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Annotated catalogue of the flowering plants of São Tomé and Príncipe

E. FIGUEIREDO*, J. PAIVA**, T. STÉVART***, F. OLIVEIRA• and G.F. SMITH+

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ABSTRACT

A catalogue of the flowering plants of the islands of São Tomé and Príncipe (Gulf of Guinea) is presented. Flowering plant diversity figures are updated to: 135 families (20 introduced), 624 genera (172 introduced), 1 104 species (301 introduced) plus 15 additional infraspecific taxa. At present 119 taxa (107 species and 12 infraspecific taxa) are known to be endemic to the two islands. The catalogue includes accepted names, synonyms used in recent literature, common names, voucher specimens and information on habit and habitat and on plant uses, particularly medicinally.

INTRODUCTION

The islands São Tomé and Príncipe (STP) are part of an archipelago of four islands situated in the Gulf of Guinea. These islands resulted from volcanic activity along a NE-SW line of fractures that extends from Mounts Kupe and Manenguba in Cameroun, stretching southward towards St Helena. S.Tomé and Príncipe form a political entity, whereas the two other islands, Bioko and Annobon, are part of Equatorial Guinea. Bioko lies on the continental shelf, and is separated from the mainland by a stretch of water that is less than 100 m deep, but the other three islands apparently have an oceanic origin and are generally thought to have never been linked to the continent (e.g. Exell 1944, 1956). Bioko's flora is similar to that of the neighbouring continent; it has a higher diversity of Angiosperms than those of the other three islands, but lower levels of endemism. Annobon is the furthest away from the mainland. Its flora has characteristics of that of an oceanic island (Exell 1973).

The first studies of the flora of S.Tomé and Príncipe were undertaken at the University of Coimbra, Portugal, by J. Henriques (1838–1928), who based his work on the collections made during the 19th century by A. Moller (1842–1920) and F. Quintas (birth and death dates unknown, collected in 1885–1893). In 1932, A. Exell (1901–1993) visited the four islands in the Gulf of Guinea as part of a four-month expedition, collecting extensively. Resulting from this collecting trip, he eventually published the *Catalogue of the vascular plants of S.Tomé* (Exell 1944), in which 17 new species were described and several new records noted. In the ensuing years, Exell published papers (e.g. Exell & Rozeira 1958) and a supplement to the catalogue (Exell 1956), and finally produced a preliminary checklist, *Angiosperms of the islands of the Gulf of Guinea* (Exell 1973). Other relevant botanists who collected on these islands were A. Chevalier (1873–1956) in 1905, T. Monod (1902–2000) in 1956 and J. Espírito Santo (1901–unknown) in the 1960s–70s.

After a period of 20 years, the interest in the flora of these islands was rekindled through the European-funded ECOFAC project (www.ecofac.org), as well as by research on medicinal plants. Extensive collecting was done over the last 10 years by Santomean, Belgian and Portuguese collectors. Several studies were published on the flora of the islands (see Figueiredo 1994a for a comprehensive botanical bibliography), but the only published plant diversity list remains Exell's preliminary checklist (1973) which was a simple list of names without vouchers or further information.

Numerous new collections were made over the past 20 years, and it is now possible to improve Exell's list considerably. In this new catalogue we include common names, habit and habitat, medicinal uses and information on the ornamental or food value of the taxa. Recent trends to interlink plant diversity studies, such as conducting comprehensive surveys of useful plants, have resulted in a fresh appreciation for the considerable value of herbaria as untapped data sources. There has also been a resurgence in an appreciation for common names as an important source of information for plant uses. The reliability of such information increases exponentially if the names can be linked to specimens, given that such vouchered anecdotes can be verified by future researchers. In addition, common names represent an important, but sadly vanishing, component of the culture of a country and its peoples. In this paper we create the critically important link between voucher specimens, scientific names in current use, common names, and uses of the plants.

Phytogeography

The island of S.Tomé in particular, has floristic elements that are remarkable in the context of African phy-

* Department of Botany, Nelson Mandela Metropolitan University, P.O. Box 77000, Port Elizabeth 6031 / Centre for Functional Ecology, Department of Life Sciences, University of Coimbra, 3001-455 Coimbra, Portugal.
** Centre for Functional Ecology, Department of Life Sciences, University of Coimbra, 3001-455 Coimbra, Portugal.
*** Missouri Botanical Garden, Africa & Madagascar Department, P.O. Box 299, 63166–0299, St Louis, Missouri, USA / Herbarium et Bibliothèque de Botanique africaine, Université Libre de Bruxelles - ULB, 50 Av. F. Roosevelt, CP 169, 1050 Bruxelles, Belgium; National Botanic Garden of Belgium, Domein van Bouchout, Nieuwelaan 38, B-1860 Meise, Belgium.
• Herbário Nacional de São Tomé, Jardin Botânico de Bom Sucesso, São Tomé e Príncipe.
+ Research and Scientific Services, South African National Biodiversity Institute, Private Bag X101, Pretoria 0001 / Acocks Chair, Schweickerdt Herbarium, Department of Botany, University of Pretoria, Pretoria 0002.
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togeography. In this regard, disjunctions of afromontane taxa are particularly striking. For example, *Melchiora mannii* (Oliv.) Kobuski, which is endemic to S.Tomé, is closely related to a species occurring in the eastern parts of the Democratic Republic of Congo (DRC) and on the Usambara and Uluguru Mountains. More than 2 000 km separate these two species. *Afrocarpus mannii* (Hook.f.) C.N.Page, an endemic of the summit of S.Tomé, is another well-known example of a wide disjunction. Its nearest relative, *Afrocarpus usambarensis* (Pilg) C.N.Page, occurs in eastern Africa. The same type of disjunction is also found in some lowland forest taxa, such as *Lasiodiscus mildbraedii* Engl. This species is distributed in the eastern DRC and, at much lower altitudes, in S.Tomé, in remnants of the lowland forest. A single specimen was also collected in Cameroun.

Narrow afromontane palaeoendemics are probably remnants of species which were much more widespread during cooler climatic periods, becoming restricted to mountains during warmer periods. When the climate became colder allowing afromontane taxa to extend to lower altitude, several lowland species became confined to refuges that retained suitable environmental conditions. They may have survived on the island where adverse conditions were ameliorated by the effect of a milder oceanic climate. Exell (1944) suggested that S.Tomé might be of a different 'botanical age' in relation to the other islands in the archipelago, as well as Mount Cameroun, which would explain the confinement of several taxa to that island and their absence from the other mountains on the mainland. He hypothesized that although these mountains might be of the same geological age, S.Tomé might have been the first to become available for colonization and it would contain elements (palaeoendemics) of an older flora which was already confined to refuges when the other local mountains became available for colonization.

Vegetation

When the islands of S.Tomé and Príncipe were discovered by Portuguese sailors in 1471–1472, they were uninhabited and totally covered with dense tropical rainforest. The occupation of the islands took place in 1486 and with it the establishment of farms (*roças*), initially for the production of sugar cane, later for cocoa and coffee. These had, and still have, a profound impact on the vegetation of the islands. Deforestation was particularly high during the 19th century, when the lowland forests, up to an altitude of ± 1 500 m were almost completely replaced with plantations, with a few original trees kept for shade. When, at the end of the 16th century, sugar cane production was stopped, there was a regeneration of part of the vegetation, giving rise to large patches of secondary vegetation. Several classifications exist for the vegetation of the island of S.Tomé, but the most commonly used one is that of Monod (1960) who divided the island into four regions based on characteristic species. The littoral region includes dunes [with *Ipomoea pes-caprae* (L.) R.Br. subsp. *brasiliensis* (L.) Ooststr., *Canavalia rosea* (Sw.) DC., *Cynodon dactylon* (L.) Pers. and *Sporobolus virginicus* (L.) Kunth] and mangroves (with *Rhizophora harrisonii* Leechm., *Acrostichum aureum* L. and *Pandanus thomensis* Henriq.).

The next region, extending to an altitude of 800 m includes the lowland rainforest that was mostly replaced with cocoa plantations. In the north of the island where rainfall is much lower, there are anthropogenic savannas characterized by grasses and legumes. At an altitude of 800–1 400 m, the mountain rainforest is dominated by Rubiaceae and Euphorbiaceae and many epiphytes, particularly orchids. Among the numerous endemics characteristic of this area, are several trees such as *Trichilia grandifolia* Oliv., *Craterispermum montanum* Hiern, *Tabernaemontana stenosiphon* Stapf, *Erythrococca molleri* (Pax) Prain and *Discoclaoxylon occidentale* (Müll.Arg.) Pax & K.Hoffm., and the lianas *Mussaenda tenuiflora* Benth. var. *thomensis* G.Taylor, *Sabicea exellii* G.Taylor and *Ecpoma cauliflora* (Hiern) N.Hallé. The undergrowth is home to species of *Begonia* L. and *Peperomia* Ruíz & Pav., and the very common *Psychotria subobliqua* Hiern and *Calvoa crassinoda* Hook.f.

Above 1 400 m and up to the summit of the island (2 024 m), a mist forest is encountered with the endemic trees *Afrocarpus mannii*, *Melchiora mannii*, *Psychotria guerkeana* K.Schum., *P. nubicola* G.Taylor, and *Peddiea thomensis* Exell occurring. Under the canopy species of *Begonia* and *Tristemma* Juss., *Anthocleista scandens* Hook.f., *Pilea manniana* Wedd. and *P. rivularis* Wedd. are found in numbers. The presence of *Erica thomensis* (Henriq.) Dorr & E.G.H.Oliv. and *Lobelia barnsii* Exell at a higher altitude indicates a tendency towards a mountain grassland. The area of Lagoa Amélia (at ± 1 430 m) has been well collected and its plant diversity is well known. For example, this small area of ± 4 km² has 55 taxa of pteridophytes. The Lagoa (= lake) is the crater of an ancient volcano. It is now a bog surrounded by tree ferns (*Alsophila manniana* (Hook.) R.M.Tryon) and giant begonias (*Begonia crateris* Exell). The bog itself is populated by ferns such as *Nephrolepis cordifolia* (L.) C.Presl var. *pumicicola* (F.Ballard) Hovenkamp & Miyam. (typical of lava-derived soils), *Lycopodiella cernua* (L.) Pic.-Serm. and *Lepisorus excavatus* (Bory ex Willd.) Ching.

The vegetation of Príncipe is similar to that of S.Tomé, with a predominance of representatives of the families Rubiaceae, Euphorbiaceae and Orchidaceae, and a scarcity of Fabaceae taxa. Mangroves also occur there, but savannas are absent. Being an island of much lower altitude (948 m), the forest resembles the low altitude forest in S.Tomé, but the ridges at low altitude tend to show some characteristics of formations that are only found at much higher altitude in S.Tomé. Submontane forest is only recorded on the summit of the island, the Pico do Príncipe.

Diversity

The flora of S.Tomé and Príncipe has a high diversity and endemism. This issue has been previously covered in the literature (e.g. Figueiredo 1994b). The present work updates the figures of flowering plant diversity to: 135 families (29 introduced), 624 genera (172 introduced), 1 104 species (301 introduced) plus 15 additional infraspecific taxa. At present, 119 taxa (107 species and 12 infraspecific taxa) are known to be endemic to the two islands.

There is only one native gymnosperm in STP, *Afrocarpus mannii* (Hook.) C.N.Page, a species endemic to S.Tomé which is widely planted as an ornamental tree. However, it is rare in the wild where it occurs only at high altitudes. The predominant families in the flora of STP are the Orchidaceae, Rubiaceae and Euphorbiaceae. Together they account for more than half the number of endemic taxa. *Polystachya* Hook. (Orchidaceae) and *Psychotria* L. (Rubiaceae) have the highest levels of endemism. In the remaining families, the endemism of taxa of the genus *Begonia* (Begoniaceae) is noteworthy, particularly that of the gigantic species *B. baccata* Hook.f. and *B. crateris*, which can reach a height of 4 m. Endemic species of *Impatiens* L. (Balsaminaceae) and *Calvoa* Hook.f. (Melastomataceae) are also noteworthy for the ornamental value of their flowers. The pteridophytes are particularly diverse and plentiful in the flora of S.Tomé and Príncipe, with 157 species and 13 endemics. This group has been recently revised (Figueiredo 1998, 2000, 2001, 2002a; Figueiredo & Gascoigne 2001).

MATERIAL AND METHODS

The collections cited in this catalogue are those of the authors and other recent collectors such as J. Lejoly, S.P. Carvalho, G. Joffroy and G.C. Matos. Only recent collections (from 1990 or later) are cited. Most of the recent collections from the islands are deposited at COI (Paiva, Madureira & Martins), LISC (Carvalho, Figueiredo, Matos) and BRLU (Joffroy, Lejoly, Stévart). The national herbarium in S.Tomé (STPH) has duplicates or the first set of many of the recent collections. Herbarium abbreviations follow Thiers (continuously updated: http://sweetgum.nybg.org/ih/).

The nomenclature follows Klopper *et al.* (2006) and AFPD (2009). The synonyms cited in the list were accepted by Exell (1973) or in recent literature.

Common names were mostly obtained from the literature (Rozeira 1958; Silva 1959; Santo 1969; Roseira 1984; Figueiredo 2002b). Medicinal uses were compiled from the literature (Sequeira 1994; Martins 2001; Madureira 2006; Madureira *et al.* 2007) and herbarium specimens.

LIST OF FLOWERING PLANTS

Accepted names are in bold, synonyms in italics. Common names appear in brackets after the taxon and author's name(s). Abbreviations/symbols used in the list are: *, introduced; ?, recorded in literature but specimens not known, or doubts about their origin; §, record requiring confirmation; D, distribution in S.Tomé and Príncipe (STP); E, edible; [E], endemic; H, habit and habitat; M, medicinal (see Appendix); N, notes; O, ornamental; P, Príncipe; ST, S.Tomé; V, voucher(s).

ACANTHACEAE
(Daniel & Figueiredo 2009)

ACANTHUS L.

montanus (Nees) T.Anderson (*Castanheiro-de-S.Tomé, Cumbo-muala-ve, Cundú-de-muala-vé*)

H: perennial herb with spiny leaves and white flowers, on roadsides and plantations. M: 27; 171. D: STP. V: *Daniel 11183* (CAS, STPH); *Matos 7522* (BRLU, LISC).

ASYSTASIA Blume

gangetica (L.) T.Anderson (*Fiá-mambléblê, Fiá-qui-sobô, Fiá-qui-sobô-homem, Homé, Mualá*)

H: perennial herb with white flowers dotted purple, on roadsides, cultivated areas, plantations, ruderal. M: 40; 65; 79; 88; 124; 142. D: STP. V: *Figueiredo 207* (LISC); *Matos 7734* (LISC).

BRACHYSTEPHANUS Nees

[E]**occidentalis** Lindau

H: herb or shrub with white flowers, in montane forest, secondary forest and margins of watercourses. D: ST. V: *Paiva 208* (COI).

BRILLANTAISIA P.Beauv.

lamium (Nees) Benth. (*Fia-de-mina-grande, Fia-fôgô*)

H: perennial herb with blue flowers, in forest, secondary forest and plantations, ruderal. D: STP. V: *Figueiredo 31* (LISC); *Matos 7737* (LISC).

owariensis P.Beauv. (*Mamblembê*)

H: herb with blue flowers in secondary forest and on roadsides. D: ST. V: *Figueiredo 213* (LISC).

vogeliana (Nees) Benth.

H: herb with white or blue flowers, in rainforest and secondary forest. D: ST. V: *Figueiredo 32* (K, LISC).

DICLIPTERA Juss.

verticillata (Forssk.) C.Chr.

H: herb with blue, purple flowers, in secondary forest, on roadsides. D: STP. V: *Matos 7515* (BRLU, LISC, STPH).

ELYTRARIA Michx.

marginata Vahl (*Focha-anzolo, Santage-basso-café*)

H: herb with white or lilac flowers, in secondary forest, cultivated areas and river margins. M: 16; 51; 59; 96; 173. D: STP. V: *Oliveira 530* (BRLU, STPH), *1351* (BRLU).

HETERADELPHIA Lindau

[E]**paulowilhelmia** Lindau

H: perennial herb or shrub with purple flowers, in rainforest. D: ST. V: *Matos 7302* (BRLU, LISC).

HYPOESTES Sol. ex R.Br.

sp.

D: ST. N: *Hypoestes* sp. was recorded by Exell (1944) based on the collection *Don s.n.* (BM) and said to be possibly a new species.

JUSTICIA L.

tenella (Nees) T.Anderson

H: herb with pink flowers or white with purple patch on lower lip (Exell 1944), in secondary forest. D: STP. V: *Matos 7393* (BRLU, LISC, STPH); *Oliveira 135/98* (STPH).

[E]**thomensis** Lindau

H: herb. D: ST. N: rare or even extinct plant only known from the type collection [*Souza s.n.* (COI)].

NELSONIA R.Br.

smithii Oerst.

H: herb with creeping stem sending up flowering shoots, flowers white tinged with pink or crimson (Exell 1944), in secondary forest. D: STP. V: *Oliveira 504* (BRLU, LISC), *594* (BRLU, STPH).

