960
Schwenckia grandiflora Benth.: 5333
Solanum asperum Rich.: 5532, 5763
Solanum campaniforme Roem. & Schult.: 944
Solanum circinatum Bohs: 5015
Solanum cordovense Sessé & Moc.: 949
Solanum coriaceum Dunal: 4414
Solanum costatum M. Nee: 1270, 1456
Solanum crinitum Lam.: 26, 5358, 5466
Solanum jamaicense Mill.: 2670
Solanum leucocarpon Dunal: 1934, 3578, 3602, 5018
Solanum monachophyllum Dunal: 3092, 4669, 5334
Solanum morii S. Knapp: 1431
Solanum paludosum Moric.: 2495
Solanum pensile Sendtn.: 3418b
Solanum rugosum Dunal: 1933, 6865
Solanum semotum M. Nee: 2852
Solanum sp.: 5598
Solanum stramoniifolium Jacq.: 437, 616, 839, 3591, 3722, 4244, 6864
Solanum subinerme Jacq.: 614, 2936, 3521, 5357, 5863
Solanum uncinellum Lindl.: 3418
Solanum velutinum Dunal: 850
Solanum volubile Sw.: 2085
Sterculiaceae
Indet. sp.: 901, 5494, 5865
Byttneria genistella Triana & Planch.: 2798, 3451, 3855
Helicteres guazumifolia Kunth: 3369
Melochia sp.: 3854
Melochia spicata (L.) Fryxell: 798, 2797, 2808, 3636
Melochia ulmifolia Benth.: 3491
Sterculia pruriens (Aubl.) K. Schum.: 1763, 7160
Sterculia rugosa R. Br.: 670
Sterculia sp.: 2031
Theobroma obovatum Klotzsch ex Bern.: 4913
Theobroma subincanum Mart.: 2923, 2924a
Waltheria indica L.: 3361
Styracaceae
Lissocarpa guianensis Gleason: 524
Styrax guyanensis A. DC.: 5138
Styrax sp.: 2743
Symplocaceae
Symplocos guianensis (Aubl.) Gürke: 2494, 2561
Symplocos schomburgkii Klotzsch ex Brand: 5567
Symplocos sp.: 3484, 3759
Symplocos ulei Brand: 879, 5621
Theophrastaceae
Indet. sp.: 5708
Clavija lancifolia ssp. *chermontiana* (Standl.) B. Ståhl: 2955, 5350
Clavija macrophylla (Link ex Roem. & Schult.) Miq.: 3757
Thymelaeaceae
Daphnopsis sp.: 1337
Tiliaceae
Indet. sp.: 272
Apeiba petoumo Aubl.: 1829
Apeiba schomburgkii Szyszyl.: 3532
Apeiba tibourbou Aubl.: 3928
Corchorus sp.: 3959
Mollia ulei Burret: 2317
Trigoniaceae
Trigonia hypoleuca Griseb.: 2115
Trigonia subcymosa Benth.: 47
Turneraceae
Indet. sp.: 3236, 3660
Piriqueta viscosa ssp. *viscosa* Griseb.: 3837
Turnera caerulea var. *caerulea* Moc. & Sessé ex DC.: 3539
Turnera guianensis Aubl.: 3859
Turnera sp.: 634, 2053, 3867, 4623, 5495
Ulmaceae
Trema micrantha (L.) Blume: 2579, 2832, 2939
Verbenaceae
Lantana brasiliensis Link: 5710
Lantana camara L.: 613, 2113, 2618, 3486, 6510
Lantana canescens Kunth: 5572
Lantana radula Sw.: 5595
Lantana sp.: 3882
Lippia origanoides Kunth: 1104, 1170, 3439, 5416b
Petrea bracteata Steud.: 351, 1760, 2750, 4673, 4934
Petrea macrostachya Benth.: 3617, 3872, 5828
Stachytarpheta angustifolia (Mill.) Vahl: 3692
Stachytarpheta cayennensis (Rich.) Vahl: 2937
Stachytarpheta sprucei Moldenke: 5483
Vitex capitata Vahl: 3477, 3538, 3752
Vitex compressa Turcz.: 2121, 5400
Vitex stahelii Moldenke: 1769
Vitex triflora Vahl: 3143
Violaceae
Corynostylis arborea (L.) S. F. Blake: 1982, 4792, 4871
Hybanthus calceolaria (L.) Schulze-Menz: 3940
Hybanthus oppositifolius (L.) Taub.: 3238, 5273
Leonia glycycarpa Ruiz & Pav.: 5167, 5365, 3596
Paypayrola hulkiana Pulle: 3224, 3242a
Paypayrola longifolia Tul.: 476, 1891, 2524
Rinorea amapensis Hekking: 4838
Rinorea brevipes (Benth.) S. F. Blake: 3063

Rinorea lindeniana (Tul.) Kuntze: 4630
Rinorea macrocarpa (Mart. ex Eichler) Kuntze: 2889, 4716, 5513, 5702, 5834
Rinorea pubiflora (Benth.) Sprague & Sandwith: 2707, 2846, 3086, 3171, 4631
Rinorea pubiflora var. *grandifolia* (Eichler) Hekking: 387
Rinorea riana Kuntze: 2000, 2850
Vitaceae
Indet. sp.: 5338
Cissus erosa Rich.: 618, 809, 2918, 3012, 5315
Cissus sicyoides L.: 2634, 2729, 3074
Cissus sp.: 5316
Vochysiaceae
Indet. sp.: 675, 1701, 3666
Qualea schomburgkiana Warm.: 6824
Qualea sp.: 883
Qualea sp. a: 7165
Vochysia crassifolia Warm.: 699
Vochysia sp.: 2803
Vochysia tetraphylla (G. Mey.) DC.: 641, 1772
Zygophyllaceae
Indet. sp.: 5583

PLATES

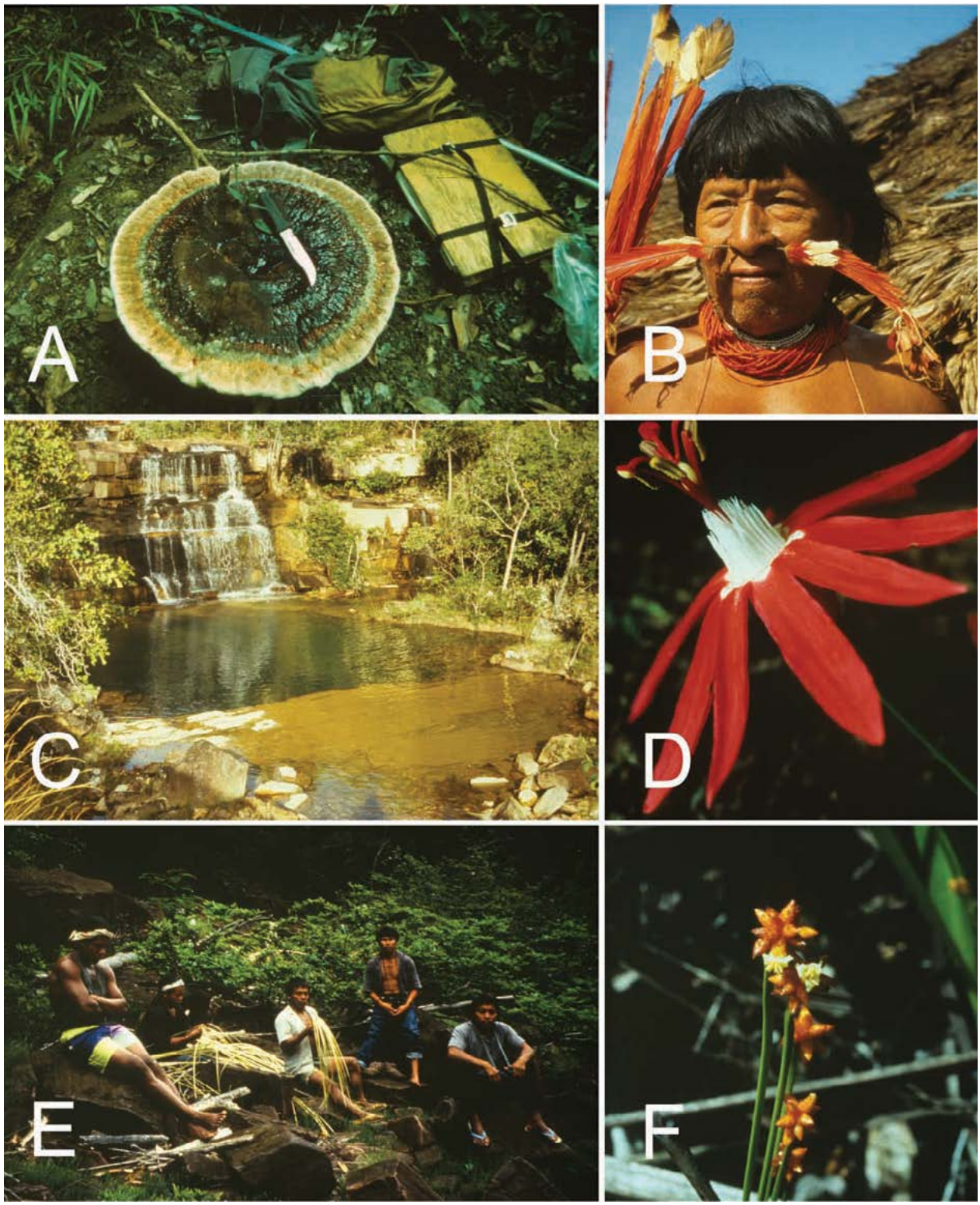

PLATE 1. The Guiana Shield. **A.** *Amauroderma brittonii*, one of the largest mushroom fruiting bodies in the Neotropics. **B.** Manawanaro, Wai Wai Village. **C.** Norugu Creek, upper Ireng. **D.** *Passiflora glandulosa* Cav. (Passifloraceae), Henkel 1186, upper Ireng River. **E.** Patamona men plaiting with mukru, upper Ireng River. **F.** *Stegolepis ferruginea* Baker (Rapateaceae), Henkel 2424, inflorescence Kaieteur savanna. All photos by Terry Henkel.

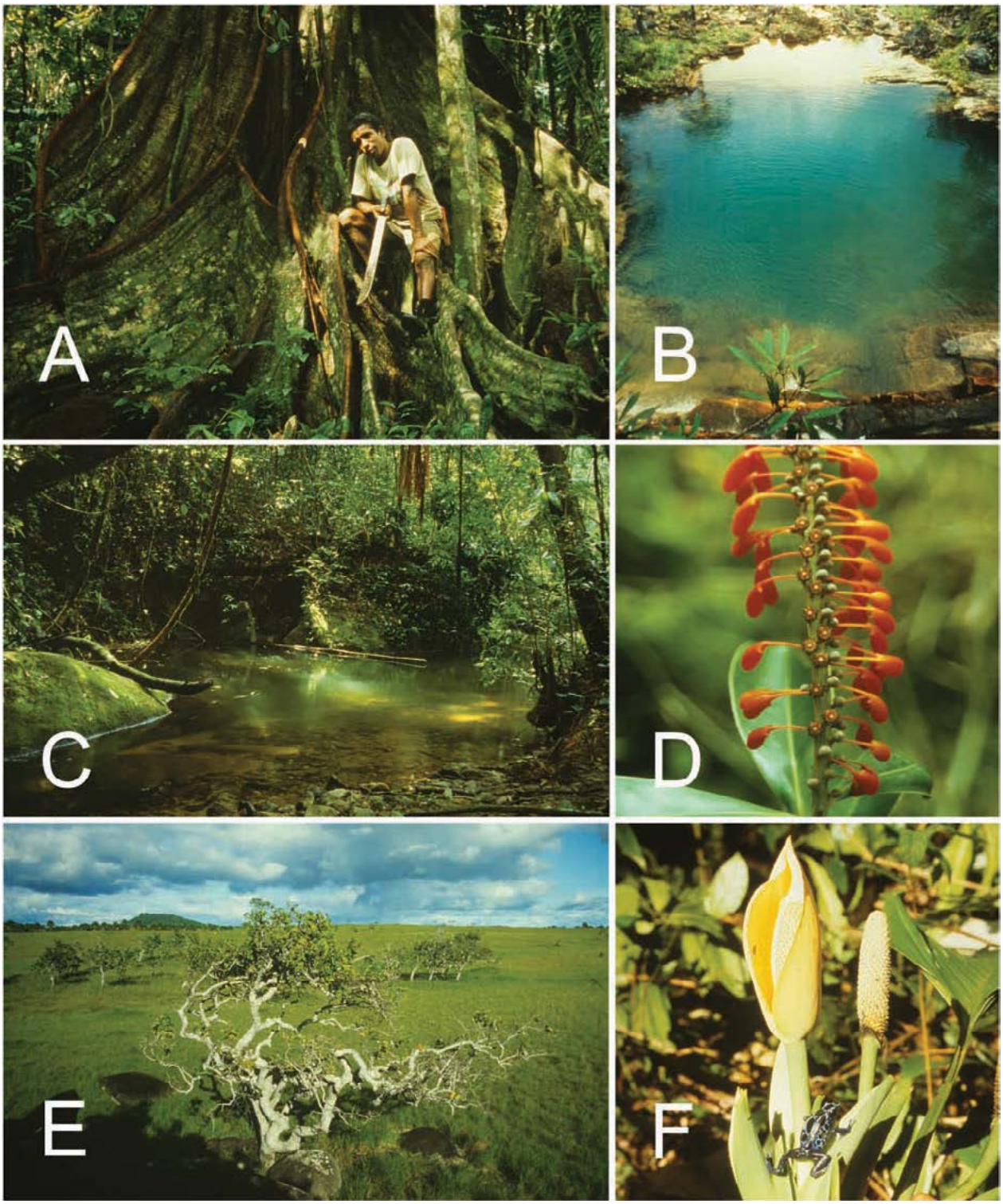

PLATE 2. A. Romeo Williams and *Ficus* sp. tree, Marudi Mountains. **B.** Blue pool, Norugu Creek. **C.** Tiarnau Creek, a small tributary of the Essequibo River, Acarai Mountains. **D.** *Norantea* sp. (Marcgraviaceae), Orinduik Falls. **E.** View of south Rupununi savanna. **F.** *Dendrobates azureus* on an aroid flower, Acarai Mountains. All photos by Terry Henkel.

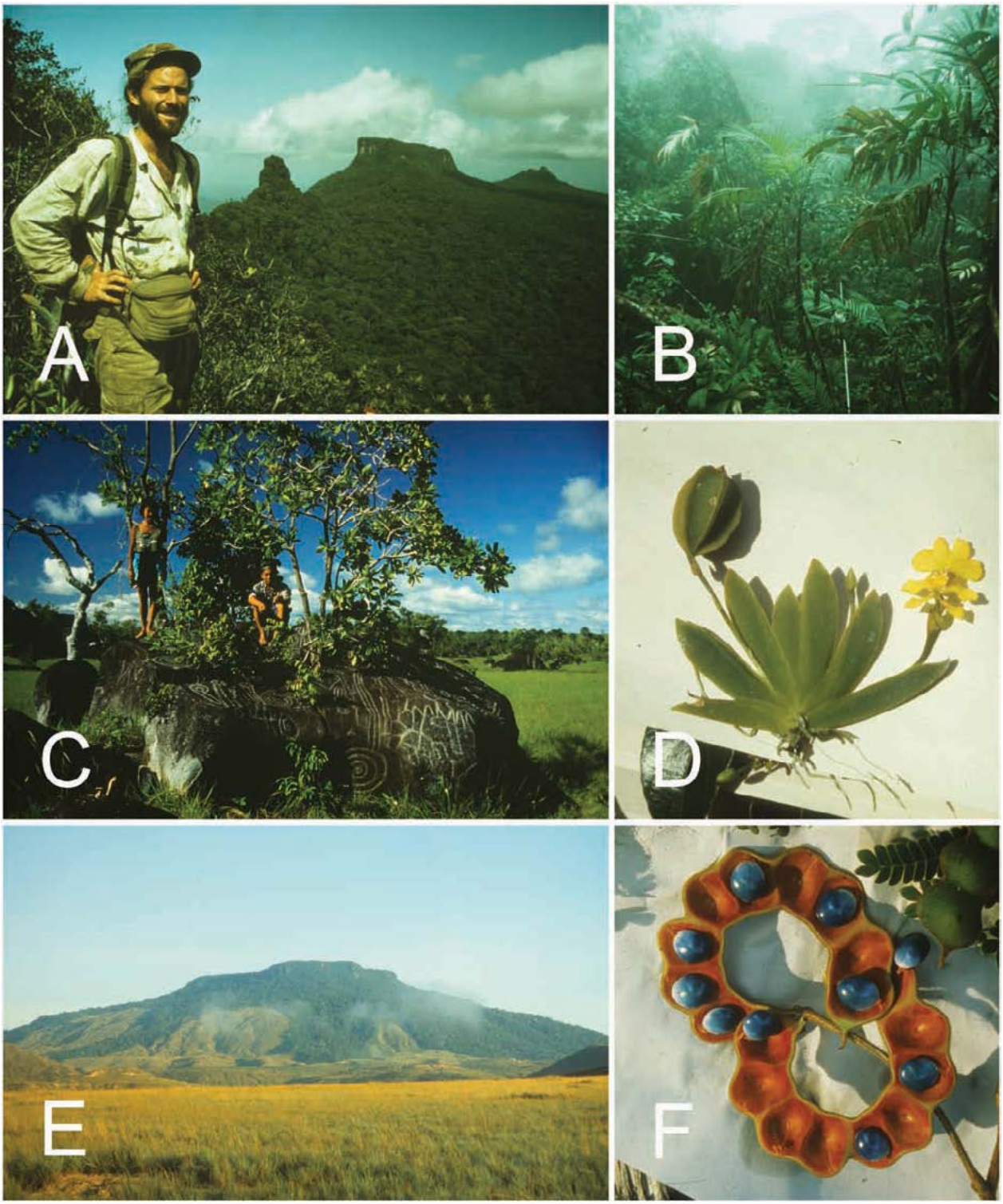

PLATE 3. A. Henkel on summit of Mount Wokomung. **B.** Cloud forest, Mount Wokomung. **C.** Mimi Chin and Regis James at rock carvings, south Rupununi savanna. **D.** *Psygmorchis pusilla* (L.) Dodson & Dressler (Orchidaceae), Henkel 2401, Kaieteur Falls. **E.** Achiknak Tipu. **F.** *Pithecellobium* sp. (Fabaceae), upper Ireng. All photos by Terry Henkel.

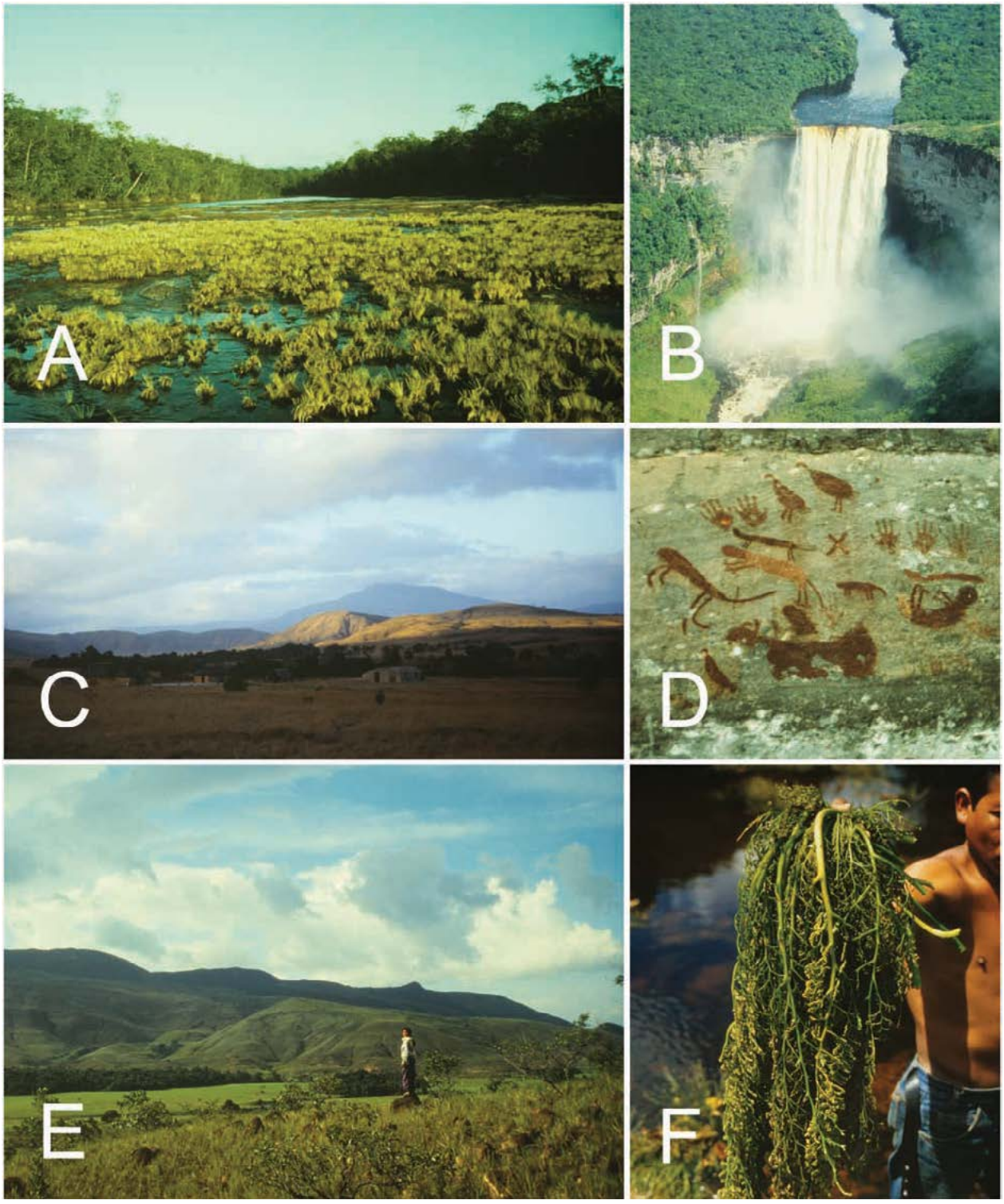

PLATE 4. A. Rapids of the upper Mazaruni River, dry season. **B.** Kaieteur Falls during high flow, from air. **C.** Savannas around Cipo settlement, Ireng River. **D.** Rock paintings at Maipuri Falls. **E.** Mimi Chin, savanna, upper Ireng. **F.** *Mourera fluviatilis* Aubl. (Podostemaceae), orin fronds used in chewing tobacco. All photos by Terry Henkel.

Appendix: Publications of Terry W. Henkel

Aime, M. C., **T. W. Henkel**, and L. Ryvarden. 2003. Studies in Neotropical Polypores 15: New and Interesting Species from Guyana. *Mycologia* 95: 614–619. http://dx.doi.org/10.2307/3761937.

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Aime, M. C., L. Ryvarden, and **T. W. Henkel**. 2007. Studies in Neotropical Polypores, 22: Additional New and Rare Species from Guyana. *Synopsis Fungorum* 23: 15–31.

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Christenson, E., and **T. W. Henkel**. 1996. Orchid Habitats: *Phragmipedium klotzscheanum*. *American Orchid Society Bulletin* 64: 1100–1101.

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Henkel, T. W. 1994. Up the Wild Green Yonder: A Botanical Expedition to Mt. Wokomung, Guyana. *South American Explorer* 36: 5–11.

Henkel, T. W. 1995. Journey through a Lost World: Canoeing through One of South America's Great Wilderness Areas: Tepui Country of Guyana. *Earth* 4: 52–59.

Henkel, T. W. 1995. Wai Wai Days, Jaguar Nights. Botanical Explorations in Guyana's Deep South. *South American Explorer* 42: 16–21.

Henkel, T. W. 1995. Wai Wai Country. Eldorado 1: 16–20.

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