

Vascular Flora of the Tocantins River Middle Basin, Brazil

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ABSTRACT: This study provides a checklist of the phanerogams and pteridophytes of the Tocantins river middle basin, in northern Goiás state and southern Tocantins state, Brazil. Herbarium samples were collected from 2000 to 2009 and this floristic survey recorded 1572 species from 135 families. The most species-rich families were Fabaceae (217), Poaceae (116), Asteraceae (88), Euphorbiaceae (65), Orchidaceae (58) and Malpighiaceae (56). Furthermore, 14 endangered species and 31 rare species were recorded, mainly associated with the *campos rupestres* in the Veadeiros Plateau region. The flora mainly from the phytophysiognomies *cerrado stricto sensu*, *campo rupestre* ("rocky fields"), *mata de galeria* ("gallery forest"), *mata ciliar* ("riverine forest") and semi-deciduous seasonal forest comprised typical species of the mid-western Cerrado floristic province, such as the most widely known woody plants *Anadenanthera colubrina* (Vell.) Brenan (popular name *angico*), *Aspidosperma subincanum* Mart. ex A. DC. (*guatambú*), *Astronium fraxinifolium* Schott ex Spreng. (*gonçalo-alves*), *Callisthene fasciculata* Mart. (*pau-jacaré*), *Dipteryx alata* Vogel (*barú*), *Guazuma ulmifolia* Lam. (*mutamba*) and *Magonia pubescens* A. St.-Hil. (*tingui*). This study is the first to record a wide floristic list of this important region of central Brazil.

INTRODUCTION

The *Cerrado* biome covers about two million square kilometers or 21% of the Brazilian territory, located between the 5° to 20° S and 45° to 60° W (Ribeiro and Walter 2008). Most of this biome is located in the Central Plateau and its vegetation consists of a mosaic with herbaceous, savanna and forest formations. These formations are limited by climate, physical and chemical properties of soils, fire, water table depth and also human activities such as cattle-raising and deforestation for agriculture (Eiten 1972, Ribeiro and Walter 2008).

Among the vegetation phytophysiognomies of the *Cerrado* biome the *cerrado stricto sensu* is the dominant type and occurs mostly on Latosols in the highlands, as well as on rocky and lateritic soils. The composition and structure of flora on this latter kind of soil is still dealt with in few studies. Floristic differences are expected in these shallow soils regarding the selective forces acting on vegetation development in these habitats (Felfili and Fagg 2007).

The Tocantins river basin, in northern Goiás and southern Tocantins, comprises a few remnants of unaltered native vegetation (MMA 2008a) with floristic types related to the Latosols, Cambisols, Lithosols and Argisols, besides some lateritic soils (SEPLAN 2008, SIEG 2010). This region is located in the mid-western *Cerrado* province, as detailed in the biogeographic studies of Ratter *et al.* (2003) and Bridgewater *et al.* (2004). It consists of a higher abundance of typical species, mostly on mesotrophic soils. Furthermore, there are some vegetation communities associated with the sandy and rocky soils in the highlands of Veadeiros Plateau at altitudes ranging from 700 to 1,600 m (SIEG 2010).

The data from mapping the vegetation cover of the Brazilian biomes (MMA 2008a) reported at least 38.98% of human disturbed areas and 60.42% of unaltered native vegetation remnants in the *Cerrado* biome, mostly in the north-northeastern province (Ratter *et al.* 2003, Bridgewater *et al.* 2004), whereas the other provinces, such as the central-western, showed the highest rates of deforestation.

The aim of this study was to record the vascular flora of the Tocantins river middle basin in order to extend the information on the local vegetation of this region and on the *Cerrado* flora overall.

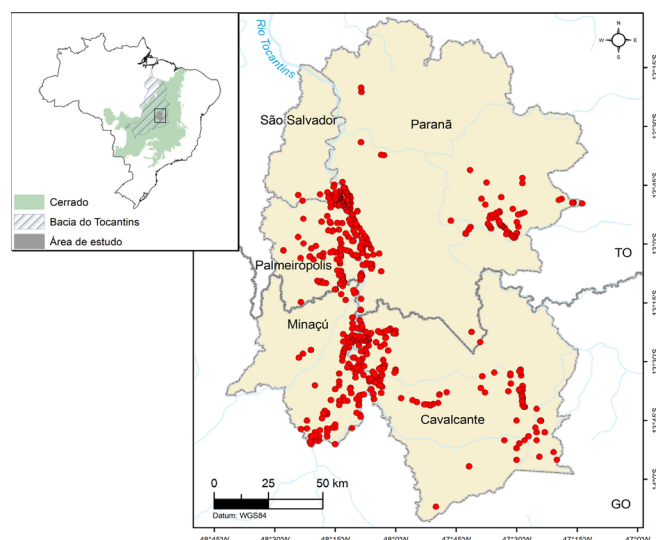


FIGURE 1. Study area and sample sites in the municipalities of the states of Goiás (GO) and Tocantins (TO), Brazil.

MATERIALS AND METHODS

Study Site

The study site included the municipalities of Minaçu and Cavalcante, located in the state of Goiás, and Palmeirópolis, Paranã and São Salvador, in the state of Tocantins (Figure 1).

The climate is the Aw type, in accordance with Köppen classification, which means tropical humid with dry winters and wet summers. The annual rainfall is from 1,400 to 1,600 mm and the average annual temperature is between 23 and 25°C (Silva *et al.* 2008).

The region is located in the *Cerrado* biome with remnants of forests, savannas and herbaceous formations. The forest vegetation comprises (*sensu* Ribeiro and Walter 2008) the seasonal or dry forests, *cerradão* (“xeromorphic forest”), *matas ciliares* (“riverine forests”) and *matas de galeria* (“gallery forests”) (Figure 2), with the latter two physiognomies located on the banks of the Tocantins river and around seasonal or permanent streams and natural drainage routes. The savanna vegetation, the most widespread in area, includes the *cerrado stricto sensu* as the dominant type (Figure 3) and small *veredas*. The herbaceous vegetation is characterized by the *campos rupestres* (“rocky fields”), *campos sujos* (“dense fields”) and *campos limpos* (“open fields”).

Data Collection

The floristic survey used randomly the ‘walk-through’ method (Filgueiras *et al.* 1994). The study was carried

out on about 30 expeditions from 2000 to 2009, related to projects of rescue of plant germplasm of Embrapa Recursos Genéticos e Biotecnologia (Cenargen) that aimed to characterize the local flora. All vascular specimens observed in reproductive phase were collected, pressed, dried and subsequently incorporated into the Embrapa Recursos Genéticos e Biotecnologia herbarium (CEN Herbarium), in accordance with the usual methodology (Mori *et al.* 1985).

The identification of species took place at the herbariums CEN, UB (University of Brasília Herbarium), HEPH (Botanic Garden of Brasília Herbarium) and IBGE (Brazilian Institute of Geography and Statistics Herbarium), using literature and identification by family specialists. The floristic survey follows the Angiosperm Phylogeny Group III (APG III 2009) for flowering plants and Chase and Reveal (2009) for ferns. The names of flowering plants and ferns follow the criteria adopted by Forzza *et al.* (2010, 2012).

RESULTS AND DISCUSSION

A total of 1572 species from 135 families were recorded (Table 1) indicating a rich flora. The most species-rich families were Fabaceae (217), Poaceae (116), Asteraceae (88), Euphorbiaceae (65), Orchidaceae (58) and Malpighiaceae (56). These families are highly representative in the *Cerrado* biome (Mendonça *et al.* 2008, Forzza *et al.* 2010). Another 55 families reported only one or two species.

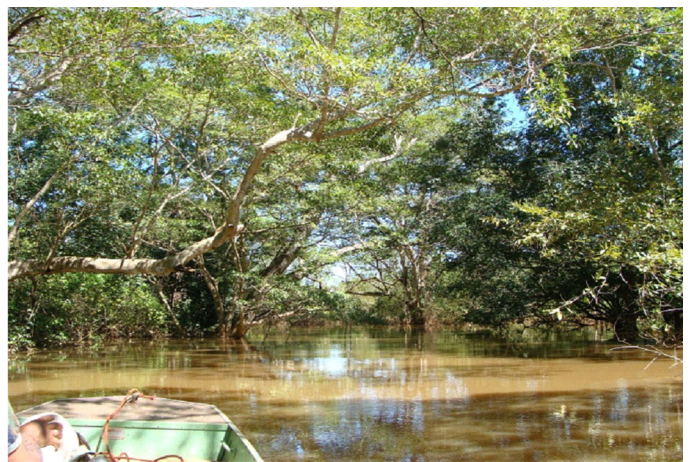


FIGURE 2. *Matas ciliares* (“riverine forests”) in Tocantins river middle basin located in the municipality of São Salvador do Tocantins (TO), Brazil.



FIGURE 3. *Cerrado stricto sensu* in Tocantins river middle basin located in the municipality of São Salvador do Tocantins (TO), Brazil.

The richness observed was related to a wide range of collections within different habitats and their vegetation communities, which characterize an element of the regional diversity. After studying the woody vegetation of the *Cerrado* biome, Ratter et al. (2003) recorded *alfa* diversity values of up to 100 species in an analysis of 376 different study sites. These authors pointed out that the Tocantins river basin is one of the hotspots for woody diversity in the *Cerrado lato sensu*. Among the 951 woody species recorded in 376 sites by Ratter et al. (2003) and Bridgewater et al. (2004), more than half were located in only one *Cerrado* province, with few species widespread in all other provinces.

Ecological differences characterize the species list in each *Cerrado* province defined by Ratter et al. (2003). For instance, there is a general trend toward higher species abundance associated with mesotrophic soils in the mid-western and far-western *Cerrado* provinces. Some well-known and characteristic species from these provinces that were recorded in the study area are *Anadenanthera colubrina* (Vell.) Brenan (popular name *angico*), *Aspidosperma subincanum* Mart. ex A. DC. (*guatambú*), *Astronium fraxinifolium* Schott ex Spreng. (*gonçalo-alves*), *Callisthene fasciculata* Mart. (*pau-jacarê*), *Dipteryx alata* Vogel (*barú*), *Guazuma ulmifolia* Lam. (*mutamba*) and *Magonia pubescens* A. St.-Hil. (*tingui*) (Bridgewater et al. 2004).

As regards threatened species, there are 14 that are included on the Brazilian lists (IUCN 2010, MMA 2008b) (Table 1) in different classes of threat: *Amburana cearensis* (Allemão) A. C. Sm. (threatened, endangered), *Cedrela fissilis* Vell. (threatened, endangered), *Diplusodon retroimbricatus* Koehne, *Dipteryx alata* Vogel (threatened, vulnerable), *Euterpe edulis* Mart. (threatened), *Fuirena umbellata* Rottb. (threatened), *Hyptis imbricatiformis* Harley (threatened), *Lafoensia pacari* A. St.-Hil. (threatened), *Machaerium villosum* Vogel (threatened, vulnerable), *Myracrodruon urundeuva* Allemão (threatened), *Paspalum niquelandiae* Filg. (threatened), *Phragmipedium vittatum* (Vell.) Rolfe (threatened), *Ocotea aciphylla* (Nees and Mart.) Mez (threatened, least concern) and *Sorocea guilleminiana* Gaudich. (threatened, vulnerable).

Furthermore, there were 31 rare species in the study

area, according to Giulietti et al. (2009): *Angelonia pratensis* Gardner ex Benth., *Bulbostylis loefgrenii* (Boeck.) Prata and M.G. López, *Cambessedesia glaziovii* Cogn. ex A.B. Martins, *Cuphea potamophila* T. Cavalcanti and S. Graham, *Diplusodon appendiculosus* Lourteig, *D. argenteus* Lourteig, *D. decussatus* Gardner, *D. heringeri* Lourteig, *D. leucocalycinus* Lourteig, *D. longipes* Koehne, *D. petiolatus* (Koehne) T. Cavalcanti, *D. retroimbricatus* Koehne, *D. sigillatus* Lourteig, *D. sordidus* Koehne, *Gomphrena serturneroides* Suess., *Hypenia aristulata* (Epling) Harley, *Hyptis imbricatiformis* Harley, *Ichthyothere connata* S.F. Blake, *Lippia gardneriana* Schauer, *L. grandiflora* Mart. *Mimosa oligosperma* Barneby, *M. pycnocomma* Benth., *Paspalum niquelandiae* Filg., *P. vallsii* R.C. Oliveira and G.H. Rua, *Piriqueta lourteigiae* Arbo, *Pterandra hatschbachii* W.R. Anderson, *Polygala marquesiana* J.F.B. Pastore and T. Cavalcanti, *P. patens* J.F.B. Pastore and Marques, *P. suganumae* J.F.B. Pastore and Marques, *Sauvagesia lanceolata* Sastre and *Wedelia souzae* H. Rob.. The genus *Diplusodon*, from a very rare family (Lythraceae) in Brazil (Giulietti et al. 2009) stood out, with 10 rare species, of which seven were recorded at altitudes of up to 700 m in the region of Chapada dos Veadeiros (Cavalcanti and Noronha 2009). This region is characterized by a number of local endemics, mostly associated with the *campos rupestres*, where three species of the genus *Polygala* and two species of *Mimosa*, as well as *H. imbricatiformis*, *I. connata*, *S. lanceolata* and *W. souzae*, were also found (Giulietti et al. 2009).

This study extends knowledge on the flora of the Tocantins river middle basin, comprising the phytogeographies of *cerrado lato sensu*, *campos rupestres*, *matas de galeria* (gallery forests), *matas ciliares* (riverine forests) and seasonal semi-deciduous forests. The study area is characterized by species typical of mesotrophic and lateritic soils, besides typical species of the *Cerrado* and *campos rupestres* on more dystrophic soils, such as sandy and litholic in the highlands. Additional surveys may increase the floristic data showed in this study of a region that presents high species-richness and several rare species. This study is the first to record a wide floristic list of this important region of central Brazil.

TABLE 1. Species recorded in the Tocantins river middle basin, Brazil. Physiognomies: MS = semi-deciduous seasonal forest; CE = *cerrado stricto sensu*; CL = *campo limpo* ("open field"); CR = *campo rupestre* ("rocky field"); CO = *Cerradão* ("xeromorphic forest"); CS = *campo sujo* ("dense field"); MG = *matas de galeria* ("gallery forests"); MC = *matas ciliares* ("riverine forests"); VE = *vereda*; PA = pastures; AQ = *aquatic environment*; AN = anthropogenic area; MI = *mata de galeria inundável* ("flooded gallery forest").

AAS = Aécio Amaral Santos; ACS = Anderson Cássio Sevilha; BW = Bruno Machado Teles Walter; FB = Fernanda Bucci; GHR = Gabriel Hugo Rua; GPS = Glocimar Pereira da Silva; HGS = Hamilton Garbogini Pinho dos Santos; JAB = João Aguiar N. Batista; JBB = João Bernardo Bringel; JBP = João Benedito Pereira; JFP = José Floriano Pastore; LAS = Ladislau Araujo Skorupa; LC = Lídio Coradin; MCA = Marta Camargo de Assis; MCS = Micheline Carvalho Silva; MFS = Marcelo Fragomeni Simon; RCO = Regina Célia Oliveira; TBC = Taciana Barbosa Cavalcanti

TAXON	PHYSIOGNOMY	VOUCHER
Acanthaceae		
<i>Dicliptera</i> sp.	CE, MG	GPS 12027, 6621
<i>Elytraria imbricata</i> (Vahl.) Pers.	MC	GPS 11716
<i>Justicia harleyi</i> Wassh.	MG	GPS 11932
<i>Justicia imbricata</i> (Vahl.) Pers.	MG	GPS 6614
<i>Justicia sericographis</i> V.A.W. Graham	CE	GPS 5059, SPS 1419, GPS 10742, GPS 10516, GPS 10606
<i>Justicia tocantina</i> (Nees) V.A.W. Graham	CE	GPS 13452
<i>Lepidagathis floribunda</i> (Pohl) Kameyama	CE, MG, MS	TBC 1104, GPS 10744, GPS 14171
<i>Lepidagathis sessilifolia</i> (Pohl) Kameyama ex Wassh. and J.R.I. Wood	CE	GPS 11157

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Ruellia adenocalyx</i> Lindau	CE	GPS 6502
<i>Ruellia brevifolia</i> (Pohl) Ezcurra	CE	GPS 10381
<i>Ruellia costata</i> Lindau	CE	ACS 4062, GPS 11631
<i>Ruellia dissitifolia</i> (Nees) Hiern.	CE, CS, MG	GPS 4551, GPS 5588, GPS 10911
<i>Ruellia incompta</i> (Nees) Lindau	CE	GPS 13450
<i>Ruellia nitens</i> (Nees) Wassh.	CS	GPS 5202
<i>Ruellia rufipila</i> Rizz.	CE, MG	GPS 10988
<i>Ruellia</i> aff. <i>silvaccola</i> Mart. ex Nees	CE	GPS 10607
<i>Ruellia verbasciformis</i> (Nees) C. Ezcurra and Zappi	CE	GPS 11761
<i>Stenandrium pohlii</i> Nees	CE, CS	GPS 11026
Alismataceae		
<i>Echinodorus longipetalus</i> Micheli	AQ, MS	MCA 401, GPS 11619
<i>Echinodorus macrophyllus</i> (Kunth) Micheli	MC	ACS 3936
<i>Echinodorus tenellus</i> (Mart. ex Schult. and Schult. f.) Buchenau	AQ, CE	GPS 11864
<i>Echinodorus</i> cf. <i>trialatus</i> Fassett	MG	GPS 11900
<i>Limnocharis laforestii</i> Duchass. ex Griseb.	MC	ACS 3498
<i>Sagittaria rhombifolia</i> Cham.	CE, MG	GPS 11787, ACS 3811
Alstroemeriaceae		
<i>Alstroemeria burchellii</i> Baker	MG	GPS 14186
<i>Alstroemeria gardneri</i> Baker	CE, CR	HGS 435, GPS 13466
<i>Alstroemeria longistyla</i> Schenk	CL, VE	JAB 834
<i>Alstroemeria stenophylla</i> M.C. Assis	CE	GPS 11485
<i>Alstroemeria viridiflora</i> Warm.	CO, MS	GPS 4862
<i>Bomarea edulis</i> (Tussac) Herb.	MS	JBP 52
Amaranthaceae		
<i>Alternanthera brasiliana</i> (L.) Kuntze	CE, MG	GPS 6498
<i>Alternanthera tenella</i> Colla	MG	GPS 6618
<i>Chamissoa altissima</i> (Jacq.) Kunth	MC, MG	GPS 11842, GPS 10736, GPS 10498
<i>Gomphrena lanigera</i> Pohl	CE	TBC 872, GPS 11023
<i>Gomphrena serturmeroides</i> Suess.	MC	GPS 4973
<i>Gomphrena vaga</i> Mart.	MG	GPS 5671
<i>Pfaffia gnaphaloides</i> (L. f.) Mart.	CE	GPS 6530, GPS 12350
Amaryllidaceae		
<i>Griffinia nocturna</i> Ravenna	CE, MC, MG, MS	GPS 10892, GPS 11012
<i>Habranthus datensis</i> Ravenna	CE	BW 5834
<i>Hippeastrum glaucescens</i> Herb.	CE	GPS 11108
<i>Hippeastrum puniceum</i> (Lam.) Kuntze	CE, MC, MG, MS	GPS 4410, TBC 2701, GPS 15808, GPS 12210, GPS 12353
<i>Hippeastrum solandriflorum</i> (Lindl.) Herb.	CE, CS	BW 4657, BW 3541, GPS 12391, GPS 12253
Anacardiaceae		
<i>Anacardium humile</i> A. St.-Hil.	CE	GPS 5054, BW 2586, GPS 11783, GPS 12005
<i>Anacardium nanum</i> A. St.-Hil.	MS	GPS 5303
<i>Anacardium occidentale</i> L.	CE, CO, CS, MS	GPS 5284, BW 2425, GPS 11892, GPS 11999
<i>Astronium fraxinifolium</i> Schott ex Spreng.	CE, MC	GPS 5366, ACS 3533, GPS 12155
<i>Myracrodruon urundeuva</i> Allemão	CE, CO, MC, MS	GPS 5242, GPS 12174, GPS 10961, GPS 12162
<i>Spondias mombin</i> L.	CE, CO, MC, MG, MS	GPS 4522, GPS 10712, GPS 12156
<i>Tapirira guianensis</i> Aubl.	CE, CS, MC, MG	GPS 5283, BW 4042, JBP 59, GPS 6506
Anemiaceae		
<i>Anemia buniifolia</i> (Gardn.) T. Moore	CE	ACS 3918
<i>Anemia elaphoglossoides</i> Mickel	CR	JFP 815
<i>Anemia phyllitidis</i> (L.) Sw.	CE	JBP 49
<i>Anemia tomentosa</i> (Sav.) Sw.	CE	ACS 3919
Annonaceae		
<i>Annona aurantiaca</i> Barb. Rodr.	CE, CO, CS, MG	BW 4611, TBC 2648, BW 5804, GPS 11030
<i>Annona coriacea</i> Mart.	CE, CS, MC	BW 4544, BW 4512, BW 5796, GPS 10894, GPS 10623
<i>Annona dioica</i> A. St.-Hil.	CE	GPS 12370, GPS 11021
<i>Annona montana</i> Macfad.	CO, MG, MS	GPS 4665
<i>Annona monticola</i> Mart.	CE	GPS 4558

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Annona tomentosa</i> R.E. Fr.	CE, CL, CO, CS, MC, MS, VE	GPS 5626, BW 748, BW 5798, GPS 10905
<i>Cardiopetalum calophyllum</i> Schlttdl.	MS	BW 3252
<i>Duguetia marcgraviana</i> Mart.	MG, MS	TBC 1109, GPS 12133
<i>Ephedranthus parviflorus</i> S. Moore	CE, MG	GPS 11053, GPS 12351
<i>Guatteria lanceolata</i> R.E. Fr.	MG, MS	BW 3509
<i>Oxandra</i> sp.	CE, MG	GPS 5664, ACS 3779
<i>Rollinia</i> sp.	MC, MG	GPS 10731, GPS 10398
<i>Unonopsis lindmanii</i> R.E. Fr.	MC, MG, MS	BW 4041, GPS 10410, GPS 10710
<i>Xylopia aromatica</i> (Lam.) Mart.	CE, CO, MG, MS	GPS 4724, TBC 862, GPS 11876, GPS 10951
<i>Xylopia emarginata</i> Mart.	MG	BW 3816
Apiaceae		
<i>Eryngium ebracteatum</i> Lam.	CE, CL, MG, VE	BW 4786, BW 858, GPS 12028
<i>Eryngium juncifolium</i> Mathias and Constance	CE	BW 910
Apocynaceae		
<i>Allamanda angustifolia</i> Pohl	CE, CL, CS	BW 4778, BW 692, GPS 12884
<i>Asclepias candida</i> Vell.	CS	TBC 1006
<i>Asclepias curassavica</i> L.	CE	TBC 1894
<i>Aspidosperma macrocarpon</i> Mart.	CO	ACS 3530
<i>Aspidosperma nobile</i> Müll. Arg.	CE	BW 4647, BW 2570, BW 5820, GPS 10947, GPS 10996
<i>Aspidosperma parvifolium</i> A. DC.	MS	BW 5945
<i>Aspidosperma pyriforme</i> Mart.	CE, MC, MS	GPS 12169, ACS 4077
<i>Aspidosperma subincanum</i> Mart.	CE, CO, MC, MG, MS	GPS 4926, TBC 2684, GPS 12179, GPS 10611
<i>Aspidosperma tomentosum</i> Mart.	CE, MG	GPS 5318, BW 5828, GPS 10787
<i>Barjonia erecta</i> (Vell.) K. Schum.	CL	JFP 538
<i>Blepharodon</i> sp.	CE	ACS 4023
<i>Forsteronia pubescens</i> A. DC.	MC	GPS 10727, ACS 3980
<i>Funastrum clausum</i> (Jacq.) Schltr.	MS	GPS 4819
<i>Hancornia speciosa</i> Gomes	CE, CS	GPS 5286, TBC 2685, BW 5827, GPS 12383, GPS 10993
<i>Hemipogon acerosus</i> Decne.	CL, CS, MG	BW 4681
<i>Hemipogon irwinii</i> Fontella and Paixão	CE, CL	JFP 820, BW 912
<i>Himatanthus obovatus</i> (Müll. Arg.) Woodson	CE, CS	GPS 4363, TBC 1178, JBP 95, GPS 6563, GPS 11526
<i>Macroditassa adnata</i> (Fourn.) Malme	MG	BW 2408
<i>Macrosiphonia martii</i> Müll. Arg.	CE, CL, CS, VE	MCA 379, JBP 99
<i>Macrosiphonia velame</i> (A. St.-Hil.) Müll. Arg.	CE	GPS 14138
<i>Mandevilla hirsuta</i> (Rich.) K. Schum.	CE, CS, MC, MS, VE	JFP 819, BW 693, ACS 3790
<i>Mandevilla myriophyllum</i> (Taub.) Woodson	CE	BW 914
<i>Mandevilla pohliana</i> (Stadelm.) A.H. Gentry	CE	BW 712
<i>Mandevilla tenuifolia</i> (Mikan) Woodson	CE, CL, MG, MS, VE	GPS 4486, BW 871, GPS 12226
<i>Marsdenia cf. weddellii</i> (Fourn.) Malme	CE	ACS 4107
<i>Mesechites mansoanus</i> (DC.) L.G. Lohmann	CE, MC	GPS 10482
<i>Minaria cordata</i> (Turcz.) T.U.P. Konno and Rapini	MG	JFP 543
<i>Odontadenia hypoglauca</i> (Stadelm.) Müll. Arg.	MC, MG, MS	BW 4497, GPS 10452
<i>Odontadenia lutea</i> (Vell.) Markgr.	CE	GPS 5077, TBC 1454, GPS 6556, GPS 10649
<i>Prestonia erecta</i> (Malme) J.F. Morales	CE	LAS 639, BW 4515, JBP 71, GPS 10987
<i>Prestonia lagoensis</i> (Müll. Arg.) Woodson	CE	ACS 3815
<i>Schubertia grandiflora</i> Mart. and Zucc.	MC	GPS 4831, GPS 11430
<i>Secondatia densiflora</i> A. DC.	CE, MG	BW 4537, ACS 3582
<i>Stipecoma peltigera</i> (Stadelm.) Müll. Arg.	CE	JFP 795
<i>Tassadia propinqua</i> Decne.	MG	BW 4761
Aquifoliaceae		
<i>Ilex affinis</i> Gardn.	CE, MG	GPS 4507
<i>Ilex brasiliensis</i> (Spreng.) Loes.	MG	BW 3537
<i>Ilex integerrima</i> Reissek	CE	GPS 11628
Araceae		
<i>Caladium</i> sp.	MG	GPS 5693
<i>Colocasia</i> sp.	MG	GPS 5748
<i>Dracontium</i> sp.	MS	GPS 15814

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Philodendron mayoi</i> E.G. Gonçalves	MG	GPS 11047
<i>Philodendron wulfschlaegelii</i> Schott	CE, MG	GPS 6443, BW 3257
<i>Schismatoglottis</i> sp.	CE	GPS 11137
<i>Spathicarpa gardneri</i> Schott	MG	GPS 10943
<i>Taccarum</i> sp.	CE, MC, MG, MS	GPS 5694, GPS 4425, GPS 15811, GPS 10962
<i>Xanthosoma striatipes</i> (Kunth) Madison	CE, CL, MG, VE	BW 4788, BW 878
Araliaceae		
<i>Dendropanax cuneatus</i> (DC.) Decne. and Planch.	MG	GPS 5187, BW 2401, GPS 10666
<i>Schefflera macrocarpa</i> (Cham. and Schltdl.) Frodin	CE, CL, VE	JBP 141, HGS 428
<i>Schefflera</i> cf. <i>morototoni</i> (Aubl.) Maguire, Steyerem. and Frodin	MG	BW 3274
Arecaceae		
<i>Astrocaryum vulgare</i> Mart.	MC, MG	BW 4577, GPS 10424
<i>Attalea eichleri</i> (Drude) A.J. Hend.	CE	GPS 10494
<i>Attalea phalerata</i> Mart. ex Spreng.	MC	GPS 10784
<i>Desmoncus leptoclonos</i> Drude	CE, MG, MS	GPS 4614
<i>Euterpe edulis</i> Mart.	MG	BW 3403
<i>Mauritiella armata</i> (Mart.) Burret	MG	GPS 5679
<i>Syagrus cocooides</i> Mart.	CE, MS	GPS 5356, GPS 10790
<i>Syagrus comosa</i> Mart.	CE, MG	BW 2379
<i>Syagrus deflexa</i> Noblick and Lorenzi	CR	GM 16447
<i>Syagrus flexuosa</i> (Mart.) Becc.	MS	BW 5935
<i>Syagrus graminifolia</i> Becc.	CE	GPS 4722, GPS 12072
<i>Syagrus petraea</i> (Mart.) Becc.	CO	GPS 5231
Aristolochiaceae		
<i>Aristolochia barbata</i> Jacq.	CE	TBC 2670
<i>Aristolochia clausenii</i> Duch.	CE	GPS 5730, JBP 32
<i>Aristolochia holostylis</i> F. González	CO, MC, MG, PA	GPS 5771, GPS 4879, GPS 11121
<i>Aristolochia pyreneae</i> Taub.	CE	GPS 5631, ACS 3974
<i>Aristolochia warmingii</i> Mart.	CE, MG	GPS 4443, GPS 12323
Asparagaceae		
<i>Clara stricta</i> R.C. Lopes and Andreatta	CE	GPS 12236
<i>Herreria salsaparilha</i> Mart.	CE, MC, MG	GPS 4968, GPS 15876, GPS 14151
Asteraceae		
<i>Acmella ciliata</i> (Kunth) Cass.	MG	GPS 6617
<i>Aspilia attenuata</i> (Gardn.) Baker	MS	GPS 5016
<i>Aspilia</i> aff. <i>decumbens</i> D.J.N. Hind	CL	JBB 256
<i>Aspilia floribunda</i> (Gardn.) Baker	MC	GPS 4847
<i>Aspilia foliacea</i> (Spreng.) Baker	CE, CS	GPS 4415, TBC 989, GPS 12382
<i>Ayapana amygdalina</i> (Lam.) R.M. King and H. Rob.	CE, CS	GPS 5280, GPS 11916, GPS 6518
<i>Baccharis linearifolia</i> (Lam.) Pers.	CE	RCO 891
<i>Bidens</i> sp.	CE, CS	JBB 834
<i>Calea candolleana</i> (Gardn.) Baker	CE, MS	GPS 4581, GPS 11733, ACS 3726, GPS 14136
<i>Calea</i> aff. <i>dalyi</i> Pruski and Urbatsch	MS	ACS 4125
<i>Calea elongata</i> (Gardn.) Baker	AQ, CE, CL, MG, VE	JBB 84, ACS 3602, GPS 10653
<i>Calea hypericifolia</i> (Gardn.) Baker	CE	ACS 3775
<i>Calea quadrifolia</i> Pruski and Urbatsch	CE	JBB 80
<i>Calea</i> cf. <i>reticulata</i> Gardn.	CE	GPS 5630
<i>Campuloclinium megacephalum</i> (Mart. ex Baker) R.M. King and H. Rob.	CE	JBB 88
<i>Centratherum punctatum</i> Cass.	CE	ACS 3943
<i>Chresta angustifolia</i> Gardn.	CL	JBB 784
<i>Chresta souzae</i> H. Rob.	CE, CS	JBB 838
<i>Chromolaena chaseae</i> (B.L. Rob.) R.M. King and H. Rob.	CE	ACS 4034
<i>Chromolaena leucocephala</i> Gardn.	CE	GPS 10681
<i>Chromolaena mucronata</i> (Gardn.) R.M. King and H. Rob.	CE	ACS 3758
<i>Chromolaena myriocephala</i> (Gardn.) R.M. King and H. Rob.	CE	GPS 5114
<i>Chromolaena pseudinsignis</i> R.M. King and H. Rob.	CE	JBB 92
<i>Chromolaena pungens</i> (Gardn.) R.M. King and H. Rob.	CE	GPS 11763
<i>Chromolaena squalida</i> (DC.) R.M. King and H. Rob.	CE	GPS 11692, GPS 10344

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Chrysolaena desertorum</i> (Mart. ex DC.) Dematt.	CE, CL	GPS 5638, TBC 1036, GPS 10983
<i>Chrysolaena obovata</i> (Less.) Dematt.	CE, CL, CS, MG, MS	BW 4658, BW 4508, GPS 12282
<i>Chrysolaena simplex</i> (Less.) Dematt.	CE, CS	BW 4624, TBC 988, GPS 10904
<i>Dasyphyllum donianum</i> (Gardn.) Cabrera	MC	ACS 3590
<i>Dimerostemma goyazense</i> (Gardn.) M.D. Moraes	MC	GPS 5004
<i>Dimerostemma vestitum</i> (Baker) S.F. Blake	CE	TBC 1115
<i>Echinocoryne subulata</i> (Baker) H. Rob.	CE	GPS 10751
<i>Eclipta prostrata</i> (L.) L.	MC	BW 4595, JBP 149
<i>Elephantopus riparius</i> Gardn.	MC, MG	GPS 10555
<i>Eleutheranthera ruderalis</i> (Sw.) Sch. Bip.	MS	GPS 5756
<i>Erechtites hieraciifolia</i> (L.) Raf. ex DC.	MC, MG	JBP 145, GPS 11968
<i>Eremanthus capitatus</i> (Spreng.) MacLeish	CE	JBB 837
<i>Eremanthus goyazensis</i> (Gardn.) Sch. Bip.	CE	GPS 5079
<i>Eremanthus mattogrossensis</i> Kuntze	CE	GPS 10770
<i>Glaziovianthus curumbensis</i> (Philipson) MacLeish	CE, CS	GPS 4389
<i>Glaziovianthus purpureus</i> G.M. Barroso	CE	GPS 5619
<i>Glaziovianthus speciosus</i> (Gardn.) MacLeish	CE	GPS 11992, GPS 12305
<i>Ichthyothere connata</i> S.F. Blake	CE	JBB 93
<i>Ichthyothere terminalis</i> (Spreng.) S.F. Blake	CL	JBB 257
<i>Lepidaploa aurea</i> (Mart. ex DC.) H. Rob.	CE	BW 4779, ACS 3737
<i>Lepidaploa remotiflora</i> (Rich.) H. Rob.	CE	ACS 3825
<i>Leptostelma tweediei</i> (Hook. and Arn.) D.J. N. Hind and G.L. Nesom	CE, CL	GPS 4621
<i>Lessingianthus bishopii</i> (H. Rob.) H. Rob.	CS	JBB 797
<i>Lessingianthus buddleiifolius</i> (Mart. ex DC.) H. Rob.	CE	MCA 388, GPS 11523
<i>Lessingianthus durus</i> (Mart. ex DC.) H. Rob.	CE, CS	GPS 5066, GPS 11993, GPS 10575, GPS 10691
<i>Lessingianthus fonsecae</i> (H. Rob.) H. Rob.	CE	JBB 89
<i>Lessingianthus hoveaeifolius</i> (Gardn.) H. Rob.	CE, MS	GPS 5017, GPS 11545
<i>Lessingianthus linearifolius</i> (Less.) H. Rob.	CL, CS	JFP 501
<i>Lessingianthus myrsinites</i> H. Rob.	CE	JBB 86, MCA 405
<i>Lessingianthus obscurus</i> (Less.) H. Rob.	MS	GPS 5020
<i>Lessingianthus psilophyllus</i> (DC.) H. Rob.	CL	JFP 549
<i>Mikania cf. campanulata</i> Gardn.	MG	GPS 11930
<i>Mikania cordifolia</i> (L. f.) Willd.	CE	GPS 6634
<i>Mikania goyazensis</i> (B.L. Rob.) R.M. King and H. Rob.	CE	JBB 87
<i>Mikania officinalis</i> Mart.	CL, VE	BW 707
<i>Mikania psilostachya</i> DC.	MG	BW 2415
<i>Pectis elongata</i> Kunth	CE, CL	ACS 3748
<i>Planaltoa salviiifolia</i> Taub.	CE, CL	JBB 799
<i>Porophyllum angustissimum</i> Gardn.	CE	JBB 835
<i>Porophyllum ruderale</i> (Jacq.) Cass.	CE	ACS 3764
<i>Praxelis capillaris</i> (DC.) Sch. Bip.	CE	RCO 843
<i>Praxelis grandiflora</i> (DC.) Sch. Bip.	CE	ACS 3727
<i>Praxelis kleinoides</i> (Kunth) Sch. Bip.	CE	GPS 5097
<i>Riencourtia longifolia</i> Baker	CE	JBB 770
<i>Riencourtia oblongifolia</i> Gardn.	CE, MG, MS, VE	GPS 4578, GPS 5018, JBP 37, GPS 12296, GPS 11554
<i>Riencourtia tenuifolia</i> Gardn.	CE, CL, CS	JBB 812
<i>Spilanthes nervosa</i> Chodat	CE, CS	GPS 12378
<i>Staurochlamys burchellii</i> Baker	CE, MG	ACS 3776
<i>Stomatanthes trigonus</i> (Gardn.) R.M. King and H. Rob.	CL	ACS 3567
<i>Tilesia baccata</i> (L.) Pruski	CE, CO, MC	JBB 76, TBC 1049, JBP 105
<i>Trichogonia cinerea</i> (Gardn.) R.M. King and H. Rob.	CE	JBB 772
<i>Trichogonia dubia</i> (B.L. Rob.) R.M. King and H. Rob.	CE	GPS 11525
<i>Tridax procumbens</i> L.	MS	GPS 4808
<i>Trixis glutinosa</i> D. Don	CE, CS	JFP 533, GPS 10752
<i>Vernonanthura ferruginea</i> (Less.) H. Rob.	CE	GPS 6633
<i>Vernonia rubriramea</i> Mart. ex DC.	CE	RCO 864
<i>Viguiera bracteata</i> Gardn.	MS	JBB 750
<i>Viguiera grandiflora</i> Gardn.	CS	BW 4654
<i>Viguiera oblongifolia</i> Gardn.	CE, CL, PA	GPS 4532, GPS 12908

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Wedelia</i> cf. <i>pallida</i> Gardn.	CE	MCA 428
<i>Wedelia souzae</i> H. Rob.	AQ	JBB 85
<i>Wunderlichia crulsiana</i> Taub.	CE	JBB 90
<i>Xerxes ekmanianum</i> (Philipson) J.R. Grant	CR	GM 16417
Bignoniaceae		
<i>Anemopaegma arvense</i> (Vell.) Stellfeld ex de Souza	CE, CS	GPS 5617, TBC 2687, GPS 12295, GPS 12352
<i>Anemopaegma longipetiolatum</i> Sprague	MC	GPS 5146
<i>Arrabidaea brachypoda</i> (DC.) Bureau	CE, CS, MG, VE	GPS 5856, LBB 1231, GPS 11960, GPS 12310
<i>Arrabidaea cinerea</i> Bureau and K. Schum.	MS	GPS 5753
<i>Arrabidaea cinnamomea</i> (DC.) Sandw.	CE, CR	GPS 4553, BW 3678
<i>Arrabidaea corallina</i> (Jacq.) Sandw.	MG, MS	GPS 4754, GPS 5359
<i>Arrabidaea</i> cf. <i>craterophora</i> (DC.) Bureau	CL	JFP 516
<i>Arrabidaea florida</i> A. DC.	MC	GPS 10407
<i>Arrabidaea platyphylla</i> Bureau and K. Schum.	CS	TBC 991
<i>Arrabidaea sceptrum</i> (Cham.) Sandw.	CE, CS	BW 916, ACS 3986
<i>Callichlamys latifolia</i> (Rich.) K. Schum.	CO, MC, MG	GPS 4663, JBP 155
<i>Cybistax antisiphilitica</i> (Mart.) Mart.	CE	GPS 12073
<i>Distictella elongata</i> (Vahl) Urb.	CE, CO	GPS 5827
<i>Distictella mansoana</i> (DC.) Urb.	CE	JBP 139
<i>Handroanthus impetiginosus</i> (Mart. ex DC.) Mattos	CE, MC, MG, MS	GPS 5240, GPS 11927, GPS 12049, GPS 10609
<i>Handroanthus serratifolius</i> (Vahl) S.O. Grose	CE	GPS 12144
<i>Jacaranda brasiliiana</i> (Lam.) Pers.	CE, CO, MG, MS	GPS 5656, TBC 2695, GPS 11989, GPS 10948
<i>Jacaranda rufa</i> Manso	CE	BW 777
<i>Jacaranda simplicifolia</i> K. Schum.	CL	JFP 520
<i>Melloa quadrivalvis</i> (Jacq.) A.H. Gentry	CE, MS	GPS 11807, GPS 12180
<i>Memora axillaris</i> Bur. and K. Schum.	CE, MC	TBC 1163, GPS 12894, ACS 4016
<i>Paragonia pyramidata</i> (Rich.) Bureau	MG	GPS 6606
<i>Tabebuia aurea</i> (Manso) Benth. and Hook. f. ex S. Moore	CE, MS	GPS 5277, GPS 11884, ACS 3407
<i>Tabebuia roseoalba</i> (Ridl.) Sandwith	CE, MS	GPS 5712, GPS 12170
<i>Zeyheria montana</i> Mart.	CE	TBC 1110
Bixaceae		
<i>Cochlospermum regium</i> (Schrank) Pilg.	CE	GPS 5082, TBC 1438, GPS 11879, GPS 10374
<i>Bixa orellana</i> L.	AN, CE, MC, MG, MS	TBC 840, GPS 10729, ACS 3978
Blechnaceae		
<i>Blechnum occidentale</i> L.	MG	BW 920
Boraginaceae		
<i>Cordia alliodora</i> (Ruiz and Pav.) Oken	MC, MG	GPS 10732, GPS 10792
<i>Cordia gerascanthus</i> L.	MG	GPS 10937
<i>Cordia glabrata</i> (Mart.) A. DC.	CE, MG, MS	TBC 848, GPS 11878, ACS 3437
<i>Cordia superba</i> Cham.	CE	RCO 887
<i>Cordia trichotoma</i> (Vell.) Arráb. ex Steud.	CE, MC, MG, MS, PA	GPS 5129, BW 5924, ACS 3839
<i>Heliotropium anomalum</i> Hook. and Arn.	CE	GPS 12052
<i>Heliotropium filiforme</i> Lehm.	MG	GPS 12316
<i>Heliotropium indicum</i> L.	AN, MC, MG	BW 4598, GPS 5592, GPS 6620
<i>Heliotropium procumbens</i> Mill.	MC	GPS 10626
<i>Tournefortia breviflora</i> DC.	CE, MC, MG	GPS 5644, GPS 11715, GPS 12870, GPS 12157
<i>Tournefortia paniculata</i> Cham.	CO	GPS 5707
<i>Varronia calocephala</i> (Cham.) Friesen	CE	ACS 3738
<i>Varronia polycephala</i> Lam.	CE	ACS 4060
<i>Varronia sessilifolia</i> (Cham.) Borhidi	CE, MG, VE	BW 4535, BW 776
Bromeliaceae		
<i>Aechmea tocantina</i> Baker	CE	GPS 12068
<i>Ananas ananassoides</i> (Baker) L.B. Sm.	CE, MC	GPS 11035
<i>Bromelia</i> sp.	CE, MC	GPS 11895, ACS 3985
<i>Dyckia brasiliiana</i> L.B. Sm.	CE, CS	BW 4794, BW 735, ACS 3603
<i>Dyckia machrisiana</i> L.B. Sm.	CE	GPS 5625

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Tillandsia streptocarpa</i> Baker	CR, MG, MS	GM 16517, BW 3419, ACS 4085
Bryaceae		
<i>Bryum</i> sp.	MS	ACS 4082
Burmanniaceae		
<i>Burmannia capitata</i> Mart.	CL	JAB 1530
<i>Burmannia flava</i> Mart.	CL, CR, CS	JFP 505
Burseraceae		
<i>Commiphora leptophloeos</i> (Mart.) J.B. Gillett	MS	ACS 4061
<i>Protium heptaphyllum</i> (Aubl.) March.	CE, MG, MS	GPS 11905, GPS 11959, GPS 10939
<i>Protium ovatum</i> Engl.	CE	GPS 6511
<i>Protium spruceanum</i> (Benth.) Engl.	MC	ACS 3499
<i>Tetragastris altissima</i> (Aubl.) Sw.	CE, CO, MG, MS	GPS 5227, GPS 5237, BW 5814, GPS 6516, GPS 10597
Cabombaceae		
<i>Cabomba furcata</i> Schult. and Schult. f.	CE	GPS 11642
Calophyllaceae		
<i>Calophyllum brasiliense</i> Cambess.	CE, MG	BW 4049, GPS 12184, GPS 6602, GPS 11625
Campanulaceae		
<i>Centropogon cornutus</i> (L.) Druce	CE, MG	GPS 5835
<i>Lobelia</i> sp.	CL, VE	JAB 841
Cannabaceae		
<i>Celtis iguanaea</i> (Jacq.) Sarg.	CO, MC, MG, MS	GPS 4816, GPS 5582, GPS 12199, ACS 3899
<i>Trema micrantha</i> (L.) Blume	MC, MG	BW 4580, GPS 10737, GPS 6623
Capparaceae		
<i>Cleome</i> cf. <i>spinosa</i> Jacq.	MG	GPS 4462
Caryocaraceae		
<i>Caryocar brasiliense</i> Cambess.	CE, MS	GPS 5278, BW 3499, GPS 10434
<i>Caryocar cuneatum</i> Wittm.	CE	GPS 11950, ACS 3472
Caryophyllaceae		
<i>Polycarpaea corymbosa</i> (L.) Lam.	CE, MS	ACS 3747
Celastraceae		
<i>Cheiloclinium cognatum</i> (Miers.) A.C. Smith	MG, MS	BW 4669, BW 5877, GPS 11048
<i>Hippocratea volubilis</i> Sw.	MC	GPS 11856
<i>Maytenus floribunda</i> Reissek	CE, MG	AAS 594, GPS 6569
<i>Peritassa laevigata</i> (Hoffmanns. ex Link) A.C. Sm.	MG	BW 3535
<i>Salacia crassifolia</i> (Mart. ex Schult.) G. Don	CE	GPS 4358, BW 4518, GPS 11010
<i>Salacia elliptica</i> (Mart. ex Schult.) G. Don	CE, MG, MS	GPS 11126, GPS 5714, GPS 12192, ACS 3446
Chloranthaceae		
<i>Hedyosmum brasiliense</i> Mart. ex Miq.	MG	BW 3405
Chrysobalanaceae		
<i>Couepia grandiflora</i> (Mart. and Zucc.) Benth. ex Hook f.	CE, MG	BW 3414, GPS 10945, GPS 10999
<i>Couepia uti</i> (Mart. and Zucc.) Benth. ex Hook f.	MC	ACS 3509
<i>Exellodendron</i> sp.	CE	GPS 4776
<i>Hirtella burchellii</i> Britton	CE, MS	TBC 2699
<i>Hirtella glandulosa</i> Spreng.	CO, MS	GPS 5230, GPS 5300
<i>Hirtella gracilipes</i> (Hook. f.) Prance	CE, MC, MG	GPS 4744, RCO 862, GPS 11865, ACS 3477, GPS 10665
<i>Hirtella hebeclada</i> Moric. ex DC.	CE, MC	ACS 3552
<i>Hirtella martiana</i> Hook. f.	MG	GPS 12017
<i>Licania apetala</i> (E. Mey.) Fritsch	MC, MG	BW 4600, GPS 5376
<i>Licania blackii</i> Prance	CE	GPS 5400
<i>Licania engleri</i> Prance	MG	GPS 6402
<i>Licania gardneri</i> (Hook. f.) Fritsch.	CE, MC, MG, MS	GPS 5678, GPS 5292, ACS 3447
<i>Licania kunthiana</i> Hook. f.	CE, MG	GPS 4501
<i>Licania sclerophylla</i> (Mart. ex Hook. f.) Fritsch	CE, MG, MS	GPS 5410, BW 757, GPS 12188, GPS 6519
Clusiaceae		
<i>Caraipa</i> sp.	MG	GPS 14177
<i>Clusia gardneri</i> Planch. and Triana	CE, CR, MG, VE	GM 16539, BW 3409, GPS 11626
<i>Clusia sellowiana</i> Schlttdl.	MC, MG	BW 4690, BW 3567
<i>Kielmeyera cerasina</i> Saggi	CE, CS	GPS 12380, BW 760
<i>Kielmeyera coriacea</i> Mart. and Zucc.	CE, MC, MS	GPS 4649, AAS 359, BW 5805, GPS 10511, GPS 11001

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Kielmeyera lathrophyton</i> Saddi	CE, MG	JFP 822, GPS 4427
<i>Kielmeyera pulcherrima</i> L.B. Sm.	CE	GPS 4721, GPS 11814, GPS 11560
<i>Kielmeyera rubriflora</i> Cambess.	CE	BW 739, ACS 3542
<i>Kielmeyera speciosa</i> A. St.-Hil.	CE, CO	BW 2382, GPS 10768
<i>Rheedia</i> sp.	CE, MC	JBP 168
<i>Vismia decipiens</i> Cham. and Schltldl.	MC, MG	GPS 11166
Combretaceae		
<i>Buchenavia tomentosa</i> Eichler	CE, MC, MG, MS	GPS 5287, GPS 5220, GPS 12022, ACS 3585
<i>Combretum discolor</i> Taub.	MC	GPS 11742, ACS 3540
<i>Combretum duarteianum</i> Cambess.	CE	ACS 3977
<i>Combretum fruticosum</i> (Loefl.) Stuntz	CE, MG, MS	GPS 5214, RCO 885, GPS 11752
<i>Combretum hilarianum</i> D. Dietr.	MG, MS	TBC 2606, GPS 12238
<i>Combretum lanceolatum</i> Pohl ex Eichler	MC, MG	GPS 5159, GPS 4954, ACS 3510
<i>Combretum leprosum</i> Mart.	CO, MC, MS	BW 4799, GPS 5239, ACS 4126, GPS 11435
<i>Terminalia actinophylla</i> Mart.	CE, CO, MC, MS	GPS 4615, TBC 1177, GPS 11883, GPS 11040, GPS 11621
<i>Terminalia argentea</i> Mart.	AN, CE, CL, CO, MG, MS	BW 4609, TBC 1116, BW 5801, GPS 11007
<i>Terminalia glabrescens</i> Mart.	CE	ACS 3410
<i>Terminalia cf. phaeocarpa</i> Eichler	CE, MG	GPS 11702
Commelinaceae		
<i>Commelina</i> sp.	CE, MC	GPS 5119, JBP 142
<i>Dichorisandra perforans</i> C.B. Clarke	MG	GPS 14192
<i>Murdannia cf. gardneri</i> (Seub.) G. Brückn.	CE	GPS 11159
Connaraceae		
<i>Connarus suberosus</i> Planch.	CE, CS	GPS 4368, BW 721, ACS 3467, GPS 10605
<i>Rourea induta</i> Planch.	CE	GPS 4362, BW 705, GPS 12299, GPS 11006
Convolvulaceae		
<i>Aniseia cernua</i> Moric.	MS	GPS 11610
<i>Bonamia maripoides</i> Hallier f.	CE	GPS 6423
<i>Cuscuta glomerata</i> Choisy	CE	GPS 10758
<i>Evolvulus alopecuroides</i> Mart.	CE	ACS 3876
<i>Evolvulus aurigenus</i> Mart.	CE, CL	JFP 407, GPS 11559
<i>Evolvulus elegans</i> Moric.	CE	GPS 5087
<i>Evolvulus ericaefolius</i> Mart. ex Schrank	CE, CL	JFP 402, ACS 3650, GPS 5921
<i>Evolvulus filipes</i> Mart.	CE, MC	GPS 4841, GPS 11785, GPS 14168
<i>Evolvulus pterygophyllus</i> Mart.	CL	JFP 404
<i>Ipomoea alba</i> L.	MC	GPS 11447
<i>Ipomoea bahiensis</i> Willd. ex Roem. and Schult.	MS	GPS 5373
<i>Ipomoea batatoides</i> Choisy	MG	GPS 10589
<i>Ipomoea bonariensis</i> Hook.	MS	GPS 4806
<i>Ipomoea cordata</i> (Choisy) Austin and Staples	MG	GPS 11755
<i>Ipomoea coriacea</i> Choisy	CE, MG	TBC 1079, GPS 11915
<i>Ipomoea cuneifolia</i> Meisn.	CE	GPS 11458, GPS 11546
<i>Ipomoea echioides</i> Choisy	CE	JFP 875, GPS 12886
<i>Ipomoea fiebrigii</i> Hassler ex O'Donell	CL, CR	JFP 408
<i>Ipomoea goyazensis</i> Gardn.	MS	BW 3254
<i>Ipomoea hirsutissima</i> Gardn.	CE, CS	BW 913
<i>Ipomoea nerifolia</i> Gardn.	CE, CL, CS	GPS 5945, TBC 1083
<i>Ipomoea pinifolia</i> Meisn.	CE, CL, VE	MCA 391, GPS 13444
<i>Ipomoea pohlii</i> Choisy	CE	GPS 4413
<i>Ipomoea procumbens</i> Mart. and Choisy	CE	TBC 1082
<i>Ipomoea procurrans</i> Meisn.	CE	GPS 11771
<i>Ipomoea quamoclit</i> L.	MC	GPS 10441
<i>Ipomoea ramosissima</i> (Poir.) Choisy	CE, MC	GPS 5128, GPS 12025
<i>Ipomoea rupestris</i> Sim.-Bianch. and Pirani	CL	JFP 406
<i>Ipomoea sericophylla</i> Meisn.	CO	TBC 1076
<i>Jacquemontia fusca</i> Hallier	CS	TBC 1143
<i>Jacquemontia racemosa</i> Meisn.	CL, VE	TBC 1135

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Maripa reticulata</i> Ducke	MG	GPS 12361
<i>Merremia aegyptia</i> (L.) Urb.	MG	GPS 10495
<i>Merremia aturensis</i> (Kunth) Hallier f.	CS	ACS 3575
<i>Merremia cissoides</i> (Lam.) Hallier f.	MC	GPS 4978
<i>Merremia digitata</i> (Spreng.) Hallier f.	CS	GPS 5209
<i>Merremia tomentosa</i> (Choisy) Hallier f.	CE	GPS 12309
<i>Merremia umbellata</i> (L.) Hallier f.	MG	TBC 2655
<i>Operculina alata</i> (Ham.) Urban	CE, CO, MS	GPS 4921, GPS 4866, GPS 14166
<i>Turbina cordata</i> (Choisy) Austin and Staples	MC	GPS 5135
Costaceae		
<i>Costus acaulis</i> S. Moore	MG, MS	GPS 5648, BW 4492, BW 5874
<i>Costus spicatus</i> (Jacq.) Sw.	CE	GPS 15812
<i>Costus spiralis</i> (Jacq.) Roscoe	MC, MG	BW 4579, BW 3260, JBP 143
<i>Costus subsessilis</i> (Nees and Mart.) Maas	MG	GPS 10965
<i>Dimerocostus</i> sp.	MS	GPS 15813
Cucurbitaceae		
<i>Cayaponia tayuya</i> (Vell.) Cogn.	MC	GPS 11839
<i>Melothria</i> sp.	MS	GPS 4800
Cyperaceae		
<i>Ascolepis brasiliensis</i> (Kunth) Benth. ex C.B. Clarke	VE	GPS 5841
<i>Bulbostylis conifera</i> (Kunth) C.B. Clarke	CE	GPS 12221
<i>Bulbostylis fasciculata</i> Uittien	CE	GPS 4487
<i>Bulbostylis fendleri</i> C.B. Clarke	CE, MS	GPS 4333
<i>Bulbostylis jacobinae</i> (Steud.) Lindm.	CE	GPS 4494
<i>Bulbostylis junciformis</i> (Kunth) C.B. Clarke	CE	GPS 4573, GPS 12303
<i>Bulbostylis loefgrenii</i> (Boeck.) Prata and M.G. López	CE, MG, VE	BW 883
<i>Bulbostylis paradoxa</i> (Spreng.) Lindm.	CE, CS	BW 4554, TBC 863, GPS 6532
<i>Bulbostylis stenocarpa</i> Kük.	CE	ACS 3878
<i>Bulbostylis truncata</i> (Nees) M.T. Strong	CE	GPS 10984
<i>Cyperus</i> cf. <i>giganteus</i> Vahl	CE	GPS 11648
<i>Cyperus globosus</i> Boeck.	CE	GPS 10479
<i>Cyperus haspan</i> L.	CE	GPS 11153, GPS 11649
<i>Cyperus iria</i> L.	CE, MC	GPS 11721, GPS 10387
<i>Cyperus laxus</i> Lam.	MC, MG	GPS 5673, JBP 132
<i>Cyperus luzulae</i> (L.) Rottb. ex Retz.	CE, VE	GPS 11139, BW 788, GPS 11644
<i>Cyperus schomburgkianus</i> Nees	CE	GPS 12235
<i>Cyperus surinamensis</i> Rottb.	MC	GPS 11722
<i>Eleocharis interstincta</i> (Vahl) Roem. and Schult.	MS	GPS 11618
<i>Eleocharis minima</i> Kunth	CE, MC	GPS 12026
<i>Eleocharis mutata</i> (L.) Roem. and Schult.	CE	GPS 11789
<i>Eleocharis palustris</i> (L.) Roem. and Schult.	MC	GPS 11723
<i>Fimbristylis dichotoma</i> (L.) Vahl	CE, MC, MG	GPS 11150, GPS 11719, ACS 3668
<i>Fimbristylis miliacea</i> (L.) Vahl	MC, MG	GPS 4685, GPS 11717, ACS 3491
<i>Fuirena umbellata</i> Rottb.	CE	GPS 11651
<i>Kyllinga odorata</i> Vahl	MG	GPS 5674
<i>Lagenocarpus verticillatus</i> (Spreng.) T. Koyama and Maguire	CE	GPS 5121
<i>Lipocarpa humboldtiana</i> Nees	CE, MS, VE	GPS 5842, ACS 3685
<i>Rhynchospora cephalotes</i> (L.) Vahl	CS, MG	GPS 4411, GPS 11970, GPS 10663
<i>Rhynchospora consanguinea</i> (Kunth) Boeckeler	CE, MG, VE	GPS 5865, BW 763, GPS 10952
<i>Rhynchospora dentinix</i> C.B. Clarke	CE	TBC 1169
<i>Rhynchospora elatior</i> Kunth	CE	MCA 386, GPS 11487
<i>Rhynchospora globosa</i> (Kunth) Roem. and Schult.	CE, CL, MG, VE	BW 879, ACS 3601, GPS 13501
<i>Rhynchospora nervosa</i> (Vahl) Boeckeler	CE, MG, VE	BW 861
<i>Rhynchospora patuligluma</i> C.B. Clarke ex Lindm.	CE	BW 764
<i>Rhynchospora rugosa</i> (Vahl) Gale	MG	RCO 859
<i>Rhynchospora tenuis</i> Link	CL, VE	TBC 1117
<i>Rhynchospora velloziiiformis</i> T. Koyama	VE	BW 734
<i>Rhynchospora velutina</i> Boeck.	CE, MG, VE	BW 887

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Scirpus bracteata</i> Cav.	VE	RCO 842
<i>Scirpus hirtella</i> Sw.	CE, MG, VE	BW 864
<i>Scleria</i> sp.	CE, MC, MG, VE	GPS 5110, RCO 857, JBP 135, ACS 4063
Dennstaedtiaceae		
<i>Lindsaea divaricata</i> Klotzsch	CE	JBP 47
Dichapetalaceae		
<i>Tapura amazonica</i> Poepp. and Endl.	CE, MG, MS	BW 3529, JBP 40, GPS 6517
Dilleniaceae		
<i>Curatella americana</i> L.	CE	BW 4540, TBC 2620, GPS 11920, ACS 3408
<i>Davilla elliptica</i> A. St.-Hil.	CE	BW 4533, TBC 868, GPS 11712, GPS 10358
<i>Davilla grandiflora</i> A. St.-Hil. and Tul.	CE	GPS 4418, ACS 4011
<i>Davilla nitida</i> (Vahl) Kubitzki	CE, CS, MC, MG	TBC 997, GPS 11867, ACS 3442
<i>Dolioscarpus brevipedicellatus</i> Garcke	CS, MG	GPS 5320, TBC 1009
<i>Dolioscarpus dentatus</i> (Aubl.) Standl.	MC, MG	GM 16394, GPS 10697
Dioscoreaceae		
<i>Dioscorea adenocarpa</i> Mart.	CE, MG	GPS 4482
<i>Dioscorea amaranthoides</i> C. Presl	MS	GPS 5210
<i>Dioscorea campestris</i> Griseb.	MG, MS	GPS 4799, GPS 12060
<i>Dioscorea corumbensis</i> R. Knuth	MC, MG	GPS 4387, TBC 2600, GPS 10772
<i>Dioscorea hassleriana</i> Chodat	CS	ACS 4006
<i>Dioscorea multiflora</i> Griseb.	CE, MG, MS	GPS 5688, ACS 3658
<i>Dioscorea orthogoneura</i> Uline ex Hochr.	MC	LBB 1229
Droseraceae		
<i>Drosera communis</i> A. St.-Hil.	MG	GPS 5197
<i>Drosera sessilifolia</i> A. St.-Hil.	CE	ACS 3962
Ebenaceae		
<i>Diospyros hispida</i> A. DC.	CE	BW 4678, BW 5842
<i>Diospyros sericea</i> A. DC.	CE, MC, MG, MS	GPS 5692, BW 3500, BW 5824, ACS 3450, GPS 10616
Elaeocarpaceae		
<i>Sloanea guianensis</i> (Aubl.) Benth.	MC, MG	BW 3575
Emmotaceae		
<i>Emmotum nitens</i> (Benth.) Miers	CE, CS, MC, MG, MS	GPS 4597, GPS 5304, GPS 11736, GPS 6507
Eriocaulaceae		
<i>Comanthera xeranthemoides</i> (Bong.) L.R. Parra and Giul.	CS	JFP 1828
<i>Eriocaulon modestum</i> Kunth	CS	GPS 10664
<i>Eriocaulon sellowianum</i> Kunth	CE	GPS 6448
<i>Paepalanthus giganteus</i> Sano	CL, VE	TBC 1140
<i>Paepalanthus subtilis</i> Miq.	CL	JFP 527
<i>Syngonanthus caulescens</i> (Poir.) Ruhland	CE, CL, MC, MG, VE	JFP 381, GPS 12030, ACS 3592, GPS 10655
<i>Syngonanthus gracilis</i> (Bong.) Ruhland	CE	GPS 5098, ACS 3678
<i>Syngonanthus nitens</i> (Bong.) Ruhland	CL, VE	JFP 523, RCO 870, ACS 3600, GPS 12047
Erythroxylaceae		
<i>Erythroxylum campestre</i> A. St.-Hil.	CE	GPS 6457
<i>Erythroxylum daphnites</i> Mart.	CE, CL, CS, MG, MS	GPS 5744, BW 726, ACS 3519
<i>Erythroxylum deciduum</i> A. St.-Hil.	CE, CS, MS	GPS 4372, GPS 4343
<i>Erythroxylum pruinatum</i> O. E. Schulz	CE	GPS 10896
<i>Erythroxylum squamatum</i> Sw.	CE, MG	GPS 4479
<i>Erythroxylum suberosum</i> A. St.-Hil.	CE	GPS 4367, TBC 865, BW 5822, GPS 12381
<i>Erythroxylum subracemosum</i> Turcz.	MG, MS	TBC 2613, BW 5871, GPS 10958
<i>Erythroxylum tortuosum</i> Mart.	CE, CL, VE	TBC 1028
Euphorbiaceae		
<i>Acalypha communis</i> Müll. Arg.	MG	GPS 5321
<i>Alchornea schomburgkii</i> Benth.	CE, MC	GPS 12033, GPS 12354
<i>Astraea lobata</i> (L.) Klotzsch	CE, MG, VE	BW 868
<i>Bernardia crassifolia</i> Müll. Arg.	CE	ACA 2740, GPS 6553
<i>Bernardia hirsutissima</i> (Baill.) Müll. Arg.	CE, CS	GPS 5628
<i>Bernardia similis</i> Pax and K. Hoffm.	CE	GPS 12379
<i>Caperonia palustris</i> (L.) A. St.-Hil.	CE, MS	GPS 4521, GPS 11613

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Chamaesyce caecorum</i> (Mart. ex Boiss.) Croizat	CE, CS	GPS 5614, BW 761, GPS 10908
<i>Chamaesyce</i> cf. <i>potentilloides</i> (Boiss.) Croizat	CE, MS	GPS 4347
<i>Chamaesyce</i> cf. <i>thymifolia</i> (L.) Millsp.	CE	ACS 3675
<i>Chamaesyce hirta</i> (L.) Arthur	MC	GPS 11562
<i>Chamaesyce hyssopifolia</i> (L.) Small	MC, MG, MS	GPS 5669, JBP 151, GPS 11481
<i>Chamaesyce selloi</i> (Klotzsch and Garcke) Croizat	CE, CS	GPS 5642, BW 765
<i>Cnidoscolus cnicodendron</i> Griseb.	AN, CE	BW 4631, BW 736, JBP 106
<i>Cnidoscolus urens</i> (L.) Arthur	MC	GPS 10446
<i>Croton antisiphiliticus</i> Mart.	CE, CS, MG, MS	GPS 12372, GPS 4346, GPS 10907
<i>Croton chaetocalyx</i> Müll. Arg.	CE	GPS 4471, JBP 14, ACS 4092
<i>Croton glandulosus</i> L.	CE	GPS 5927
<i>Croton grandivelus</i> Baill.	CE	BW 772, JBP 24
<i>Croton hirtus</i> L'Herit.	MS	GPS 5754
<i>Croton lanjouwensis</i> Jabl.	MG	GPS 12263
<i>Croton matourensis</i> Aubl.	MG	BW 4652
<i>Croton pedicellatus</i> Kunth	CE	GPS 4469
<i>Croton urucurana</i> Baill.	CE, MC, MG	GPS 5416, GPS 12889, GPS 10635
<i>Dalechampia caperonioides</i> Baill.	CE	GPS 12112
<i>Dalechampia cujabensis</i> Mart. ex Baill.	MC	JBP 63
<i>Dalechampia linearis</i> Baill.	CE, MS	GPS 4552, TBC 2664, GPS 11991, GPS 10906, GPS 11550
<i>Ditaxis</i> sp.	MC	GPS 10556
<i>Euphorbia</i> sp.	CE	GPS 4429
<i>Jatropha elliptica</i> (Pohl) Oken	CE, CS	BW 4520, GPS 10902
<i>Julocroton humilis</i> Didr.	CE	JBP 18, GPS 12277, GPS 11534
<i>Mabea</i> cf. <i>piriri</i> Aubl.	MS	GPS 5168
<i>Mabea pohliana</i> Müll. Arg.	CE, MC, MG, MS	GPS 4751, BW 3248, GPS 11654, GPS 10568, GPS 10698
<i>Manihot alutacea</i> D.J. Rogers and Appan	CE	ACA 3667
<i>Manihot anomala</i> Pohl	CE, MC, MG, MS	GPS 4448, BW 4490, JBP 46
<i>Manihot divergens</i> Pohl	CE	TBC 2668
<i>Manihot esculenta</i> Crantz	CE, MC, MG, MS	ACA 2847, GPS 4428, GPS 13455, GPS 10695
<i>Manihot</i> cf. <i>gracilis</i> Pohl	CE	GPS 10910
<i>Manihot leptophylla</i> Pax and K. Hoffm.	MS	BW 3245
<i>Manihot mossamedensis</i> Taub.	CE, CO, MS	GPS 4942, GPS 4431, GPS 10757
<i>Manihot peltata</i> Pohl	CE, CL	GPS 4495
<i>Manihot pruinosa</i> Pohl	CE, CO	ACA 2848
<i>Manihot pseudopruinosa</i> Pax and K. Hoffm.	CE, CS, MS	ACA 2737, ACA 4062
<i>Manihot purpureo-costata</i> Pohl	CE, CS	ACA 3490, HGS 430
<i>Manihot quinqueloba</i> Pohl	MS	GPS 4646
<i>Manihot reptans</i> Pax	CL	GPS 4605
<i>Manihot sagittato-partita</i> Pohl	CE	GPS 11831, GPS 12313, GPS 14137
<i>Manihot salicifolia</i> Pohl	CE, CS	ACA 3087
<i>Manihot stricta</i> Baill.	CE	GPS 12292
<i>Manihot tenerrima</i> Pohl	CE	GGH 56322
<i>Manihot tomentosa</i> Pohl	MS	BW 3246
<i>Manihot tripartita</i> (Spreng.) Müll. Arg.	CE, CL, CS, MG, MS	ACA 2850, TBC 2666, GGH 56336, GPS 12281
<i>Manihot triphylla</i> Pohl	CE, CO, CS	ACA 2734, BW 958
<i>Manihot tristis</i> Müll. Arg.	CE, MG, MS	ACA 2849
<i>Manihot violacea</i> Pohl	CE	TBC 1142
<i>Maprounea guianensis</i> Aubl.	MS	GPS 4534
<i>Microstachys bidentata</i> (Mart. and Zucc.) Esser	CE, CS	ACA 3480, GPS 11521
<i>Microstachys corniculata</i> (Vahl) Griseb.	CE, MC	GPS 4976, ACS 3916
<i>Microstachys serrulata</i> (Mart. and Zucc.) Müll. Arg.	CE	GPS 4441
<i>Sapium glandulosum</i> (L.) Morong	CE, MC, MS	BW 3566, JBP 119
<i>Sapium</i> cf. <i>pruinatum</i> Huber	MC	GPS 11420
<i>Sebastiania brasiliensis</i> Spreng.	CE, MG, MS, PA	GPS 5352, RCO 845, BW 5909, GPS 11017
<i>Sebastiania myrtilloides</i> (Mart.) Pax	CE, MC	GPS 4840, GPS 12312, GPS 11535
<i>Sebastiania ramosissima</i> (A. St.-Hil.) Laurenio Melo and M. F. Sales	AN, MC	BW 4634, GPS 4673

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Tragia</i> cf. <i>ermerichii</i> Hert.	MS	GPS 5167
Fabaceae		
<i>Acosmium subelegans</i> (Mohlenbr.) Yakov.	MS	GPS 4395
<i>Aeschynomene americana</i> L.	CE, MC	GPS 4520
<i>Aeschynomene brasiliiana</i> (Poir.) DC.	CE, MC, MS	GPS 5181, GPS 10543, GPS 10690
<i>Aeschynomene fluminensis</i> Vell.	CE	GPS 11646, GPS 10675
<i>Aeschynomene histrix</i> Poir.	CE, MC, MS	GPS 4630, GPS 11500, GPS 5919
<i>Aeschynomene paniculata</i> Willd. ex Vog.	CE	ACS 3671
<i>Aeschynomene paucifolia</i> Vog.	CE	GPS 4356, GPS 10382
<i>Aeschynomene sensitiva</i> Sw.	MS	GPS 11615
<i>Albizia</i> cf. <i>niopoides</i> (Spruce ex Benth.) Burkart	MC	GPS 12195
<i>Amburana cearensis</i> (Allemão) A.C. Sm.	MS	ACS 3516
<i>Anadenanthera colubrina</i> (Vell.) Brenan	CL, CO, MC, MG, MS, PA	GPS 5905, GPS 5217, GPS 12198, GPS 10440
<i>Anadenanthera peregrina</i> (L.) Speg.	CE	GPS 12138, ACS 3455
<i>Andira cujabensis</i> Benth.	CE	BW 4622
<i>Andira humilis</i> Mart. ex Benth.	CE, MC	GPS 12901, ACS 3771
<i>Andira paniculata</i> Benth.	CE	GPS 10959
<i>Andira vermifuga</i> Mart. ex Benth.	CE	GPS 12141, GPS 12007
<i>Apuleia leiocarpa</i> (Vog.) Macbr.	CE, MC, MG	GPS 5048, GPS 6401, GPS 6572
<i>Arachis burchellii</i> Krapov. and W.C. Gregory	CE, MS, PA	GPS 4628, GPS 4450, GPS 10577
<i>Arachis decora</i> Krapov., W.C. Gregory and Valls	CO, MG, MS	GPS 4881, GPS 10968
<i>Arachis macedoi</i> Krapov. and W.C. Gregory	CE	GPS 10960
<i>Arachis prostrata</i> Benth.	CE	GPS 4528, ACS 3940
<i>Arachis retusa</i> Krapov., W.C. Gregory and Valls	CE, CO, MC, MG, MS	GPS 4433, GPS 4516, JFV 12939
<i>Arachis sylvestris</i> (L.) Morong	MC, MG	GPS 4975, GPS 11452
<i>Bauhinia angulicaulis</i> Harms	CE	GPS 4447, GPS 4452
<i>Bauhinia cupulata</i> Benth.	CE, MG	GPS 11990
<i>Bauhinia curvula</i> Benth.	CE	GPS 11699
<i>Bauhinia gardneri</i> Benth.	CE	GPS 4720, GPS 11522
<i>Bauhinia longifolia</i> D. Dietr.	CE, MS	GPS 5276, AAS 355
<i>Bauhinia mollis</i> D. Dietr.	MC	GPS 11713
<i>Bauhinia outimouta</i> Aubl.	CE, MG, MS	BW 4584, RCO 889, GPS 11694, ACS 3598
<i>Bauhinia platypetala</i> Burch. ex Benth.	MC	GPS 4674, GPS 10396
<i>Bauhinia platyphylla</i> Benth.	CE	GPS 4611, BW 905
<i>Bauhinia pulchella</i> Benth.	CE	GPS 11817
<i>Bauhinia rufa</i> (Bong.) Steud.	MG	GPS 5191, GPS 11931
<i>Bauhinia tenella</i> Benth.	MS	GPS 4924
<i>Bauhinia unguolata</i> L.	MC, MS	TBC 845, BW 5887, GPS 11810
<i>Bowdichia virgilioides</i> Kunth	CE, MS	GPS 5384, GPS 11911, ACS 3482
<i>Calliandra dysantha</i> Benth.	CE, MS	GPS 12373, GPS 5752, GPS 12911, GPS 10379
<i>Calliandra longipes</i> Benth.	CE, MG	GPS 12344, GPS 10613
<i>Calliandra parviflora</i> Benth.	CE, MG	GPS 4518, JBP 13, GPS 12218
<i>Calliandra parvifolia</i> (Hook. and Arn.) Speg.	MC	GPS 4949
<i>Calliandra pauciflora</i> Benth.	MG	ACS 3887
<i>Calopogonium caeruleum</i> (Benth.) C. Wright	MC	GPS 5152
<i>Calopogonium mucunoides</i> Desv.	CE	GPS 10389
<i>Camptosema</i> cf. <i>comosa</i> Benth.	CE	GPS 5115
<i>Canavalia brasiliensis</i> Mart. ex Benth.	CE, MG	GPS 11758, GPS 10499, GPS 10640
<i>Cenostigma gardnerianum</i> Tul.	CE, MC	TBC 2672, JBP 1, ACS 3756, GPS 11431
<i>Cenostigma macrophyllum</i> Tul.	CE, MC	GPS 11889, GPS 10357
<i>Centrosema heptaphyllum</i> Moric.	CE, MC	ACS 3882
<i>Centrosema macrocarpum</i> Benth.	CE, MC	GPS 5134, GPS 10748
<i>Centrosema molle</i> Mart. ex Benth.	MG	GPS 5165
<i>Centrosema</i> cf. <i>pascuorum</i> Mart. ex Benth.	MS	GPS 5372
<i>Centrosema platycarpum</i> Benth.	CE, MG, MS	GPS 4424, GPS 4797, GPS 11757, JFV 12942
<i>Centrosema pubescens</i> Benth.	MC, MG	GPS 11841, GPS 11729, GPS 11668
<i>Centrosema sagittatum</i> (Humb. Bonpl. ex Willd.) Brandege	CE, MC	GPS 5130, JFV 12943

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Chamaecrista basifolia</i> (Vog.) H.S. Irwin and Barneby	CE, CL, CS, MG, VE	BW 4806, BW 869, JBP 16
<i>Chamaecrista benthamiana</i> (Harms.) H.S. Irwin and Barneby	CE	GPS 5081
<i>Chamaecrista brevicalyx</i> (Benth.) H.S. Irwin and Barneby	CE	JBP 79, GPS 11596
<i>Chamaecrista conferta</i> (Benth.) H.S. Irwin and Barneby	CE, CS	GPS 5281, GPS 11921, GPS 10367
<i>Chamaecrista dalbergiifolia</i> (Benth.) H.S. Irwin and Barneby	CE, CS	GPS 6436, GPS 5832
<i>Chamaecrista decumbens</i> (Benth.) H.S. Irwin and Barneby	CE	GPS 6554
<i>Chamaecrista desvauxii</i> (Collad.) Killip.	CE, CL, VE	GPS 5183, TBC 1134, ACS 3935
<i>Chamaecrista duckeana</i> (Bezerra and Fernandes) H.S. Irwin and Barneby	CE	JBP 2, GPS 11508
<i>Chamaecrista fagonioides</i> (Vog.) H.S. Irwin and Barneby	CE, MC, MS	GPS 4934, GPS 4849, ACS 3754, GPS 10602
<i>Chamaecrista flexuosa</i> (L.) Greene	CE, MC, MS	GPS 4616, GPS 4850, GPS 11593
<i>Chamaecrista</i> cf. <i>kunthiana</i> (Schltdl. and Cham.) H.S. Irwin and Barneby	CE	GPS 5922
<i>Chamaecrista nictitans</i> (L.) Moench	MC	GPS 11563
<i>Chamaecrista orbiculata</i> (Benth.) H.S. Irwin and Barneby	CE, CS	TBC 972, ACS 3532
<i>Chamaecrista ramosa</i> (Vog.) H.S. Irwin and Barneby	CE, VE	GPS 1410, GPS 11598, GPS 10604
<i>Chamaecrista rotundifolia</i> (Pers.) Greene	MC	GPS 4843
<i>Chamaecrista serpens</i> (L.) Greene	MC	GPS 10550
<i>Chamaecrista setosa</i> (Vog.) H.S. Irwin and Barneby	CE	MCA 387, GPS 11914, GPS 11818
<i>Clitoria fairchildiana</i> R. A. Howard	MG, MS	GPS 12130
<i>Clitoria guianensis</i> (Aubl.) Benth.	CE	GPS 12376, GPS 12289
<i>Copaifera langsdorffii</i> Desf.	CE, CO, MC, MG, MS	GPS 5122, GPS 4874, JBP 43, GPS 10506
<i>Copaifera marginata</i> Benth.	CE	GPS 4723, GPS 13442, ACS 3837
<i>Copaifera martii</i> Hayne	CE	GPS 4717, GPS 6541
<i>Copaifera oblongifolia</i> Mart.	CE, MC, MG	GPS 5175, BW 2407, GPS 10749, GPS 11591
<i>Copaifera sabulicola</i> J.A.S. Costa and L.P. Queiroz	CE	GPS 10593
<i>Cratylia argentea</i> O. Kuntze	CE, MC, MG	GPS 5052, GPS 6484, GPS 11677, GPS 10369, GPS 10634
<i>Crotalaria incana</i> L.	MG	GPS 4464
<i>Crotalaria</i> cf. <i>maypurensis</i> Kunth	CE	GPS 5180
<i>Crotalaria micans</i> Link	CO	TBC 1069
<i>Crotalaria nitens</i> Kunth	CE, MG	GPS 5324, GPS 6579
<i>Crotalaria pilosa</i> Mill.	CE, VE	GPS 5848, GPS 10364
<i>Crotalaria subdecurrens</i> Mart. ex Benth.	CE	TBC 839
<i>Cyclobium brasiliense</i> Benth.	MG	GPS 5160, GPS 12389, GPS 12265
<i>Desmodium adscendens</i> DC.	CE, MG	GPS 4513
<i>Desmodium affine</i> Schltdl.	CO	GPS 4880
<i>Desmodium barbatum</i> (L.) Benth.	CE, CL, CS	BW 4774, ACS 3706
<i>Desmodium distortum</i> (Aubl.) Macbr.	CE, MC, MG	ACS 3750
<i>Desmodium incanum</i> DC.	CE	ACS 3859
<i>Desmodium leiocarpum</i> (Spreng.) G. Don	CE	GPS 10766
<i>Desmodium platycarpum</i> Benth.	CE, MC, MG	GPS 5637, TBC 869, GPS 13494, GPS 10903
<i>Desmodium tortuosum</i> (Sw.) DC.	CE, MG	GPS 4455
<i>Dimorphandra mollis</i> Benth.	CE	GPS 5830, ACS 4114, GPS 11005
<i>Dioclea glabra</i> Benth.	MG	GPS 11045
<i>Dioclea virgata</i> (L.C. Rich.) Amshoff	CE, MG	GPS 10531, GPS 11533
<i>Dipteryx alata</i> Vog.	CE, CO, MS	GPS 4696, BW 3564, BW 5795, GPS 10485
<i>Discolobium</i> sp.	CS	GPS 4382
<i>Enterolobium contortisiliquum</i> (Vell.) Morong	CE, MC, MG	GPS 11700, GPS 10385, GPS 12163
<i>Enterolobium gummiferum</i> (Mart.) Macbr.	CE	GPS 11877, GPS 10788
<i>Eriosema benthamianum</i> Mart. ex Benth.	CE	GPS 6505
<i>Eriosema congestum</i> Benth.	CE, CL, CS	GPS 4587, ACS 3432
<i>Eriosema rufum</i> (Kunth) G. Don.	CE	GPS 12910, GPS 11516
<i>Galactia glaucescens</i> Kunth	CE	GPS 10373, GPS 11548
<i>Galactia jussiaeana</i> Kunth	CE	GPS 4774, ACS 3762
<i>Harpalyce brasiliana</i> Benth.	MG, MS	TBC 1108
<i>Hymenaea courbaril</i> L.	CE, MC, MG	BW 3570, GPS 11943, ACS 3946, GPS 10636
<i>Hymenaea martiana</i> Hayne	CE, MC, MS	GPS 4823, TBC 2683, GPS 10717

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Hymenaea stigonocarpa</i> Mart. ex Hayne	CE, CO	GPS 5225, TBC 1111, JBP 9, ACS 3558
<i>Indigofera blanchetiana</i> Benth.	CE	ACS 3767
<i>Indigofera bongardiana</i> (Kuntze) Burkart	CS	TBC 992
<i>Indigofera lespedezioides</i> Kunth	CE, MC	GPS 10465
<i>Indigofera suffruticosa</i> Mill.	MC, MG, VE	GPS 5870, GPS 4461, GPS 10429
<i>Inga cylindrica</i> Mart.	CE, MS	TBC 2682
<i>Inga fagifolia</i> G. Don	MG	GPS 10940
<i>Inga ingoides</i> (Rich.) Willd.	CO, MC, MG, MS	GPS 5245, GPS 11859, GPS 12315
<i>Inga laurina</i> (Sw.) Willd.	MG	GPS 5310, GPS 11909, GPS 12128
<i>Inga nobilis</i> Willd.	MC	GPS 4824
<i>Inga vera</i> Willd.	MC, MG	GPS 12900, ACS 3490
<i>Leptolobium dasycarpum</i> Vog.	CE, CL, MG, VE	BW 4547, TBC 1164, GPS 12165, GPS 10917, GPS 11000
<i>Lonchocarpus sericeus</i> (Poir.) DC.	CO, MC, MG	GPS 4814, GPS 5705, GPS 12881
<i>Luetzelburgia auriculata</i> (Allemão) Ducke	CE	GPS 11912, GPS 6501
<i>Luetzelburgia pallidiflora</i> (Rizzini) H.C. Lima	MS	GPS 5357
<i>Lupinus</i> sp.	CR	JFP 793
<i>Machaerium aculeatum</i> Raddi	MC	GPS 11681
<i>Machaerium acutifolium</i> Vog.	CE, MC, MS	BW 4677, GPS 5139, BW 5785, ACS 3891
<i>Machaerium brasiliense</i> Vog.	MC	GPS 11116
<i>Machaerium opacum</i> Vog.	CE, CO	GPS 5235, GPS 10946
<i>Machaerium villosum</i> Vog.	MS	JBP 53
<i>Macroptilium lathyroides</i> (L.) Urb.	MG	TBC 2632
<i>Mimosa adenocarpa</i> Benth.	CE, MC	GPS 4961, ACS 3743
<i>Mimosa</i> aff. <i>camporum</i> Benth.	CE	ACS 3672
<i>Mimosa clausenii</i> Benth.	CE, CL, CS	GPS 4624, GPS 5823
<i>Mimosa densa</i> Benth.	CE, CL	JBB 831-B
<i>Mimosa dichroa</i> Barneby	CE, MG	GPS 4565, HGS 424, GPS 10432, GPS 11532
<i>Mimosa distans</i> Benth.	CE	GPS 4593, GPS 12909
<i>Mimosa falcipina</i> Benth.	CS	ACS 3563
<i>Mimosa foliolosa</i> Benth.	CE, CS	GPS 4572, GPS 5829, GPS 11468, GPS 10689
<i>Mimosa gracilis</i> Benth.	CE, CL, MG, VE	GPS 4679, TBC 867, JBP 26, GPS 11588
<i>Mimosa hirsutissima</i> Mart.	CE, CL, VE	GPS 4527, GPS 5728, GPS 11113, GPS 10916
<i>Mimosa kalunga</i> M.F. Simon and C.E. Hughes	CS	MFS 456
<i>Mimosa longipes</i> Benth.	CS	BW 4615
<i>Mimosa melanocarpa</i> Benth.	CE	GPS 6418, GPS 13446, GPS 10538
<i>Mimosa nitens</i> Benth.	CE, CS	GPS 5878, GPS 11762, GPS 11812, GPS 10639
<i>Mimosa nuda</i> Benth.	CE, MG	HGS 426
<i>Mimosa oligosperma</i> Barneby	CE	MFS 869
<i>Mimosa pigra</i> L.	MC, PA	GPS 4948
<i>Mimosa</i> aff. <i>procurrens</i> Benth.	CE	GPS 11579
<i>Mimosa pseudoradula</i> Glaz. ex Barneby	CE	TBC 1422
<i>Mimosa pseudosetosa</i> M.F. Simon and C.E. Hughes	CL, CS	JBB 777
<i>Mimosa pteridifolia</i> Benth.	CE, CL	JBB 833, GPS 11891, GPS 10340
<i>Mimosa pycnocoma</i> Benth.	CE	MFS 868
<i>Mimosa rufipila</i> Benth.	CE	GPS 10573
<i>Mimosa sellowiana</i> Mart.	CE	GPS 10390
<i>Mimosa sensitiva</i> L.	MC	GPS 10444
<i>Mimosa setosa</i> Benth.	CE, CS	GPS 5605
<i>Mimosa skinneri</i> Benth.	CE	JBP 73, GPS 12853, GPS 5920
<i>Mimosa somnians</i> Humb. and Bonpl. ex Willd.	CE, CO, MC, MG, MS	GPS 4610, TBC 866, GPS 10743, GPS 11816
<i>Mimosa vestita</i> Benth.	CE	MFS 769, BW 756
<i>Mimosa viperina</i> M.F. Simon and C.E. Hughes	CS	MFS 461
<i>Mimosa xanthocentra</i> Mart.	CE, MG	GPS 4570, JBP 8, ACS 3731
<i>Mucuna pruriens</i> (L.) DC.	MC	GPS 12904, GPS 10632
<i>Mucuna sloanei</i> Fawc. and Rendle	MC	GPS 4675
<i>Mucuna urens</i> (L.) Medik.	CE	GPS 12151
<i>Myrocarpus</i> sp.	CO	GPS 5236

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Ormosia fastigiata</i> Tul.	MG	TBC 2608
<i>Peltogyne confertiflora</i> (Mart.) Hayne	CE, CO, MS	BW 4772, GPS 5002, GPS 11881
<i>Peltogyne paniculata</i> Benth.	CE, CO	TBC 1154
<i>Periandra coccinea</i> Benth.	CE, MG, VE	GPS 4529, BW 4514, JBP 91, GPS 12230, GPS 10668
<i>Piptadenia gonoacantha</i> (Mart.) J.F. Macbr.	MC, MS	GPS 4798, GPS 11676, GPS 10775
<i>Plathymenia reticulata</i> Benth.	CE, CO, MC	GPS 5241, GPS 11953, ACS 4110, GPS 10624
<i>Platymiscium</i> sp.	MS	GPS 5369
<i>Platypodium elegans</i> Vog.	CE, MC, MG, MS	GPS 5658, GPS 4883, JBP 107, GPS 11602
<i>Poicniana bracteosa</i> (Tul.) L.P. Queiroz	MG	GPS 4753
<i>Poiretia latifolia</i> Vog.	CE	GPS 4782
<i>Pterandra</i> sp.	CE	GPS 13464
<i>Pterodon emarginatus</i> Vog.	CE, MC	GPS 4564, JBP 108, ACS 3452, GPS 10633
<i>Pterodon pubescens</i> Benth.	CE	GPS 11696, GPS 6557
<i>Rhynchosia minima</i> (L.) DC.	CE, MG, MS	GPS 5282, TBC 2605
<i>Rhynchosia pyramidalis</i> (Lam.) Urb.	MG, PA	TBC 2641, GPS 6604
<i>Samanea tubulosa</i> (Benth.) Barneby and J.W. Grimes	CE, MC, MG	TBC 2681, GPS 12197
<i>Sclerolobium paniculatum</i> Vog.	CE, PA	GPS 4695, BW 2380, GPS 11875, GPS 6558, GPS 11008
<i>Senegalia langsdorffii</i> (Benth.) Seigler and Ebinger	MC	GPS 11680, GPS 10706
<i>Senegalia polyphylla</i> (DC.) Britton and Rose	CE, MC, MG, MS	GPS 4681, GPS 5293, GPS 12139, ACS 3862, GPS 10638
<i>Senegalia tenuifolia</i> (L.) Britton and Rose	CE, MC, MG, MS	TBC 2678, GPS 11871, GPS 11037
<i>Senna alata</i> (L.) Roxb.	CE, MG, MS	GPS 11442, GPS 10483
<i>Senna cana</i> (Nees and Mart.) H.S. Irwin and Barneby	CE	GPS 5176
<i>Senna cernua</i> (Balb.) H.S. Irwin and Barneby	MC	GPS 10738
<i>Senna corifolia</i> (Benth.) H.S. Irwin and Barneby	CE	GPS 5125
<i>Senna multijuga</i> (Rich.) H.S. Irwin and Barneby	MC, MG, MS	GPS 5211, GPS 11908, GPS 10542, GPS 10704
<i>Senna occidentalis</i> (L.) Link	MC, MG, MS	GPS 4694, GPS 5150, GPS 11480
<i>Senna silvestris</i> (Vell.) H.S. Irwin and Barneby	CE, MG, MS	GPS 4755, GPS 4549, JBP 172
<i>Senna velutina</i> (Vog.) H.S. Irwin and Barneby	CE, MC	GPS 6421, GPS 11684, GPS 10346
<i>Soemmeringia semperflorens</i> Mart.	CE	GPS 11778
<i>Stryphnodendron adstringens</i> (Mart.) Coville	CS	TBC 963
<i>Stryphnodendron rotundifolium</i> Benth.	CE	GPS 6525
<i>Stylosanthes acuminata</i> M.B. Ferreira and Sousa Costa	CE	BW 907, ACS 3669
<i>Stylosanthes aurea</i> M.B. Ferreira and Sousa Costa	CE	ACS 3699
<i>Stylosanthes campestris</i> M.B. Ferreira and Sousa Costa	MC, MG	GPS 5162, GPS 4965
<i>Stylosanthes gracilis</i> Kunth	CE	GPS 4579, ACS 4093
<i>Stylosanthes guianensis</i> (Aubl.) Sw.	CE, MC, MG	GPS 5117, LBB 1232, GPS 10466
<i>Stylosanthes scabra</i> Vog.	CE	GPS 5067, BW 4519, GPS 10343
<i>Swartzia macrostachya</i> Benth. var. <i>macrostachya</i>	CR	JFP 826
<i>Swartzia parvipetala</i> (R.S. Cowan) Mansano	MC, MG, MS	GPS 5147, GPS 12242, GPS 11595
<i>Tephrosia leptostachya</i> DC.	CE, CL, CS, MC, VE	GPS 11832, GPS 4832, GPS 11492
<i>Tephrosia rufescens</i> Benth.	CE	GPS 5629, BW 917
<i>Teramnus uncinatus</i> (L.) Sw.	MC	GPS 10449
<i>Vachellia farnesiana</i> (L.) Wight and Arn.	CE	GPS 5274
<i>Vatairea macrocarpa</i> (Benth.) Ducke	CE, MG, MS	GPS 5308, GPS 5302, GPS 11885, GPS 12059
<i>Vigna adenantha</i> (G. Mey.) Maréchal, Mascherpa and Stainier	MS	GPS 4916
<i>Vigna firmula</i> (Benth.) Maréchal, Mascherpa and Stainier	CE, MS	GPS 5025, GPS 11924
<i>Vigna longifolia</i> (Benth.) Verdc.	MC	GPS 10454
<i>Vigna luteola</i> (Jacq.) Benth.	CE, MC	GPS 4945, GPS 10377
<i>Zornia latifolia</i> Sm.	CE, MC	ACS 3944
<i>Zornia reticulata</i> Sm.	CE	GPS 11461
Gentianaceae		
<i>Calolisianthus amplissimus</i> (Mart.) Gilg	CE, CL, CS, VE	TBC 1124
<i>Calolisianthus speciosus</i> (Cham. and Schltdl.) Gilg	CE, MG	MCS 53, GPS 10522
<i>Chelonanthus imberbis</i> Calió and Pirani	CE	ACS 4109
<i>Chelonanthus purpurascens</i> (Aubl.) Struwe et al.	VE	GPS 5843
<i>Coutoubea</i> sp.	MG	GPS 12048
<i>Curtia tenuifolia</i> (Aubl.) Knobl.	CE, CL, CR, CS	GPS 6425, TBC 1455
<i>Deianira chiquitana</i> Herzog	CE, CS, MC	TBC 842, GPS 13496

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Deianira pallescens</i> Cham. and Schlttdl.	CE, CR	RCO 876
<i>Schultesia guianensis</i> (Aubl.) Malme	CL	JFP 506
<i>Schultesia heterophylla</i> Miq.	CE, VE	GPS 6430, GPS 11790, GPS 10467
Gesneriaceae		
<i>Sinningia</i> sp.	MG	GPS 15807
Heliconiaceae		
<i>Heliconia hirsuta</i> L. f.	MC	GPS 10785
Hernandiaceae		
<i>Sparattanthelium tupiniquinorum</i> Mart.	MC, MG	GPS 11800, GPS 12124, GPS 12160
Hydroleaceae		
<i>Hydrolea spinosa</i> L.	CE, MG	GPS 11780, GPS 6609
Hypoxidaceae		
<i>Curculigo scorzonerifolia</i> (Lam.) Baker	CE, CS, MG	GPS 11148, BW 3539, GPS 10970
Iridaceae		
<i>Cipura xanthomelas</i> Mart. ex Klatt	CE	BW 960, ACS 3938
<i>Sisyrinchium</i> cf. <i>restioides</i> Spreng.	CL, MG	BW 4808
<i>Sisyrinchium vaginatum</i> Spreng.	CL, MG	EBD 727
<i>Trimezia juncifolia</i> (Klatt) Benth. and Hook. f.	CE, CO, CR, CS, MC, MG	GM 16520, TBC 1114
Krameriaceae		
<i>Krameria argentea</i> Mart. ex Spreng.	CE	GPS 5094, GPS 10461, GPS 10682
<i>Krameria grandiflora</i> A. St.-Hil.	CE, CL	JFP 378, ACS 3730
<i>Krameria tomentosa</i> A. St.-Hil.	CE	GPS 11826
Lacistemataceae		
<i>Lacistema hasslerianum</i> Chodat	MG	BW 3531
Lamiaceae		
<i>Aegiphila integrifolia</i> (Jacq.) Moldenke	CE	ACS 4104
<i>Amasonia angustifolia</i> Mart. and Schauer	CE	GPS 12897, ACS 3953
<i>Amasonia arborea</i> Kunth	CO	TBC 1063
<i>Amasonia hirta</i> Benth.	CE, CL, CS	GPS 5895, MCA 376, ACS 3853
<i>Clerodendrum speciosum</i> Gürke	CE	GPS 4423
<i>Eriope crassipes</i> Benth.	CE, MG	GPS 5635, GPS 10978
<i>Hypenia aristulata</i> (Epling) Harley	CE	GPS 10592
<i>Hypenia brachystachys</i> (Pohl ex Benth.) Harley	CE	GPS 5068
<i>Hypenia marifolia</i> Harley	CL	JFP 1820
<i>Hypenia</i> cf. <i>pruinosa</i> Pohl ex Benth.	CE	GPS 11820
<i>Hypenia</i> cf. <i>simplex</i> (A. St.-Hil. ex Benth.) Harley	CE	GPS 5072
<i>Hyptidendron arbusculum</i> (Epling) Harley	CS	GPS 5199
<i>Hyptis desertorum</i> Pohl ex Benth.	CE, MC	GPS 5288, ACS 3434, GPS 10620
<i>Hyptis</i> cf. <i>heterophylla</i> Benth.	CE	GPS 11766
<i>Hyptis imbricata</i> Pohl ex Benth.	CE, VE	GPS 5099, GPS 11847, GPS 10657
<i>Hyptis imbricatiformis</i> Harley	MG	JFP 536
<i>Hyptis interrupta</i> Pohl ex Benth.	CE	GPS 11469
<i>Hyptis kramerioides</i> Harley and J.F.B. Pastore	CS	JFP 546
<i>Hyptis longifolia</i> Pohl ex Benth.	MC, MG	GPS 10559
<i>Hyptis lutescens</i> Pohl ex Benth.	CE	JFP 1814, GPS 6515
<i>Hyptis malacophylla</i> Benth.	CE	JFP 1817
<i>Hyptis microphylla</i> Pohl ex Benth.	CE	GPS 11660
<i>Hyptis molissima</i> Benth.	CE, MG, VE	BW 900
<i>Hyptis obtecta</i> Benth.	CE, CL, CS	GPS 5118, GPS 10583
<i>Hyptis pycnocephala</i> Benth.	MG	JFP 545
<i>Hyptis rubicunda</i> Pohl ex Benth.	CE, MS	GPS 5014, GPS 10372
<i>Hyptis rubiginosa</i> Benth.	CE, CS	GPS 5096, GPS 11815
<i>Hyptis rugosa</i> Benth.	CE	GPS 11995
<i>Hyptis subrotunda</i> Pohl ex Benth.	VE	GPS 12043
<i>Hyptis violacea</i> Benth.	MG	GPS 5316
<i>Hyptis</i> cf. <i>virgata</i> Benth.	CE	GPS 5053
<i>Marsypianthes burchellii</i> Epling	CR, MG	JFP 1822
<i>Marsypianthes foliolosa</i> Benth.	CE, CS, MC	JFP 1832, GPS 12314, GPS 10619

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Marsypianthes montana</i> Benth.	CE, CS	BW 4659, GPS 10980
<i>Peltodon pusillus</i> Pohl	CS	GPS 4378
<i>Salvia scabrida</i> Pohl	CE	TBC 393
<i>Vitex polygama</i> Cham.	MC, MG	GPS 5760, ACS 3537
<i>Vitex regnelliana</i> Moldenke	CE, MS	BW 3497, GPS 12071
Lauraceae		
<i>Aniba heringeri</i> Vattimo	CE, MG	GPS 4477
<i>Cassytha americana</i> Nees	CE	GPS 10580
<i>Cassytha filiformis</i> L.	CE	GPS 4596, GPS 5826, GPS 6630
<i>Nectandra</i> sp.	MG	GPS 14178
<i>Ocotea aciphylla</i> (Nees and Mart.) Mez	CE, MG	GPS 6564
<i>Ocotea diospyrifolia</i> (Meisn.) Mez	MC	GPS 10726, GPS 10707
<i>Persea</i> sp.	MC	ACS 3508
Lecythidaceae		
<i>Cariniana estrellensis</i> (Raddi) Kuntze	MC, MG	BW 3565
<i>Cariniana rubra</i> Gardn. ex Miers.	CE, MC, MG, MS	GPS 11125, GPS 12898, GPS 10780
Lentibulariaceae		
<i>Genlisea aurea</i> A. St.-Hil.	CL	BW 3817
<i>Genlisea filiformis</i> A. St.-Hil.	CL, VE	TBC 1126
<i>Utricularia breviscapa</i> Wright ex Griseb.	CE	GPS 11652
<i>Utricularia hispida</i> Lam.	CE, MG, VE	BW 873
<i>Utricularia laxa</i> A. St.-Hil. and Girard	CL	JFP 480
<i>Utricularia neottioides</i> A. St.-Hil. and Girard	AQ, CE, CL, VE	JFP 8, TBC 1452
<i>Utricularia praelonga</i> A. St.-Hil. and Girard	CL, VE	JAB 832
<i>Utricularia pusilla</i> Vahl	CL	JFP 481
<i>Utricularia simulans</i> Pilg.	CE, CL	JFP 479, TBC 1165
<i>Utricularia subulata</i> L.	CL, VE	JFP 482
<i>Utricularia</i> aff. <i>triloba</i> Benj.	CL	JFP 485
Loganiaceae		
<i>Antonia ovata</i> Pohl	CE, MG	GPS 5189, GPS 11923, GPS 11666
<i>Mitreola petiolata</i> (J.F. Gmel.) Torr. and A. Gray	CE	GPS 11577
<i>Strychnos pseudoquina</i> A. St.-Hil.	CE, CO, MS	BW 4773, GPS 4865, GPS 10513
Loranthaceae		
<i>Phthirusa ovata</i> Eichler	CE	GPS 4366
<i>Phthirusa stelis</i> (L.) Kuijt	CE	GPS 4354, GPS 6561
<i>Psittacanthus biternatus</i> (Hoffm.) Blume	CE	GPS 4498, GPS 11528
<i>Psittacanthus cordatus</i> (Hoffm.) Blume	MC	GPS 4670, GPS 11862, GPS 10773, GPS 11421
<i>Psittacanthus plagiophyllus</i> Eichler	CE, CO	GPS 4875, ACS 3441
Lycopodiaceae		
<i>Lycopodium</i> sp.	CE, VE	GPS 13497
Lygodiaceae		
<i>Lygodium venustum</i> Sw.	MC, MG	GPS 12034, GPS 10419
Lythraceae		
<i>Cuphea antisiphilitica</i> Kunth	CE, CL, MC, MG, VE	GPS 5178, AAS 591, GPS 10582, GPS 10654
<i>Cuphea carthagenensis</i> (Jacq.) Macbr.	MS	GPS 5351
<i>Cuphea ferruginea</i> Koehne	CE	GPS 11501
<i>Cuphea gardneri</i> Koehne	CE, MC, MS	GPS 4438, GPS 5151
<i>Cuphea lutescens</i> Pohl ex Koehne	AN, CE	JFP 442, MCA 394
<i>Cuphea melvilla</i> Lindl.	MC	BW 4797, GPS 4829
<i>Cuphea micrantha</i> Kunth	CE	TBC 387, GPS 12896
<i>Cuphea paralarix</i> (Lourteig) T. Cavalcanti and S. Graham	CE, CL	JFP 798
<i>Cuphea potamophila</i> T. Cavalcanti and S. Graham	CE, CL, MG	GPS 4500
<i>Cuphea pterosperma</i> Koehne	CE	BW 784, GPS 12237
<i>Cuphea retrorsicapilla</i> Koehne	CE, CL, CO, CS, MG, MS, VE	GPS 4434, GPS 5727, GPS 11110, GPS 11032
<i>Cuphea rupestris</i> T. Cavalcanti and S. Graham	CE, CL, CS	GPS 11171
<i>Cuphea sessiliflora</i> A. St.-Hil.	CE	GPS 4612, TBC 1170
<i>Cuphea sessilifolia</i> Mart.	CE, CL	TBC 391, AAS 592
<i>Cuphea spermacoce</i> A. St.-Hil.	CE, CL, CS	TBC 3641, TBC 1032

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Cuphea tenuissima</i> Koehne	CE, CS, MG, VE	GPS 4569, GPS 5828, TBC 2231, GPS 5913
<i>Diplusodon appendiculosus</i> Lourteig	CL, CS	JFP 447
<i>Diplusodon argenteus</i> Lourteig	CE, CL, CO, CS	JFP 445
<i>Diplusodon astictus</i> Lourteig	CE, CL, CS	JFP 471
<i>Diplusodon burchellii</i> Koehne	CE, CL, CS, MS	GPS 11170, GPS 11811
<i>Diplusodon ciliatiflorus</i> T. Cavalcanti	CE	BW 962
<i>Diplusodon cordifolius</i> Lourteig	CE, CL, CR, CS	JFP 468
<i>Diplusodon cryptanthus</i> T. Cavalcanti	CE, CL, CO, CS, VE	GPS 4718, TBC 2661, GPS 10594, GPS 10533
<i>Diplusodon decussatus</i> Gardn.	CE, CL, CS	JFP 448
<i>Diplusodon heringeri</i> Lourteig	CO	TBC 3547
<i>Diplusodon imbricatus</i> Pohl	CE, CL, CS	TBC 3524, GPS 10762, GPS 6552, GPS 14133
<i>Diplusodon leucocalycinus</i> Lourteig	CE, CR	JFP 470
<i>Diplusodon longipes</i> Koehne	CE, CL	GPS 4422
<i>Diplusodon marginatus</i> Pohl	CE, CS	TBC 1150
<i>Diplusodon micromerus</i> T. Cavalcanti	CE	JFP 466
<i>Diplusodon oblongus</i> Pohl	CE, CS	JFP 469
<i>Diplusodon paraisoensis</i> Lourteig	CE, CL, CS	JFP 474, ACS 4031
<i>Diplusodon petiolatus</i> (Koehne) T. Cavalcanti	CE, CS	GPS 10435, GPS 10599
<i>Diplusodon punctatus</i> Pohl	CE, CL, CS, MG	TBC 3510, TBC 2700, TBC 2227, GPS 11813, GPS 14144
<i>Diplusodon ramosissimus</i> Pohl	CE, CL	GPS 5305, TBC 2646, GPS 11887, GPS 11854
<i>Diplusodon retroimbricatus</i> Koehne	CE, CR, CS	JFP 467
<i>Diplusodon sigillatus</i> Lourteig	CE	JFP 472
<i>Diplusodon sordidus</i> Koehne	CR	JFP 787
<i>Diplusodon strigosus</i> Pohl	CE, CL, CR, CS, VE	TBC 3517, TBC 1086
<i>Diplusodon virgatus</i> Pohl	CE	TBC 1441
<i>Lafoensia pacari</i> A. St.-Hil.	CE, CO, MG, MS	GPS 11825, SPS 581, GPS 13458, GPS 10492
<i>Physocalymma scaberrimum</i> Pohl	CE, MC, MG, MS, PA	GPS 5273, GPS 11903, GPS 12150
Malpighiaceae		
<i>Aenigmatanthera lasiandra</i> (A. Juss.) W.R. Anderson	CE	GPS 5184, TBC 878, GPS 11917
<i>Banisteriopsis anisandra</i> (Bonpl.) D. Don	CE	GPS 6594
<i>Banisteriopsis argyrophylla</i> (Bonpl.) D. Don	CE	GPS 11695, GPS 10366
<i>Banisteriopsis gardneriana</i> (A. Juss.) W.R. Anderson and B. Gates	CE	GPS 11880, ACS 3426
<i>Banisteriopsis laevifolia</i> (Bonpl.) D. Don	CE, MG	GPS 4746, JBP 17, ACS 3845
<i>Banisteriopsis latifolia</i> (Bonpl.) D. Don	CE	GPS 10508
<i>Banisteriopsis lutea</i> (Griseb.) Cuatrec.	CE	RCO 883
<i>Banisteriopsis megaphylla</i> (Bonpl.) D. Don	CE	GPS 4562, GPS 11688
<i>Banisteriopsis muricata</i> (Cav.) Cuatrec.	MC, MS	GPS 4820, GPS 11445
<i>Banisteriopsis oxyclada</i> (Bonpl.) D. Don	CE, CO, MS, VE	GPS 4795, TBC 1071, ACS 3884
<i>Banisteriopsis pubipetala</i> (Benth.) Radlk.	CE, CL	TBC 2694, ACS 3463
<i>Banisteriopsis schizoptera</i> (Bonpl.) D. Don	MC	GPS 10561
<i>Banisteriopsis stellaris</i> (Griseb.) B. Gates	CE, CS	JFP 491, SPS 570
<i>Banisteriopsis variabilis</i> B. Gates	CE, MS	GPS 4802, GPS 10693
<i>Banisteriopsis vernoniifolia</i> (Bonpl.) D. Don	CE, CS	GPS 4650
<i>Byrsonima basiloba</i> A. Juss.	CE, CL, CS, MC	GPS 4404, BW 755, JBP 166
<i>Byrsonima coccolobifolia</i> Kunth	CE, CS, MG, MS	BW 4621, BW 749, BW 5831
<i>Byrsonima crassa</i> Nied.	CE, MG, MS	BW 727
<i>Byrsonima crassifolia</i> (L.) Kunth	CE	JBP 122
<i>Byrsonima dealbata</i> Griseb.	CE	BW 2585, GPS 11768, GPS 11663
<i>Byrsonima laxiflora</i> Griseb.	CE	JBP 115
<i>Byrsonima pachyphylla</i> A. Juss.	CE	GPS 10383
<i>Byrsonima sericea</i> DC.	MG, MS	BW 5896, GPS 12321
<i>Byrsonima subterranea</i> Brade and Markgr.	CE	GPS 12301
<i>Byrsonima verbascifolia</i> (L.) DC.	CE, CS, MS	LAS 638, TBC 875, GPS 10921, GPS 10646
<i>Byrsonima viminifolia</i> A. Juss.	CE, CL, CS	GPS 5285, JBP 30, GPS 10683
<i>Callaeum psilophyllum</i> (A. Juss.) Johnson	MG	GPS 6613
<i>Camarea affinis</i> A. St.-Hil.	CE	GPS 4485
<i>Camarea ericoides</i> A. St.-Hil.	CE, CS	BW 4563, TBC 871, GPS 10912
<i>Camarea sericea</i> A. St.-Hil.	CS	TBC 970

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Dicella macroptera</i> (Mart.) A. Juss.	MC, MG	GPS 11777, GPS 6568
<i>Diplopterys pubipetala</i> (A. Juss.) W.R. Anderson and C. C. Davis	CE	GPS 12298
<i>Galphimia</i> sp.	CE	GPS 10901
<i>Heteropterys acutifolia</i> A. Juss.	MC	ACS 3502
<i>Heteropterys byrsonimifolia</i> A. Juss.	CE	ACS 3419
<i>Heteropterys campestris</i> A. Juss.	CE, CL, CO, VE	TBC 1084, GPS 11556
<i>Heteropterys dumetorum</i> (Griseb.) Nied.	CE, CO	TBC 2652, GPS 11039
<i>Heteropterys pannosa</i> Griseb.	CL	TBC 1027
<i>Heteropterys perplexa</i> W.R. Anderson	MC	GPS 10703
<i>Heteropterys pteropetala</i> A. Juss.	CE, MS	JFP 799
<i>Heteropterys tomentosa</i> A. Juss.	CE, CL, CS	GPS 4379, TBC 1035, GPS 11882
<i>Hiraea cuiabensis</i> Griseb.	CE, CO, MG	GPS 4430
<i>Janusia</i> sp.	CE	GPS 11683
<i>Mascagnia anisopetala</i> (Benth.) Sprague and Sandwith	MG	GPS 11982
<i>Mascagnia cordifolia</i> (Benth.) Sprague and Sandwith	CE	TBC 2625
<i>Niedenzuella acutifolia</i> (Cav.) W.R. Anderson	CE	GPS 5690
<i>Peixotoa goiana</i> C.E. Anderson	CE	TBC 1424, GPS 10349
<i>Peixotoa magnifica</i> C.E. Anderson	CE, MC	JBP 121, GPS 6545, GPS 10699
<i>Peixotoa paludosa</i> Turcz.	MS	GPS 5715
<i>Peixotoa reticulata</i> Griseb.	CL	JFP 503
<i>Pterandra hatschbachii</i> W.R. Anderson	CE, MS	GPS 4340
<i>Pterandra pyroidea</i> A. Juss.	CE, CS	TBC 977, ACS 3554
<i>Stigmaphyllon</i> sp.	MC	GPS 11843
<i>Tetrapteryx ambigua</i> (A. Juss.) Nied.	CE, CS	BW 4656, TBC 877
<i>Tetrapteryx jussieuana</i> Nied.	CE	TBC 876
<i>Tetrapteryx ramiflora</i> A. Juss.	CE	GPS 10610
Malvaceae		
<i>Apeiba tibourbou</i> Aubl.	CE, CO, MC, MG, MS	GPS 5414, BW 3501, GPS 11678, GPS 11013, GPS 12154
<i>Ayenia angustifolia</i> A. St.-Hil. and Naudin	CE, MG	JFP 496, GPS 11547
<i>Byttneria dentata</i> Pohl	MS	GPS 11608
<i>Byttneria genistella</i> Triana and Planch.	CE	GPS 11623
<i>Byttneria melastomifolia</i> A. St.-Hil.	CE, CL	GPS 4701, JBP 96, GPS 11538
<i>Cienfuegosia affinis</i> (Kunth) Hochr.	CE, MC, MS	GPS 11987, ACS 3471
<i>Corchorus hirtus</i> L.	CE	GPS 4698
<i>Eriotheca gracilipes</i> (K. Schum.) A. Robyns	CE, CS, MS	TBC 2689, GPS 11957
<i>Eriotheca pubescens</i> (Mart. and Zucc.) Schott and Endl.	CE, CS	GPS 5392, BW 2580, ACS 3531, GPS 10995
<i>Guazuma ulmifolia</i> Lam.	CE, MC, MG	GPS 5279, TBC 2677, GPS 10350, GPS 10696
<i>Helicteres aspera</i> A. St.-Hil. and Naudin	CE, CS, VE	GPS 4556, ACS 4020, GPS 11536
<i>Helicteres brevispira</i> A. St.-Hil.	CE, CO, CS, MC, MG, MS	GPS 5423, BW 688, GPS 12172, ACS 3854
<i>Helicteres corylifolia</i> Nees and Mart.	CE, MC, MG	GPS 5422, TBC 2635, GPS 11775, GPS 6576, GPS 10615
<i>Helicteres lhotzkyana</i> (Schott and Endl.) K. Schum.	MC, MG	GPS 5676, GPS 11706
<i>Helicteres sacarolha</i> A. St.-Hil., A. Juss. and Cambess.	CE, CO, CS, MC, VE	GPS 4737, MCA 371, JBP 103, GPS 10342
<i>Luehea divaricata</i> Mart.	CE, MC, MG	AAS 358, ACS 3702
<i>Luehea grandiflora</i> Mart.	MC	GPS 11809
<i>Luehea paniculata</i> Mart. and Zucc.	CO, MG, MS	GPS 5272, GPS 6615
<i>Melochia graminifolia</i> A. St.-Hil.	MS	GPS 11609
<i>Melochia simplex</i> A. St.-Hil.	CE	GPS 11798
<i>Melochia spicata</i> (L.) Fryxell	CE	GPS 11653
<i>Melochia villosa</i> (Mill.) Fawc. and Rendle	CE, CS, MS	GPS 10468
<i>Pavonia biflora</i> Fryxell	CE	ACS 3864
<i>Pavonia cancellata</i> (L.) Cav.	MC, MS	GPS 4912, GPS 4839, GPS 11730
<i>Pavonia hexaphylla</i> (S. Moore) Krapov.	MC, MS	GPS 4960, ACS 4071
<i>Pavonia immitis</i> Fryxell	CE	GPS 10554
<i>Pavonia pohlii</i> Gürke	CE	GPS 11558
<i>Pavonia polymorpha</i> (A. St.-Hil.) Krapov. and Cristóbal	MC	GPS 4636
<i>Peltaea macedoi</i> Krapov. and Cristóbal	CE	GPS 4719, BW 901, ACS 3640
<i>Peltaea trinervis</i> (C. Presl) Krapov. and Cristóbal	MG	GPS 5193

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Pseudabutilon spicatum</i> (Kunth) R. E. Fr.	MS	GPS 4935
<i>Pseudobombax longiflorum</i> (Mart. and Zucc.) A. Robyns	CE, CS, MS	TBC 998, GPS 11949, GPS 6570
<i>Pseudobombax marginatum</i> (A. St.-Hil., Juss. and Cambess.) A. Robyns	CE, MG, MS	BW 3255, JBP 67, ACS 3484
<i>Pseudobombax minimum</i> Carv.-Sobr. and L.P. Queiroz	CE	ACS 3457
<i>Pseudobombax tomentosum</i> (Mart. and Zucc.) A. Robyns	MS	BW 5913
<i>Sida acuta</i> Burm. f.	MC	GPS 10630
<i>Sida cordifolia</i> L.	CO, MS	BW 4528, TBC 1059
<i>Sida glomerata</i> Cav.	MG	ACS 3810
<i>Sida cf. jussiaeana</i> DC.	MC	GPS 10795
<i>Sida linifolia</i> Cav.	CE, MC, MS	GPS 4837, ACS 3874
<i>Sida planicaulis</i> Cav.	CE	JBP 116
<i>Sida viarum</i> A. St.-Hil.	CE	ACS 3708
<i>Sterculia striata</i> A. St.-Hil. and Naudin	CE, CO, MC, MS	GPS 5246, GPS 12152, GPS 14170, GPS 10990
<i>Triumfetta semitriloba</i> Jacq.	MC	GPS 10404
<i>Urena lobata</i> L.	CE, MC, MG	GPS 5049, GPS 11679, GPS 10641
<i>Waltheria brachypetala</i> Turcz.	CE	GPS 11851, GPS 11557
<i>Waltheria communis</i> A. St.-Hil.	MG	GPS 12346
<i>Waltheria flavovirens</i> Saunders	CE	GPS 6435, ACS 4094, GPS 5928
<i>Waltheria indica</i> L.	CE, MG	ACS 3848
<i>Waltheria operculata</i> Rose	MG	GPS 12220
<i>Waltheria viscosissima</i> A. St.-Hil.	CE, CO, MC	GPS 4846, GPS 12232
<i>Wissadula amplissima</i> (L.) R.E. Fr.	MC	GPS 5142
Marantaceae		
<i>Calathea cf. capitata</i> (Ruiz and Pav.) Lindl.	MC, MG	BW 4574, JBP 162, GPS 12355, GPS 11429
<i>Calathea grandiflora</i> K. Schum.	CE, MG	BW 4576, JBP 113, GPS 12365
<i>Calathea cf. propinqua</i> (Poepp. and Endl.) Körn.	MG	GPS 12360
<i>Koernickanthe orbiculata</i> (Körn.) L. Andersson	CE, MG	GPS 4467, JBP 68
<i>Maranta divaricata</i> Roscoe	CE, MG	GPS 11517
<i>Maranta aff. incrassata</i> L. Andersson	MG	GPS 12364
<i>Monotagma</i> sp.	MG, MS	BW 4648, GPS 5589, BW 5875, GPS 12868
<i>Myrosma canifolia</i> L. f.	CE, VE	GPS 5858, GPS 12907, ACS 4100
<i>Thalia geniculata</i> L.	MS	GPS 11616
Marcgraviaceae		
<i>Norantea guianensis</i> Aubl. var. <i>goyasensis</i> (Cambess.) G.L.Ferreira	CE, MG	GPS 5306, TBC 838, GPS 11046
<i>Schwartzia adamantium</i> (Cambess.) Bedell ex Gir.-Cañas	CE	GPS 5307
<i>Schwartzia brasiliensis</i> (Choisy) Bedell ex Gir.-Cañas	CE	BW 4676
Mayaceae		
<i>Mayaca</i> sp.	CE	GPS 11643
Melastomataceae		
<i>Acisanthera limnobios</i> (DC.) Triana	CE	GPS 11792
<i>Acisanthera uniflora</i> (Vahl) Gleason	CE	GPS 12031
<i>Cambessedesia glaziovii</i> Cogn. ex A.B. Martins	CR	JFP 499
<i>Cambessedesia ilicifolia</i> Triana	CL	GPS 5953
<i>Cambessedesia regnelliana</i> Cogn.	CL	JFP 807
<i>Clidemia octona</i> (Bonpl.) L.O. Williams	MG, MS	TBC 1106
<i>Desmoscelis villosa</i> (Aubl.) Naudin	VE	GPS 12044
<i>Lavoisiera</i> sp.	CR	JFP 809
<i>Macairea radula</i> (Bonpl.) DC.	CE, CL, MG	GPS 5326, BW 3416
<i>Miconia albicans</i> (Sw.) Steud.	CS	ACS 3572
<i>Miconia burchellii</i> Triana	CE	BW 2583
<i>Miconia chamissois</i> Naudin	MG, VE	BW 2404, GPS 12046
<i>Miconia ciliata</i> (Rich.) DC.	CE, MG, VE	GPS 4652, BW 4054
<i>Miconia ferruginata</i> DC.	CE	BW 4645, BW 2584
<i>Miconia heliotropoides</i> Triana	AN, CE, MG, MS	BW 4637, BW 741, JBP 42, GPS 10928
<i>Miconia ibaguensis</i> (Bonpl.) Triana	MG	BW 4583
<i>Miconia cf. ligustroides</i> (DC.) Naudin	CE	BW 4627
<i>Miconia macrothyrsa</i> Benth.	CE, CO, MG, MS	BW 4534, TBC 1068, GPS 11031
<i>Miconia stenostachya</i> DC.	CE, CS	GPS 5609

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Microlicia consimilis</i> Wurdack	CE	GPS 6424
<i>Microlicia euphorbioides</i> Mart.	CE	GPS 11133
<i>Microlicia insignis</i> Schltdl.	CS	TBC 1017
<i>Microlicia isophylla</i> DC.	CL	JFP 509
<i>Microlicia polystemma</i> Naudin	CL	JFP 510
<i>Mouriri elliptica</i> Mart.	CE	ACS 3740
<i>Mouriri pusa</i> Gardn.	MS	ACS 4072
<i>Pterolepis</i> cf. <i>buraeavii</i> Cogn.	MC	GPS 11455
<i>Pterolepis filiformis</i> Triana	CE	GPS 4709
<i>Rhynchanthera</i> aff. <i>hispida</i> Naudin	CE	GPS 11655
<i>Rhynchanthera cordata</i> DC.	CE, VE	GPS 11853, GPS 10658
<i>Stenodon suberosus</i> Naudin	CE, CL, CS	GPS 6420
<i>Tibouchina melastomoides</i> Cogn.	CE, CL	GPS 11829, BW 2589, GPS 11662
<i>Tibouchina pogonanthera</i> (Naudin) Cogn.	CE, MG	GPS 4697, GPS 12899, GPS 11519
<i>Tibouchina verticillaris</i> Cogn.	CE, CO, CS	GPS 4496, TBC 1047, ACS 3721
<i>Tococa guianensis</i> Aubl.	MG	RCO 865
Meliaceae		
<i>Cabrlea canjerana</i> (Vell.) Mart.	CE	RCM 5517
<i>Cedrela fissilis</i> Vell.	MG, MS	BW 4578, GPS 5580
<i>Cedrela</i> cf. <i>odorata</i> L.	MS	GPS 5294
<i>Guarea guidonea</i> (L.) Sleumer	CE, MC, MG	BW 3574, GPS 10719, GPS 12050
<i>Trichilia elegans</i> A. Juss.	MS	BW 5870
Menispermaceae		
<i>Cissampelos fluminensis</i> Eichler	CE	GPS 4369
<i>Cissampelos ovalifolia</i> DC.	CE	BW 4538
Menyanthaceae		
<i>Nymphoides indica</i> (L.) Kuntze	CE	GPS 11796
Moraceae		
<i>Brosimum gaudichaudii</i> Trécul	CE, CS	BW 4620, GPS 11922, GPS 10488
<i>Brosimum guianense</i> (Aubl.) Huber	MC, MG	ACS 3506
<i>Cecropia pachystachya</i> Trécul	CE, MG, MS	TBC 2658, ACS 3436, GPS 10642
<i>Dorstenia asaroides</i> Hook.	MS	GPS 12247
<i>Dorstenia morifolia</i> Fisch. and C.A. Mey.	MG	GPS 12390, GPS 12325
<i>Dorstenia</i> cf. <i>vitifolia</i> Gardn.	MC	GPS 12888
<i>Ficus adhatodifolia</i> Schott ex Spreng.	MC, MG	GPS 11945, GPS 12367
<i>Ficus eximia</i> Schott	MC	GPS 10728
<i>Ficus gomelleira</i> Kunth	CE, MC, MG, MS	GPS 11703, GPS 11027
<i>Ficus obtusifolia</i> Kunth	CE, MC	ACS 3870, GPS 12153
<i>Ficus obtusiuscula</i> (Miq.) Miq.	MG	GPS 4752, GPS 10590
<i>Ficus pertusa</i> L. f.	CE, MC, MG	TBC 2679, GPS 10715
<i>Maclura tinctoria</i> (L.) D. Don ex Steud.	MS	BW 5916
<i>Sorocea guilleminiana</i> Gaudich.	CE, MG	GPS 5700, GPS 10926
Myristicaceae		
<i>Virola sebifera</i> Aubl.	MG	BW 4765
<i>Virola urbaniana</i> Warb.	MG	BW 3522
Myrsinaceae		
<i>Cybianthus</i> sp.	CE, CO, CS, MG, MS	TBC 1065, GPS 11033
<i>Myrsine guianensis</i> (Aubl.) Kuntze	MG	BW 3533
Myrtaceae		
<i>Calypttranthes ovalifolia</i> Cambess.	CR	GM 16489
<i>Campomanesia cavalcantina</i> Soares-Silva and Proença	CE	TBC 3529
<i>Campomanesia eugenioides</i> (Cambess.) D. Legrand	CE, CL	GPS 4361, TBC 1025
<i>Campomanesia velutina</i> (Cambess.) O. Berg	MS	GPS 5716
<i>Eugenia angustissima</i> O. Berg	MG	GPS 12318
<i>Eugenia</i> cf. <i>bimarginata</i> DC.	CE, MG	BW 3525, ACS 4065
<i>Eugenia dysenterica</i> DC.	CE, MC, MG, MS	GPS 5687, TBC 2673, BW 5786, GPS 10893
<i>Eugenia flavescens</i> DC.	CE, MC	GPS 4848, ACS 3871
<i>Eugenia florida</i> DC.	CE, MG, MS	GPS 5599, GPS 12187, GPS 12206
<i>Eugenia gemmiflora</i> O. Berg	CE, CS	TBC 968, ACS 3573, GPS 11004

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Eugenia megaflorea</i> Govaerts	MG	GPS 5660, GPS 12363
<i>Eugenia puniceifolia</i> (Kunth) DC.	CE, CL, VE	JFP 796, TBC 1031
<i>Eugenia sparsa</i> S. Moore	MC, MG	BW 3569, GPS 12067
<i>Eugenia stictopetala</i> DC.	CE, CO, MC	BW 4757, TBC 1054, GPS 11450
<i>Gomidesia lindeniana</i> O. Berg	CS, MG	TBC 995
<i>Myrcia</i> cf. <i>albo-tomentosa</i> DC.	CS	GPS 5207
<i>Myrcia</i> cf. <i>amazonica</i> DC.	CE	GPS 4996
<i>Myrcia canescens</i> O. Berg	CS	TBC 958
<i>Myrcia cardiaca</i> O. Berg	CE	ACS 3465
<i>Myrcia cordifolia</i> O. Berg	CE, CL	RCO 893
<i>Myrcia guianensis</i> DC.	CE, MG, MS	AAS 589, GPS 12264
<i>Myrcia lasiantha</i> DC.	CL	TBC 1037
<i>Myrcia multiflora</i> (Lam.) DC.	CE, CS, MG, MS	GPS 4514, BW 747, BW 5789, GPS 10919
<i>Myrcia pallens</i> DC.	CE	BW 778, BW 5836, GPS 6573
<i>Myrcia rhodosepala</i> Kiaersk.	CE, CS, MS	BW 4606, GPS 4337
<i>Myrcia rostrata</i> DC.	CE, MS	GPS 4451, BW 5787, ACS 3580
<i>Myrcia rubella</i> Cambess.	CE, CS	GPS 4699, GPS 4454
<i>Myrcia sellowiana</i> O. Berg	CE, CO, MG, MS	GPS 5686, GPS 4328
<i>Myrcia splendens</i> (Sw.) DC.	CE, MG	GPS 5413, GPS 5733
<i>Myrcia tomentosa</i> (Aubl.) DC.	CE, CL, MG	TBC 2676, BW 5791, GPS 10933
<i>Myrciaria dubia</i> (Kunth) McVaugh	MS	GPS 11439
<i>Myrciaria</i> cf. <i>floribunda</i> O. Berg	MG	ACS 3813
<i>Psidium firmum</i> O. Berg	CE	GPS 5408
<i>Psidium grandifolium</i> DC.	CE, CO	TBC 1155
<i>Psidium guineense</i> Sw.	CE	GPS 11947
<i>Psidium myrsinites</i> DC.	CE	GPS 4559, GPS 12331, GPS 5939
<i>Psidium myrsinoides</i> O. Berg	CE	GPS 5607, ACS 3759
<i>Psidium riparium</i> Mart. ex DC.	MC, MS	GPS 11438, ACS 3493
<i>Psidium striatulum</i> DC.	MC	GPS 11863
<i>Siphoneugena densiflora</i> O. Berg	CE, MG	GPS 4512
Nyctaginaceae		
<i>Guapira graciliflora</i> (Schmidt) Lundell	CE, MG	BW 5825, GPS 10964
<i>Guapira noxia</i> (Netto) Lundell	CE	BW 2572
<i>Neea theifera</i> Oerst.	CE, CS, MG	BW 4548, TBC 2663, BW 5797, GPS 10899
Ochnaceae		
<i>Ouratea castaneifolia</i> (DC.) Engl.	CE	FB 1419, ACS 3449-A
<i>Ouratea confertiflora</i> Engl.	CS	ACS 3578
<i>Ouratea crassifolia</i> Engl.	CE	RCO 894
<i>Ouratea ferruginea</i> Engl.	CE	ACS 3449
<i>Ouratea glaucescens</i> (A. St.-Hil.) Engl.	CE	BW 5839, GPS 10953
<i>Ouratea hexasperma</i> (A. St.-Hil.) Baill.	CE, CS, MG, MS	TBC 3520, BW 2581, GPS 11913, GPS 10897
<i>Ouratea nervosa</i> (A. St.-Hil.) Engl.	CE, CO, MS	GPS 4375, BW 687
<i>Ouratea ovalis</i> (Pohl) Engl.	CE, MG	TBC 3521, GPS 6523
<i>Sauvagesia erecta</i> L.	MC, MG	GPS 10560
<i>Sauvagesia lanceolata</i> Sastre	CS	JFP 555
<i>Sauvagesia pulchella</i> Planch. ex Seem.	CE	TBC 1168
<i>Sauvagesia racemosa</i> A. St.-Hil.	CE, MG, VE	TBC 1090
<i>Sauvagesia tenella</i> Lam.	CL	JFP 411
Olacaceae		
<i>Ximenia americana</i> L.	CE	GPS 10989
Oleaceae		
<i>Priogymnanthus hasslerianus</i> (Chodat) P.S. Green	CE, MS	GPS 5383, BW 5892, ACS 3820
Onagraceae		
<i>Ludwigia</i> aff. <i>decurrens</i> Walt.	MS	GPS 11614
<i>Ludwigia</i> cf. <i>leptocarpa</i> (Nutt.) H. Hara	MC	ACS 3497
<i>Ludwigia longifolia</i> (DC.) H. Hara	CE	GPS 5179
<i>Ludwigia nervosa</i> (Poir.) H. Hara	CE	GPS 11795
<i>Ludwigia octovalvis</i> (Jacq.) P.H. Raven	CE	GPS 11845
<i>Ludwigia sedoides</i> (Bonpl.) H. Hara	CE	GPS 11782

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
Opiliaceae		
<i>Agonandra brasiliensis</i> Miers	CS, MG, MS, PA	GPS 4405, TBC 2616, BW 5915, GPS 12019
Orchidaceae		
<i>Bletia catenulata</i> Ruiz and Pav.	CE, CL, CS, MC	BW 4674, BW 4065, ACS 3610
<i>Campylocentrum</i> sp.	MG	BW 1093
<i>Catasetum fuchsii</i> Dodson and R. Vásquez	MG	GPS 10677
<i>Catasetum spitzii</i> Hoehne	MS	GPS 6473
<i>Cattleya nobilior</i> Rchb.f.	CE	ACS 3609
<i>Cattleya walkeriana</i> Gardn.	CE, MC, MS	BW 4060
<i>Cleistes bella</i> Rchb.f. and Warm.	MS	BW 4800
<i>Cleistes metallina</i> (Barb. Rodr.) Schltr.	VE	GPS 5844
<i>Cyrtopodium blanchetii</i> Rchb.f.	CE	HGS 439
<i>Cyrtopodium eugenii</i> Rchb.f.	CE, CS	MCA 396, GPS 11925
<i>Cyrtopodium paludicolum</i> Hoehne	CL	BW 4793
<i>Cyrtopodium saint-legerianum</i> Rchb.f.	CO, MG, MS	GPS 6404, GPS 4668
<i>Eltroplectris cogniauxiana</i> (Schltr.) Pabst	CE	GPS 6521
<i>Encyclia conchaechila</i> (Barb. Rodr.) Porto and Brade	CE, MC, MG, MS	BW 4589, BW 3576, GPS 14163, ACS 3608
<i>Epidendrum dendrobioides</i> Thunb.	CE, CS	TBC 3631
<i>Epidendrum nocturnum</i> Jacq.	MC, MG	BW 3568
<i>Epistephium sclerophyllum</i> Lindl.	CE, CL	GPS 4781, TBC 1088
<i>Galeandra blanchetii</i> E.S. Rand	CE, CR	BW 4768
<i>Galeandra montana</i> Barb. Rodr.	CL, CS	GPS 5957, MCA 397
<i>Galeandra paraguayensis</i> Cogn.	CL	JAB 1140
<i>Galeandra stylloisantha</i> (Vell.) Hoehne	CL, MG, VE	GPS 5899, TBC 1128
<i>Habenaria anisitsii</i> Kraenzl.	CL, VE	BW 4770
<i>Habenaria caldensis</i> Kraenzl.	CL, VE	JAB 714
<i>Habenaria candolleana</i> Cogn.	CL	JAB 710
<i>Habenaria fluminensis</i> Hoehne	CE	GPS 14195
<i>Habenaria heringeri</i> Pabst	CL	JAB 1035
<i>Habenaria imbricata</i> Lindl.	CL	JFP 1279
<i>Habenaria irwiniana</i> J.A.N. Batista and Bianchetti	CL, VE	JAB 712
<i>Habenaria juruenensis</i> Hoehne	CL	GPS 5948
<i>Habenaria lavrensis</i> Hoehne	CL, CR	JFP 1280
<i>Habenaria leprieurii</i> Rchb.f.	CL, VE	GPS 5889
<i>Habenaria longipedicellata</i> Hoehne	VE	GPS 4729, AAS 593
<i>Habenaria magniscutata</i> Catling	CL	JFP 829
<i>Habenaria montis-wilhelminae</i> Renz	CL	GPS 5946
<i>Habenaria nuda</i> Lindl.	CR	JFP 834
<i>Habenaria obtusa</i> Lindl.	CE, CL, CS, MG, VE	GPS 4742
<i>Habenaria orchioalcar</i> Hoehne	CE, CL	JFP 835, MCA 431
<i>Habenaria pabstii</i> J.A.N. Batista and Bianchetti	CL	JFP 836
<i>Habenaria pratensis</i> (Lindl.) Rchb. f.	CE, CL, VE	GPS 5886, ACS 3948
<i>Habenaria psammophila</i> J.A.N. Batista and Bianchetti	CL	JAB 717
<i>Habenaria schwackei</i> Barb. Rodr.	CL, VE	JAB 840
<i>Habenaria secundiflora</i> Barb. Rodr.	CL	JFP 830
<i>Habenaria spanophytica</i> J.A.N. Batista and Bianchetti	CL	JFP 579
<i>Habenaria trifida</i> Kunth	CE	JAB 1141, MCA 430
<i>Liparis bifolia</i> Cogn.	CL	JFP 833
<i>Liparis vexillifera</i> (La Llave and Lex.) Cogn.	CL, VE	TBC 1125
<i>Lockhartia goyasensis</i> Rchb. f.	MG	BW 1092
<i>Oeceoclades maculata</i> (Lindl.) Lindl.	CE, CO, CS, MG, MS	MCA 429, GPS 11929, ACS 4001
<i>Oncidium cebolleta</i> Sw.	CE, CO, MG, MS	GPS 4892, GPS 11739, ACS 3607
<i>Phragmipedium vittatum</i> (Vell.) Rolfe	CR, VE	GM 4727, AAS 588
<i>Polystachya concreta</i> (Jacq.) Garay and Sweet	MG	BW 4052
<i>Sarcoglottis homologastra</i> (Rchb. f. and Warm.) Schltr.	CE	ACS 4013
<i>Sarcoglottis simplex</i> (Griseb.) Schltr.	CL, VE	BW 709
<i>Scaphyglottis cuneata</i> Schltr.	MG	BW 3543
<i>Scaphyglottis prolifera</i> (Sw.) Cogn.	MG, MS	BW 3410
<i>Skeprostachys</i> sp.	CE	MCA 437

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Vanilla palmarum</i> (Salzm. ex Lindl.) Lindl.	MC, MG	GPS 11682, GPS 10786, GPS 14143
<i>Veyretia undulata</i> Szlach.	CE, CS, MG, VE	TBC 1016
Orobanchaceae		
<i>Buchnera juncea</i> Cham. and Schldtl.	CL	TBC 1018
<i>Buchnera palustris</i> (Aubl.) Spreng.	CE, CL	GPS 6450
<i>Buchnera rosea</i> Kunth	CE, CL, VE	TBC 1171, GPS 6540
Oxalidaceae		
<i>Oxalis densifolia</i> Mart. and Zucc.	CS	ACS 3543
<i>Oxalis goyazensis</i> Turcz.	CE	GPS 6555
<i>Oxalis grisea</i> A. St.-Hil. and Naudin	CE, CO, MC, MS	BW 4513, JBP 156
<i>Oxalis hedysarifolia</i> Raddi	MC, MG	GPS 5668, GPS 10631
<i>Oxalis hirsutissima</i> Mart. ex Zucc.	CE, CO	GPS 5616, BW 762, GPS 10767, GPS 10976, GPS 10601
<i>Oxalis</i> cf. <i>lotoides</i> Kunth	CE	ACS 3784
<i>Oxalis pilulifera</i> Progel	CE, CL, MG, VE	GPS 11141, BW 857
<i>Oxalis sepium</i> A. St.-Hil.	MS	GPS 5720
Passifloraceae		
<i>Passiflora cerradensis</i> Sacco	MG	BW 3536
<i>Passiflora foetida</i> L.	CE	ACS 3939
<i>Passiflora nitida</i> Kunth	MC	BW 4591
<i>Passiflora pohlii</i> Mast.	CE	GPS 5289, GPS 4426
Phyllanthaceae		
<i>Margaritaria</i> sp.	MS	BW 5893
<i>Phyllanthus lindbergii</i> Müll. Arg.	CE, MC	GPS 11794
<i>Phyllanthus orbiculatus</i> L.C. Rich.	CE, MS	GPS 5065, GPS 4350, ACS 3725, GPS 5914
<i>Phyllanthus urinaria</i> L.	CE	GPS 10470
<i>Richeria grandis</i> Vahl	MG	BW 3530
Picramniaceae		
<i>Picramnia latifolia</i> Tul.	MG	BW 3524
Piperaceae		
<i>Peperomia gardneriana</i> Miq.	MG	JFP 438
<i>Peperomia pellucida</i> (L.) Kunth	MS	ACS 4118
<i>Piper aduncum</i> L.	CE, CO, MC, MG, VE	GPS 4511, GPS 5708, GPS 12393, GPS 10409, GPS 10700
<i>Piper arboreum</i> Aubl.	CE, CO, MC, MG, MS	GPS 4476, GPS 5709, GPS 11714, GPS 6622
<i>Piper dilatatum</i> L.C. Rich.	CE, MC, MG	GPS 4435, GPS 4827, GPS 11857, GPS 12878, MCS 181
<i>Piper fuliginum</i> Kunth	CE, CL, MG, VE	GPS 4504, GPS 5840, GPS 12045
<i>Piper hispidum</i> Sw.	CE	GPS 5777, GPS 5732
<i>Piper regnellii</i> (Miq.) C. DC.	CE, MG	GPS 5401, GPS 5001, GPS 12395
<i>Piper tuberculatum</i> Jacq.	MC, MG	GPS 11118, GPS 10591, GPS 11423
Plantaginaceae		
<i>Angelonia pratensis</i> Gardn. ex Benth.	CE	GPS 11510
<i>Angelonia pubescens</i> Benth.	MC	GPS 4842
<i>Bacopa monnierioides</i> (Cham.) Robinson	CE, MC	GPS 11797, GPS 10471
<i>Scoparia dulcis</i> L.	CE, MC	ACS 3928, GPS 10629
Poaceae		
<i>Acroceras zizanioides</i> (Kunth) Dandy	MS	GPS 4944
<i>Agenium villosum</i> (Nees) Pilg.	CE	GPS 11496
<i>Andropogon fastigiatus</i> Sw.	CE, MS	GPS 4919, GPS 10356, GPS 11530
<i>Andropogon gayanus</i> Kunth	CE	GPS 10360
<i>Anthaenantia lanata</i> (Kunth) Benth.	CE	GPS 12377
<i>Aristida capillacea</i> Lam.	CE	GPS 5116, GPS 6636
<i>Aristida longifolia</i> Trin.	CE	GPS 10348
<i>Aristida riparia</i> Trin.	CE, CR	GM 16524, GPS 10352
<i>Aristida setifolia</i> Kunth	CE	GPS 4725
<i>Arundinella hispida</i> (Humb. and Bonpl. ex Willd) Kuntze	CE, MC, MG	GPS 5403, GPS 10416
<i>Axonopus aureus</i> P. Beauv.	CE	GHR 834
<i>Axonopus brasiliensis</i> (Spreng.) Kuhlmann	VE	BW 723
<i>Axonopus chrysoblepharis</i> (Lag.) Chase	CE	GPS 10353

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Axonopus complanatus</i> (Nees) Dedecca	MC	GPS 11453
<i>Axonopus leptostachyus</i> (Flüggé) Hitchc.	CE, MG	GPS 5100
<i>Axonopus marginatus</i> (Trin.) Chase	CE, CS, MG	BW 4555, GPS 12276
<i>Cynodon</i> sp.	CE	BW 908
<i>Dactyloctenium aegyptium</i> (L.) Willd.	CE	BW 909
<i>Digitaria fragilis</i> (Steud.) Luces	CE	GPS 11497, GPS 11553
<i>Digitaria gardneri</i> Henrard	CE, MC	GPS 4835, ACS 3749
<i>Echinolaena inflexa</i> (Poir.) Chase	CR	GM 16521
<i>Eleusine indica</i> (L.) Gaertn.	CE, MG	GPS 14161
<i>Elionurus adustus</i> (Trin.) Ekman	CE	GPS 12294
<i>Elionurus muticus</i> (Spreng.) Kuntze	CE	GPS 6528
<i>Eragrostis hypnoides</i> (Lam.) Britton, Sterns and Poggenb.	PA	TBC 2643
<i>Eragrostis maypurensis</i> (Kunth) Steud.	CE	GPS 10351
<i>Eragrostis rufescens</i> Schrad. ex Schult.	CE	GPS 10476
<i>Eragrostis solida</i> Nees	CE	GPS 10378
<i>Eriochloa distachya</i> Kunth	CE	GPS 11512
<i>Gouinia brasiliensis</i> (S. Moore) Swallen	MC	GPS 4964
<i>Guadua paniculata</i> Munro	MC, MS	GPS 5145, BW 5895
<i>Gymnopogon foliosus</i> (Willd.) Nees	CS	ACS 3925
<i>Hymenachne amplexicaulis</i> (Rudge) Nees	MG, MS	GPS 4691, GPS 4458, GPS 11612
<i>Hyparrhenia rufa</i> (Nees) Stapf	CE	GPS 11135, GPS 10481
<i>Ichnanthus calvescens</i> (Nees ex Trin.) Doell	MC	GPS 13454
<i>Ichnanthus inconstans</i> (Trin. ex Nees) Doell	CE	GPS 6508, GPS 10596
<i>Ichnanthus pallens</i> (Sw.) Munro ex Benth.	CE, MG	GPS 5402, GPS 14155
<i>Ichnanthus procurrans</i> (Nees ex Trin.) Swallen	CE, MG, VE	GPS 11156, GPS 5729, ACS 3661
<i>Ichnanthus ruprechtii</i> Doell	MG	BW 2405
<i>Lasiacis divaricata</i> (L.) Hitchc.	MG	GPS 10714
<i>Lasiacis lingulata</i> Hitchc. and Chase	CE	GPS 11893
<i>Lasiacis sorghoidea</i> (Desv. ex Ham.) Hitchc. and Chase	MC, MG, MS	GPS 4815, GPS 5009, GPS 10417, GPS 11428
<i>Leptochloa virgata</i> (L.) Beauv.	MG	GPS 4688
<i>Leptocoryphium lanatum</i> (Kunth) Nees	CS	BW 4619
<i>Loudetia flammida</i> (Trin.) C. E. Hubb.	CE	GPS 11622
<i>Loudetiopsis chrysothrix</i> (Nees) Conert	CE, CR, MS	GPS 4788, GPS 15231
<i>Mesosetum loliiforme</i> (Hochst.) Chase	CE	GPS 4779, GPS 12855
<i>Mesosetum rottboellioides</i> (Kunth) Hitchc.	CE	GPS 4780
<i>Microchloa indica</i> (L. f.) P. Beauv.	CE	GPS 4571
<i>Mnesithea aurita</i> (Steud.) de Koning and Sosef	CE	GPS 11152
<i>Mnesithea granularis</i> (L.) de Koning and Sosef	CE, MG	GPS 4693, GPS 11505
<i>Olyra</i> sp.	CE, MS	BW 4744, JBP 45
<i>Otachyrium seminudum</i> Hack. ex Send. and Soderstr.	CE	BW 904
<i>Panicum cervicatum</i> Chase	CE	GHR 835, GPS 10755
<i>Panicum chapadense</i> Swallen	CE, CS	JFP 554, GPS 10754
<i>Panicum cyanescens</i> Nees	MS	GPS 4940
<i>Panicum ericoides</i> Sw.	MG	GPS 4686
<i>Panicum</i> cf. <i>hirtum</i> Lam.	MC, MG	GPS 12873, GPS 11427
<i>Panicum laxum</i> Sw.	CE, MC	GPS 10477
<i>Panicum pilosum</i> Sw.	CE, CO, MC, MS	BW 4603, GPS 4872, JBP 134, GPS 11457
<i>Panicum procurrans</i> Nees	CL	GPS 4599
<i>Panicum rudgei</i> Roem. and Schult.	CE	GPS 11529
<i>Panicum sellowii</i> Nees	MC	GPS 4963
<i>Panicum</i> aff. <i>soderstromii</i> Zuloaga and Sendulsky	CS	BW 4673
<i>Panicum trichoides</i> Sw.	MC	GPS 10564
<i>Pariana</i> sp.	MC	GPS 10546, GPS 11426
<i>Paspalum ammodes</i> Trin.	CE	GPS 12330
<i>Paspalum atratum</i> Swallen	CE, MG, MS	GPS 11155, ACS 3665
<i>Paspalum carinatum</i> Humb. and Bonpl. ex Flüggé	CE	GPS 6434, TBC 1443
<i>Paspalum clavuliferum</i> Wright	MS	GPS 4809
<i>Paspalum conjugatum</i> P.J. Bergius	MC	GPS 10547
<i>Paspalum convexum</i> Humb. and Bonpl. ex Flüggé	MG, MS	GPS 4687, GPS 4456

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Paspalum cultratum</i> (Trin.) S. Denham	VE	GPS 5836
<i>Paspalum erianthum</i> Nees ex Trin.	CE, CS	GPS 4704, GPS 12274
<i>Paspalum foliiforme</i> S. Denham	CE, VE	GPS 4575
<i>Paspalum gardnerianum</i> Nees	CE, CR, CS, MC, MG, VE	GPS 4377, GPS 4836, GPS 11489, GPS 11531
<i>Paspalum geminiflorum</i> Steud.	CE, CS	GHR 833, RCO 874, GPS 11765, GPS 11495
<i>Paspalum gemmosum</i> Chase ex Renvoize	CE, MG, MS	GPS 5027, GPS 14187, GPS 14148
<i>Paspalum guttatum</i> Trin.	CE, MG, VE	BW 890
<i>Paspalum heterotrichon</i> Trin.	CE, MG	GPS 5112
<i>Paspalum hyalinum</i> Nees	CR	LC 3846
<i>Paspalum</i> aff. <i>limbatum</i> Henrard	MC	GPS 4967
<i>Paspalum lineare</i> Trin.	CE, MG, VE	BW 894, GPS 12280
<i>Paspalum maculosum</i> Trin.	CE, CL, MC, MG, VE	GPS 11154, GPS 5838
<i>Paspalum malacophyllum</i> Trin.	CE, MC, MG	GPS 5154, GPS 10746, ACS 4105
<i>Paspalum melanospermum</i> Desv. ex Poir.	CE	ACS 3681
<i>Paspalum multicaule</i> Poir.	CE, MC, MG, VE	GPS 4568, GPS 11459, GPS 14159
<i>Paspalum multinervium</i> A.G. Burm.	CE, CL	GPS 4622
<i>Paspalum niquelandiae</i> Filg.	MC	GPS 5155
<i>Paspalum parviflorum</i> Rhode ex Flüggé	MS	GPS 4930
<i>Paspalum pectinatum</i> Nees ex Trin.	CS, VE	BW 4558, BW 724
<i>Paspalum pictum</i> Ekman	CE	GPS 5106
<i>Paspalum plenum</i> Chase	MS	GPS 11607
<i>Paspalum plicatum</i> Michx.	CE	GPS 5113
<i>Paspalum polyphyllum</i> Nees ex Trin.	CS	RCO 838
<i>Paspalum rectum</i> Nees	CE, MC, MG	GPS 5111, RCO 858, GPS 10570, GPS 11624
<i>Paspalum reduncum</i> Nees ex Steud.	MC	GPS 4969
<i>Paspalum stellatum</i> Humb. and Bonpl. ex Flüggé	CE, MC	GPS 5102, ACS 3691
<i>Paspalum subsesquiglume</i> Döll	CE	GPS 5917
<i>Paspalum thrasyooides</i> (Trin.) S. Denham	CE, VE	GPS 4439, BW 911
<i>Paspalum trichostomum</i> Hack.	CL	GPS 5955
<i>Paspalum vallsii</i> R. C. Oliveira and G. H. Rua	CE	GPS 6438, GPS 15237, GPS 11551
<i>Paspalum vexillarium</i> G.H. Rua, Valls, Graciano-Ribeiro and R.C. Oliveira	CE	GPS 14202
<i>Paspalum virgatum</i> L.	MC	GHR 836
<i>Sacciolepis myuros</i> (Lam.) Chase	CE, VE	GPS 5101, GPS 10656
<i>Schizachyrium brevifolium</i> (Sw.) Nees ex Büse	MC	GPS 11451
<i>Schizachyrium microstachyum</i> (Desv. ex Ham.) Roseng., B.R. Arrill. and Izag.	CE	GPS 11552
<i>Schizachyrium tenerum</i> Nees	MS	GPS 5026
<i>Setaria parviflora</i> (Poir.) Kerguélen	CE	GPS 11160, GPS 11514
<i>Setaria scandens</i> Schrad. ex Schult.	MG	GPS 4690
<i>Setaria vulpiseta</i> (Lam.) Roem. and Schult.	MC	GPS 11802, GPS 11424
<i>Sporobolus cubensis</i> Hitchc.	CE	GPS 11667
<i>Steinchisma laxa</i> (Sw.) Zuloaga	MC, MS	GPS 11801, GPS 11718
<i>Trachypogon spicatus</i> (L. f.) Kuntze	CE, CR	GM 16526, ACS 4128
<i>Urochloa fusca</i> (Sw.) B.F. Hansen and Wunderlin	MC, MG	GPS 4689, JBP 133, GPS 12867
<i>Urochloa plantaginea</i> (Link) R.D. Webster	MG	GPS 4457
Polygalaceae		
<i>Bredemeyera floribunda</i> Willd.	CE, MC, MG, MS	GPS 5353, GPS 11902, GPS 11705, ACS 3773
<i>Bredemeyera hebeclada</i> (DC.) J.F.B. Pastore	CS, MG	JFP 10
<i>Monnina martiana</i> A.W. Benn.	CS	JFP 426
<i>Moutabea excoriata</i> Mart. ex Miq.	CE	GPS 12207
<i>Polygala carphoides</i> Chodat	CL	JFP 1274
<i>Polygala ceciliana</i> Marques and J.F.B. Pastore	CL	JFP 1272
<i>Polygala celosioides</i> Mart. ex A.W. Benn.	CE, CL, MG	JFP 507, TBC 1166
<i>Polygala coriacea</i> A. St.-Hil. and Moq.	CE, CS	GPS 5613
<i>Polygala cuspidata</i> DC.	CE, CL	JFP 417
<i>Polygala descoingsii</i> Marques and J.F.B. Pastore	CL, CS	JFP 1277
<i>Polygala elisae</i> J.F.B. Pastore and Marques	CL	JFP 1273

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Polygala equisetoides</i> A. St.-Hil. and Moq.	AN, CL, CS	JFP 436
<i>Polygala fendleri</i> Chodat	CE, CL, CS, MC	JFP 1276, TBC 1173, ACS 3651
<i>Polygala galioides</i> Poir.	AN, CE, CL, CS	GPS 4566, ACS 3723, GPS 5912
<i>Polygala glabra</i> A.W. Benn.	MG	JFP 16
<i>Polygala glochidiata</i> Kunth	CE, CL, CS	JFP 414, JBP 11
<i>Polygala hebeclada</i> DC.	CE, CL	GPS 4474, TBC 1172
<i>Polygala herbiola</i> A. St.-Hil. and Moq.	CE, CL, CR, CS	JFP 398
<i>Polygala hirsuta</i> A. St.-Hil. and Moq.	CE	GPS 11582
<i>Polygala longicaulis</i> Kunth	AN, CE, CL, CS, MG	JFP 416, TBC 1167, ACS 3717
<i>Polygala marquesiana</i> J.F.B. Pastore and T. Cavalcanti	CE	TBC 3523
<i>Polygala monosperma</i> A. W. Benn.	CL	TBC 1020
<i>Polygala patens</i> J.F.B. Pastore and Marques	CR, CS	JFP 13
<i>Polygala pauciramosa</i> J.F.B. Pastore and T. Cavalcanti	CL, CS	JAB 1542
<i>Polygala poaya</i> Mart.	CE, CS, MG	JFP 9, TBC 978, GPS 10982
<i>Polygala pseudovariabilis</i> Chodat	CE, CL, CS	ACS 4131
<i>Polygala rhodoptera</i> Mart. ex A. W. Benn.	CE, CL, MG	BW 4781, ACS 4064
<i>Polygala rigida</i> A. St.-Hil. and Moq.	CE	TBC 3642
<i>Polygala saprophytica</i> Chodat ex Grondona	CL	JFP 806
<i>Polygala sedoides</i> A. W. Benn.	CL	JFP 497
<i>Polygala subtilis</i> Kunth	CL, CS	JFP 515
<i>Polygala suganumae</i> J.F.B. Pastore and Marques	CL, MG	JAB 1540
<i>Polygala taciánae</i> J.F.B. Pastore and Marques	CL	JAB 1532
<i>Polygala tamariscea</i> Mart. ex A.W. Benn.	CE	GPS 10747, GPS 14201
<i>Polygala tenuis</i> DC.	CE, CL	JFP 379, ACS 3955
<i>Polygala timoutou</i> Aubl.	CL	JFP 374
<i>Polygala violacea</i> Aubl.	AN, CE, CS	JFP 24, JBP 7, ACS 3713
<i>Securidaca ovalifolia</i> A. St.-Hil. and Moq.	CO	TBC 2653
Polygonaceae		
<i>Coccoloba ascendens</i> Duss. ex Lindau	MG, MS	GPS 6471-A, GPS 10667
<i>Coccoloba lucidula</i> Benth.	MG	BW 4053, ACS 3889
<i>Coccoloba mollis</i> Casar.	CE	ACS 3444
<i>Coccoloba obtusifolia</i> Jacq.	MC, MG	GPS 12902, GPS 12871
<i>Polygonum acuminatum</i> Kunth	MC	GPS 10781
<i>Polygonum ferrugineum</i> Wedd.	MG	GPS 5420
<i>Triplaris gardneriana</i> Wedd.	CE, CO, MC, MG	GPS 5367, GPS 5244, GPS 11936, GPS 10774, GPS 12158
Pontederiaceae		
<i>Eichhornia azurea</i> (Sw.) Kunth	MC	GPS 10782
<i>Heteranthera</i> sp.	CE	ACS 3858
Portulacaceae		
<i>Portulaca</i> sp.	CE, MC	ACS 3824
<i>Talinum paniculatum</i> (Jacq.) Gaertn.	MG, MS	GPS 4463
<i>Talinum patens</i> (Jacq.) Willd.	MG	GPS 10496
Proteaceae		
<i>Euplassa inaequalis</i> Engl.	MG	BW 3819
<i>Roupala montana</i> Aubl.	CE, MG, MS	GPS 5404, BW 2409, BW 5810, ACS 3458
Psilotaceae		
<i>Psilotum nudum</i> (L.) P. Beauv.	MG	GPS 12392
Pteridaceae		
<i>Adiantum deflectens</i> Mart.	MG, MS	GPS 5593
<i>Adiantum incertum</i> Lindm.	MC	GPS 12879
<i>Adiantum serratodentatum</i> Humb. and Bonpl. ex Willd.	MC	GPS 4640
<i>Adiantum sinuosum</i> Gardn.	CE, MS	GPS 4349
<i>Doryopteris</i> sp.	CE	JFP 821
Rapateaceae		
<i>Cephalostemon</i> sp.	CE, CS	TBC 1444
Rhamnaceae		
<i>Crumenaria choretroides</i> Mart. ex Reiss.	CE, CS	GPS 5641, GPS 12224
<i>Gouania velutina</i> Reissek	CE, MC, MS	GPS 11690, GPS 10412

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Rhamnidium elaeocarpum</i> Reissek	AN, CO, MG, MS	BW 4632, GPS 5398, BW 5885, GPS 10930
<i>Ziziphus</i> sp.	MG	GPS 4767
Rubiaceae		
<i>Alibertia edulis</i> (Rich.) A. Rich. ex DC.	AN, CE, CS, MC, MG	BW 4635, GPS 5766, JBP 58, ACS 3643
<i>Augusta longifolia</i> (Spreng.) Rehder	CE, MC, MG	GPS 5186, TBC 2654, GPS 6577
<i>Chiococca alba</i> (L.) Hitchc.	CE, CO, MC, MG, MS	GPS 4446, BW 4516, JBP 57, ACS 3701
<i>Chomelia obtusa</i> Cham. and Schltld.	AN, CE, MC, MG, MS	BW 4636, TBC 2627, JBP 147, ACS 3705
<i>Coccocypselum lanceolatum</i> (Ruiz and Pav.) Pers.	MG	BW 3413
<i>Cordia macrophylla</i> (K. Schum.) Kuntze	MC, MG, MS	BW 4592, GPS 11910, GPS 11941
<i>Cordia myrciifolia</i> (Spruce ex K. Schum.) C. Persson and Delprete	CE, MC, MS	GPS 5622, GPS 4339, BW 5821, GPS 10994
<i>Cordia sessilis</i> (Vell.) Kuntze	CE, MG, MS	GPS 5623, TBC 2603, BW 5886, ACS 3583
<i>Coussarea hydrangeifolia</i> (Benth.) Müll. Arg.	CE, CO, CS, MC, MG, MS	GPS 4637, BW 768, JBP 34, GPS 10490
<i>Coussarea platyphylla</i> Müll. Arg.	MC, MG	GPS 4639
<i>Declieuxia fruticosa</i> (Willd. ex Roem. and Schult.) Kuntze	CE, CS	GPS 4555, BW 3675, GPS 10764, GPS 12306, GPS 5910
<i>Declieuxia lancifolia</i> J.H. Kirkbr.	CE, CL, MG, VE	MCA 389
<i>Declieuxia lysimachioides</i> Mart. and Zucc. ex Schult. and Schult. f.	CE	GPS 4475
<i>Diodella apiculata</i> (Willd. ex Roem. and Schult.) Delprete	CE, MC	ACS 3793
<i>Diodella teres</i> (Walter) Small	CE	GPS 5916
<i>Diodia</i> sp.	CE	JBP 94
<i>Emmeorhiza umbellata</i> (Spreng.) K. Schum.	MG	BW 3412
<i>Faramea bracteata</i> Benth.	MG	GPS 4765, TBC 2657, ACS 3888
<i>Faramea occidentalis</i> (L.) A. Rich.	MG	ACS 3809
<i>Ferdinandusa elliptica</i> Pohl	CE, MG	BW 4750, GPS 11731, GPS 6565, GPS 11527
<i>Ferdinandusa speciosa</i> Pohl	MG	BW 3420
<i>Galianthe angustifolia</i> (Cham. and Schltld.) E.L. Cabral	CS	TBC 1148
<i>Galianthe grandifolia</i> E.L. Cabral	CE, CL, CS, VE	GPS 4588, GPS 10457, GPS 14140
<i>Galianthe verbenoides</i> (Cham. and Schltld.) Griseb.	CE	ACS 3971
<i>Genipa americana</i> L.	MC, MG	BW 4572, BW 3513, GPS 10423
<i>Guettarda pohliana</i> Müll. Arg.	CE, MC, MG, MS	GPS 5767, BW 4046, GPS 10722, GPS 10973
<i>Guettarda viburnoides</i> Cham. and Schltld.	CE, CO, MG, MS	GPS 4595, GPS 4524, BW 5816, ACS 3720
<i>Limnosipanea palustris</i> (Seem.) Hook. f.	CE, VE	GPS 10661
<i>Machaonia acuminata</i> Bonpl.	MC, MG	GPS 4763, GPS 4830, GPS 11117, GPS 12880, GPS 11434
<i>Mitracarpus hirtus</i> (L.) DC.	CE	GPS 11698, GPS 5915
<i>Mitracarpus microspermus</i> K. Schum.	CE	GPS 6429, ACS 3753
<i>Palicourea officinalis</i> Mart.	CE, CO, MG, MS, VE	GPS 4554, BW 701
<i>Palicourea rigida</i> Kunth	CE, CS	BW 4561, BW 730, JBP 171
<i>Perama hirsuta</i> Aubl.	CL	JFP 537
<i>Psychotria barbiflora</i> DC.	CE	GPS 12386
<i>Psychotria capitata</i> Ruiz and Pav.	MG, MS	TBC 1102
<i>Psychotria carthagenensis</i> Jacq.	MC, MG	GPS 5418, GPS 10721, ACS 3593
<i>Psychotria colorata</i> (Willd. ex Roem. and Schult.) Müll. Arg.	CE, MC, MG, MS	GPS 4357, BW 742
<i>Psychotria mapourioides</i> DC.	MG	BW 4810
<i>Psychotria subundulata</i> Benth.	MG, MS	TBC 1101
<i>Randia nitida</i> (Kunth) DC.	MC	GPS 10397
<i>Richardia grandiflora</i> (Cham. and Schltld.) Steud.	CE	ACS 3991
<i>Richardia scabra</i> L.	CE	GPS 10529
<i>Rosenbergiodendron longiflorum</i> (Ruiz and Pav.) Fagerl.	MC, MG	JBP 131, GPS 12866
<i>Rudgea cornifolia</i> (Kunth) Standl.	MG	GPS 12123
<i>Rudgea erioloba</i> Benth.	CE, MC, MG	GPS 4505, BW 5843, GPS 11036, GPS 11627
<i>Rudgea viburnoides</i> (Cham.) Benth.	CE, CS, MG, MS	BW 4608, TBC 2698, GPS 15226, GPS 10949
<i>Sabicea brasiliensis</i> Wernh.	CE, MS	GPS 4353
<i>Simira corumbensis</i> (Standl.) Steyerm.	MG, MS	GPS 12239
<i>Spermacoce capitata</i> Ruiz and Pav.	MS	GPS 11437

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Spermacoce</i> aff. <i>eryngioides</i> (Cham. and Schltld.) Kuntze	CE	ACS 3802
<i>Spermacoce</i> aff. <i>irwiniana</i> (E.L. Cabral) Delprete	CE	GPS 11465
<i>Spermacoce latifolia</i> Aubl.	CE, CS, MG, MS	JBB 81, BW 4502
<i>Spermacoce neotenuis</i> Govaerts	CE	ACS 3746
<i>Spermacoce</i> aff. <i>ovalifolia</i> (M. Martens and Galeotti) Hemsl.	CE	ACS 4047
<i>Spermacoce pulchripila</i> (Bremek.) Delprete	MG	GPS 4743
<i>Staelia virgata</i> (Link ex Roem. and Schult.) K. Schum.	CE, CL, MC	GPS 4845, ACS 3794, GPS 5918
<i>Tocoyena formosa</i> (Cham. and Schltld.) K. Schum.	CE, CO, MS	BW 4536, BW 775, BW 5793, GPS 12223, GPS 11544
<i>Warszewiczia schwackei</i> K. Schum.	CE	GPS 12851
Rutaceae		
<i>Zanthoxylum rhoifolium</i> Lam.	MC, MS	BW 3251, GPS 11482, GPS 11425
<i>Zanthoxylum riedelianum</i> Engl.	CE, CO, MC, MG	GPS 4757, GPS 5238, GPS 13459, ACS 3734
Salicaceae		
<i>Casearia commersoniana</i> Cambess.	CE, CL, VE	TBC 1137, GPS 10595
<i>Casearia grandiflora</i> Cambess.	CE, CO, MS	BW 4532, BW 691
<i>Casearia rupestris</i> Eichler	CE, CO, MS, PA	GPS 5396, GPS 12178
<i>Casearia sylvestris</i> Sw.	CE, CS, MC, MG	GPS 5319, TBC 960, GPS 10730, GPS 6504
<i>Homalium guianense</i> (Aubl.) Oken	CE, MC	GPS 12209
Santalaceae		
<i>Phoradendron andersonii</i> Rizzini	CE	GPS 5615, ACS 3660
<i>Phoradendron bathoryctum</i> Eichler	CE, MG	GPS 5746, GPS 11737
<i>Phoradendron crassifolium</i> (Pohl ex DC.) Eichler	CO	GPS 4873
Sapindaceae		
<i>Allophylus petiolulatus</i> Radlk.	MS	BW 5891
<i>Allophylus puberulus</i> (Cambess.) Radlk.	CE, MC	ACS 3836
<i>Allophylus strictus</i> Radlk.	MG	BW 744
<i>Dilodendron bipinnatum</i> Radlk.	CE, MC, MG, MS	GPS 5050, GPS 11888, GPS 10779
<i>Magonia pubescens</i> A. St.-Hil.	CE, PA	GPS 5224, GPS 12058
<i>Matayba guianensis</i> Aubl.	CE, MG, MS	GPS 4506, GPS 4324, GPS 12913, GPS 10991
<i>Paullinia elegans</i> Cambess.	MC, MG	BW 4590, GPS 12906
<i>Paullinia spicata</i> Benth.	MC, MG	GPS 4762, GPS 11119
<i>Sapindus saponaria</i> L.	CE	GPS 13460
<i>Serjania caracasana</i> Willd.	CE, MC, MG	TBC 2693, GPS 11933, GPS 6539
<i>Serjania</i> cf. <i>erecta</i> Radlk.	CE	ACS 3838
<i>Serjania confertiflora</i> Radlk.	CE, MC	GPS 6456, LBB 1228
<i>Serjania glutinosa</i> Radlk.	CE, MC	TBC 1461, GPS 10428
<i>Serjania lethalis</i> A. St.-Hil.	CE, MG	GPS 5774, ACS 3527
<i>Serjania mansiana</i> Mart.	CE	GPS 13461
<i>Serjania meridionalis</i> Cambess.	MG	BW 4805
<i>Serjania ovalifolia</i> Radlk.	CE, MG	GPS 4445, TBC 2656
<i>Serjania reticulata</i> Cambess.	CE	GPS 11830
<i>Talisia esculenta</i> (A. St.-Hil.) Radlk.	MC	ACS 3539
<i>Urvillea ulmacea</i> Kunth	MC	GPS 10430
Sapotaceae		
<i>Chrysophyllum</i> sp.	MG	BW 4048
<i>Micropholis gardneriana</i> (Benth.) Zarucchi and Herend.	CE, MG, MS	BW 4505, GPS 11014
<i>Micropholis</i> cf. <i>gnaphalocladus</i> (Mart.) Pierre	CE	ACS 3857
<i>Micropholis venulosa</i> (Mart. and Eichler ex Miq.) Pierre	CE, MG	GPS 5411, BW 3418, GPS 12181
<i>Pouteria macrophylla</i> (Lam.) Eyma	MG	GPS 12362
<i>Pouteria ramiflora</i> (Mart.) Radlk.	CE, CL, CO, MG, MS	GPS 5661, TBC 1459, GPS 11894, GPS 6582, GPS 10608
<i>Pouteria torta</i> (Mart.) Radlk.	MC, MS	BW 5903, GPS 13456
Selaginellaceae		
<i>Selaginella marginata</i> (Humb. and Bonpl. ex Willd.) Spring	MC	GPS 5005
Simaroubaceae		
<i>Simaba cedron</i> Planch.	CE, MG	GPS 5188, GPS 11747, ACS 3481, GPS 12037
<i>Simarouba versicolor</i> A. St.-Hil.	CE, CO	GPS 5386, GPS 5233, GPS 11886, GPS 12009
Siparunaceae		
<i>Siparuna guianensis</i> Aubl.	CE, CO, MC, MG, MS	TBC 1061, JBP 123, ACS 3534

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
Smilacaceae		
<i>Smilax brasiliensis</i> Spreng.	CE, MC	GPS 12371, GPS 10789
<i>Smilax fluminensis</i> Steud.	CE, MG	GPS 5406, TBC 2597
<i>Smilax syringoides</i> Griseb.	CE	GPS 4618
Solanaceae		
<i>Cestrum schlechtendalii</i> G. Don	MG	BW 4649
<i>Physalis angulata</i> L.	MG	GPS 6619
<i>Schwenkia americana</i> L.	MC	GPS 10571
<i>Solanum americanum</i> Mill.	MS	GPS 4796
<i>Solanum aspero-lanatum</i> Ruiz and Pav.	MS	BW 2577
<i>Solanum lycocarpum</i> A. St.-Hil.	CE, CS	GPS 4403, GPS 10347, GPS 10637
<i>Solanum palinacanthum</i> Dunal	CE, MS	GPS 12374
<i>Solanum scuticum</i> M. Nee	MS	GPS 5222
Styracaceae		
<i>Styrax camporum</i> Pohl	MG	BW 923
Theaceae		
<i>Laplacea fruticosa</i> (Schrad.) Kobuski	MG	BW 3407
Thelypteridaceae		
<i>Thelypteris</i> sp.	MC	GPS 10565
<i>Clavija</i> sp.	CE, MG	JBP 48, GPS 12015
Triuridaceae		
<i>Peltophyllum luteum</i> Gardn.	CE	ACS 3973
Turneraceae		
<i>Piriqueta cistoides</i> (L.) Griseb.	MC	BW 4601
<i>Piriqueta lourteigiae</i> Arbo	CE, CS	BW 4639
<i>Piriqueta odorata</i> Rich.	MG	GPS 5657
<i>Piriqueta sidifolia</i> (A. St.-Hil., A. Juss. and Cambess.) Urb.	CE, CS	GPS 5634, TBC 986
<i>Turnera caerulea</i> DC.	CE	GPS 11541
<i>Turnera incana</i> Cambess.	CE, CR	TBC 2207, BW 903, GPS 10510
<i>Turnera longiflora</i> Cambess.	CE	BW 4646, TBC 2671
<i>Turnera pohliana</i> Urb.	CE	TBC 1097
<i>Turnera pumilea</i> L.	AN, MS	BW 918
<i>Turnera trigona</i> Urb.	CE	BW 902
Urticaceae		
<i>Urera</i> cf. <i>caracasana</i> (Jacq.) Gaudich. ex Griseb.	MS	GPS 4856
Velloziaceae		
<i>Vellozia glochidea</i> Pohl	CE	GPS 4654, BW 714
<i>Vellozia squamata</i> Pohl	CE, CL, MC	GPS 5060, GPS 5833, GPS 12012
<i>Vellozia variabilis</i> Mart. ex Schult. f.	CE	GPS 6459
Verbenaceae		
<i>Aloysia virgata</i> (Ruiz and Pav.) Pers.	MC	GPS 11944
<i>Casselia chamaedryfolia</i> Cham.	CE, CO, CS, MG	BW 4614, TBC 2647, GPS 12285
<i>Lantana achyranthifolia</i> Desf.	CE, MC, MS	GPS 4436, GPS 5722, JBP 6, ACS 4038
<i>Lippia alba</i> (Mill.) N.E. Br.	CS	TBC 2636
<i>Lippia gardneriana</i> Schauer	CE	BW 751
<i>Lippia grandiflora</i> Mart.	CE, CS	BW 4617, GPS 10986
<i>Lippia lupulina</i> Cham.	CE	GPS 13495
<i>Lippia</i> cf. <i>microphylla</i> Cham.	CE	GPS 10509
<i>Lippia oxyonemis</i> Schauer	CE	GPS 6486
<i>Lippia primulina</i> S. Moore	CE	GPS 5603, GPS 12113
<i>Lippia sericea</i> Cham.	CE	GPS 6551
<i>Lippia vernonioides</i> Cham.	MS	GPS 5169
<i>Stachytarpheta reticulata</i> Mart.	CE	JBP 112, GPS 11490
Violaceae		
<i>Hybanthus communis</i> (A. St.-Hil.) Taub.	MS	GPS 5755
<i>Hybanthus lanatus</i> (A. St.-Hil.) Baill.	CE, CO, CS	GPS 5618, GPS 4662, GPS 10981
<i>Rinorea guianensis</i> Aubl.	MG	GPS 6566
Vitaceae		
<i>Cissus duarteana</i> Cambess.	CE, MG, VE	GPS 4440, TBC 1179, JBP 33

TABLE 1. CONTINUED.

TAXON	PHYSIOGNOMY	VOUCHER
<i>Cissus erosa</i> Rich.	CE, CL, CO, CS, MC, MG, MS, VE	BW 4569, BW 915, ACS 3931
<i>Cissus sicyoides</i> L.	CE, MS	GPS 5724, GPS 10771
<i>Cissus simsiana</i> Schult. and Schult. f.	CE, CO, MC	BW 4798, GPS 5734
<i>Cissus sulcicaulis</i> (Baker) Planch.	CO, MC	GPS 4870, GPS 11432
<i>Cissus verticillata</i> (L.) Nicolson and C.E. Jarvis	CE, MC, MS, VE	BW 4751, GPS 4801, ACS 3641, GPS 11433
Vochysiaceae		
<i>Callisthene fasciculata</i> Mart.	CE, CO, MC, MG, MS	GPS 5108, TBC 2686, BW 5841, GPS 11041
<i>Callisthene major</i> Mart.	CE	GPS 4584, BW 2592, ACS 3406
<i>Callisthene minor</i> Mart.	CE	GPS 11874, ACS 3770
<i>Qualea dichotoma</i> (Mart.) Warm.	MC, MS	BW 3572
<i>Qualea grandiflora</i> Mart.	CE, CL, MS	GPS 4393, TBC 2674, JBP 114, GPS 10341
<i>Qualea multiflora</i> Mart.	CE, MC, MS	GPS 5109, GPS 13480, JBP 54, GPS 12384
<i>Qualea parviflora</i> Mart.	CE, CS, MS	BW 4524, BW 766, GPS 10491, GPS 10997
<i>Salvertia convallariodora</i> A. St.-Hil.	CE, CO	GPS 5229, GPS 11665, GPS 10598
<i>Vochysia elliptica</i> Mart.	CE	GPS 10763
<i>Vochysia cf. gardneri</i> Warm.	CE	GPS 4768
<i>Vochysia pruinosa</i> Pohl	CE	TBC 1162, GPS 10517
<i>Vochysia pumila</i> Pohl	CE, VE	GPS 5124
<i>Vochysia pyramidalis</i> Mart.	CE, MG	GPS 5683, AAS 590
<i>Vochysia rufa</i> Mart.	CE, CS	BW 3293, GPS 6549
<i>Vochysia thyrsoidea</i> Pohl	MS	GPS 5173
Xyridaceae		
<i>Xyris concinna</i> N.E. Br.	CE	TBC 1089
<i>Xyris laxifolia</i> Mart.	CE, CL, MG, VE	GPS 4623, BW 881
<i>Xyris malmeana</i> L.B. Sm.	CE	GPS 6447
<i>Xyris savanensis</i> Miq.	CE, MS	GPS 5089
<i>Xyris tenella</i> Kunth	CL	JFP 539
Zingiberaceae		
<i>Renealmia</i> sp.	MG	BW 4811

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