PHAULOPSIS Willd.
micrantha (Benth.) C.B.Clarke (*Fia-glavana*)
H: herb with white flowers. M: 84; 96; 150. D: ST. V: *Oliveira 264* (STPH).

RHINACANTHUS Nees
virens (Nees) Milne-Redh.
H: herb with white flowers in secondary forest. D: P. V: *Oliveira 133/98* (BRLU, LISC, STPH).

***RUELLIA** L.
***brevifolia** (Pohl) Ezcurra (*Mato-baná, Pega-pega*)
H: herb or undershrub with red flowers, in secondary forest. D: ST. V: *Figueiredo 30* (LISC).

STENANDRIOPSIS S.Moore
thomensis (Milne-Redh.) Heine
H: herb with pink or blue flowers, in forest. D: STP. V: *Lejoly 95/97* (BRLU, LIC, STPH); *Oliveira 547* (BRLU, STPH).

*AGAVACEAE

***AGAVE** L.
***sisalana** Perrine (*sisal*)
H: succulent shrub. D: ST. V: *Paiva 128* (COI).

?***FURCRAEA** Vent.
?***foetida** (L.) Haw.
N: recorded by Exell (1944) based on the literature; no specimens known.

AIZOACEAE

SESUVIUM L.
portulacastrum (L.) L.
H: perennial herb occurring in coastal areas. E: leaves. D: ST.

ALANGIACEAE

ALANGIUM Lam.
chinense (Lour.) Harms
H: tree up to 22 m high, with white to yellowish flowers, in secondary forest. D: ST.

?ALLIACEAE

?**ALLIUM** L.
?***cepa** L. (*Cebola*)
N: cultivated for the bulbs, recorded by Exell (1973) based on Silva (1958) without specimen citation.
?***sativum** L. (*Alho*)
N: cultivated for the bulbs, recorded by Exell (1973) based on Silva (1958) without specimen citation.

AMARANTHACEAE

***ACHYRANTHES** L.
***aspera** L. (*Fia-ponto, Folha-galo, Folha-ponto, Mato-bana, Papué*)
H: herb in plantations. M: 14; 41; 67; 60; 89; 90; 168. D: ST. V: *Madureira & Martins 86* (COI).

ALTERNANTHERA Forssk.
littoralis P.Beauv. var. **maritima** (Mart.) Pedersen
maritima (Mart.) A.St.-Hil.
H: succulent prostrate herb, in dunes. D: STP. V: *Paiva 266* (COI).
***pungens** Kunth (*Piancablá*)
H: prostrate herb, on roadsides and cultivated ground. D: STP. V: *Paiva 1051* (COI).
***sessilis** (L.) DC. (*Quá-quá-clôsso*)
H: herb, in plantations and on roadsides, ruderal. M: 48; 54; 96; 124. D: STP. V: *Madureira & Martins 295* (COI); *Paiva 159* (COI).

AMARANTHUS L.
***caudatus** L. (*Jimboa*)
H: herb, in plantations. E: leaves, seeds. D: ST. V: *Oliveira 201* (BRLU).
***dubius** Mart. ex Thell.
H: herb, ruderal. E: leaves. D: ST. V: *Paiva 263* (COI).
graecizans L. (*Chimboa, Gimboa*)
H: herb, on roadsides. E: leaves. D: ST. V: *Paiva 394* (COI).
***hybridus** L. subsp. **cruentus** (L.) Thell. (*Gimboa*)
H: herb, in cultivated fields. E: leaves, seeds. D: ST. V: *Paiva 1040* (COI).
***spinosus** L. (*Gimboa, Jimboa-brava*)
H: herb. E: leaves. M: 173. D: STP.
***viridis** L. (*Belo-viême, Gimboa-doida*)
H: herb, on roadsides. E: leaves. M: 124; 173. D: ST. V: *Madureira & Martins 282* (COI).

BLUTAPARON Raf.
vermiculare (L.) Mears var. **vermiculare**
H: perennial herb, in coastal areas. D: ST. V: *Matos 7271* (LISC).

CELOSIA L.
***argentea** L.
H: herb. E: leaves. O. D: ST.
leptostachya Benth.
H: annual herb, in plantations and on roadsides, ruderal. D: ST. V: *Paiva 160* (COI)

CYATHULA Blume
prostrata (L.) Blume var. **pedicellata** (C.B.Clarke) Cavaco (*Fia-bana, Mato-bana, Pegacalato*)
H: small prostrate herb, ruderal. D: STP. V: *Figueiredo 218* (LISC); *Paiva 450* (COI).

DEERINGIA R.Br.
sp.
D: P. N: Exell (1944, 1973) recorded *Deeringia amaranthoides* (Lam.) Merr. as an introduced plant in Príncipe (based on *Barter 2009* (K)). He cited *D. celosioides* R.Br., nom. illegit, as a synonym. In the AFPD (2009) database, *D. celosioides* is accepted as a species endemic to Príncipe.

***GOMPHRENA** L.
***globosa** L.
H: annual herb. O. D: ST.

***IRESINE** P.Browne
***herbstii** Lindl.
H: herb with red leaves, ruderal. D: ST. V: *Lejoly 93/601* (BRLU).

PUPALIA Juss.
lappacea (L.) A.Juss. (*Pega-lato, Pega-rato*)
H: herb, on roadsides and cultivated fields, ruderal. M: 67. D: ST. V: *Madureira & Martins 275* (COI).

AMARYLLIDACEAE

CRINUM L.
jagus (J.Thomps.) Dandy (*Cebola-cencê, Sabola-cencê*)
H: bulbous plant with white flowers, in secondary forest and plantations. M: 12; 33; 50; 66; 85; 186. D: ST. V: *Paiva 458* (COI).

***HIPPEASTRUM** Herb.
***puniceum** (Lam.) Kuntze
H: bulbous plant with pink flowers. O. D: STP.

***HYMENOCALLIS** Salisb.
***littoralis** (Jacq.) Salisb. (*Flor-branca*, *Sabola-cencê*)
H: bulbous plant with white flowers. M: 12; 66; 98; 114; 191. D: P. V: *Madureira & Martins 648* (COI).

ANACARDIACEAE

***ANACARDIUM** L.
***occidentale** L. (fruit: *Cajú*; tree: *Cajueiro*)
H: tree, cultivated and occurring on roadsides. E: fruits, seeds. M: 2; 22; 23; 26; 37; 60; 67; 114; 171. D: STP. V: *Paiva 109* (COI).

LANNEA A.Rich.
welwitschii (Hiern) Engl. (*Mucumbli*)
H: tree, on secondary forest (300–1 500 m). M: 22; 57; 87; 109; 124. D: ST. V: *Madureira & Martins 217* (COI).

***MANGIFERA** L.
***indica** L. (fruit: *Manga*; tree: *Mangueira*)
H: large tree with small red or yellow flowers, cultivated and occurring on roadsides. E: fruits. M: 14; 27; 37; 40; 57; 67; 98; 177. D: STP. V: *Madureira & Martins 459* (COI); *Paiva 821* (COI).

PSEUDOSPONDIAS Engl.
microcarpa (A.Rich.) Engl. (*Guegue, Safú-d'obô, Safú-dodo, Zenze, Zenzem*)
H: tree with yellowish white flowers (Exell 1944), in secondary forest and on roadsides. M: 62; 124; 157. D: STP. V: *Madureira & Martins 512* (COI); *Paiva 1915* (COI).

SORINDEIA Thouars
grandifolia Engl. (*Gogo, Safú-de-obô*)
H: tree, in rainforest and secondary forest. D: ST. V: *Matos 7683* (LISC).
juglandifolia (A.Rich.) Planch. ex Oliv.
H: tree, in forest. D: ST. V: *Lejoly 98/236* (BRLU).

***SPONDIAS** L.
***cytherea** Sonn. (fruit: *Cajamanga*; tree: *Cajamangueira*)
dulcis Sol. ex Parkinson
H: tree with small white flowers. E: fruits. D: STP. V: *Paiva 799* (COI).
***mombin** L. (*Geg, Gig, Guégue, Guêguê*)
lutea L.
H: small tree, in hedges. E: fruits. M: 14; 41; 54; 56; 75; 84; 122. D: STP. V: *Paiva 814* (COI).

ANISOPHYLLEACEAE

ANISOPHYLLEA R.Br. ex Sabine
[E]**cabole** Henriq. (*Cabolé*)
H: tree 35–40 m high (Exell 1944). D: ST. N: an undetermined species of *Anisophyllea* has also been reported from Príncipe. V: *Matos 7237a* (LISC).

ANNONACEAE

ANNONA L.
***cherimola** L. (*Crimola*)
H: small tree. E: fruits. D: ST.
glabra L. (*Nona, Nona-concha, Nopa, Nopa-concha*)
H: tree. E: fruits. D: ST.
***muricata** L. (*Chabe-chabe, Chapo-chapo, Coração-da-índia, Coração-de-preto, Coração-preto, Sape-sape, Sapo-sapo*)
H: tree. E: fruits. M: 94; 98; 123. D: STP. V: *Paiva 1042* (COI).
***reticulata** L. (*Fruta-conde*)
H: tree with reddish flowers, cultivated and occurring in secondary forest. E: fruits. D: STP. V: *Oliveira 225/98* (BRLU), *1435* (BRLU).
senegalensis Pers.
arenaria Thonn.
H: shrub or small tree. D: ST? N: recorded by Exell (1944, 1973) as *A. arenaria* Thonn., based on *Don s.n.* (BM).
***squamosa** L. (*Fruta-pinha, Nona*)
H: tree. E: fruits. M: 150. D: ST. V: *Madureira & Martins 435* (COI).

?***ASIMINA** Adans.
?***triloba** (L.) Dunal
D: P? N: a doubtful record from the literature according to Exell (1944, 1973); no specimens known.

***CANANGA** (DC.) Hook.f. & Thomson
***odorata** (Lam.) Hook.f. & Thomson (*Ilangue-ilangue, Pompeia*)
H: tree with strongly fragrant flowers. O. M: 138. D: ST. V: *Figueiredo 123* (K).

MONODORA Dunal
brevipes Benth. (*Iobo*)
H: tree, in plantations. D: STP. V: *Paiva 822* (COI).
myristica (Gaertn.) Dunal (*Ióbò, Iôbo, Jobó, Xipobó, Yobó*)
H: tree, in plantations. M: 2; 20; 57; 98; 99; 146. D: STP. V: *Madureira & Martins 76* (COI), *455* (COI).

POLYALTHIA Blume
oliveri Engl. (*Cabore-de-Bom-Sucesso, Inhé-preto, Pau-preto, Preto*)
H: tall tree with white flowers, in rainforest. M: 20; 22. D: STP. V: *Madureira & Martins 589* (COI); *Oliveira 588* (BRLU).

UVARIA L.
ovata (DC.) A.DC. subsp. **ovata**
sp. sensu auctt. Santo (1970), Exell (1973).
H: shrub with yellow flowers forming thickets, in savanna. D: ST. V: *Espírito Santo 4357* (LISC).

XYLOPIA L.
aethiopica (Dunal) A.Rich. (*Cabela, Inhé-bobô, Noé, Pimenta-do--Congo, Untué-do-bó*)
H: tree ± 20 m high with fragrant white flowers (Exell 1944), in secondary forest. E: fruits. M: 22; 43; 62. D: STP. V: *Joffroy 147* (BRLU); *Paiva 1473* (COI).
quintasii Engl. & Diels
H: tree up to 35 m high, in rainforest. D: ST.
staudtii Engl. & Diels (*Inhé-bobé, Inhé-branco, Inhé-ganso, Unué--bolina*)
africana (Benth.) Oliv.
H: tree 9–30 m high, in plantations, secondary forest and on roadsides. D: STP. V: *Paiva 943* (COI), *1419* (COI).

APIACEAE

APIUM L
leptophyllum (Pers.) F.Muell. ex Benth.
H: annual herb. D: P.

CENTELLA L.
asiatica (L.) Urb. (*Fiá-d'olhá, Folha-de-orelha, Folha-viola, Olhadató, Ufiá-copo*)
H: perennial herb with red flowers, creeping and sometimes climbing (Exell 1944). M: 29; 44; 69; 155; 174. D: STP. V: *Figueiredo 115* (K).

***ERYNGIUM** L.
***foetidum** L. (*Celo-sum-zom-maiá, Cheiro-de-João-Maria, Coentro--de-S.Tomé, Jamaia, Lamaia, Selo-sum-João-Maiá, Selo-sum--zon-maia*)
H: biennial herb. E: leaves. M: 2; 52; 61; 81; 94; 145; 150; 156. D: STP. V: *Paiva 634* (COI), *1149* (COI).

HYDROCOTYLE L.
bonariensis Lam. (*Fiá-copo, Fiá-d'olhá, Homê-d'olhá*)
H: perennial herb. M: 2; 44; 69; 155; 174. D: STP. V: *Paiva 249* (COI), *1436* (COI).
mannii Hook.f.
H: prostrate herb trailing along the ground (Exell 1944). D: ST. V: *Matos 7428* (BRLU, LISC).

***PETROSELINUM** Hill
***crispum** (Mill.) A.W.Hill (*Salsa*)
H: biennial herb. E: leaves. D: ST.

APOCYNACEAE

***ASCLEPIAS** L.
***curassavica** L.
H: herb, in gardens and escaped. O. D: ST. V: *Figueiredo 60* (K).

***CASCABELA** Raf.
***thevetia** (L.) Lippold
Thevetia peruviana (Pers.) K.Schum.
H: shrub, with yellow flowers, ruderal. D: ST. V: *Paiva 1297* (COI).

***CATHARANTHUS** G.Don
***roseus** (L.) G.Don (*Lábios-de-mulata, Vinca*)
H: shrub or perennial herb, with white flowers with a red or pink centre (Exell 1944), ruderal. M: 118; 171. O. D: ST. V: *Paiva 433* (COI).

FUNTUMIA Stapf
africana (Benth.) Stapf (*Pau-cadeira, Pó-cadela, Pó-leite, Pó-visgo*)
H: tree 45–60 m high (Exell 1944), with yellow-white flowers, in forest. M: 56; 115; 176. D: STP. V: *Oliveira 88* (BRLU).

FUNTUMIA Stapf (cont.)
elastica (P.Preuss) Stapf (*Funtumia*)
H: tree, with yellow-white flowers, in forest. D: ST.

GONGRONEMA Decne.
latifolium Benth. (*Otage*)
H: climber with tuberous base. D: ST.

LANDOLPHIA P.Beauv.
landolphioides (Hallier f.) A.Chev.
dawei Stapf
H: liana with a trunk up to 0.4 m in diameter. E: fruits. D: ST. V: *Oliveira 51/99* (BRLU).

MARSDENIA R.Br.
[E]**exellii** C.Norman
H: liana with yellow flowers, in forest. D: ST. V: *Lejoly 98/269* (BRLU).

***NERIUM** L.
***oleander** L.
H: shrub. O. D: ST. V: *Oliveira 217* (BRLU).

ONCOSTEMMA K.Schum.
cuspidatum K.Schum.
D: ST. N: this monotypic genus has been reduced to synonymy of *Tylophora* by Meve & Omlor (2000) and found to be a synonym of *T. oblonga* N.E.Br. The new combination *Tylophora cuspidata* (K.Schum.) Meve & Omlor, said to take precedence over *T. oblonga*, is illegitimate.

***PLUMERIA** L.
***rubra** L.
H: shrub or tree, very fragrant. O. D: ST.

RAUVOLFIA L.
caffra Sond. (*Cata-cuéné, Cata-glandje, Cata-grande.* Note: not to be confused with *Cata-pequena*)
macrophylla Stapf
H: tree, with white flowers and blackish purple fruits, in forest. M: 2; 25; 44; 79; 99; 123; 127; 146; 155; 168; 175. D: ST. V: *Madureira & Martins 16* (COI).
vomitoria Afzel. (*Cata, Cata-manginga, Cata-pequena, Cata-piquina, Cata-ussubi*)
dichotoma K.Schum.
H: shrub or small tree with white flowers and red fruits, in forest and plantations. M: 60; 79; 99; 103; 123; 175; 184. D: STP. V: *Figueiredo 256* (LISC).

TABERNAEMONTANA L.
***divaricata** (L.) R.Br. ex Roem. & Schult.
Ervatamia coronaria (Jacq.) Stapf
E. divaricata (L.) Burkill
H: shrub or small tree with white flowers, in gardens. D: STP. V: *Paiva 290* (COI).
pachysiphon Stapf (*Cata-glandje, Cata-grande*)
H: shrub or small tree, with white or yellowish flowers, in forest. D: ST. V: *Oliveira 1430* (BRLU).
[E]**stenosiphon** Stapf (*Cata, Cata-d'ôbo, Cata-piquina, Pau-lírio*)
H: small tree with fragrant white flowers, in forest. M: 8; 77; 103. D: STP. *Oliveira 141/98* (LISC); *Paiva 76* (COI).

VOACANGA Thouars
africana Stapf (*Bule, Cata-contra, Cata-glandje, Cata-grande, Cata-quiô, Gata-grande, Guibule*)
lemosii Philipson
H: small tree, with yellow or white flowers, in forest. M: 8; 103. D: ST. V: *Paiva 1194* (COI).

AQUIFOLIACEAE

ILEX L.
mitis (L.) Radlk.
H: tree, with white flowers, in forest. D: ST. V: *Oliveira 985* (BRLU).

ARACEAE

***ALOCASIA** (Schott) G.Don
***macrorrhiza** (L.) G.Don (*Côco-vêneno*, *Matabala-veneno*)
H: perennial herb with a tuberous rootstock in secondary forest and plantations. O. M: 5; 133; 174. D: STP. V: *Madureira & Martins 449* (COI).

***CALADIUM** Vent.
***bicolor** (Aiton) Vent. (*Coco-floli, Côco-vêneno*)
H: perennial herb with a tuberous rootstock, in secondary forest and plantations. O. D: STP. V: *Paiva 1200* (COI), *1427* (COI).

***COLOCASIA** Schott
***esculenta** (L.) Schott (*Coco, Matabala, Micoco*)
H: large herbaceous plant cultivated for the corm (taro). D: STP.

CULCASIA P.Beauv.
angolensis Welw. ex Schott (*Pimenta-da-terra*)
barombensis N.E.Br.
H: climber, in forest. D: ST.
scandens P.Beauv. (*Homê-dum-ôsso*, *Homem-de-um-osso-só*)
H: epiphyte, climbing herb, in forest. M: 22; 87; 96. D: ST. V: *Madureira & Martins 66* (COI).

***DIEFFENBACHIA** Schott
***seguine** (Jacq.) Schott
H: herb. O. D: ST. V: *Oliveira 216* (BRLU).

***XANTHOSOMA** Schott
***sagittifolium** (L.) Schott (*Coco, Matabala, Matabala-branca, Matabala-gema-de-ovo, Matabala-vermelha, Micoco*)
maffafa Schott
violaceum Schott
H: large herbaceous plant much cultivated for the corm (coco-yam). M: 188. D: STP. V: *Paiva 761* (COI), *1331* (COI).

ARALIACEAE

***HEDERA** L.
***helix** L. (*Hera*)
H: climber. O. D: ST. N: recorded by Exell (1944, 1973) but it is possible that it may be a different species of *Hedera.*

POLYSCIAS J.R.Forst. & G.Forst.
[E]**quintasii** Exell (*Guêguê-fasso, Velá*)
H: tree, in forest. D: STP. V: *Oliveira 1253* (BRLU).

SCHEFFLERA J.R.Forst. & G.Forst.
barteri (Seem.) Harms
H: liana, in secondary forest. D: STP. V: *Figueiredo 48* (K).
mannii (Hook.f.) Harms
H: small shrub or tree, in forest. D: ST. V: *Matos 7513* (LISC).

ARECACEAE

Note: the following palm trees have also been recorded in cultivation: *Roystonea regia* (Kunth) O.F.Cook, *Butia eriospatha* (Mart. ex Drude) Becc., *Caryota urens* L.

BORASSUS L.
aethiopum Mart. (*Palmeira-do-marfim, Palmeira-leque, Úlua*)
H: tree up to 20 m high. D: ST.

***COCOS** L.
***nucifera** L. (*Coco, Cóconjá, Côncônja, Coqueiro*)
H: tree. E: fruit. D: STP.

ELAEIS Jacq.
guineensis Jacq. (*Andim, Dendem, Déndém, Palmeira-andim, Palmeira-dendim, Palmeira-do-dendem, Pema*)
H: tree up to 30 m high. E: fruit (oil). D: STP.

***PHOENIX** L.
***dactylifera** L. (fruit: *Tâmara*; tree: *Tamareira*)
H: tree with trunk up to 20 m high. E: fruit. D: ST.

*ARISTOLOCHIACEAE

***ARISTOLOCHIA** L.
***littoralis** Parodi
H: climber, yellow flowers spotted with pink (Exell 1956). O. D: ST.

ASPHODELACEAE

***ALOE** L.
***humilis** (L.) Mill. (*Áliba-blabosa, Erva-babosa*)
H: scapose perennial herb. M: 39; 51; 54; 49; 60; 72; 77; 93; 123; 124. D: ST. V: *Madureira & Martins 354* (COI).

ASPARAGACEAE

***ASPARAGUS** L.
***officinalis** L. (*Espargo*)
N: herb cultivated for the young shoots, recorded by Exell (1973) based on Silva (1958) without specimen citation.

ASTERACEAE

***ACANTHOSPERMUM** Schrank
***hispidum** DC. (*Mosquito-dia*)
H: annual herb with yellowish green flowers (Exell 1944). D: STP.

ACMELLA Rich. ex Pers.
caulirhiza Delile (*Fiá-dentche, Fiá-dente*)
Spilanthes filicaulis (Schumach. & Thonn.) C.D.Adams
H: herb with yellow flowers. M: 132; 175. D: STP. V: *Madureira & Martins 296* (COI); *Matos 7491* (LISC).

ADENOSTEMMA J.R.Forst. & G.Forst.
mauritianum DC.
H: herb with white flowers, in forest and secondary forest. D: ST. V: *Lejoly 94/551* (BRLU, LISC).
perrottetii DC. (*Lingua-tela, Tonfonso*)
H: herb with white flowers, in forest, plantations and on roadsides. M: 141. D: ST. V: *Madureira 646* (COI).

***AGERATUM** L.
***conyzoides** L. subsp. **conyzoides** (*Fiá-cuncunha, Fiá-malé, Fiá--malé-di-que, Fiá-malé-home, Folha-malé*)
H: annual herb with blue-purple or white flowers, in secondary forest, plantations and on roadsides, ruderal. M: 124; 150. D: STP. V: *Paiva 1385* (COI), *1782* (COI).

AMBROSIA L.
maritima L. (*Atinija, Atlija, Atlimija, Atrimija, Natruja*)
H: annual herb or perennial from woody rootstock. M: 29; 77; 115; 150; 184; 189. D: STP. V: *Madureira & Martins 93* (COI).

?**ASPILIA** Thouars
?**rudis** Oliv. & Hiern subsp. **rudis**
H: erect, often perennial herb with pale yellow or almost white flowers. D: P. Recorded by Exell (1944) based on a citation in *Flora of tropical Africa* of a collection by Barter that he did not see.

BIDENS L.
pilosa L. (*Áliba-gúhia, Fiá-gúhia, Pega-pega*)
H: herb with white flowers, in secondary forest, plantations and on roadsides. M: 29; 46; 69; 88. D: STP. V: *Paiva 572* (COI), *705* (COI).

***CHRYSANTHEMUM** L.
***indicum** L.
H: perennial herb. O. D: ST.

*?**CICHORIUM** L.
*?**intybus** L.
H: perennial herb. E: leaves (var. *foliosum*), roots (var. *sativum*). D: ST. N: a doubtful record based on a specimen collected by Don and cited by Bentham in *Niger flora*. Exell (1944) did not see the specimen.

CONYZA Less.
attenuata DC. (*Folha-male, Língua-de-vaca, Lingua-tela*)
persicifolia (Benth.) Oliv. & Hiern
H: annual herb, in forest. D: ST. V: *Matos 7369* (LISC).
***bonariensis** (L.) Cronquist
H: annual erect herb. D: STP.

CRASSOCEPHALUM Moench
crepidioides (Benth.) S.Moore
H: annual herb with yellow or mauve flowers, in forest and plantations. D: ST. V: *Lejoly 98/211* (BRLU).
montuosum (S.Moore) Milne-Redh.
H: herb, ruderal. D: ST. V: *Matos 7438* (LISC).
rubens (Juss. ex Jacq.) S.Moore
H: herb, in secondary forest and plantations. D: ST.
sarcobasis (DC.) S.Moore
H: herb, in disturbed ground. D: ST. V: *Matos 7466* (BRLU).

DICHROCEPHALA L'Hér. ex DC.
integrifolia (L.f.) Kuntze subsp. **integrifolia**
H: annual herb with whitish flowers, ruderal. D: ST. V: *Lejoly 95/057* (LISC).

ECLIPTA L.
prostrata (L.) L. (*Folha-bobá, Folha-sapateiro*)
H: annual or perennial herb with white flowers. D: STP

***ELEPHANTOPUS** L.
***mollis** Kunth (*Fia-budo, Fia-dentche, Folha-budo, Macabali, Macablali*)
H: herb with white flowers, in secondary forest, plantations, and on roadsides. H: 3; 22; 112; 129; 130; 150; 174; 175. D: STP. V: *Figueiredo 105* (K).

EMILIA Cass.
?**coccinea** (Sims) G.Don
N: recorded by Exell (1973) based on Silva (1958) without specimen citation.
sonchifolia (L.) DC. ex Wight
H: annual herb. E: leaves. D: STP.

§**EPALTES** Cass.
§***brasiliensis** DC.
H: herb. D: STP. N: Exell (1944) cited three collections of this taxon (*Barter 1976, Mann s.n.* and *Welwitsch 3520*). We did not see these specimens but it is possible that they refer to *Litogyne gariepina* (DC.) Anderb., a species widespread from West Africa to South and East Africa that includes as synonyms the three species of *Epaltes* previously cited for tropical Africa. *E. brasiliensis* has apparently never been recorded for Africa.

ETHULIA L.f.
conyzoides L.f. subsp. **conyzoides**
H: annual herb, with white, mauve or purple flowers. D: ST.

***GALINSOGA** Ruíz & Pav.
***parviflora** Cav.
H: annual herb with white flowers, on disturbed ground and on roadsides. D: ST. V: *Matos 7603* (LISC).

HELICHRYSUM Mill.
foetidum (L.) Moench var. **foetidum**
H: annual or perennial herb, with yellow flowers, in forest. D: ST. V: *Matos 7371* (LISC).

MICROGLOSSA DC.
pyrifolia (Lam.) Kuntze
H: shrub or scandent shrub, with white, cream-coloured, yellowish or pinkish flowers, in forest. D: STP. V: *Matos 7564* (LISC).

MIKANIA Willd.
chenopodiifolia Willd. (*Matucana*)
cordata sensu auctt. non (Burm.f.) B.L.Rob.
sp. sensu auct. Exell (1956, 1973)
H: shrub with white flowers. M: 31; 77; 98; 129; 140. D: STP. V: *Figueiredo 257* (LISC).

MIKANIOPSIS Milne-Redh.
paniculata Milne-Redh.
H: perennial climber with orange-yellow flowers. D: ST. V: *Matos 7312* (LISC).

PSEUDOGNAPHALIUM Kirp.
luteo-album (L.) Hilliard & B.L.Burtt subsp. **luteo-album**
Gnaphalium luteo-album L.
H: annual or perennial herb with whitish or yellowish flowers, on roadsides, ruderal. D: STP. V: *Paiva 1064* (COI).

SOLANECIO (Sch.Bip.) Walp.
biafrae (Oliv. & Hiern) C.Jeffrey
Crassocephalum biafrae (Oliv. & Hiern) S.Moore
H: perennial, climbing, subsucculent herb with yellow flowers. E: leaves. D: ST.

SONCHUS L.
oleraceus L. (*Serralha*)
H: annual or biennial herb with yellow flowers, in forest, plantations and on roadsides. E: leaves. D: ST. V: *Paiva 33* (COI).

STRUCHIUM P.Browne
sparganophora (L.) Kuntze (*Libo-d'água, Libô-d'aua*)
Sparganophorus sparganophora (L.) C.Jeffrey, nom. illegit.
H: perennial, slightly succulent herb, with whitish or pinkish flowers, in humid areas. M: 123; 137; 190. D: STP. V: *Paiva 1292* (COI).

***SYNEDRELLA** Gaertn.
***nodiflora** Gaertn. (*Fiá-malé-dôdô, Fiá-malé-muála, Folha-malé--doida, Macabali-fia-budo*)
H: annual or perennial herb with yellow flowers, in secondary forest, plantations, and on roadsides, ruderal. M: 27; 51; 52; 81; 94; 113; 123; 156. D: STP. V: *Paiva 1006* (COI), *1784* (COI).

***TITHONIA** Desf. ex Juss.
***diversifolia** (Hemsl.) A.Gray (*Girassol*)
H: annual or perennial herb or subshrub up to 2.5 m high, with yellow flowers, ruderal. M: 123. D: ST. V: *Paiva 1281* (COI).

VERNONIA Schreb.
amygdalina Delile (*Libô, Libô-da-terra, Libô-de-que, Libô-mucambú, Limbo, Pau-fede*)
H: undershrub, shrub or tree, with white flowers, ruderal. E: leaves. M: 60; 123. D: ST. V: *Paiva 1289* (COI).
stellulifera (Benth.) C.Jeffrey (*Fia-bungá*)
Triplotaxis stellulifera (Benth.) Hutch.
H: annual herb with mauve to purple flowers, in secondary forest. D: STP. V: *Figueiredo 41* (K).

***ZINNIA** L.
***peruviana** (L.) L.
H: annual herb, with red, pink or purplish flowers. D: ST.

*AVERRHOACEAE

***AVERRHOA** L.
***carambola** L. (fruit: *Carambola*; tree: *Caramboleira*)
H: shrub or small tree, cultivated. E: fruits. D: ST. V: *Paiva 1327* (COI).

AVICENNIACEAE
(Daniel & Figueiredo 2009)

Avicennia L.
germinans (L.) L.
H: shrub or tree up to 17 m high, with pneumatophores, halophyte, in mangroves. E: fruits. D: ST. V: *Figueiredo 93* (K).

BALSAMINACEAE

IMPATIENS L.
***balsamina** L. (*Balsamina, Melindres*)
tamsiana Exell
H: herb. O. D: STP. V: *Paiva 1583* (COI), *1690* (COI).
[E]**buccinalis** Hook.f. (*Camarões*)
H: herb or shrub up to 3 m high, with red flowers, in forest or secondary forest. D: ST. V: *Paiva 1858* (COI).
[E]**manteroana** Exell
H: herb with red flowers in humid and rocky places, in rainforest. D: P. V: *Paiva 1726* (COI).
[E]**thomensis** Exell
H: herb up to 1 m high, with red or orange flowers, in humid places, in forest. D: ST. V: *Figueiredo 255* (LISC).

*BASELLACEAE

***BASELLA** L.
***alba** L. (*Fiá-tataluga, Folha-tataruga*)
H: annual or perennial succulent herb. E: leaves. M: 173. D: ST. V: *Madureira & Martins 339* (COI).

BEGONIACEAE

BEGONIA L.
ampla Hook.f. (*Fia-bôba-d'ôbo, Fiá-bôba-glandji*)
H: perennial herb, epiphyte, with white flowers, in forest and secondary forest. M: 1; 16; 119; 129. D: STP. V: *Figueiredo 72* (K).
annobonensis A.DC.
H: annual epiphytic succulent herb, in forest. D: STP. V: *Figueiredo 260* (LISC).
[E]**baccata** Hook.f. (*Fiá-bôba, Fiá-bôba-d'ôbo, Folha-boba-vermelha*)
H: herb, in forest. M: 16; 38; 84; 142. D: ST. V: *Figueiredo 39* (K, LISC).
[E]**crateris** Exell (*Fia-bôba-d'ôbo*)
H: herb, in forest. D: ST. N: considered by some authors as a synonym of *B. baccata*. V: *Lejoly 94/559* (BRLU, LISC).
[E]**fusialata** Warb. var. **principensis** J.J.de Wilde
H: herb. D: P.
[E]**loranthoides** Hook.f. subsp. **loranthoides**
H: herb. D: STP.
[E]**molleri** (C.DC.) Warb.
H: herb. D: ST.
rostrata Welw. ex Hook.f. var. **rostrata**
H: annual succulent herb. D: ST. V: *Figueiredo 161* (LISC).
subalpestris A.Chev.
macambrarensis Exell
H: herb, in forest. D: ST. V: *Matos 7552* (BRLU, LISC).
thomeana C.DC.
H: perennial herb, in forest. D: ST. V: *Matos 7704* (LISC).

BIGNONIACEAE

***JACARANDA** Juss.
***mimosifolia** D.Don (*Jacarandá*)
H: tree with purple flowers. O. D: ST. N: recorded in the literature as introduced, there is a single tree known (at Roça Agostinho Neto).

NEWBOULDIA Seem.
laevis (P.Beauv.) Seem. ex Bureau (*Quimé, Quine*)
H: shrub or tree, with pink flowers, ruderal. M: 28; 57. D: ST. V: *Paiva 674* (COI).

SPATHODEA P.Beauv.
campanulata P.Beauv.
nilotica Seem.
H: tree. O. D: ST.

***TECOMA** Juss**.**
***sp.** (*Maioba-bini*)
H: vine. O. M: 7; 96; 128; 146; 153. D: ST. V: *Madureira & Martins 308* (COI).

*BIXACEAE

***BIXA** L.
***orellana** L. (*Anato, Gicló, Gincló, Quisafú, Tintureira, Urucú*)
H: shrub or small tree with pink flowers. E: seeds. O. M: 22; 27; 63; 67. N: seeds contain a natural orange-red dye. D: STP. V: *Paiva 493* (COI).

BOMBACACEAE

ADANSONIA L.
digitata L. (*Imbondeiro, Micondó*)
H: large tree in savanna. E: leaves, fruits, seeds. D: STP. V: *Paiva 1238* (COI).

CEIBA Mill.
pentandra (L.) Gaertn. (*Ocá*)

H: large tree in secondary forest. E: seeds. M: 6; 124. D: STP. V: *Oliveira 139* (BRLU).

***PACHIRA** Aubl.
***glabra** Pasq.
Bombacopsis glabra (Pasq.) A.Robyns
H: tree, in secondary forest and plantations. E: seeds. D: STP. V: *Paiva 1237* (COI)*, 1950* (COI).

BORAGINACEAE

CORDIA L.
***gerascanthus** L.
H: tree up to 25 m high, with white flowers, in town. D: ST.
platythyrsa Baker (*Pau-tabaque, Pó-tabaque, Tabaque*)
H: tree up to 18 m high, with creamy white flowers, in secondary forest. D: ST. V: *Lejoly 93/641* (BRLU).

EHRETIA P.Browne
cymosa Thonn. var. **zenkeri** (Gürke ex Baker & C.H.Wright) Brenan
zenkeri Gürke ex Baker & C.H.Wright
H: shrub or small tree up to 12 m high, with white flowers and yellow fruits, in forest. D: ST. V: *Lejoly 97/344* (BRLU).
[E]**scrobiculata** Hiern
H: small tree with whitish flowers. N: probably extinct. D: P.

***HELIOTROPIUM** L.
***indicum** L. (*Fia-galo, Folha-galo, Galo*)
H: annual herb with red flowers, ruderal. M: 41; 51; 57; 70; 77; 89; 90; 112; 183; 184. D: STP. V: *Paiva 1290* (COI), *1413* (COI).

BRASSICACEAE

***BRASSICA** L.
***juncea** (L.) Czern. & Coss. (*Mostarda*)
H: perennial herb with yellow flowers. E: seed (spice: *mostarda*). D: ST.

***CAPSELLA** Medik.
***bursa-pastoris** (L.) Medik.
H: annual herb, ruderal. D: ST.

CARDAMINE L.
africana L.
H: annual herb with white flowers, in forest and secondary forest. D: ST. V: *Lejoly 97/220* (BRLU).
?**hirsuta** L.
N: a doubtful record in Exell (1973) probably due to a typographic error; the references cited refer to the occurrence in Bioko and not in S.Tomé.

***DIPLOTAXIS** DC.
***tenuisiliqua** Delile
H: herb. D: ST. V: *Matos 7300* (BRLU).

***LEPIDIUM** L.
***didymum** L.
Coronopus didymus (L.) Sm.
H: annual or biennial herb. E: leaves. D: ST.

***LOBULARIA** Desv.
***maritima** (L.) Desv.
H: annual or perennial herb, with white, pink or purple flowers. D: ST.

***RAPHANUS** L.
***sativus** L. (*Nabo-macau*)
H: annual or biennial herb with white or pink flowers. E: roots. D: ST.

RORIPPA Scop.
micrantha (Roth) Jonsell
indica sensu auct. non (L.) Hiern
H: annual herb with yellow flowers. D: ST.
***nasturtium-aquaticum** (L.) Hayek (*Agrião, Fia-guinhom, Fia-guiom, Guiom*)
H: aquatic or semi-aquatic perennial herb with white flowers. E: leaves, stems. M: 27; 177. D: ST. V: *Madureira & Martins 617* (COI).

*BROMELIACEAE

***ANANAS** Mill.
***comosus** (L.) Merr. (*Ananas, Nanás*)
H: herb cultivated for fruit. M: 24; 98; 124. D: STP. V: *Madureira & Martins 647* (COI).

BUDDLEJACEAE

LACHNOPYLIS Hochst.
thomensis Philipson
Nuxia congesta R.Br. ex Fresen. var. *thomensis* (Philipson) J.Lewis
H: shrub or small tree, in forest. D: ST. V: *Matos 7384* (LISC).

BURMANNIACEAE

GYMNOSIPHON Blume
sp.
H: colourless saprophyte, in forest. D: P. V: *Stévart 264* (BRLU).

BURSERACEAE

DACRYODES Vahl
edulis (G.Don) H.J.Lam (fruit: *Mubafo, Safu, Safú, Safu-safu*; tree: *Safueiro, Safuzeiro*)
H: tree, in forest and plantations, producing a blue-violet fruit. E: fruits. M: 185. D: STP. V: *Paiva 521* (COI).

SANTIRIA Blume
trimera (Oliv.) Aubrév. (*Bálsamo-de-S.Tomé, Belambo, Goqui, Óleo-melambo, Pau-óleo, Pó-óleo, Pó-óleo-d'obô*)
H: tree, in forest. M: 4; 22; 31; 51; 54; 57; 124; 177; 184;. D: STP. V: *Madureira & Martins 249* (COI).

*?BUXACEAE

*?**BUXUS** L.
*?**sempervirens** L.
N: a doubtful record by Exell (1944, 1973) based on a citation by Chevalier without specimens.

CACTACEAE

RHIPSALIS Gaertn.
baccifera (J.S.Muell.) Stearn subsp. **baccifera**
H: hanging epiphytic, succulent shrub. D: STP. V: *Paiva 1173* (COI).

CAMPANULACEAE

WAHLENBERGIA Schrad. ex Roth
silenoides Hochst. ex A.Rich.
H: herb. D: ST. V: *Matos 7563* (LISC).

*CANNABACEAE

***CANNABIS** L.
***sativa** L. (*Liamba*)
H: annual herb. E: seeds (oil). D: ST.

*CANNACEAE

***CANNA** L.
***indica** L. (*Cana-de-jardim*, *Cana-florífera*, *Erva-conteira*, *Salaconta, Salaconta-blanca, Salaconta-pleta*)
H: rhizomatous perennial herb with red flowers. O. M: 45; 67; 69; 79; 98; 128; 153. D: STP. V: *Paiva 364* (COI).

CAPPARACEAE

BUCHHOLZIA Engl.
coriacea Engl. (*Cola-congo*)
H: tree up to 12 m high, in forest and secondary forest. M: 6; 173; 174. D: ST. V: *Paiva 1271* (COI).

CAPPARIS L.
erythrocarpos Isert
H: shrub or climber, in savanna. D: ST. V: *Lejoly 93/654* (BRLU).
tomentosa Lam.
H: shrub or climber, in savanna. D: ST. V: *Figueiredo 83* (K).

CLEOME L.
gynandra L.
Gynandropsis gynandra (L.) Briq.
H: annual herb. D: ST.
rutidosperma DC. (*Fia-stlela, Mussanfi*)
H: annual herb. M: 61; 89. D: STP. V: *Madureira & Martins 342* (COI).

*CAPRIFOLIACEAE

***SAMBUCUS** L.
***mexicana** C.Presl ex DC.
H: shrub or tree with white flowers. D: ST. V: *Matos 7520* (BRLU).

*CARICACEAE

***CARICA** L.
***papaya** L. (fruit: *Mamom, Papaia*; tree: *Mamoeiro, Papaeira*)
H: small tree. E: fruits. M: 32; 98; 114; 135; 146. D: STP. V: *Madureira & Martins 29* (COI).

CARYOPHYLLACEAE

DRYMARIA Willd. ex Schult.
cordata (L.) Willd. ex Roem. & Schult. (*Chile-branco, Pega-pega, Tchile-blanco*)
H: perennial prostrate herb with white flowers, in secondary forest, plantations, and on roadsides, ruderal. M: 36; 53; 57; 174. D: STP. V: *Paiva 1022* (COI).

STELLARIA L.
mannii Hook.f.
H: annual or perennial herb, in forest. D: ST. V: *Paiva 84* (COI).
***media** (L.) Vill. subsp. **media**
H: annual herb. D: ST.

*CASUARINACEAE

***CASUARINA** L.
***equisetifolia** L.
H: tree. D: ST. V: *Oliveira 236* (BRLU).

CELASTRACEAE

HELICTONEMA Pierre
velutinum (Afzel.) Pierre ex N.Hallé
Hippocratea velutina Afzel.
H: liana with white flowers, in forest. D: ST. V: *Lejoly 97/297* (LISC).

MAYTENUS Molina
[E]**monodii** Exell
N: rare species, collected only once. D: ST.

SALACIA L.
pyriformis (Sabine) Steudel
H: climber, in forest. D: ST.

*CHENOPODIACEAE

***CHENOPODIUM** L.
***album** L. subsp. **album**
H: annual herb. E: leaves. D: ST.
***ambrosioides** L. (*Erva-de-santa-maria, Fiá-madre-matruço, Fiá--matluço, Fia-santa-maia, Folha-santa-maria, Macluso, Mastruço, Masturço, Matluço, Matlusso, Matruço, Milongo-de-febres*)
H: annual, rarely perennial herb, ruderal. E: leaves, seeds. M: 2; 61; 89; 95; 116; 124; 135; 156. D: STP. V: *Paiva 1287* (COI).

?CHRYSOBALANACEAE

?**NEOCARYA** (DC.) Prance ex F.White
?**macrophylla** (Sabine) Prance ex F.White
Parinari macrophylla Sabine
N: doubtful record (Exell 1944, 1973) based on a collection by Don which may have originated from the continent.

?**PARINARI** Aubl.
?**curatellifolia** Planch. ex Benth.
mobola Oliv.
N: doubtful record (Exell 1973) based on a citation by Silva (1958) without specimens.
?**excelsa** Sabine
N: doubtful record (Exell 1944, 1973) based on a collection by Don which may have originated from the continent.

CLUSIACEAE

GARCINIA L.
***mangostana** L. (*Mangostão*)
H: tree. E: fruits. D: ST. V: *Paiva 764* (COI).
?**smeathmannii** (Planch. & Triana) Oliv.
polyantha Oliv.
N: doubtful record (Exell 1944, 1973) based on a collection by Barter that may not be from the islands.

MAMMEA L.
africana Sabine (*Amargoso, Maglôso, Mamão, Mata-passo, Obá, Pau-ová, Pó-ová*)
H: tree, in forest. E: fruits. M: 112. D: STP. V: *Madureira & Martins 444* (COI).

PENTADESMA Sabine
butyracea Sabine (*Mata-passo, Obá, Pó-ová*)
H: tree up to 35 m high, in forest. D: ST.

***PLATONIA** Mart.
***esculenta** (Arruda) Oken (*Bacuri, Bacurizeiro*)
H: tree. E: fruits. D: ST.

SYMPHONIA L.f.
globulifera L.f. (*Oleo-balom, Oleo-barão*)
H: tree up to 40 m high, in forest. M: 5; 133. D: STP. V: *Matos 7524* (BRLU, LISC).

COMBRETACEAE

COMBRETUM Loefl.
***indicum** (L.) DeFilipps
Quisqualis indica L.
H: climbing shrub with white, pink or red flowers. D: ST.
paniculatum Vent.
H: liana with red flowers, in secondary forest. D: P. V: *Oliveira 206/98* (BRLU).

CONOCARPUS L.
erectus L.
H: mangrove shrub or tree. D: ST. V: *Oliveira 38* (BRLU).

***TERMINALIA** L.
***catappa** L. (*Amendoeira-da-India, Caroceiro, Caroço*)
H: tree, in streets and on roadsides. M: 67. D: STP. V: *Paiva 286* (COI), *1343* (COI).

COMMELINACEAE

ANEILEMA R.Br.
beniniense (P.Beauv.) Kunth
H: straggling herb. D: P.

COMMELINA L.
congesta C.B.Clarke (*Bodó-bodó*)
H: creeping perennial herb, in forest. M: 75; 142. D: STP. V: *Figueiredo 37* (K).
diffusa Burm.f. subsp. **diffusa** (*Bodó-bodó, Capim-d'água, Capulo, Dacala, Fia-bodo-bodo, Mucorroana*)

H: annual or perennial herb with blue to violet flowers, ruderal. D: STP. V: *Figueiredo 54* (K).
petersii Hassk.
H: straggling or erect perennial herb with blue flowers, in secondary forest. D: ST. V: *Figueiredo 55* (K).

PALISOTA Rchb. ex Endl.
bracteosa C.B.Clarke
H: herb with pinkish white or white flowers, in forest. D: ST.
pedicellata K.Schum. (*Ucuetê-macaco*, *Vaiélé*)
H: herb, with white flowers, in forest. M: 83; 87; 163. D: STP. V: *Figueiredo 35* (K); *Paiva 1918* (COI).

POLLIA Thunb.
condensata C.B.Clarke (*Bogotó*, *Uquéte-d'obó*)
H: perennial herb with white flowers and blue or violet fruit, in forest. M: 51. D: STP. V: *Figueiredo 100* (K).
mannii C.B.Clarke
H: straggling herb with white flowers. D: ST.

?***RHOEO** Hance
?***spathacea** (Sw.) Stearn
N: recorded by Exell (1944) based on the literature; no specimens known.

STANFIELDIELLA Brenan
imperforata (C.B.Clarke) Brenan var. **imperforata**
H: herb, in forest. D: STP. V: *Figueiredo 116* (K).

***TRADESCANTIA** L.
***zebrina** Heynh. ex Bosse
H: herb with purple flowers. D: STP. V: *Paiva 235* (COI).

CONNARACEAE

AGELAEA Sol. ex Planch.
pentagyna (Lam.) Baill.
coccinea Exell
obliqua (P.Beauv.) Baill. var. *cordata* (G.Schellenb.) Exell
phaeocarpa Exell
reticulata Exell
H: liana, in forest. D: STP. V: *Joffroy 139* (BRLU).
rubiginosa Gilg
principensis Exell
H: liana, in forest. D: P.

CNESTIS Juss.
ferruginea Vahl ex DC. (*Mondim-moela, Muandim-muála*)
H: tree, in forest. M: 22; 95. D: STP. V: *Madureira & Martins 75* (COI).

CONNARUS L.
africanus Lam. (*Corda-anã*)
H: shrub or scandent shrub. D: ST.
griffonianus Baill.
H: woody climber, with white flowers. D: P.

ROUREA Aubl.
parviflora Gilg
H: liana, in forest. D: ST. V: *Carvalho 9* (LISC).

CONVOLVULACEAE

***CUSCUTA** L.
***campestris** Yunck.
H: parasitic herb, in plantations and on roadsides. D: ST. V: *Figueiredo 77* (K).

IPOMOEA L.
***alba** L.
H: liana, with white or pink flowers. D: STP.
***batatas** (L.) Lam. (*Batata-doce*)
H: climber with purple, pink or white flowers, on roadsides. E: tuberous roots. D: STP. V: *Oliveira 82* (BRLU).
cairica (L.) Sweet var. **cairica**
H: climber with white to purple flowers. D: STP.
eriocarpa R.Br.
H: annual herb, white to purple flowers, ruderal. E: leaves. D: ST. V: *Matos 7626* (LISC).
***hederifolia** L.
H: annual climbing herb with red flowers. D: STP.
imperati (Vahl) Griseb.
stolonifera J.F.Gmel.
H: on coastal areas. D: ST.
***indica** (Burm.f.) Merr.
H: perennial climber with blue flowers, in gardens. D: ST. V: *Lejoly 97/275* (BRLU, LISC).
mauritiana Jacq.
H: perennial climber with tuberous roots and flowers reddish purple or mauve. D: ST. V: *Oliveira 1015* (BRLU).
pes-caprae (L.) R.Br. subsp. **brasiliensis** (L.) Ooststr. (*Fia-tataluga, Folha-de-tartaruga*)
H: climber, with white or purple flowers, in coastal areas. D: STP. V: *Paiva 1284* (COI).
***quamoclit** L.
H: annual or perennial climber, with white, red or pink flowers. D: STP. V: *Paiva 1801* (COI).
rubens Choisy
H: perennial climber, with purple or mauve flowers. D: ST.
***setifera** Poir.
H: climber. D: P.
***tiliacea** (Willd.) Choisy
H: liana with yellow-orange flowers. D: STP. V: *Oliveira 561* (BRLU); *Paiva 1303* (COI).

MERREMIA Dennst.
aegyptia (L.) Urb. (*Matazem*)
H: annual climber with purple flowers, in coastal areas. M: 86; 98; 122; 124; 128; 179. D: ST. V: *Paiva 282* (COI).
umbellata (L.) Hallier f. subsp. **umbellata**
H: perennial climber with yellow flowers. D: P.

XENOSTEGIA D.F.Austin & Staples
tridentata (L.) D.F.Austin & Staples subsp. **angustifolia** (Jacq.) Lejoly & Lisowski
Merremia tridentata (L.) Hallier f. subsp. *angustifolia* (Jacq.) Ooststr.
H: trailing herb. D: ST.

CRASSULACEAE

KALANCHOE Adans.
crenata (Andrews) Haw. var. **crenata** (*Fia-damina, Fia-da-mina-qué, Ufiá-cabecê*)
H: succulent herb with yellow, orange or magenta flowers. M: 54; 57; 79; 94; 119; 124; 174. D: ST. V: *Madureira & Martins 72* (COI).
***pinnata** (Lam.) Pers. (*Fia-damina, Folha-da-mina*)
Bryophyllum pinnatum (L.f.) Oken
H: perennial, succulent plant. M: 37; 54; 57; 79; 94; 119; 124; 167; 174. D: STP. V: *Madureira & Martins 139* (COI).

CUCURBITACEAE

CAYAPONIA Silva Manso
africana (Hook.f.) Exell
H: perennial, climbing herb, in forest and secondary forest. D: ST. V: *Figueiredo 249* (LISC).

?**CITRULLUS** Eckl. & Zeyh.
?**lanatus** (Thunb.) Matsum. & Nakai (*Melancia*)
N: annual climbing herb with yellow flowers cultivated for fruit (watermelon), recorded doubtfully for Príncipe (Exell 1944) without recorded specimens.

COCCINIA Wight & Arn.
barteri (Hook.f.) Keay
H: climbing herb, in forest. D: ST. V: *Matos 7419* (BRLU, LISC).

CUCUMIS L.
***sativus** L. (*Pepino*)
H: annual climber with yellow flowers. E: fruits, leaves. D: ST.
metuliferus E.Mey ex Naudin
H: annual climbing or trailing herb. E: fruits. D: ST.

DIPLOCYCLOS (Endl.) Post & Kuntze
palmatus (L.) C.Jeffrey (*Coedano, Stlófi-d'obô, Ucoedano, Uquedano*)
H: perennial climber. M: 47. D: ST. V: *Madureira & Martins 477* (COI).

LAGENARIA Ser.
breviflora (Benth.) Roberty (*Chimom-coiá, Simão-Correia*)
H: perennial climber with yellow flowers, in forest, secondary forest and cultivated ground. M: 5; 22; 53; 87; 150. D: STP. V: *Figueiredo 203* (LISC).
siceraria (Molina) Standl. (*Cabaça, Ocó*)
H: annual climber. E: fruits, leaves. D: ST. V: *Oliveira 226* (BRLU).

LUFFA Mill.
cylindrica (L.) M.Roem. (*Mamalongo*)
aegyptiaca Mill.
H: annual herb or perennial climber with yellow flowers, ruderal. E: young fruits. N: fruits are used as sponges. D: ST. V: *Paiva 1298* (COI).

MOMORDICA L.
charantia L. var. **charantia** (*Chlofi, Fia-sanzom, Melão-de-São-Caetano, Sancaetano, Stlofi, Tloufi*)
H: annual climber or trailer with yellow flowers, in forest and plantations, ruderal. E: fruits, leaves. M: 57; 60; 79; 95; 112; 124; 136; 150; 158; 183. D: STP. V: *Figueiredo 201* (LISC).
charantia L. var. **abbreviata** Ser. (*Chcofi, Fia-estelófi*)
H: annual climber or trailer. E: fruits. D: STP. V: *Paiva 1145* (COI).
foetida Schumach.
H: perennial climbing herb with woody rootstock, ruderal. D: ST. V: *Lejoly 95/111* (BRLU).

PEPONIUM Engl.
vogelii (Hook.f.) Engl. (*Batata-pim-pim*)
H: climbing or trailing herb with yellow flowers. M: 16; 87; 178; 183. D: ST. V: *Paiva 1148* (COI).

***SECHIUM** Juss.
***edule** (Jacq.) Sw. (*Chuchu, Pimpinela*)
H: climber or trailing herb with cream-coloured flowers, on roadsides. E: fruits, leaves, roots. D: ST. V: *Paiva 106* (COI).

ZEHNERIA Endl.
gilletii (De Wild.) C.Jeffrey
H: climbing herb with slender stems. D: ST.
scabra (L.f.) Sond. subsp. **scabra**
H: perennial herb, climbing or trailing, near cultivated ground, on roadsides. D: ST. V: *Paiva 1158* (COI).

*CYCLANTHACEAE

***CARLUDOVICA** Ruíz & Pav.
***palmata** Ruíz & Pav.
H: tufted perennial palm-like plant. D: ST. V: *Paiva 1941b* (COI).

CYPERACEAE

ABILDGAARDIA Vahl
ovata (Burm.f.) Kral
Fimbristylis ovata (Burm.f.) Kern
H: perennial herb. D: ST.

CAREX L.
[E]leptocladus C.B.Clarke
H: herb, in forest. D: ST. V: *Lejoly 94/560* (LISC).

CYPERUS L.
articulatus L.
H: herb. D: P. V: *Oliveira 532* (BRLU).
§**baronii** C.B.Clarke
H: herb. D: ST.
difformis L.
H: annual herb. D: ST.
distans L.f. (*Zuça*)
H: herb, in forest. D: STP. V: *Paiva 80* (COI).
esculentus L.
H: perennial herb. D: STP. V: *Paiva 967* (COI).
exaltatus Retz.
H: herb. D: ST.
haspan L.
H: herb. D: ST.
laxus Lam. subsp. **buchholzii** (Boeckeler) Lye
diffusus Vahl subsp. *buchholzii* (Boeckeler) Kük.
H: herb. D: STP. V: *Lejoly 94/564* (BRLU).
renschii Boeckeler var. **renschii**
sylvicola Ridley
H: herb. D: ST.
rotundus L. (*Zuça*)
H: herb. D: STP.
sphacelatus Rottb.
H: herb, in forest. D: STP. V: *Oliveira 521* (BRLU).

ELEOCHARIS R.Br.
geniculata (L.) Roem. & Schult.
H: herb. D: ST.

FIMBRISTYLIS Vahl
cymosa R.Br.
N: recorded for Príncipe by Exell (1973) based on a reference by Silva (1958); no specimens known.
dichotoma (L.) Vahl
H: perennial herb. D: STP.
ferruginea (L.) Vahl
H: perennial herb. D: ST.

FUIRENA Rottb.
umbellata Rottb.
H: perennial herb. D: ST.

HYPOLYTRUM Rich.
[E]grande (Uittien) Koyama
H: herb. D: STP. V: *Matos 7696* (LISC).
heteromorphum Nelmes
H: herb. D: STP. V: *Joffroy 198* (BRLU).

KYLLINGA Rottb.
erecta Schumach.
H: herb. D: ST. V: *Stévart 167* (BRLU).
nemoralis (J.R.Forst. & G.Forst.) Dandy ex Hutch. & Dalziel
H: perennial herb. D: STP. V: *Oliveira 512* (BRLU).
peruviana Lam.
H: herb. D: STP.
pumila Michx.
H: herb. D: STP. V: *Matos 7604* (LISC).

MAPANIA Aubl.
[E]ferruginea Ridl. (*Pema-d'obo*)
H: herb, in forest. M: 34. D: STP. V: *Paiva 1111* (COI), *1490* (COI).

MARISCUS Vahl
cylindristachyus Steud. (*Zuça*)
alternifolius sensu auct. non Vahl
H: herb, ruderal. D: STP. V: *Paiva 573* (COI), *704* (COI).
dubius (Rottb.) Kük. ex C.E.C.Fisch.
H: herb. D: STP.
flabelliformis Kunth var. **flabelliformis**
H: herb. D: STP. V: *Matos 7453* (LISC).
ligularis (L.) Urb. (*Zuça*)
H: herb. D: STP. V: *Matos 7661* (LISC).
longibracteatus Cherm.
H: herb. D: ST.

PYCREUS P.Beauv.
polystachyos (Rottb.) P.Beauv.
H: herb. D: STP. V: *Matos 7254* (LISC).

REMIREA Aubl.
maritima Aubl.
H: herb. D: P.

RHYNCHOSPORA Vahl
corymbosa (L.) Britton
H: perennial herb. D: ST.

SCLERIA P.J.Bergius
naumanniana Boeckeler
H: herb, in forest. D: STP. V: *Stévart 113* (BRLU).

TORULINIUM Desv. ex Ham.
odoratum (L.) S.S.Hooper
H: herb. D: STP. V: *Paiva 1155* (COI).

DICHAPETALACEAE

DICHAPETALUM Thouars
[E]**bocageanum** (Henriq.) Engl. (*Melambó*)
H: tree (?). D: ST. N: apparently rare; only two collections have been recorded.

DILLENIACEAE

***DILLENIA** L.
***indica** L.
H: shrub or small tree, with white flowers. E: fruits. D: ST. V: *Lejoly 95/051* (BRLU, LISC).

TETRACERA L.
alnifolia Willd. subsp. **alnifolia**
H: liana, in forest. D: STP. V: *Joffroy 134* (BRLU, LISC).

DIOSCOREACEAE

DIOSCOREA L.
***alata** L. (*Gudú, Inhame-branco, Inhame-gudú, Som-longo, Sónlongô*)
H: climber up to 15 m high, producing one tuber. E: tuber. D: ST.
bulbifera L. (*Cará-zambuco, Cuíni, Inhame, Inhame-zambuco, Ofó, Otoni*)
H: climber with small woody tuber and axillary bulbils. E: tuber. M: 5. D: STP. V: *Paiva 1013* (COI), *1476* (COI).
cayenensis Lam. (*Inhame-amarelo, Inhame-branco, Inhame-gundú, Ofó*)
H: climber producing tubers. E: tuber. M: 152. D: STP. V: *Lejoly 98/253* (BRLU); *Paiva 1872* (COI).
dumetorum (Kunth) Pax (*Bofó, Inhame-bravo, Ofó, Quinin, Unquinin*)
H: climber with tubers. E: tuber (famine-food). D: ST.
minutiflora Engl. (*Inhame-de-Benin*)
H: climber with tubers. E: tuber (famine-food). D: ST.
sansibarensis Pax (*Cuini*)
H: climber with tubers. E: tuber (famine-food). D: ST.

DRACAENACEAE

DRACAENA L.
arborea (Willd.) Link (*Pau-sabão, Pó-sabom*)
H: tree to 20 m high, with creamy white flowers. M: 22; 51; 158; 170; 175. D: STP. V: *Madureira & Martins 122* (COI).
aubryana Brongn. ex E.Morren (*Fia-fita*)
monostachya Baker
H: shrub with white to greenish white flowers. D: P. V: *Stévart 241* (BRLU).
laxissima Engl. (*Folha-pempe, Jambele*)
H: shrub to 2 m high, with greenish white flowers. D: STP. V: *Figueiredo 62* (K); *Paiva 618* (COI).

EBENACEAE

DIOSPYROS L.
ferrea (Willd.) Bakh.
H: tree. E: fruits. D: ST.

ERICACEAE

ERICA L.
[E]**thomensis** (Henriq.) Dorr & E.G.H.Oliv. (*Urze*)
H: shrub, in primary forest. D: ST. V: *Matos 7370* (LISC).

***RHODODENDRON** L.
***mucronatum** (Blume) G.Don
H: shrub. D: ST.

ERYTHROXYLACEAE

ERYTHROXYLUM P.Browne
***coca** Lam.
H: shrub. D: ST.
emarginatum Thonn.
H: shrub or small tree, in forest. D: ST. V: *Oliveira 1173* (BRLU).

EUPHORBIACEAE

ACALYPHA L.
amentacea Roxb. subsp. **wilkesiana** (Müll.Arg.) Fosberg
wilkesiana Müll.Arg.
H: shrub. O. D: ST. V: *Stévart 164* (BRLU).
ciliata Forssk.
H: annual herb, in secondary forest. D: ST. V: *Oliveira 344* (BRLU).

ALCHORNEA Sw.
cordifolia (Schumach. & Thonn.) Müll.Arg. (*Bengue, Bugi-bugi, Buje-buje, Bungi-bungi*)
H: shrub or small tree, erect or climbing, in forest, savanna and secondary forest. M: 16; 79; 90; 94; 95; 124; 130; 158. D: STP. V: *Figueiredo 238* (LISC).
hirtella Benth.
H: tree or shrub, in forest. D: STP. V: *Matos 7706* (LISC).
laxiflora (Benth.) Pax & K.Hoffm.
H: shrub or small tree, in savanna. D: ST. V: *Figueiredo 80* (K).

ANTHOSTEMA A.Juss.
aubryanum Baill.
H: tree, in swamps or river margins. D: STP.

ANTIDESMA L.
membranaceum Müll.Arg.
H: shrub or tree, in forest. D: ST. V: *Matos 7635* (LISC).
vogelianum Müll.Arg.
H: shrub or tree, in forest. D: ST. V: *Figueiredo 241* (LISC).

***BREYNIA** J.R.Forst. & G.Forst.
***disticha** J.R.Forst. & G.Forst. (*Filanto, Lágrima-de-Cristo, Pau-flôr, Pó-floli*)
nivosa (W.G.Sm.) Small
H: shrub, used as hedge plant. O. M: 94; 150. D: ST. V: *Paiva 653* (COI).

BRIDELIA Willd.
micrantha (Hochst.) Baill. (*Gigô, Muindo, Vundem*)
stenocarpa Müll.Arg.
H: tree, in forest. M: 13; 22; 56; 57; 71; 134; 177. D: STP. V: *Madureira & Martins 261* (COI).

CAPERONIA A.St.-Hil.
latifolia Pax
H: herb, by watercourses. D: ST.

CAVACOA J.Léonard
quintasii (Pax & K.Hoffm.) J.Léonard
H: tree up to 20 m high, in forest. D: ST.

***CHAMAESYCE** Gray
***hirta** (L.) Millsp. (*Belo-vlêmê, Fia-sanopê, Folha-centopeia*)
H: herb, ruderal. M: 5; 28; 77; 98; 174. D: STP. V: *Paiva 271* (COI).
***hyssopifolia** (L.) Small
H: annual herb. D: STP.
***prostrata** (Aiton) Small (*Cento, Centopeia, Fia-cento, Fiá-flêminga--blanco, Folha-formiga*)
H: herb, ruderal. M: 10; 64; 98; 117; 161. D: STP. V: *Paiva 291* (COI).
***serpens** (Kunth) Small (*Fia-flomiga, Folha-formiga*)
H: herb, ruderal. D: ST. V: *Paiva 122* (COI).

CLEISTANTHUS Hook.f. ex Planch.
libericus N.E.Br. (*Nono, Vilo, Vilo-pleto, Viro-preto*)
H: shrub or small tree, in forest. D: ST. V: *Matos 7691* (LISC).

***CODIAEUM** Rumph. ex A.Juss.
***variegatum** (L.) Blume ex A.Juss. var. **variegatum**
N: ornamental shrub recorded by Exell (1944) based on a literature citation; no specimens known.

CROTON L.
draconopsis Müll.Arg. (*Pau-purga*)
H: tree, in forest. D: ST. V: *Oliveira 1323* (BRLU).

CROTON L. (cont.)
[E]**stellulifer** Hutch. (*Cubango*)
H: tree, in forest. M: 6; 9. D: STP. V: *Madureira & Martins 483* (COI).

DISCOCLAOXYLON (Müll.Arg.) Pax & K.Hoffm.
[E]**occidentale** (Müll.Arg.) Pax & K.Hoffm.
H: tree, in forest. D: STP. V: *Joffroy 230* (BRLU); *Matos 7502* (LISC).

DISCOGLYPREMNA Prain
caloneura (Pax) Prain (*Pau-branco, Pó-blanco*)
H: tree, in forest. D: ST.

DRYPETES Vahl
[E]**glabra** (Pax) Hutch. (*Mama-d'obô, Mamon-d'obô*)
H: tree in forest. D: ST. V: *Matos 7235* (LISC).
[E]**henriquesii** (Pax) Hutch. (*Mamon-d'obô, No-no*)
H: tree, in forest. M: 8; 22. D: ST. V: *Madureira & Martins 407* (COI).
principum (Müll.Arg.) Hutch.
H: tree, in forest. D: P.

ELAEOPHORBIA Stapf
drupifera (Thonn.) Stapf (*Maglôso, Margoso, Pága-oé, Paga-ôlho, Paga-olho-de-marcação, Paga-uê, Pága-ué, Pau-amargoso, Tapa-oê*)
H: tree, in forest edges. M: 13; 177. D: STP. V: *Paiva 1169* (COI).

ERYTHROCOCCA Benth.
[E]**columnaris** (Müll.Arg.) Prain
H: shrub or small tree, in forest. D: P. V: *Oliveira 215/98* (BRLU).
[E]**molleri** (Pax) Prain (*Bugi-bugi, Lutchica*)
H: shrub or small tree, in forest. D: ST. V: *Figueiredo 252* (LISC).

EUPHORBIA L.
cervicornu Baill.
H: perennial herb. D: ST.
***heterophylla** L.
H: herb, on roadsides. D: ST. V: *Paiva 108* (COI).
***peplus** L.
H: annual herb. D: ST.
***pulcherrima** Willd. ex Klotzsch
H: herb, in gardens. D: ST. V: *Paiva 830* (COI).
***tirucalli** L. (*Álvo-sin-fiá, Árvore-sem-folha*)
H: shrub or tree, used as hedge plant. O. M: 27; 57; 146. D: ST. V: *Madureira & Martins 67* (COI).

EXCOECARIA L.
guineensis (Benth.) Müll.Arg.
H: shrub, in forest. D: P.

GROSSERA Pax
[E]**elongata** Hutch.
H: tree with white flowers, in forest. D: P.
multinervis J.Léonard
H: tree with white flowers, in forest and plantations. D: ST. V: *Matos 7648* (LISC).

***HEVEA** Aubl.
***brasiliensis** (A.Juss.) Müll.Arg. (*Borracha*)
H: tree, in plantations. D: ST. V: *Paiva 826* (COI).
***guianensis** Aubl.
N: recorded by Exell (1944) based on a citation by Henriques without specimens.

***JATROPHA** L.
***curcas** L. (*Folha-grão, Glom-maluco, Glon, Grão-maluco, Pau-glon, Pau-pixe, Purgueira*)
H: shrub or tree, in plantations and on roadsides. M: 120; 146. D: ST. V: *Paiva 111* (COI).
***multifida** L. (*Flom-gongô, Glom-congô, Glom-góngô*)
H: shrub or tree, used as hedge plant. M: 120; 146. D: STP. V: *Paiva 793* (COI).

KLAINEANTHUS Pierre ex Prain
gabonii Pierre
H: tree, in forest. D: ST.

MACARANGA Thouars
monandra Müll.Arg. (*Begbe, Bêgbê, Pó-ngamala*)
H: shrub or tree, in forest. D: ST.

MAESOBOTRYA Benth.
[E]**glabrata** (Hutch.) Exell
H: shrub or small tree, in forest and secondary forest. D: STP. V: *Oliveira 553* (BRLU), *1391* (BRLU).

***MANIHOT** Mill.
***esculenta** Crantz (*Mandioca*)
H: shrub or undershrub with green flowers, on roadsides and cultivated ground. E: roots, leaves. M: 13; 32; 114. D: ST. V: *Paiva 1037* (COI).
***glaziovii** Müll.Arg.
H: shrub or tree.O. D: STP.

MANNIOPHYTON Müll.Arg.
fulvum Müll.Arg. (*Congo-gloncongo*)
H: straggling bush or liana, in forest. D: STP.

MARGARITARIA L.f.
discoidea (Baill.) G.L.Webster var. **discoidea** (*Pau-ferro, Pó-felo, Suvi*)
Phyllanthus discoideus (Baill.) Müll.Arg.
H: tree, in forest and secondary forest. M: 87; 124; 173. D: STP. V: *Madureira & Martins 467* (COI); *Paiva 936* (COI).

NEOBOUTONIA Müll.Arg.
mannii Benth. (*Pluga-mato*)
H: tree, in forest. M: 146. D: STP. V: *Madureira & Martins 485* (COI).

PHYLLANTHUS L.
***amarus** Schumach. & Thonn. (*Cafena-tlache, Ucuê-clache, Uê--tlache*)
H: annual herb, ruderal. M: 77; 98; 117; 130; 178; 179; 181. D: STP. V: *Pagué 4* (COI); *Paiva 1500* (COI).
dinklagei Pax
H: climbing shrub in secondary forest. D: ST. V: *Lejoly 97/357* (BRLU, LISC).
gagnioevae Brunel & J.P.Roux
odontadenius Müll.Arg.
H: annual or perennial herb, woody at base, in forest. D: STP. V: *Paiva 565* (COI), *1018* (COI).
muellerianus (Kuntze) Exell
H: shrub or climber, occasionally tree, in forest. D: ST. V: *Matos 7451* (LISC).
physocarpus Müll.Arg.
H: straggling tree, in forest. N: collected also in Nigeria once. D: P.
tessmannii Hutch.
H: shrub or tree, in forest. D: ST.
urinaria L. (*Cafena-tlache, Ucuê-clache, Uê-tlache*)
H: annual herb, ruderal. M: 77; 98; 117; 130; 178; 179; 181. N: very similar to *P. amarus* and not distinguished from that species by the local population. D: ST. V: *Madureira & Martins 300* (COI).

PROTOMEGABARIA Hutch.
macrophylla (Pax) Hutch.
H: tree, in forest. D: STP. V: *Oliveira 154/98* (BRLU).

PSEUDAGROSTISTACHYS Pax & K.Hoffm.
africana (Müll.Arg.) Pax & K.Hoffm. subsp. **africana** (*Cacau-de-obô, Dumo-branco*)
H: shrub or tree, with white flowers, in forest. D: ST. V: *Matos 7578* (LISC).

***RICINUS** L.
***communis** L. (*Mamanododo, Mamóna, Mamono, Mámónó, Mamonon, Rícino, Zague-zague*)
H: shrub, ruderal. M: 39; 69; 146; 174. D: STP. V: *Paiva 801* (COI).

SCLEROCROTON Hochst**.**
cornutus (Pax) Kruijt & Roebers
Sapium cornutum Pax
H: climbing shrub or tree, in forest. D: ST. V: *Oliveira 7* (BRLU).

SHIRAKIOPSIS Esser
elliptica (Hochst.) Esser (*Pau-maria*)
Sapium ellipticum (Hochst.) Pax
H: shrub or tree, in secondary forest. D: ST. V: *Lejoly 97/201* (BRLU, LISC).

TETRORCHIDIUM Poepp.
didymostemon (Baill.) Pax & K.Hoffm. (*Branco, Pau-branco, Pau--mole, Pó-blanco, Pó-moli*)
H: tree, in secondary forest. D: ST. V: *Oliveira 1546* (BRLU).

THECACORIS A.Juss.
[E]**manniana** (Müll.Arg.) Müll.Arg. (*Pau-fígado*)
H: tree, ± 12 m high, in forest. D: ST.
[E]**membranacea** Pax
H: shrub, in secondary forest. D: ST. V: *Oliveira 62/98* (LISC).
stenopetala (Müll.Arg.) Müll.Arg.
H: small tree up to 6 m high with greenish white flowers, in forest. D: P.

TRAGIA L.
tenuifolia Benth.
H: climbing undershrub, in forest. D: ST.

UAPACA Baill.
guineensis Müll.Arg. (*Mangue-d'obô, Nêspera-de-bosque, Nespla--d'obô*)
H: tree, in forest and secondary forest. M: 3; 22; 61; 124. D: STP. V: *Madureira & Martins 171* (COI).

*?**VERNICIA** Lour.
*?**cordata** (Thunb.) Airy Shaw (*Aleurite*)
Aleurites cordata (Thunb.) R.Br. ex Steud.
N: recorded by Exell (1973) based on a citation by Silva (1958) without specimens.

FABACEAE

ABRUS Adans.
precatorius L.
H: climbing herb with pink to purple flowers and black and scarlet seeds. D: ST. V: *Matos 7320* (LISC).

ACACIA Mill.
***farnesiana** (L.) Willd. (*Bana-muála*)
H: shrub or tree with yellow flowers. D: ST.
kamerunensis Gand. (*Piam-fôgô*)
H: liana or climbing shrub, in forest. M: 122; 165. D: ST. V: *Madureira & Martins 211* (COI).
***nilotica** (L.) Willd. ex Delile subsp. **indica** (Benth.) Brenan
H: tree. D: ST.
pentagona (Schumach.) Hook.f.
H: liana, in forest. D: P.

***ADENANTHERA** L.
***pavonina** L. (*Acácia-coral*)
H: tree with small yellowish flowers and scarlet lens-shaped seeds. D: ST. V: *Matos 7681* (BRLU, LISC).

AESCHYNOMENE L.
indica L.
H: annual or perennial herb. D: STP.

***ALBIZIA** Durazz.
***lebbeck** (L.) Benth.
H: tree, with purple flowers. D: ST. V: *Figueiredo 90* (K).
***procera** (Roxb.) Benth.
H: tree. D: ST.

ALYSICARPUS Desv.
vaginalis (L.) DC. var. **vaginalis**
H: perennial herb with pink flowers. D: ST.

***ARACHIS** L.
***hypogaea** L. (*Amendoim, Ginguba, Gumbá*)
H: annual herb with yellow flowers. E: seeds. M: 27; 103; 154. D: ST. V: *Madureira & Martins s.n.* (COI).

BAPHIA Afzel. ex Lodd.
nitida Lodd.
H: shrub or tree, in rainforest and coastal areas. D: ST. V: *Oliveira 529* (BRLU); *Stévart 166* (BRLU).

***BAUHINIA** L.
***monandra** Kurz
H: tree with pink flowers. D: ST. V: *Figueiredo 86* (K).
***purpurea** L.
Perlebia purpurea (L.) A.Schmitz
H: shrub with purple flowers. D: ST. V: *Paiva 832* (COI).
***tomentosa** L.
Pauletia tomentosa (L.) A.Schmitz
H: shrub or tree with large yellow flowers. D: ST.

CAESALPINIA L.
bonduc (L.) Roxb. (*Hidó-hidó, Ido-ido*)
H: shrub or tree. M: 27; 170. D: ST. V: *Madureira & Martins 448* (COI).
***pulcherrima** (L.) Sw.
H: tree with red and yellow flowers. O. D: STP.

***CAJANUS** DC.
***cajan** (L.) Millsp. (*Feijão-congo, Fezom-côngô, Uandrú*)
H: perennial shrub with yellow flowers. E: seeds. M: 106. D: STP. V: *Madureira & Martins 331* (COI).

***CALOPOGONIUM** Desv.
***mucunoides** Desv.
H: annual or perennial climber with blue flowers. D: ST.

CANAVALIA DC.
***ensiformis** (L.) DC.
H: annual climber with white flowers. E: young pods or immature seeds. D: ST.
rosea (Sw.) DC. (*Fia-açançá*)
maritima Thouars
H: herb with blue flowers, in coastal areas. D: ST. V: *Paiva 980* (COI).

CASSIA L. emend. Gaertn.
***alata** L.
H: shrub ± 4 m high with yellow flowers. D: ST.
***fistula** L. (*Canafístula, Canapistula, Cassia-oficinal*)
H: deciduous or semi-evergreen tree up to 15 m high, with scented, pale or vivid yellow flowers. M: 79; 87; 98; 103; 114; 119. D: ST. V: *Madureira & Martins 326* (COI).
***javanica** L.
H: tree ± 6 m high, with purple to pink flowers. D: ST.
mannii Oliv.
sieberiana sensu auct. non DC.
H: tree with white or pink flowers, in forest. D: STP.
***obtusifolia** L
Senna obtusifolia (L.) Irwin & Barneby
H: annual or perennial herb or undershrub, possibly introduced. D: ST.
***occidentalis** L. (*Fedegoso, Maioba, Maiopa, Manhanoca, Munhanóca*)
H: herb or undershrub with yellow flowers, on roadsides. M: 19; 27; 53; 57; 77; 98; 99; 103; 114; 135; 158. D: STP. V: *Paiva 1067* (COI).
podocarpa Guill. & Perr. (*Fia-zaia, Folha-zaia*)
H: shrub with yellow flowers. M: 68; 146; 178. D: ST. V: *Madureira & Martins 309* (COI).
senna L. (*Maloba*)
angustifolia Vahl
H: shrub with yellow flowers. D: ST. V: *Paiva 1288* (COI).
septemtrionalis Viv.
floribunda sensu auct. non Cav.
laevigata Willd.
Senna septemtrionalis (Viv.) H.S.Irwin & Barneby
H: undershrub with yellow flowers, on roadsides. D: ST. V: *Figueiredo 112* (K).
***siamea** Lam.
H: tree with yellow flowers. D: ST.
***sophera** L. (*Maioba-beni*)
H: shrub with yellow flowers. D: STP.
***spectabilis** DC.
H: tree with yellow flowers. D: ST. V: *Paiva 254* (COI).

***CENTROSEMA** Benth.
***plumieri** (Pers.) Benth.
H: climbing shrub. D: ST. V: *Oliveira 913* (BRLU).
***pubescens** Benth.
H: climber with purple flowers, on roadsides. M: 146; 186. D: ST. V: *Paiva 972* (COI).

*?**CERCIS** L.
*?**siliquastrum** L. (*Olaia*)
N: recorded by Exell (1973) based on a citation by Silva (1958) without specimens.

CHAMAECRISTA Moench
pratensis (R.Vig.) Du Puy
Cassia mimosoides L.
H: herb with yellow flowers. D: ST. V: *Lejoly 93/653* (BRLU).

CLITORIA L.
falcata Lam**.**
rubiginosa Juss. ex Pers.
H: climber with white flowers streaked with mauve or red. M: 64. D: ST. V: *Paiva 1198* (COI).
ternatea L. var. **ternatea**
H: perennial climbing herb. M: 64; 119. D: ST. V: *Madureira & Martins 351* (COI).

?**COLOPHOSPERMUM** J.Kirk ex J.Léonard
?**mopane** (J.Kirk ex Benth.) J.Kirk ex J.Léonard
N: doubtfully recorded by Exell (1973) based on a citation by Silva (1958) without specimens.

CROTALARIA L.
doniana Baker
H: perennial herb. D: ST.
ochroleuca G.Don
H: annual herb. D: ST.
pallida Aiton var. **obovata** (G.Don) Polhill
mucronata Desv.
H: annual or perennial herb or shrub. D: STP.
retusa L. var. **retusa** (*Maleboque, Malimboque, Marimboque*)
H: herb with yellow and pink flower, ruderal. M: 146. D: STP. V: *Paiva 978* (COI).
trichotoma Bojer
zanzibarica Benth.
H: annual or perennial herb. D: ST.

CYNOMETRA L.
mannii Oliv. (*Quebla-machado, Zungo, Zungu*)
H: tree up to 20 m high, in forest. M: 33; 146; 186. D: ST. V: *Figueiredo 245* (LISC).

DALBERGIA L.f.
ecastaphyllum (L.) Taub. (*Majá, Popian*)
H: shrub or tree, in mangroves and coastal bush. D: STP. V: *Paiva 1168* (COI).

?**DANIELLIA** Benn.
?**oblonga** Oliv.
N: very large tree, reported by Exell (1944) based on *Chevalier 14227* (S.Tomé, Porto Alegre), a collection not seen by Exell nor by us.

***DELONIX** Raf.
***regia** (Bojer ex Hook.) Raf.
H: tree with red flowers. O. D: ST. V: *Paiva 800* (COI).

***DESMANTHUS** Willd.
***virgatus** (L.) Willd. (*Fiá-foguete, Pau-foguete, Pó-fuguete*)
H: undershrub with white or yellow flowers, on roadsides, ruderal. M: 5; 133. D: STP. V: *Figueiredo 91* (K).

DESMODIUM Desv.
adscendens (Sw.) DC. var. **adscendens** (*Fia-vintém, Pega-pega*)
H: perennial herb with pink flowers. M: 3; 11; 174. D: STP. V: *Madureira & Martins 142* (COI).
gangeticum (L.) DC.
H: perennial herb or shrub. D: STP. V: *Oliveira 1198* (BRLU).
***incanum** DC. (*Pega-pega, Vala-casé*)
canum (J.F.Gmel) Schinz & Thell.
H: perennial herb with purple flowers, on roadsides and in plantations. M: 61. D: STP. V: *Figueiredo 45* (K); *Paiva 1416* (COI).
***procumbens** (Mill.) Hitchc.
H: herb. D: ST. V: *Matos 7324* (BRLU).
ramosissimum G.Don (*Pega-pega*)
H: shrub with white and mauve flowers. M: 61; 112; 158; 168; 183. D: STP. V: *Madureira & Martins 287* (COI); *Stévart 160* (BRLU).
repandum (Vahl) DC.
H: perennial herb or shrub with orange red flowers, in secondary forest and plantations. D: ST. V: *Figueiredo 109* (K).
salicifolium (Poir.) DC.
H: perennial herb or shrub. D: ST. V: *Stévart 16* (BRLU).
***tortuosum** (Sw.) DC.
H: perennial herb or undershrub with purple flowers, on roadsides. D: ST. V: *Paiva 409* (COI).
triflorum (L.) DC.
H: annual or perennial herb. D: STP.
velutinum (Willd.) DC. subsp. **velutinum** (*Valacasei*)
H: woody perennial herb or shrub, in savanna. D: STP. V: *Matos 7327* (LISC).

DIALIUM L.
guineense Willd. (*Salambá*)
H: tree. D: STP. V: *Matos 7686* (LISC).

DIOCLEA Kunth
reflexa Hook.f. (*Coda-ipé, Códó-plégo, Corda-iplé*)
H: climbing shrub. D: STP. V: *Matos 7276* (LISC).

ERYTHRINA L.
?**caffra** Thunb.
N: doubtful record of a South African species (Exell 1944) based on a literature citation; no specimens known.
droogmansiana De Wild. & T.Durand
H: shrub or tree up to 20 m high, in forest. D: ST.
***fusca** Lour.
H: tree. D: ST. V: *Paiva 150* (COI).
***mitis** Jacq.
umbrosa Kunth
N: recorded by Exell (1973) based on a citation by Silva (1958); no specimens known.
***poeppigiana** (Walp.) O.F.Cook (*Litrina*)
H: tree, in plantations and secondary forest. M: 58; 191. D: ST. V: *Figueiredo 118* (K).
variegata L. (*Litrina*)
indica Lam.
H: tree. M: 58; 191. D: STP. V: *Figueiredo 234* (LISC).
***velutina** Willd.
N: recorded by Exell (1944, 1973) and by Silva (1958); no specimens known.

FAIDHERBIA A.Chev.
albida (Delile) A.Chev.
H: tree up to 18 m high with yellow flowers. D: ST.

***HAEMATOXYLUM** L.
***campechianum** L.
H: tree. D: ST.

INDIGOFERA L.
astragalina DC.
H: annual herb. D: ST.
colutea (Burm.f.) Merr. var. **colutea**
H: annual semi-woody herb. D: ST.
hirsuta L. var. **hirsuta**
H: annual semi-woody herb. D: ST.
spicata Forssk. var. **spicata** (*Bancá*)
H: perennial herb. M: 99; 126. D: ST. V: *Madureira & Martins 286* (COI).
***suffruticosa** Mill. (*Agô*)
H: undershrub, possibly introduced. D: ST. V: *Lejoly 97/294* (LISC).
tinctoria L. var. **tinctoria** (*Agô, Agô-mato, Anileiro*)
H: shrub. N: one of the original plants used to produce indigo dye. D: STP. V: *Matos 7321* (LISC).
trita L.f. var. **subulata** (Vahl ex Poir.) Ali
H: woody herb. D: ST. V: *Matos 7231* (LISC).

***INGA** Mill.
***edulis** Mart. (*Cajareiro, Cajaseiro, Ingareiro, Ingaseiro*)
H: tree. E: fruits. D: STP. V: *Figueiredo 53* (K).

***LEUCAENA** Benth.
***leucocephala** (Lam.) de Wit (*Leucena, Pau-foguete*)
H: shrub or tree with white flowers, ruderal. D: STP. V: *Figueiredo 92* (K).

LONCHOCARPUS Kunth
sericeus (Poir.) Kunth (*Colema, Colima, Colma*)
H: shrub or small tree with lilac flowers, in savanna. M: 146; 175. D: STP. V: *Madureira & Martins 487* (COI).

MACHAERIUM Pers.
lunatum (L.f.) Ducke
Drepanocarpus lunatus (L.f.) G.Mey.
H: shrub with purple flowers, in coastal areas. D: STP.

MILLETTIA Wight & Arn.
barteri (Benth.) Dunn (*Cólima-doido*)
H: shrub or liana. M: 147; 167. D: ST. V: *Madureira & Martins 423* (COI).
griffoniana Baill.
Lonchocarpus griffonianus (Baill.) Dunn
H: tree up to 10 m high, with reddish purple flowers. D: ST.
thonningii (Schumach. & Thonn.) Baker (*Cólima, Cólima-fria, Colma*)
H: tree up to 18 m high, with reddish purple flowers. D: ST.

***MIMOSA** L.
***polydactyla** Humb. & Bonpl. ex Willd. (*Fiá-malícia, Fissopé, Mafi--sopé*)
H: perennial herb with white flowers. D: STP. V: *Paiva 713* (COI).
***pudica** L. var. **hispida** Brenan (*Fia-malicha, Fia-malichia*)
H: annual or perennial herb. M: 167; 170. D: ST. V: *Paiva 156* (COI).

MUCUNA Adans.
flagellipes Hook.f.
H: liana with creamy white or yellowish flowers, in coastal areas. D: STP. V: *Matos 7651* (LISC).
pruriens (L.) DC. var. **pruriens** (*Macunjá*)
H: climber with violet flowers. E: seeds. M: 27; 98. D: ST. V: *Madureira & Martins 284* (COI); *Paiva 1874* (COI).
sloanei Fawc. & Rendle
H: climber with yellow flowers. D: ST.

NEONOTONIA J.A.Lackey
wightii (Wight & Arn.) J.A.Lackey
Glycine wightii (Wight & Arn.) Verdc.
H: perennial climber with small white or mauve flowers. D: ST.

ORMOCARPUM P.Beauv.
sennoides (Willd.) DC. subsp. **hispidum** (Willd.) Brenan & J.Léonard
H: shrub with red-streaked yellow flowers. M: 22; 61; 150. D: ST. V: *Madureira & Martins 332* (COI).
verrucosum P.Beauv. var. **verrucosum**
H: shrub with white or lilac, purple-striped flowers, in swamps and by the sea. D: STP. V: *Matos 7270* (LISC).

*?**ORMOSIA** Jacks.
*?**dasycarpa** Jacks.
N: record (Exell 1973) based on a citation by Silva (1958) without specimens.

***PARASERIANTHES** I.C.Nielsen
***falcataria** (L.) I.C.Nielsen (*Acácia, Molucana*)
Albizia falcata (L.) Backer
A. falcataria (L.) Fosberg
H: tree, in disturbed forest. D: ST. V: *Paiva 1061* (COI).

PARKIA R.Br.
biglobosa (Jacq.) R.Br. ex G.Don (*Farroba, Luba, Lubá, Luva, Uluba*)
oliveri J.F.Macbr.
H: tree with orange or red flowers, in savanna. E: seeds. D: ST. V: *Matos 7707* (BRLU, LISC).

***PELTOPHORUM** (Vogel) Benth.
***pterocarpum** (DC.) K.Heyne
H: tree up to 17 m high with yellow flowers. D: ST.

PENTACLETHRA Benth.
macrophylla Benth. (*Moandim, Moandjim, Mondim, Muandi, Muandim, Muange, Sicupira, Uba*)
H: large tree with yellowish creamy flowers, in secondary forest. E: seeds. M: 8; 95; 124; 149. D: STP. V: *Paiva 11* (COI), *1475* (COI).

***PHASEOLUS** L.
***lunatus** L. (*Feijão-cutelinho, Feijão-espadinho*)
H: annual or perennial climber with white flowers. E: fruits, seeds. D: ST.
***vulgaris** L. var. **vulgaris** (*Feijão*)
H: annual climber with white or pink flowers. E: seeds. D: ST.

PSOPHOCARPUS Neck.
scandens (Endl.) Verdc.
H: perennial climbing herb with blue flowers, on roadsides. D: ST. V: *Paiva 946* (COI).

***PTEROCARPUS** Jacq.
***indicus** Willd.
H: tree with yellow flowers. D: ST.

***PUERARIA** DC.
***phaseoloides** (Roxb.) Benth. var. **javanica** (Benth.) Baker
H: climber. E: roots. D: ST.

RHYNCHOSIA Lour.
densiflora (Roth) DC. subsp. **debilis** (G.Don) Verdc.
H: climber. D: ST.
minima (L.) DC. var. **prostrata** (Harv.) Meikle (*Sodom-campo*)
H: prostrate herb with yellow flowers. M: 67; 96; 146; 167. D: ST. V: *Madureira & Martins 327* (COI).

***SAMANEA** Benth.
***saman** (Jacq.) Merr. (*Acácia-preta, Inga-saman, Pau-chuva*)
H: large tree. D: ST.

SESBANIA Scop.
sericea (Willd.) Link
H: annual or biennial herb. D: ST. V: *Matos 7406* (LISC).

SOPHORA L.
tomentosa L. subsp. **occidentalis** (L.) Brummitt
H: shrub with yellow flowers. D: ST.

***TAMARINDUS** L.
***indica** L. (tree: *Tamanhã, Tamarindeiro*; fruit: *Tamarindo*)
H: tree with yellow flowers with orange or red streaks. E: fruits. D: STP. V: *Paiva 817* (COI).

TEPHROSIA Pers.
***candida** (Roxb.) DC. (*Bancá*)
H: shrub or small tree. O. M: 139. D: ST V: *Madureira & Martins 569* (COI).
noctiflora Bojer ex Baker
H: annual or perennial herb. D: ST. V: *Matos 7700* (LISC).
platycarpa Guill. & Perr.
flexuosa G.Don
H: annual herb woody at base, with pink or purple flowers. D: ST.
purpurea (L.) Pers. subsp. **leptostachya** (DC.) Brummitt var. **pubescens** Baker
H: perennial herb. D: ST.
uniflora Pers. subsp. **uniflora**
H: perennial herb with pink flowers. D: ST. V: *Matos 7328* (LISC).
vogelii Hook.f. (*Baméa, Bancá, Cafoto*)
H: woody herb with white or violet flowers. D: STP.

TERAMNUS P.Browne
labialis (L.f.) Spreng. subsp. **arabicus** Verdc.
H: climber with reddish flowers. D: STP. V: *Paiva 979* (COI).

TETRAPLEURA Benth.
tetraptera (Schumach. & Thonn.) Taub. (*Cuspila, Cuspira*)
H: tree with yellowish to pinkish flowers. D: ST.

URARIA Desv.
picta (Jacq.) DC. (*Fiá-placela*)
H: undershrub with pink, blue or reddish flowers, in savanna. D: ST. V: *Matos 7460* (LISC).

*?**VICIA** L.
*?**faba** L. (*Fava, Faveira*)
N: record (Exell 1973) based on a citation by Silva (1958) without specimens.

VIGNA Savi
adenantha (G.F.Mey.) Maréchal, Mascherpa & Stainier
Phaseolus adenanthus G.Mey.
H: perennial climber. D: ST.
gracilis (Guill. & Perr.) Hook.f.
H: twining herb with yellow flowers. D: P. V: *Stévart 14* (BRLU).

VIGNA Savi (cont.)
luteola (Jacq.) Benth. var. **luteola**
oblonga sensu auct. non Benth.
H: perennial climber. D: ST. V: *Matos 7517* (LISC).
racemosa (G.Don) Hutch. & Dalz.
H: perennial climbing herb with blue flowers. D: STP. V: *Figueiredo 206* (LISC).
unguiculata (L.) Walp. subsp. **alba** (G.Don) Pasquet
alba (G.Don) Planch. ex Baker f.
unguiculata subsp. *dekindtiana* sensu auct. non (Harms) Verdc.
H: perennial herb with white or bluish-purple flowers. E: seeds. D: ST. V: *Matos 7620* (LISC).

***ZORNIA** J.F.Gmel.
***latifolia** Sm. var. **latifolia**
H: annual or perennial herb with yellow flowers, in savanna. D: P. V: *Matos 7764* (LISC).

FLACOURTIACEAE

CASEARIA Jacq.
barteri Mast. (*Bôbô-bôbô, Inhé-bobô*)
mannii Mast.
H: shrub or tree, in forest and secondary forest. D: STP. V: *Figueiredo 242* (LISC).

FLACOURTIA Comm. ex L'Hér.
indica (Burm.f.) Merr.
flavescens Willd.
H: climbing shrub or tree, in forest. E: fruits. D: ST.

HOMALIUM Jacq.
africanum (Hook. f.) Benth. (*Quebra-machado*)
H: shrub, in forest. D: ST.
[E]**henriquesii** Gilg ex Engl. (*Quebra-machado*)
H: tree, in forest. M: 33; 146; 186. D: ST. V: *Madureira & Martins 410* (COI).

ONCOBA Forssk.
spinosa Forssk. (*Dibixi, Malebouque, Malimboque*)
H: shrub, in forest and savanna. M: 168. D: ST. V: *Figueiredo 243* (LISC).

OPHIOBOTRYS Gilg
zenkeri Gilg (*Clacia, Claclá, Cuaco-bangana, Stlala-stlala*)
H: shrub or tree, in forest. M: 17. D: ST. V: *Madureira & Martins 624* (COI).

*FUMARIACEAE

***FUMARIA** L.
***muralis** Sond. ex W.D.J.Koch
H: herb with pink flowers. D: ST. V: *Lejoly 98/214* (BRLU).

GENTIANACEAE

ANTHOCLEISTA Afzel. ex R.Br.
microphylla Wernham
H: tree or climber with white flowers, in forest and secondary forest. D: STP. V: *Figueiredo 67* (K).
nobilis G.Don
macrophylla G.Don
H: tree with white flowers, in forest and secondary forest. D: STP. V: *Matos 7449* (LISC); *Oliveira 221/98* (BRLU).
scandens Hook.f.
H: tree or climber with white flowers, in forest and secondary forest. D: ST. V: *Matos 7359* (LISC).

GESNERIACEAE

EPITHEMA Blume
tenue C.B.Clarke
H: herb, in forest. D: ST.

STREPTOCARPUS Lindl.
elongatus Engl.
thomensis Exell
H: herb up to 0.3 m high with white flowers, in forest. D: ST. V: *Matos 7674* (LISC).
nobilis C.B.Clarke
H: herb, in forest. D: ST.

GOODENIACEAE

SCAEVOLA L.
plumieri (L.) Vahl
H: shrub, in littoral regions. D: ST.

HERNANDIACEAE

HERNANDIA L.
[E]**beninensis** Welw. ex Henriq. (*Bungá, Pau-candeia*)
H: tree, in forest. M: 92; 160. D: ST. V: *Madureira & Martins 22* (COI).

?*HYDRANGEACEAE

?***HYDRANGEA** L.
?**sp**.
N: recorded by Exell (1944) based on a citation by Chevalier; no specimens known.

HYPERICACEAE

HARUNGANA Lam.
madagascariensis Lam. ex Poir. (*Pau-sangue, Pó-sangue, Sangue*)
H: shrub or small tree, in forest and secondary forest. M: 13; 124. D: STP. V: *Madureira & Martins 460* (COI); *Paiva 1060* (COI).

*IRIDACEAE

***NEOMARICA** Sprague
***caerulea** (Ker Gawl.) Sprague
D: STP.

IRVINGIACEAE

IRVINGIA Hook.f.
gabonensis (Aubry-Lecomte ex O'Rorke) Baill. (*Manga-macaco*)
H: tree, in forest. D: P.

JUNCACEAE

LUZULA DC.
mannii (Buchenau) Kirschner & Cheek subsp. **mannii**
campestris (L.) DC. var. *mannii* Buchenau
H: perennial herb. D: ST.

LAMIACEAE

ACHYROSPERMUM Blume
oblongifolium Baker (*Beganssom, Folha-belga*)
H: undershrub with green-white flowers. M: 5; 51. D: ST. V: *Madureira & Martins 310* (COI).

?**ELSHOLTZIA** Willd.
?**sp**.
N: recorded for S.Tomé by Exell (1944) based on a literature citation; no specimens known.

LEONOTIS (Pers.) R.Br.
nepetifolia (L.) R.Br. (*Penicano, Pinicane, Pinincano*)
H: herb up to ± 1.5 m high, with pink flowers. M: 5; 22; 54; 60; 61; 77; 123; 150; 158; 174. D: STP. V: *Madureira & Martins 158* (COI).

***MENTHA** L.
***rotundifolia** (L.) Huds. (*Letrão*)
H: perennial herb. E: leaves. D: ST.

OCIMUM L.
***americanum** L. (*Fiá-mosquito*)
canum L.
H: perennial herb, near cultivated areas. M: 79; 99; 134; 174. D: ST. V: *Madureira & Martins 604* (COI).
***basilicum** L. (*Fia-mosquito, Madlicom, Mosquito*)
H: perennial herb, near cultivated areas. E: leaves. M: 79; 99; 134; 174. D: ST. V: *Paiva 1035* (COI).
gratissimum L. var. **gratissimum** (*Fia-micoco, Micócó, Micoco-di--que, Pau-mosquito*)
H: perennial herb with white flowers. E: leaves. M: 21; 27; 52; 79; 156; 166. D: STP. V: *Paiva 1045* (COI), *1502* (COI).
***minimum** L. (*Madlicom*)
basilicum sensu auct. pro parte, non L.
H: perennial herb, near cultivated areas. M: 27; 52; 76; 156. D: ST. V: *Madureira & Martins 104* (COI).

PLATOSTOMA P.Beauv.
africanum P.Beauv.
H: herb up to 0.6 m high, in forest. D: ST.

***SALVIA** L.
***coccinea** Buc'hoz ex Etl.
H: perennial herb with red flowers. O. D: ST.
***splendens** Ker Gawl.
H: perennial herb with red flowers, on roadsides. D: ST. V: *Paiva 1005* (COI).

SOLENOSTEMON Thonn.
monostachyus (P.Beauv.) Briq. (*Fiá-manjoló, Magero, Manjoló*)
H: annual or perennial herb with bluish flowers, in forest, secondary forest, plantations, ruderal. E: leaves. M: 79; 94; 165; 169. D: STP. V: *Paiva 355* (COI).

***STACHYS** L.
***arvensis** (L.) L.
H: annual herb. D: ST. V: *Matos 7229* (LISC).

*LAURACEAE

***CINNAMOMUM** L.
***burmanni** (Nees & T.Nees) Blume (*Canela-brava*)
H: small tree. E: bark (spice: *cassia*). D: STP. V: *Matos 7583* (LISC).
***camphora** (L.) J.Presl (aromatic compound: *Cânfora*; tree: *Canforeira*)
H: tree, in secondary forest. D: ST. V: *Oliveira 150* (BRLU).
***verum** J.Presl (*Canela, Canela-d'obô, Caneleira, Pau-canela*)
zeylanicum Blume
H: small tree with whitish flowers, in secondary forest. E: bark (spice: *canela*). M: 173. D: STP. V: *Figueiredo 49* (K).

***PERSEA** Mill.
***americana** Mill. (fruit: *Abacate, Avacate, Avocado, Bacatche*; tree: *Abacateiro*)
H: large tree, with small yellowish flowers. E: fruits. M: 51; 57; 61; 64; 91; 137; 150; 161; 165; 168. D: STP. V: *Madureira & Martins 273* (COI).

LEEACEAE

LEEA L.
guineensis G.Don
H: shrub or small tree, with red, orange or yellow flowers. E: fruits. D: ST. V: *Oliveira 1429* (BRLU).
[E]**tinctoria** Baker (*Celé-alé, Celé-celé, Cêlê-cêlê*)
H: shrub or small tree with red or orange flowers. D: ST. V: *Figueiredo 244* (LISC); *Paiva 1925* (COI).

LEMNACEAE

LEMNA L.
aequinoctialis Welw.
perpusilla sensu auct. non Torrey
H: aquatic floating herb. D: ST.

LENTIBULARIACEAE

UTRICULARIA L.
mannii Oliv.
H: small, perennial epiphyte with yellow flowers, in forest. D: STP. V: *Joffroy 209* (BRLU); *Paiva 1082* (COI).
striatula Sm.
H: small epiphyte, in forest. D: P. V: *Paiva 1483* (COI).

LINACEAE

HUGONIA L.
platysepala Welw. ex Oliv.
H: climbing shrub or small tree, with white or yellow flowers, in forest. D: P.

LOBELIACEAE

LOBELIA L.
[E]**barnsii** Exell
H: herb, in mountain forest. D: ST. V: *Matos 7703* (LISC).
molleri Henriq.
H: herb up to 0.6 m high with white flowers, in forest. D: ST. V: *Matos 7543* (LISC).

LORANTHACEAE

HELIXANTHERA Lour.
mannii (Oliv.) Danser var. **mannii**
H: parasitic shrub with pendent stems, in forest and plantations. D: ST. V: *Oliveira 855* (BRLU).

MALPIGHIACEAE

ACRIDOCARPUS Guill. & Perr.
longifolius (G.Don) Hook.f. (*Micando-homem, Milandó-homem, Milondó-homem*)
H: small tree or climbing shrub with yellow flowers in secondary forest and plantations. M: 22; 167. D: STP. V: *Paiva 1009* (COI).

HETEROPTERYS Kunth
leona (Cav.) Exell
H: climber with yellow flowers. D: STP.

MALVACEAE

***ABELMOSCHUS** Medik.
***esculentus** (L.) Moench (*Iquiabo, Quiabo*)
H: annual herb with yellow flowers, in plantations and on roadsides. E: fruits. M: 95. D: STP. V: *Paiva 781* (COI).
***moschatus** Medik.
H: Perennial herb. E: leaves, fruits. D: ST.

ABUTILON Mill.
grandiflorum G.Don (*Fiá-máliva, Máliva, Malva*)
H: herb or shrub with yellow to orange flowers. M: 40; 61; 64; 89; 98; 103; 158; 174. D: ST. V: *Madureira & Martins 112* (COI).
***grandifolium** (Willd.) Sweet (*Mandioca-brava*)
H: perennial herb with yellow to orange flowers. D: ST. V: *Paiva 1062* (COI).
***striatum** Dicks. ex Lindl. (*Mandioca-brava, Mata-boi*)
venosum Lemaire
H: shrub with orange to purple flowers in secondary forest and on roadsides. M: 139. D: ST. V: *Madureira & Martins 473* (COI).

***GOSSYPIUM** L. (*U-u-dêçu, Algodão*)
***barbadense** L.
H: shrub with yellow flowers. M: 69; 111; 181. D: STP.
***hirsutum** L.
H: shrub with yellow flowers. M: 69; 111; 181. D: ST.

HIBISCUS L.
***acetosella** Welw. ex Hiern (*Fia-mussa, Fia-mússua, Mussa, Mussa--blanco, Mússua*)
H: annual or perennial herb or shrub, ruderal. E: leaves, flowers. M: 40; 60. D: STP. V: *Madureira & Martins 649* (COI); *Paiva 632* (COI).

HIBISCUS L. (cont.)
donianus D.Dietr.
H: annual herb. D: ST. V: *Matos 7318* (LISC).
***mutabilis** L.
H: shrub with white or pink flowers. D: STP.
physaloides Guill. & Perr.
H: woody herb. D: ST.
***rosa-sinensis** L.
H: shrub with red flowers. D: STP. V: *Madureira & Martins 650* (COI).
sabdariffa L.
H: annual or perennial herb with white to yellow flowers. D: ST.
surattensis L.
H: annual herb with yellow flowers. M: 57. D: STP. V: *Madureira & Martins 148* (COI).
tiliaceus L. (*Fiteira*)
H: shrub or tree with yellow flowers in coastal areas or near watercourses. D: ST.

***MALVASTRUM** A.Gray
***coromandelianum** (L.) Garcke (*Itóto-doido, Otóto, Otótó-homé*)
H: herb with pale yellow flowers. M: 158. D: STP. V: *Madureira & Martins 193* (COI).

SIDA L.
acuta Burm.f. subsp. **acuta** (*Itótó, Ototo, Otótó, Otótó-mualá, Ototo-pequeno, Ototo-piquina*)
H: herb or undershrub with yellow flowers, ruderal. M: 143; 175. D: STP. V: *Paiva 631* (COI), *827* (COI).
cordifolia L.
H: shrub with yellow or white flowers. D: ST.
javensis Cav.
pilosa Retz.
veronicifolia Lam.
H: prostrate herb with yellow flowers. D: ST.
rhombifolia L. (*Bobó-bobó, Catumba-jinji, Itoto, Ototo, Ototo-pequeno, Ototo-vento*)
H: undershrub with yellow flowers, ruderal. D: STP. V: *Figueiredo 73* (K); *Paiva 637* (COI).
rigida (D.Don) D.Dietr.
H: herb or undershrub. D: ST.
urens L.
H: perennial herb or undershrub. D: ST.

***URENA** L.
***lobata** L. (*Otótó-fogo, Otótó-glandje, Ototo-glandji, Ototo-grande, Ototo-ome, Otótó-vento*)
H: perennial herb or undershrub with pink flowers, ruderal. M: 61; 91; 158; 175; 183. D: STP. V: *Figueiredo 42* (K); *Paiva 1418* (COI).

WISSADULA Medik.
rostrata (Schumach.) Hook.f. (*Ototo-vento, Otótó-vento*)
amplissima (L.) R.E.Fries var. *rostrata* (Schumach.) R.E.Fries
H: undershrub. D: STP.

MARANTACEAE

CALATHEA G.Mey.
sp.
H: herb with red-purple flowers. D: ST. V: *Lejoly 93/619* (BRLU).

***MARANTA** L.
***arundinacea** L.
H: herb cultivated for the fleshy rhizome. E: rhizome. D: STP.

THAUMATOCOCCUS Benth.
daniellii (Bennet) Benth. (*Majunga, Mangungo*)
H: rhizomatous herb. E: seed aril. M: 27; 60. D: STP. V: *Madureira & Martins 302* (COI); *Paiva 626* (COI).

MELASTOMATACEAE

CALVOA Hook.f.
[E]**confertifolia** Exell
H: herb up to 0.4 m high, with pink flowers, in forest. D: ST.
[E]**crassinoda** Hook.f.
molleri Gilg
H: shrub up to 2.5 m high, with pink flowers, in forest and secondary forest. D: ST. V: *Figueiredo 199* (LISC).
grandifolia Cogn.
H: undershrub up to 1.2 m high, with pink flowers, in forest and secondary forest. D: STP. V: *Figueiredo 202* (LISC); *Oliveira 516* (BRLU).
hirsuta Hook.f.
henriquesii Cogn.
H: herb up to 0.3 m high, with white or pink flowers, in forest. D: STP. V: *Oliveira 569* (BRLU); *Paiva 1079* (COI).
[E]**integrifolia** Cogn.
H: herb up to 0.4 m high, with pink flowers, in forest. D: ST.
sinuata Hook.f.
H: herb or shrub up to 1.2 m high, in forest. D: P. V: *Figueiredo 160* (LISC).

DISSOTIS Benth.
barteri Hook.f. ex Triana
H: herb or shrub up to 2 m high, with pink flowers, in forest. D: P. V: *Stévart 259* (BRLU).

HETEROTIS Benth.
rotundifolia (Sm.) Jacq.-Fél.
H: decumbent herb rooting at nodes, with pink flowers, in forest. D: STP. V: *Stévart 242* (BRLU).

MELASTOMASTRUM Naudin
capitatum (Vahl) A.Fern. & R.Fern.
H: perennial herb or shrub up to 0.9 m high. D: ST. V: *Oliveira 1042* (BRLU).

MEMECYLON L.
sp.
H: shrub or small tree. D: ST. V: *Oliveira 1407* (BRLU).

TRISTEMMA Juss.
coronatum Benth.
H: herb or undershrub with pink or white flowers. D: P.
hirtum P.Beauv.
H: herb or undershrub with pink flowers. D: STP. V: *Matos 7638* (LISC).
littorale Benth. subsp. **biafranum** Jacq.-Fél. var. **biafranum**
incompletum sensu auct. pro parte non R.Br.
H: shrub. D: P.
[E]**littorale** Benth. subsp. **biafranum** Jacq.-Fél. var. **insulare** Jacq.-Fél. (*Fiá-vela*)
incompletum sensu auct. pro parte non R.Br.
H: shrub. M: 124; 129. D: ST. V: *Madureira & Martins 503* (COI).
littorale Benth. subsp. **littorale**
H: shrub. D: P.
[E]**mauritianum** J.F.Gmel. var. **mildbraedii** (Gilg) Jacq.-Fél.
mildbraedii Gilg ex Engl.
H: shrub with pink to mauve flowers. D: ST. V: *Figueiredo 251* (LISC).
[E]**mauritianum** J.F.Gmel. var. **rozeiranum** Jacq.-Fél. (*Anjógó*)
incompletum sensu auct. pro parte non R.Br.
H: shrub with pink to reddish flowers. M: 173. D: ST. V: *Paiva 61* (COI).
[E]**mauritianum** J.F.Gmel. var. **thomense** (J.H.P.B.Ferreira) Jacq.-Fél.
thomensis J.H.P.B.Ferreira
H: shrub with pink to mauve flowers. D: ST. V: *Figueiredo 211* (LISC).

WARNECKEA Gilg
membranifolia (Hook.f.) Jacq.-Fél. (*Clossom-liso*)
Memecylon membranifolium Hook.f.
M. fernandianum Gilg ex Engl.
H: shrub or tree. M: 154. D: ST. V: *Madureira & Martins 181* (COI).
memecyloides (Benth.) Jacq.-Fél. (*Glêlê-nhame, Toni-fachico*)
Memecylon memecyloides (Benth.) Exell
H: shrub or tree with blue flowers. M: 79. D: STP. V: *Madureira & Martins 202* (COI).

MELIACEAE

CARAPA Aubl.
procera DC. (*Gógó, Gogo-vermelho, Gôgo-viêmê*)
H: tree with white and pink flowers, in forest and plantations. M: 13; 126; 183. D: ST. V: *Madureira & Martins 403* (COI).

***CEDRELA** P.Browne
***odorata** L. (*Cedrela, Cidlela, Cidrela, Pau-cebola, Pó-céból*a)
H: tree with small white flowers. M: 60; 123; 175. D: ST. V: *Madureira & Martins 441* (COI).

***MELIA** L.
***azedarach** L. (*Lilás-do-Cabo, Sicomoro*)
H: tree with small purple or lilac flowers. D: STP.

***TOONA** (Endl.) M.Roem.
***ciliata** M.Roem. (*Pau-alho, Pó-alho*)
H: tree with small white flowers. D: ST. V: *Oliveira 1059* (BRLU).

TRICHILIA P.Browne
[E]**grandifolia** Oliv. (*Cola-de-macaco, Cola-macaco, Vêludo*)
H: tree, in forest. M: 22; 189. D: ST. V: *Matos 7576* (LISC).

TURRAEA L.
vogelii Hook.f. ex Benth. (*Valaplê, Vara-preta*)
H: woody climber or scandent shrub. M: 22. D: STP. V: *Matos 7630* (LISC).

MENISPERMACEAE

CHASMANTHERA Hochst.
dependens Hochst.
H: liana up to 20 m high, with yellow flowers, in cultivated ground. D: ST.

STEPHANIA Lour.
dinklagei (Engl.) Diels
H: liana up to 20 m high, in forest. D: P.

TILIACORA Colebr.
sp.
H: liana. D: ST. V: *Lejoly 98/268* (BRLU).

MORACEAE

***ARTOCARPUS** J.R.Forst. & G.Forst.
***altilis** (Parkinson) Fosberg (fruit: *Castanha, Fluta, Fluta-pom, Fruta-pão*; tree: *Arteira, Árvore-da-castanha, Árvore-do-pão, Pau-castanha*)
H: tree. E: fruits. M: 8; 61. D: STP. V: *Paiva 257* (COI).
***heterophylla** Lam. (fruit: *Jaca*; tree: *Jaqueira, Pau-jaca*)
H: tree. E: fruits. M: 27; 87. D: STP. V: *Paiva 494* (COI).

***CASTILLA** Cerv.
***elastica** Sessé ex Cerv.
H: tree up to 18 m high. D: STP.

***CECROPIA** Loefl.
***peltata** L. (*Gófé, Gôfe*)
H: tree up to 25 m high, with yellow or green flowers. D: ST. V: *Paiva 93* (COI).

FICUS L.
***carica** L. (*Figueira*)
H: tree. E: fruits. D: ST. V: *Oliveira 246* (BRLU).
chlamydocarpa Warb. ex Mildbr. & Burret subsp. **chlamydocarpa**
H: strangler fig, in forest. D: STP.
[E]**chlamydocarpa** Warb. ex Mildbr. & Burret subsp. **fernandesiana** (Hutch.) C.C.Berg (*Figo-obata*)
fernandesiana Hutch.
H: strangler fig, in forest. D: ST. V: *Lejoly 97/231* (BRLU, LISC).
***elastica** Roxb.
H: tree. O. D: ST.
exasperata Vahl (*Memé, Pó-lixa*)
H: shrub or tree, in forest. D: ST. V: *Figueiredo 215* (LISC).
kamerunensis Warb. ex Mildbr. & Burret (*Mussandá, Mussundá*)
H: tree or shrub, in forest. D: ST. V: *Oliveira 36* (BRLU).
lutea Vahl
vogelii (Miq.) Miq.
H: tree or shrub, in forest. D: ST.
mucuso Welw. ex Ficalho (*Figo-de-porco, Figo-plôcô, Figu-plôcu*)
sidifolia Welw. ex Hiern
H: tree, in forest. D: ST. V: *Paiva 1937* (COI).
***pumila** L.
H: climber. D: ST. V: *Oliveira 66/98* (BRLU).
sur Forssk. (*Figo-tôdô, Figo-tordo, Tôdô*)
capensis Thunb.
H: tree, in forest. E: fruits. D: STP. V: *Paiva 1181* (COI), *1333* (COI).
thonningii Blume (*Lemba-lemba, Mussandá*)
annobonensis Mildbr. & Hutch.
H: tree or shrub, in forest. M: 57; 75; 87; 94. D: STP. V: *Figueiredo 87* (K).

MESOGYNE Engl.
insignis Engl.
henriquesii Engl.
H: tree up to 16 m with greenish flowers, in forest and cultivated ground. D: ST.

MILICIA Sim
excelsa (Welw.) C.C.Berg (*Amoreira, Moreira, Mucambá-vlémé, Mulêla*)
Chlorophora excelsa (Welw.) Benth. & Hook.f.
H: large tree, in forest and plantations. M: 52; 87; 95; 153; 167. D: STP. V: *Oliveira 119* (BRLU).

MUSANGA C.Sm. ex R.Br.
cecropioides R.Br. (*Gofé, Gófe, Gófé, Gofe-d'obô, Pau-sabrina*)
H: tree up to 20 m high, with green flowers, in forest and secondary forest. D: ST. V: *Paiva 418* (COI).

TRECULIA Decne. ex Trécul
africana Decne. ex Trécul var. **africana** (*Giquenge, Isa, Isa-quente, Izaquente, Ogue, Opacala, Quicange, Quicuange, Zéquentche*)
H: tree up to 25 m high with small white flowers, in forest. E: fruits. M: 18; 39; 40; 57; 121; 125; 158; 191. D: STP. V: *Paiva 1209* (COI).

TRILEPISIUM Thouars
madagascariense DC.
H: tree, up to 30 m high, in plantations. D: ST.

MUSACEAE

***ENSETE** Horan.
***ventricosum** (Welw.) Cheesman
Musa ventricosa Welw.
D: ST.

***MUSA** L.
* ×**paradisiaca** L.
M: 68; 79; 103; 116; 126. D: STP.
***balbisiana** Colla
rosacea Jacq.
D: ST.

MYRISTICACEAE

***MYRISTICA** Gronov.
***fragrans** Houtt. (*Noz-moscada*)
H: small tree. E: fruits (spice). D: ST. V: *Paiva 396* (COI).

PYCNANTHUS Warb.
angolensis (Welw.) Warb. (*Cachão, Cashon, Cassa, Pau-caixão, Pó-cassom, Pó-cásson*)
H: tree, in forest, secondary forest and plantations. M: 51; 61; 79; 87; 90; 125; 167; 175. D: ST. V: *Madureira & Martins 218* (COI).

STAUDTIA Warb.
[E]**pterocarpa** (Warb.) Warb. (*Pau-vermelho, Vermelho, Vlêmê*)
H: tree in forest and secondary forest. M: 13; 56; 125. D: ST. V: *Madureira & Martins 162* (COI).

MYRSINACEAE

ARDISIA Sw.
staudtii Gilg
Afrardisia cymosa (Baker) