

FLORISTIC OBSERVATIONS ON FOREST TYPES IN  
WESTERN SURINAME. II.

BY

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H. Rain forest at Kamisa falls (Nickerie R., west bank) (see table 8)  
7 plots of 1000 m<sup>2</sup> and 21 plots of 100 m<sup>2</sup>, total area 9100 m<sup>2</sup>.

– Number of species: ca 110.

– Soil: brown to grey, loamy sand, occasionally with ferrite gravel.

– Dominant species: *Dicorynia guianensis* (*basralokus*).

– Shrub layer: saplings of *gawetri* (Sapindaceae spp.), *tingimoni* (*Pro-*  
*tium* spp.), *boegoe-boegoe* (*Swartzia* spp.), and *switi boontje* (*Inga* spp.);  
many palms, viz. *Attalea maripa* (*maripa*), *Oenocarpus bacaba* (*koemboe*),  
*nanai-maka* (*Bactris* vs. *humilis*), and *taspalm* (*Geonoma* vs. *baculifera*).

– Herb layer: *kleine paloeloe* (*Heliconia* sp.), *warimbo* (Marantaceae spp.)  
and *Renealmia gracilis* O. G. Pet. (*masoesa*).

There was only one dominant tree species in this forest, namely *Dicorynia guianensis*, forming 12% of all trees with a diameter of 10 cm or over. This species, however, was very unevenly distributed being well represented in a few quadrats, but entirely absent in many others.

The maximum diameters recorded in the area were for *Vochysia tomentosa* (85 cm), *Dicorynia guianensis* (90 cm), *Goupia glabra* (95 cm), *Dimorphandra pullei* (130 cm), and *agro-bigi* (*Parkia pendula* or *Parkia ulei* var. *surinamensis*, 150 cm).

The Papilionaceae had a very high percentage in this forest (see table 10), namely 22%, mainly due to the large number of trees of *Dicorynia guianensis* and *boegoe-boegoe* (*Swartzia* spp.); two other leading families were Lecythidaceae (13%) and Chrysobalanaceae (12%).

This forest matches the Winana Creek and Snake Creek rain forest in three of its common species, *Eschweilera corrugata*, *Licania apetala*, and *switi boontje* (*Inga* spp.). A striking difference, however, is the complete absence of both *Aspidosperma excelsum* and *Eperua falcata* and the presence of *Dicorynia guianensis* and *boegoe-boegoe* (*Swartzia* spp.).

K. Upland rain forest at Blanche Marie falls (Nickerie R., east bank) (see table 9), 9 plots of 1000 m<sup>2</sup> and 31 plots of 100 m<sup>2</sup>, total area 12.100 m<sup>2</sup>,

– Number of species: ca 110 (see also fig. 2).

– Soil: dark brown sand, with fine to coarse ferro-bauxite; bedrock of granitic composition.

TABLE 8

Rain forest at Kamisa falls (Nickerie R., west bank). Trees  $\geq 10$  cm diameter in an area of 9100 m<sup>2</sup>.

Species	Diameter class in cm					Total number of trees	Number of trees per ha.
	10-20	20-31	31-41	41-61	> 61		
<i>Dicorynia guianensis</i>	30	8	10	11	3	62	68
<i>Eschweilera subglandulosa</i>	11	10	6	4	-	31	34
<i>Eschweilera corrugata</i>	23	2	4	1	-	30	33
<i>boegoe-boegoe</i> ( <i>Swartzia</i> sp.)	17	4	4	1	-	26	29
<i>apra-oedoe</i> ( <i>Pouteria</i> spp.)	19	5	1	-	-	25	27
<i>Carapa guianensis</i>	10	10	2	1	-	23	25
<i>Licania apetala</i>	14	5	2	2	-	23	25
<i>Licania micrantha</i>	15	1	1	1	-	18	20
<i>Licania stricta</i>	15	2	-	-	-	17	19
<i>switi boontje</i> ( <i>Inga</i> spp.)	10	7	-	-	-	17	19
<i>Chaetocarpus schomburgkianus</i>	8	1	5	1	-	15	17
<i>njamsi-oedoe</i> ( <i>Nyctaginaceae</i> spp.)	13	-	-	-	-	13	14
<i>Parinari campestris</i>	1	1	4	4	-	10	11
<i>manletter</i> ( <i>Moraceae</i> spp.)	4	2	1	1	-	8	9
<i>Swartzia panacoco</i> var. <i>polyanthera</i>	3	4	1	-	-	8	9
<i>Caraipa densifolia</i>	3	2	1	1	-	7	8
<i>kromanti-kopi</i> ( <i>Aspidosperma</i> spp.)	4	1	2	-	-	7	8
<i>jari-jari</i> ( <i>Annonaceae</i> spp.)	6	-	-	-	-	6	7
<i>Couepia guianensis</i>	4	1	-	-	-	5	5
<i>Antonia ovata</i>	2	3	-	-	-	5	5
90 other species	121	39	21	8	8	197	216
Total	333	108	65	36	11	553	608

- Elevation: 0-300 m.

- Exposition: (0-)10(-45)°.

- Leading trees: *apra-oedoe* (unknown Myrtaceae, 10941 + ? *Pouteria* sp.), *Eschweilera collina* (*bergi-oemabarklak*), *Eschweilera subglandulosa* (*manbarklak*), *Eschweilera corrugata* (*oemabarklak*); *Eperua falcata* (*walaba*), and *Swartzia schomburgkii* var. *schomburgkii* (*boegoe-boegoe*).

- Shrub layer: saplings of *tingimoni* (*Protium* spp.), *switi boontje* (*Inga* spp.), *Eschweilera subglandulosa*, and *Licania stricta*; *Galipea* cf. *pubiflora*, *Cusparia silvestris*, *Licaria wilhelminensis*, *Rinorea riana*, *Rinorea* cf. *brevipes*, *Sloanea grandiflora*, *Carpotroche surinamensis*, and *Lecointea amazonica* (on granitic outcropping); palms of *Astrocaryum sciophilum* abundant; only other palm. i.e. *Bactris* vs. *humilis* (*nanai-maka*) rare; lianas: *Celastraceae* sp. (10891), *Coccoloba* sp. (10927), and *sekrepatoe-trapoe* (*Bauhinia* sp.) frequent.

- Herb layer: very rich in species, a.o. *Anthurium polyrrhizum* C. Koch &

Ang. (10991), *Heliconia glauca* Poit. (10892), *Heliconia hirsuta* L. f. (10906), *Heliconia bihai* L. (10990), *Selaginella epirrhizos* Spring (10901), *Selaginella pedata* Kl. (10907), *Selaginella radiata* (Aubl.) Spring (10973), *Renalmia gracilis* O. G. Pet. (10894), *Calathea elliptica* (Rosc.) K. Sch. (10895), *Aciotis fragilis* (L. C. Rich.) Cogn. (10908), *Ichnanthus panicoides* Beauv. (10985), *Thelypteris abrupta* (Desv.) Proctor (10912), *Adiantum phyllitidis* J. Smith (10974), *Tectaria trifoliata* (L.) Cav. (10986, above 200 m elevation), "*Bolbitis*" *macrophylla* (Kze.) Maxon & Morton (10987), and *Cyathea infesta* (Kze.) Domin (10988).

Epiphytic ferns: *Adiantopsis radiata* (L.) Fée (10976), *Nephrolepis rivularis* (Vahl) Mett. (10975), and *Polybotrya caudata* Kze. (10989). Saprophytes: *Voyria rosea* Aubl. (10913), abundant.

– Herb layer on bushed granitic rocks: *Selaginella producta* Baker (10977), *Costus claviger* B. Ben. (10905), *Drymonia campostyla* Lwbg. (10909), *Sipanea pratensis* Aubl. (10910), *Ichnanthus axillaris* (Nees) Hitchc. (10911), *Costus congestiflorus* L. C. Rich. ex Gagnep. (10959), *Chrysothemis rupestris* (Bth.) Lwbg. (10961), and *Monstera obliqua* Miq. (10980).

– Herb layer at more or less open granitic outcroppings: *Dioscorea manicorensis* Clayton (10978), *Dioclea virgata* (L. C. Rich.) Amsh. (10979), *Aphelandra tetragona* (Vahl) Nees (10981), and *Maranta divaricata* Rosc. (10982).

The abundance of *Eschweilera* spp. (i.e. *E. collina*, *E. subglandulosa*, and *E. corrugata*) in this forest was very peculiar. SCHULZ (1960) remarked: "the numerical preponderance of Lecythidaceae is characteristic for the majority of upland forests on ferralitic soils in the northern part of Central Suriname. . ."; the same also holds true for this upland forest in western Suriname. One of the leading trees was the Myrtaceae *apra-oedoe* (10941); a sterile specimen of it could not be identified by the specialist R. McVAUGH. I am not totally sure all trees counted in this area under the name *apra-oedoe* do belong to the same myrtaceous species, since normally this native name is used for representatives of the Sapotaceae.

The deeply fluted trunks of *boegoe-boegoe* (*Swartzia schomburgkii* var. *schomburgkii* and *Swartzia* sp., 10904) were very typical of this forest; these two species together constituted ca 14% of all trees > 10 cm in diameter; in the diameter classes over 40 cm, they constituted 19% of all trees.

Some species characteristic for this upland rain forest were: *Eschweilera collina*, *Crudia glaberrima*, *Ecclinusa guianensis*, *lele-tiki* (*Rinorea* cf. *brevipes*), the *boegoe-boegoe* just mentioned, and *kimboto* (*Pouteria* sp.).

Very remarkable was the low amount of trees of *Aspidosperma excelsum* counting only 3 trees on a total area of 12.100 m<sup>2</sup>! West of the Nickerie River it was one of the most common forest species, east of it it was apparently rare!

The maximum diameters recorded in this area were for *Eperua falcata* (80 cm), *Geissospermum sericeum* (80 cm), *kimboto* (*Pouteria* sp., 80 cm),

TABLE 9

Upland rain forest at Blanche Marie falls (Nickerie R. east bank). Trees > 10 cm diameter in an area of 12.100 m<sup>2</sup>.

Species	Diameter class in cm					Total number of trees	Number of trees per ha.
	10-20	20-31	31-41	41-61	> 61		
<i>apra-oedoe</i> ( <i>Myrtaceae</i> sp., 10941 + ? <i>Pouteria</i> sp.)	38	10	3	-	-	51	42
<i>Eschweilera collina</i>	24	7	9	5	-	45	37
<i>Eperua falcata</i>	14	9	3	4	6	36	30
<i>Swartzia schomburgkii</i> var. <i>schomburgkii</i>	10	8	5	4	4	31	26
<i>Crudia glaberrima</i>	24	3	2	-	-	29	24
<i>Eschweilera subglandulosa</i>	16	5	4	1	-	26	21
<i>Ecclinusa guianensis</i>	10	8	2	-	-	20	17
<i>Terminalia amazonia</i>	10	6	1	2	-	19	16
<i>Eschweilera corrugata</i>	12	5	-	-	-	17	14
<i>lele-tiki</i> ( <i>Rinorea</i> cf. <i>brevipes</i> )	17	-	-	-	-	17	14
<i>Guettarda acreana</i>	10	3	2	1	-	16	13
<i>boegoe-boegoe</i> , 10904 ( <i>Swartzia</i> sp.)	4	-	2	4	3	13	11
<i>switi boontje</i> ( <i>Inga</i> spp.)	10	1	1	-	-	12	10
<i>kimboto</i> ( <i>Pouteria</i> sp.)	1	2	2	4	3	12	10
<i>kraspisi</i> , 10725 ( <i>Lauraceae</i> sp.)	6	2	3	-	-	11	9
<i>Licania apetala</i>	4	1	3	3	-	11	9
<i>Helicostylis tomentosa</i> } <i>Maquira guianensis</i> }	6	1	4	-	-	11	9
<i>Loxopterygium sagotii</i>	8	-	-	1	-	9	7
<i>Leonia glycyarpa</i>	9	-	-	-	-	9	7
<i>Toulicia pulvinata</i>	9	-	-	-	-	9	7
<i>prasara-oedoe</i> ( <i>Guapira</i> sp.)	7	1	-	1	-	9	7
<i>Licania micrantha</i>	5	2	1	1	-	9	7
91 other species	128	48	21	31	3	231	191
Total	382	122	68	62	19	653	540

*boegoe-boegoe* (*Swartzia* sp. 80 and 85 cm), and *Trattinickia demerarae* (120 cm).

The distribution of the trees over the families gave the following picture (see also table 10): a preponderance of Papilionaceae (21%), Lecythidaceae (20%), and Sapotaceae (15%); as the next important family the Chrysobalanaceae reached a percentage of 4% only. The Apocynaceae did not rank higher than 2%!

Floristically this forest can well be compared with an upland rain forest which has been described by SCHULZ (1960). That forest was situated at Stofbroekoe Mts., a mountain range ca 150 km E of Blanche Marie falls, near Kleine Saramacca R.; the soil of that forest consisted of a red to yellow-red loam, with much ironstone gravel, overlying a very thick (bauxo-) ferrite cuirass. These two forest types share the following

species: *Swartzia schomburgkii* var. *schomburgkii*, *Eschweilera corrugata*, *kimboto* (*Pouteria* sp.), *lele-tiki* (*Rinorea* spp.), *Licania apetala*, and the palm *Astrocaryum sciophilum* (*boegro-maka*). The Blanche Marie forest differs, however, in the presence of *Eperua falcata*, *Eschweilera collina*, *Crudia glaberrima*, and *Ecclinusa guianensis*.

GEOGRAPHICAL DISTRIBUTION OF SOME OF THE MOST COMMON TREE SPECIES OF WESTERN SURINAME

I have studied the geographical distribution of seventeen of the most common tree species of the rain and savanna forest of western Suriname. As sources of information local floras or collection lists of Trinidad, Venezuela, Guyana, Suriname, French Guiana, and Brazil were consulted; an article by DAVIS (1941) on the geographical distribution of Guyanan tree species was also seen. Furthermore I took data from plant material of the Utrecht Herbarium.

	BR	FG	SUR	GUY	VEN	TRIN
<i>Licania stricta</i>	—	—	+	—	—	—
<i>Dicorynia guianensis</i>	—	+	+	—	—	—
<i>Ocotea rodiaei</i>	—	+	WE	+	+	—
<i>Chaetocarpus schomburgkianus</i>	—	—	+	+	—	—
<i>Dimorphandra conjugata</i>	—	—	+	+	—	—
<i>Mora gonggrijpii</i>	—	—	WE	+	—	—
<i>Goupia glabra</i>	PA	+	+	+	—	—
<i>Castostemma fragrans</i>	—	+	+	+	—	—
<i>Eschweilera corrugata</i>	—	+	+	+	—	—
<i>Ecclinusa guianensis</i>	—	+	+	+	—	—
<i>Palicourea guianensis</i>	PA	+	+	+	—	+
<i>Eschweilera subglandulosa</i>	PA	+	+	+	—	+
<i>Bocageopsis multiflora</i> var. <i>multiflora</i>	AM	—	+	+	—	—
<i>Eperua falcata</i>	PA	+	+	+	—	—
<i>Swartzia schomburgkii</i> var. <i>schomburgkii</i>	NW	—	+	+	+	—
<i>Aspidosperma excelsum</i>	—	?	WE	+	DA	—
<i>Licania micrantha</i>	AM	—	+	+	+	—

The following abbreviations were used:

BR	Brazil	WE	Western Suriname
AM	Amazonian Brazil	GUY	Guyana
PA	Brazil, state of Pará	VEN	Venezuela
NW	Northwestern Brazil	DA	Delta Amacuro, Venezuela
FG	French Guiana	TRIN	Trinidad
SUR	Suriname		

TABLE 10

Percentual representation of families in the trees of the different rain forest types; the following abbreviations are used: EII (Winana Creek, Zwart Parelhout forest), EI (Winana Creek, Walaba-Parelhout forest), FI (Snake Creek), H (Kamisa falls), GI (Paris Jacob Creek, west bank), GII (Paris Jacob Creek, east bank), and K (Blanche Marie falls).

Family	EII	EI	FI	H	GI	GI	K
Papilionaceae	2	19	6	22	17	11	21
Lecythidaceae	8	9	12	13	9	12	20
Apocynaceae	28	13	12	4	10	3	2
Chrysobalanaceae	12	11	9	12	10	4	4
Sapotaceae	9	4	4	8	4	3	15
Mimosaceae	2	2	6	5	4	7	3
Burseraceae	4	4	5	3	5	7	2
Euphorbiaceae	1	2	10	4	4	3	2
Moraceae	2	1	3	4	2	6	3
Sapindaceae	3	4	1	1	3	5	1
Annonaceae	3	5	3	1	1	3	1
Violaceae	—	—	—	—	9	2	4
Meliaceae	—	1	1	5	1	7	1
Lauraceae	1	2	4	1	2	2	3
Bombacaceae	3	4	1	2	2	—	—
Guttiferae	1	2	1	2	3	2	—
Nyctaginaceae	—	—	1	3	2	4	2
Rubiaceae	2	1	2	—	2	1	3
Remaining families	19	16	19	10	10	18	13

Of the seventeen species listed, only one was endemic for Suriname (*Licania stricta*), 15 species were also collected in Guyana, and 9 in French Guiana. This shows the western flora Suriname to be more closely related to the Guyanan than the French Guianan flora; one must bear in mind, however, that the French Guianan flora at this moment is very insufficiently known; future plant explorations in that country may show the floras of both countries to be more related than suggested here.

#### ANNOTATED LIST OF TREE AND PALM SPECIES OCCURRING IN THE EXPLORATION AREA

In brackets are given the sets of collection numbers which belong to the sequence of the Forest Service "Lands Bosbeheer" and which are to be cited with the abbreviation: *Maas, LBB* no. . . .

The collecting localities are abbreviated as follows:

W = Winana Creek, Corantijn R. (10689-10751)

S = Snake Creek, Marataka R. (10752-10884)

B = Blanche Marie falls, Nickerie R. (10885-10994)

P = Paris Jacob Creek, Nickerie R. (10995-11031)

K = Kamisa falls, Nickerie R. (11032-11068)

Species marked with an asterisk are new for Suriname.

## ANACARDIACEAE

*Anacardium spruceanum* Bth. ex Engl. (10735). Rain forest: W, S.

*Loxopterygium sagotii* Hook. f., *hoogland-slangenhout* (10734) or *slangenhout*. Rain forest: W, S, K, B, Savanna forest: S.

*Spondias mombin* L., *mopé*. Rain forest: K, B.

*Tapirira guianensis* Aubl., *weti-oedoe*. Rain forest: W, S, P, K, B. Savanna forest: W, S.

## ANNONACEAE

*Bocageopsis multiflora* (Mart.) R. E. Fries var. *multiflora*, *pika-pika* (10697, 10736). Rain forest: S, W.

\* *Duguetia neglecta* Sandw. (10791). Rain forest: S.

*Ephedranthus guianensis* R. E. Fries, *pika-pika* (11029). Rain forest: P.

*Xylopia benthamii* R. E. Fries (10763). Rain forest: S.

*Xylopia nitida* Dun., *pegrekoe* (11026). Rain forest: P.

*Xylopia* sp., *pegrekoe-pisi*. Rain forest: W.

Annonaceae spp., *jari-jari*. Rain forest: S, P, K, B. Savanna forest: K.

## APOCYNACEAE

*Ambelania acida* Aubl., *batbati*. Rain forest: W, S, K. Savanna forest: S.

*Aspidosperma album* (Vahl) R. Ben., *kromanti-kopi*. Rain forest: P, B. Savanna forest: K.

*Aspidosperma* aff. *album*, "*Marataka*" *kromanti-kopi* (10719, 10809). Rain forest: W, S, P, K. Savanna forest: W, K.

*Aspidosperma excelsum* Bth., *zwart parelhout* (10699, 11020). Rain forest: W, S, P, B. Savanna forest: W, S, P.

*Aspidosperma marcgravianum* Woods., *wit parelhout* (10696). Rain forest: W, P, K, B.

*Aspidosperma oblongum* A. DC., *zwart parelhout*. Rain forest: P, K.

*Couma guianensis* Aubl., *pera*. Rain forest: S, K.

*Geissospermum sericeum* (Sagot) Bth., *bergi-bitá*. Rain forest: W, S, B. Savanna forest: S.

*Parahancornia amapa* (Hub.) Ducke, *zwarte mapa* (10730). Rain forest: W, P, K. Savanna forest: S, K.

?, *witte mapa*. Rain forest: S.

## ARALIACEAE

*Didymopanax morototoni* (Aubl.) Dcne. & Planch., *kassavehout*. Rain forest: S, P. Savanna forest: W.

*Schefflera paraënsis* Hub. apud Ducke, *morototo*. Rain forest: K, B.

## BIGNONIACEAE

*Jacaranda copaia* (Aubl.) D. Don, *goebaja*. Rain forest: W, S, P, K. Savanna forest: K.

- Tabebuia capitata* (Bur. & K. Sch.) Sandw., *makagrín*. Rain forest: P.  
Savanna forest: S.
- Tabebuia insignis* (Miq.) Sandw. var. *monophylla* Sandw., *zwamp-panta*  
(10817). Rain forest: S.
- Tabebuia serratifolia* (Vahl) Nicholson, *groenhart*. Rain forest: P, B.

## BOMBACACEAE

- Bombax flaviflorum* Pulle, *savanne-katoen*. Savanna forest: S.
- \* *Bombax* sp., *boscacao* (10900). Rain forest: K, B.
- Bombax* spp., *boskatoen*. Rain forest: W, P, K, B. Savanna forest: P, K.  
Among others: *B. cf. surinamense* Uitt. (11050).
- Catostemma fragrans* Bth., *barmani* (10799). Rain forest: W, S, P, K.  
Savanna forest: W, S, P.

## BORAGINACEAE

- Cordia laevifrons* Jonhston, *hoogland-tafrabon* (10843). Rain forest: W,  
S, P, K, B.

## BURSERACEAE

- Hemicrepidospermum rhoifolium* (Bth.) Sw., *getande tingimoni* (10797,  
11067). Rain forest: S, K.
- Protium aracouchini* (Aubl.) March., *kleinbladige tingimoni* (10770). Rain  
forest: S, P, K, B. Savanna forest: S, P.
- Protium neglectum* Swart var. *robustum* Swart, *grootbladige tingimoni*  
(10842). Rain forest: S, P, K, B. Savanna forest: S.
- Protium sagotianum* March., *hardebast-tingimoni* (10815). Rain forest:  
S, P, K, B.
- Protium* spp., *tingimoni*. Rain and savanna forest: W. Among others: *P.*  
vs. *insigne* (Tr. & Pl.) Engl. (10963) and *P. polybotryum* (Turcz.) Engl.
- Tetragastris altissima* (Aubl.) Swart, *sali* (10949). Rain forest: P, B.
- Tetragastris hostmannii* (Engl.) O. Ktze., *tingimoni-sali* (10781). Rain  
forest: W, S, P, K, B.
- Trattinickia demerarae* Sandw., *ajawa-tingimoni*. Rain forest: W, S, P, B.  
Savanna forest: S.

## CARYOCARACEAE

- Caryocar glabrum* (Aubl.) Pers. or *C. nuciferum* L., *sawari*. Rain forest: S.  
*sopo-oedoe*, *Caryocar glabrum* (Aubl.) Pers., *C. microcarpum*, Ducke or  
*Pithecellobium jupunba* (Willd.) Urb. (Mim.). Rain forest: W, S, P, K.

## CELASTRACEAE (inclusive Hippocrateaceae)

- Cheiloclinium cognatum* (Miers) A. C. Smith, *manari-tiki* (10837). Rain  
forest: W, S. Savanna forest: S.
- Goupia glabra* Aubl., *kopi*. Rain forest: W, S, P, K.
- Maytenus* sp., *soutoemeti-oedoe* (10967). Rain forest: K, B.



## CHRYSOBALANACEAE

- Couepia cognata* (Steud.) Fritsch, *savanne-kwepi*. Rain forest: S. Savanna forest: W, S, K.
- Couepia guianensis* Aubl., *hoogland-anaura* (10880, 11064). Rain forest: W, S, P, K. Savanna forest: S, P, K.
- Exellodendron barbatum* (Ducke) Prance, *rode kwepi* (10852). Rain forest: S, B.
- Licania apetala* (E. Mey.) Fritsch, *kwepi* (10728). Rain forest: W, S, P, K, B. Savanna forest: K.
- Licania divaricata* Bth., *savanne-anaura*. Rain and savanna forest: W.
- Licania micrantha* Miq., *grootbladige zwarte foengoe* (10830). Rain forest: S, P, K, B. Savanna forest: S, P, K.
- Licania ovalifolia* Kleinh., *santi-oedoe*. Rain forest: W, P, B.
- Licania stricta* Kleinh., *kleinbladige zwarte foengoe* (10811, 11001). Rain forest: S, P, K, B. Savanna forest: S, P, K.
- Licania* spp., *zwarte foengoe*. Rain and savanna forest: W.
- Parinari campestris* Aubl., *rode foengoe*. Rain forest: W, S, P, K. Savanna forest: K.

## COMBRETACEAE

- Buchenavia capitata* (Vahl) Eichl., *djindja-oedoe*. Rain forest: S, B.
- Terminalia amazonia* (J. F. Gmel.) Exell, *kalebashout* (10834). Rain forest: W, S, B.
- Terminalia dichotoma* G. F. W. Mey. *bosamandel*. Rain forest: P.

## DICHAPETALACEAE

- Tapura guianensis* Aubl., *pakira-tiki*. Rain forest: P, K.

## EBENACEAE

- Diospyros* spp., *blaka-oema*. Rain forest: W, S, P, K. Among others: *D. guianensis* (Aubl.) Gürke (10816) and *D. lissocarpoides* Sandw. (10713).

## ELAEOCARPACEAE

- Sloanea eichleri* K. Sch. and/or *S. grandiflora* J. E. Smith, *rafroe-njannjan*. Rain forest: W, S, P. Savanna forest: W.
- bos-koesowé*, *Sloanea grandiflora* J. E. Smith (10944) or *Aparisthium cordatum* (Juss.) Baill. (Euph.). Rain forest: W, K, B.

## EUPHORBIACEAE

- Alchornea triplinervia* (Spreng.) Müll. Arg. var. *laevigata* Müll. Arg., *manbébé* (10726). Rain forest: S, P.
- Chaetocarpus schomburgkianus* (O. Ktze.) Pax & K. Hoffm., *fomang* (11063). Rain forest: W, S, P, K, B. Savanna forest: K.
- Conceveiba guianensis* Aubl., *hoogland-panta* (10848). Rain forest: S, P, K, B. Savanna forest: S.

*Drypetes variabilis* Uitt., *witte foengoe*. Rain forest: W, S, P, K, B. Savanna forest: P.

*Hyeronima laxiflora* (Tul.) Müll. Arg., *ajo-ajo*. Rain forest: W, S, P.

*Maprounea guianensis* Aubl., *pikin-tiki* (10729). Rain forest: W, S, P.

*Margaritaria nobilis* L. f. (10972), Rain forest: B.

*Sagotia racemosa* Baill. (10814). Rain forest: S.

*Sapium* spp., *gomhout*. Rain forest: W, K, B.

*bos-koesoewé*, *Aparisthmium cordatum* (Juss.) Baill. or *Sloanea grandiflora* J. E. Smith (Elaeoc.) (10944). Rain forest: W, K, B.

*koto-tiki*, *Mabea piriri* Augl. (10773) or *Simaba cedron* Planch. (Sim.) (10702). Rain forest: W, S, P, B. Savanna forest: W, S.

### FLACOURTIACEAE

*Carpotroche surinamensis* Uitt. (10968). Rain forest: B.

*Casearia javitensis* H. B. K., *oema-oedoe*. Rain forest: W, P, B.

*Casearia macrophylla* Vahl (10727). Rain forest: W, S.

*Laetia procera* (P. & E.) Eichl., *pinto-kopi*. Rain forest: W, K,

*redi-oedoe*, *Casearia arborea* (L. C. Rich.) Urb. or *Touroulia guianensis* Aubl. (Quiin.). Rain forest: W.

### GUTTIFERAE

*Caraipa densifolia* Mart., *laksiri* (11062). Rain forest: P, K.

*Clusia fockeana* Miq., *savanne-mangro* (10862). Savanna forest: S.

*Rheedia benthamiana* Tr. & Pl., *hoogland-pakoeli* (10847). Rain forest: S, P, K.

*Symphonia globulifera* L. f., *mataki*. Rain forest: S.

*Tovomita* spp., *bosmangro*. Rain forest: W, S, P. Savanna forest: K.

Among others: *T. carinata* Eyma (10721) and *T. choisyana* Tr. & Pl. (10712).

*Vismia* sp., *man-pinja*. Rain forest: K.

*pakoeli*, *Rheedia* sp. or *Platonia* sp. Rain forest: W, S, B.

### HUMIRIACEAE

*Humiria balsamifera* (Aubl.) St. Hil., *meri*. Rain forest: S, K. Savanna forest: K.

*Humiria* sp., *granboesi-meri*. Rain forest: S.

*Sacoglottis* aff. *cydonioides* Cuatrec., *zwarte bofro-eoedoe* (11011). Rain forest: P, K.

*Sacoglottis* sp., *bofro-eoedoe*. Rain forest: W.

### ICACINACEAE

*Dendrobangia boliviana* Rusby, *rode jakanta*. Rain forest: W, S.

*Poraqueiba guianensis* Aubl., *zwarte jakanta*. Rain forest: W.

### LACISTEMACEAE

*Lacistema grandifolium* Schnizl., *jakanta* (10772). Rain forest: S.

## LAURACEAE

- \* *Aiouea demerarensis* Kosterm. (10875). Rain forest: S.  
*Aniba hostmanniana* (Nees) Mez, *hoogland-waikarapisi* (10840). Rain forest: S.  
*Licaria canella* (Meissn.) Kosterm. or *L. cayennensis* (Meissn.) Kosterm., *kaneelhout*. Rain forest: S.  
*Licaria wilhelminensis* C. K. Allen (10896). Rain forest: B.  
*Licaria* sp., *kaneelpisi* (10851). Rain forest: P, K.  
*Ocotea glomerata* (Nees) Mez, *kleinbladige zwarte pisi* (10798). Rain forest: S, P, K, B.  
*Ocotea rodiaei* (Rob. Schomb.) Mez, *demerara-groenhart* (10823). Rain forest: S.  
*Ocotea schomburgkiana* (Nees) Bth. & Hook. f., *savanne-pisi* (10701). Rain forest: W. Savanna forest: W, S.  
? *Ocotea* sp., *witte pisi*. Rain forest: K.  
?, *kraspisi* (10725). Rain forest: P, K, B. Savanna forest: P.  
*pisi*, *Licania vernicosa* (Mez) Kosterm. (10774) and *Ocotea oblonga* (Meissn.) Mez (10722), and Lauracea sp. (10731). Rain forest: W, S.  
?, *wanapisi* (10822). Rain forest: S, P. Savanna forest: S.

## LECYTHIDACEAE

- Couratari* spp., *ingi-pipa*. Rain forest: W, S, P, B.  
*Eschweilera collina* Eyma, *bergi-oemabarklak* (10898). Rain forest: B.  
*Eschweilera corrugata* (Poit.) Miers, *oemabarklak* (10838). Rain forest: W, S, P. Savanna forest: W, S, P, K, B.  
*Eschweilera odora* (Poepp.) Miers, *bergi-manbarklak* (10953). Rain forest: P, B.  
*Eschweilera poiteaui* (Berg) Ndz., *gelebast tété-oedoe*. Rain forest: S, P, B.  
*Eschweilera subglandulosa* (Steud.) Miers, *manbarklak* (10854). Rain forest: W, S, P, K, B.  
*Eschweilera* sp., *hoogland-manbarklak* (10833). Rain forest: W, S, B.  
*Eschweilera* sp., *tété-oedoe* (10955). Rain forest: S, P, B.  
*Gustavia angusta* Alm sensu Berg, *konkoni-oedoe* (11061). Rain forest: K.  
*Gustavia hexapetala* (Aubl.) J. E. Smith, *hoogland-konkoni-oedoe* (10784). Rain forest: W, S, P, B. Savanna forest: S.  
*Lecythis davisii* Sandw., *kwatapatoe*. Rain forest: W, S, P.

## LINACEAE

- Hebepetalum humiriifolium* (Planch.) Bth., *gelebast jakanta* (10846), *tapira-oedoe*, *pakira-oedoe*. Rain forest: W, S, K, B. Savanna forest: K.

## LOGANIACEAE

- Antonia ovata* Pohl, *lika-oedoe*. Rain forest: W, K. Savanna forest: K.

## MALPIGHIACEAE

- Byrsonima aerugo* Sagot, *lontoe-kasi* (10946). Rain forest: B. Savanna forest: K.

## MELASTOMATACEAE

- Miconia multispicata* Naud., *kleinbladige mispel* (11014). Rain forest: P.  
*Mouriria* aff. *brevipes* Hook., "ijzerhart" (10808). Rain forest: S.  
*Mouriria crassifolia* Sagot, *spriki-oedoe* (10805). Rain forest: W, S, P, K, B.  
*Mouriria* sp., *topi*. Rain forest: S.  
 ?, *mispel*. Rain forest: W.

## MELIACEAE

- Carapa guianensis* Aubl., *krapa*. Rain forest: W, S, P, K, B.  
*Cedrela odorata* L., *ceder*. Rain forest: K.  
*Guarea grandifolia* C. DC. (10717). Rain forest: W.  
*Guarea kunthiana* A. Juss., *zwarte doifisiri* (10724, 11024). Rain forest:  
 W, P, K, B.  
*Guarea* spp., *rode doifisiri*. Rain forest: W, S, P, K, B. Among others:  
*G. gomma* Pulle (11025) and *G. davisii* Sandw. or *G. richardiana* A.  
 Juss. (10796).  
 \* *Trichilia* cf. *leucastera* Sandw., "tingimoni" (10841). Rain forest: S.  
*Trichilia propinqua* (Miq.) C. DC., *meli-sali* (11022). Rain forest: W, P, K.  
*Trichilia roraimana* C. DC., *soro-sali* (11046). Rain forest: K.

## MIMOSACEAE

- Inga* spp., *switi boontje*. Rain forest: W, S, P, K, B. Savanna forest:  
 W, S, P. Among others: *I. acrocephala* Steud. (10826), *I. heterophylla*  
 Miq. (10831), *I. thibaudiana* DC. (10828).  
*Inga* spp., *prokoni*. Rain forest: W, S, P, K. Savanna forest: P. Among  
 others: *I. marginata* Willd. (10849).  
*Parkia nitida* Miq., *agro-bigi*. Rain and savanna forest: K.  
*Parkia pendula* (Willd.) Bth. or *P. ulei* (Harms) Kuhlm. var. *surinamensis*  
 Kleinh., *kwatakama*. Rain forest: K.  
*Piptadenia suaveolens* Miq., *pikin-misiki*, Rain forest: S, P, K. Savanna  
 forest: K.  
*Pithecellobium pedicellare* (DC.) Bth., *bostamarinde* (10806), *witte djedoe*  
 (10850). Rain forest: S, P, K, B.  
*Stryphnodendron polystachyum* (Miq.) Kleinh. (10783, 11048). Rain forest:  
 S, K.  
*sopo-oedoe*, *Pithecellobium jupunba* (Willd.) Urb., *Caryocar glabrum*  
 (Aubl.) Pers., or *C. microcarpum* Ducke (Caryoc.). Rain forest: W, S, P, K.  
*tamaren--prokoni*, *Enterolobium schomburgkii* Bth. or *Pithecellobium*  
*pedicellare* (DC.) Bth. Rain forest: S, K, B.

## MONIMIACEAE

- Siparuna decipiens* A. DC., "njamsi-oedoe" (10827). Rain forest: S.  
*Siparuna guianensis* Aubl., *jara-kopi* (11028). Rain forest: P.

## MORACEAE

- Bagassa tiliifolia* R. Ben., *kaw-oedoe*. Rain forest: P.  
*Brosimum paraëse* Hub., *satiijnhout* (11016). Rain forest: P, K.  
*Brosimum parinarioides* Ducke, *doekali* (10952). Rain forest: S, B.  
*Cecropia sciadophylla* Mart., *man-bospapaja*. Rain forest: K.  
*Cecropia surinamensis* Miq., *bospapaja*. Rain forest: S, P, K, B.  
*Pourouma* spp., *granboesi-papaja*. Rain forest: W, S, P, K, B. Among others: *P. laevis* R. Ben. (11017) and *P. minor* R. Ben. (11027).  
*Pourouma* sp., *boroma*. Rain forest: P, K.  
*Trymatococcus amazonicus* P. & E., *oli-oedoe* (10832). Rain forest: W, S, K.  
*letterhout*, *Brosimum guianense* (Aubl.) Hub. (10810, 10992) and Moraceae spp. Rain forest: W, S, P, K, B. Savanna forest: P.  
*manletter*, *Helicostylis tomentosa* (P. & E.) Rusby (10963), *Maquira guianensis* Aubl. (10795), and Moraceae spp. Rain forest: W, S, P, K, B.

## MYRISTICACEAE

- Iryanthera hostmannii* (Bth.) Warb. or *I. paraënsis* Hub., *srebébé*. Rain forest: W, S, K.  
*Iryanthera sagotiana* (Bth.) Warb., *broedoe-oedoe*. Rain forest: P. Savanna forest: W.  
*Viola melinonii* (R. Ben.) A. C. Smith, *hoogland-baboen*. Rain forest: W, S, P, K, B. Savanna forest: K.  
*Viola sebifera* Aubl., *pintri*. Rain forest: S, P, B. Savanna forest: K.  
*Viola surinamensis* (Rol.) Warb., *laagland-baboen*. Rain forest: P.

## MYRSINACEAE

- Conomorpha magnoliifolia* Mez (10739). Savanna forest: W.

## MYRTACEAE

- Calycolpus revolutus* (Schauer) Berg, *witte bosgujave* (10807). Rain forest: S, P, K. Savanna forest: S.  
*Eugenia cupulata* Amsh. (11047). Rain forest: K.  
*Eugenia pseudopsidium* Jacq. (10890). Rain forest: B.  
*Eugenia* sp., *bosgujave* (10966). Rain forest: B.  
*Eugenia* sp., "*rode bofroe-oedoe*" (11013). Rain forest: P.  
*Eugenia* spp., *boskers*. Rain forest: W, B. Among others: *E. aff. patrisii* Vahl (10716).  
*Myrcia aff. leptoclada* DC., *rode bosgujave* (10803). Rain forest: S, B. Savanna forest: S.  
*Myrciaria floribunda* (Willd.) Berg, *kleinbladige bosgujave* (10836). Rain forest: S.  
 ?, "*apra-oedoe*" (10941). Rain forest: B.  
 ?, *bosgujave* (10965). Rain forest: B.  
 ?, *bosgujave*. Rain forest: W.  
 ?, *zwarte bosgujave*. Savanna forest: S.

## NYCTAGINACEAE

*Guapira* sp., *prasara-oedoe* (10943). Rain forest: P, K, B. Savanna forest: S.

*Guapira* sp., *kleinbladige njamsi-oedoe*. Rain forest: W, S, P, K, B.

## OLACACEAE

*Minquartia guianensis* Aubl., *alata-oedoe*. Rain forest: W, S, P, B. Savanna forest: W, S.

*patakoe-wana*, *Chaunochiton kappleri* (Sagot) Ducke or *Laplacea fruticosa* (Schrad.) Kobuski (Theac.). Rain forest: W, S, P, B. Savanna forest: S.

## OPILIACEAE

*Agonandra silvatica* Ducke, *kleinbladige kromanti-kopi* (10947). Rain forest: W, P, K, B.

## PALMAE

*Astrocaryum* vs. *jauari* Mart., *awara*. Rain forest: W, K.

*Astrocaryum sciophilum* (Miq.) Pulle, *boegro-e-maka*. Rain forest: W, S, P, K, B. Savanna forest: W, S, P.

*Attalea maripa* (Correa de Serra) Mart., *maripa*. Rain forest: W, S, P, K, B. Savanna forest: K.

*Attalea sagotii* (Trail ex Im Thurn) W. Boer, *bergi-maripa*. Rain and savanna forest: W.

*Bactris* vs. *humilis* Wallace, *nanai-maka*. Rain forest: W, S, P, K, B. Savanna forest: W, S, K.

*Bactris* vs. *monticola* Barb. Rodr. *kiskis-maka*. Rain forest: W, P.

*Euterpe oleracea* Mart., *pina*. Rain forest: W, S, P, K.

*Geonoma* vs. *baculifera* (Poiteau) Kunth. Rain forest: W, S, P, K. Savanna forest: K.

*Geonoma maxima* (Poiteau) Kunth, *hoogland-tas*. Rain and savanna forest: K.

*Iriartea exorrhiza* Mart., *ingi-prasara*. Rain forest: W, P, K. Savanna forest: W.

*Oenocarpus bacaba* Mart., *koemboe*. Rain forest: W, S, P, K. Savanna forest: W, S, K.

## PAPILIONACEAE

*Clathrotropis brachypetala* (Tul.) Kleinh., *aroemata*. Rain forest: S, P, K, B.

*Crudia glaberrima* (Steud.) Macbr., "walaba" (10942). Rain forest: B.

*Dicorynia guianensis* Amsh., *basralokus* (11054). Rain forest and savanna forest: K.

*Dimorphandra conjugata* (Splitg.) Sandw., *dakama*. Savanna forest: W.

*Dimorphandra pullei* Amsh., *pesi-oedoe* (11052). Rain forest: K.

*Diplostropis purpurea* (Rich.) Amsh., *zwarte kabes* (11015). Rain forest: W, S, P, K, B.

*Dipteryx odorata* (Aubl.) Willd., *tonka* (11019). Rain forest: W, S, P, B.

*Eperua falcata* Aubl., *walaba*. Rain forest: W, S, P, B, K. Savanna forest: W, S.

\* ? *Exostyles* sp. (10956). Rain forest: B.

*Hymenaea courbaril* L., *rode lokus*. Rain forest: W.

*Hymenolobium flavum* Kleinh., *maka-kabes* (11010). Rain forest: P, K.

*Hymenolobium* aff. *flavum* Kleinh., *rode kabes* (10714). Rain forest: W, K.

? *Hymenolobium* sp., *jongo-kabes*. Rain forest: P.

\* *Lecointea amazonica* Ducke (10971). Rain forest: B.

*Martiodendron parviflorum* (Amsh.) Koeppen, *bosmahoni* or *pintolokus* (10887). Rain forest: W, P, B.

*Mora excelsa* Bth., *mora*. Savanna forest: S.

*Mora gonggrijpii* (Kleinh.) Sandw., *moraboekea*. Rain forest: S, P, K. Savanna forest: S.

*Ormosia coccinea* Jacks., *hoogland-kokriki*. Rain forest: W, P, B. Savanna forest: P.

*Peltogyne pubescens* Bth. or *P. venosa* (Vahl) Bth., *purperhart*. Rain forest: W, P, K, B. Savanna forest: S.

*Pterocarpus officinalis* Jacq., *watra-bébé*. Rain forest: W.

*Pterocarpus* sp., *hoogland-bébé*. Rain forest: P, B.

*Sclerolobium albiflorum* R. Ben., *rode djedoe* (11030). Rain forest: P, K.

*Sclerolobium micropetalum* Ducke, *zwarte djedoe*. Rain forest: P. Savanna forest: K.

*Swartzia arborescens* (Aubl.) Pittier, *alanja-oedoe*. Rain forest: W, S, P, K.

*Swartzia bannia* Sandw., *savanne-ijzerhart*. Savanna forest: W, S.

*Swartzia benthamiana* Miq. var. *benthamiana*, *bergi-bébé* (10950). Rain forest: B.

*Swartzia panacoco* (Aubl.) Cowan var. *polyanthera* (Steud.) Cowan, *gandoe*. Rain forest: W, S, P, K, B. Savanna forest: W, S, P.

*Swartzia* spp., *boegoe-boegoe*. Rain forest: P, K, B. Savanna forest: K. Among others: *S. schomburgkii* Bth. var. *schomburgkii* (10951) and *S. spec.* (10904).

*Swartzia* sp., *ijzerhart* (10771). Rain forest: S, P, B.

*Sweetia nitens* (Vog.) Bth., *watra-grin*. Rain forest: K.

*gele kabes*, *Vatairea guianensis* Aubl. or *Vataireopsis speciosa* Ducke. Rain forest: S.

?, *nekoe-oedoe*. Rain forest: W, S.

*watra-biri*, *Crudia* sp. or *Macrolobium* sp. Rain forest: K.

## QUIINACEAE

*redi-oedoe*, *Touroulia guianensis* Aubl. or *Casearia arborea* (L. C. Rich.) Urb. (Flac.). Rain forest: W.

## RHABDODENDRACEAE

*Rhabdodendron amazonicum* (Bth.) Hub. (10694). Rain forest: W, S, P. Savanna forest: S, P.

## RUBIACEAE

*Capirona surinamensis* Brem., *moetene*. Rain forest: S, K.

*Duroia aquatica* (Aubl.) Brem., *grootbladige marmeldoos* (10782). Rain forest: S.

*Duroia eriopila* L. f., *kleinbladige marmeldoos* (Maas 3267). Rain forest: S.

*Guettarda acreana* Krause, *grijze bosgujave* (10957). Rain forest: P, B.

*Palicourea guianensis* Aubl., *panga-panga* (11008). Rain forest: S, P.  
*marmeldoos*, *Amajoua* sp. or *Duoia* sp. Rain forest: W, S, P, B. Savanna forest: W, S.

*sinja-oedoe*, *Chimarrhis* sp. or *Duroia* sp. Rain forest: S, P.

## RUTACEAE

\* *Cusparia silvestris* (St. Hil.) Engl. (10888). Rain forest: B.

*Fagara pentandra* Aubl., *priti-jari*. Rain forest: B.

\* *Galipea* cf. *pubiflora* A. C. Smith (10889). Rain forest: B.

## SAPINDACEAE

*Cupania hirsuta* Radlk., *harige gawetri*. Rain forest: S.

*Cupania scrobiculata* L. C. Rich., *witte gawetri* (10754). Rain forest: W, S, P, B.

*Matayba opaca* Radlk., *zwarte gawetri* (10829). Rain forest: W, S, P, K, B.  
Savanna forest: W, S.

*Talisia* sp., *kraskras-tiki*. Rain forest: W.

*Toulicia pulvinata* Radlk., *mankrapa* (10732, 10883). Rain forest: W, S, P, K, B. Savanna forest: W, S.

\* *Toulicia* sp. nov. (10818). Rain forest: W, S.

? (10695). Rain forest: W, S.

## SAPOTACEAE

*Ecclinusa guianensis* Eyma, *batambali* (10958). Rain forest: K, B.

*Ecclinusa cuneifolia* (Rudge) Aubrév., *kwata-bobi* (10720). Rain forest: W, P, K, B.

*Ecclinusa* sp., *djoe-bolletri* (10954). Rain forest: B.

*Manilkara bidentata* (A. DC.) Chev., *bolletri*. Rain forest: W, S, P, K, B.  
Savanna forest: K.

*Micropholis guianensis* (A. DC.) Pierre, *wit riemhout*. Rain forest: K.

*Micropholis venulosa* (Mart. & Eichl.) Pierre (11051). Rain forest: K.

*Pouteria dura* Eyma, *pinto-bortri* (10802). Rain forest: S.

*Pouteria* spp., *apra-oedoe*. Rain forest: W, S, P, K, B. Savanna forest: W, S. Among others: *P. dura* Eyma (11012), *P. melanopoda* Eyma (10882), and *P. minutiflora* (Britt.) Sandw. (10804).

*Pouteria* sp., *witte jamboka* (10970). Rain forest: B. Savanna forest: P.

*Pouteria* sp., *rode jamboka*. Rain forest: S.

*Pouteria* sp., *zwarte jamboka*. Rain forest: S, P, K, B. Savanna forest: S.  
Among others: *P. cf. hispida* Eyma (10835) and *P. spec.* (10964).



*Pouteria* sp., *kimboto* (10945). Rain forest: P, B.

Sapotaceae spp., *jamboka*. Rain forest: W.

*zwart riemhout*, *Micropholis* aff. *egensis* (A. DC.) Pierre (10948) and *Pouteria engleri* Eyma (10733). Rain forest: W, S, P, K, B. Savanna forest: W, S.

#### SIMAROUBACEAE

*Simarouba amara* Aubl., *soemaroeba*. Rain forest: W, S, P, B. Savanna forest: W.

*koto-tiki*, *Simaba cedron* Planch. (10702) or *Mabea piriri* Aubl. (Euph.) (10773). Rain forest: W, S, P, B. Savanna forest: W, S.

#### STERCULIACEAE

*Sterculia* sp., *okro-oedoe*. Rain forest: W, S, P, K, B. Savanna forest: S, K.

#### THEACEAE

*Ternstroemia delicatula* Choisy (10800, 10801). Rain forest: S.

*patakoe-wana*, *Laplacea fruticosa* (Schrad.) Kobuski or *Chaunochiton kappleri* (Sagot) Ducke (Olac.). Rain forest: W, S, P, B. Savanna forest: S.

#### TILIACEAE

*Apeiba tibourbou* Aubl., *fokofoko-oedoe*, *kankan-oedoe* (10902). Rain forest: S, P, K, B.

*Luehopsis flavescens* (Uitt.) Burr., *katoenhout* (10853, 11018). Rain forest: W, S, P.

#### ULMACEAE

*Ampelocera edentula* Kuhl., *kwaskwas-oedoe*. Rain forest: S, P.

#### VIOLACEAE

*Leonia glycyarpa* R. & P., *taja-oedoe* (10718, 11032). Rain forest: W, S, P, K, B.

*Rinorea* spp., *lele-tiki*. Rain forest: P, B. Among others: *R. cf. brevipes* (Bth.) Blake (10899, 10969), *R. riana* (DC.) O. Ktze. (10897).

#### VOCHYSIACEAE

*Qualea albiflora* Warm., *hoogland-gronfoloe*. Rain forest: W, S, P, K, B.

*Qualea dinizii* Ducke, *gujave-kwari*. Rain forest: P, K, B.

*Vochysia densiflora* Spruce ex. Warm., *apra-kwari*. Rain forest: P.

*Vochysia guianensis* Aubl., *wiswis-kwari* (10821). Rain forest: W, S.

*Vochysia tetraphylla* (G. F. W. Mey.) DC., *watra-kwari*. Rain forest: K.

*Vochysia tomentosa* (G. F. W. Mey.) DC., *wana-kwari*. Rain forest: K.

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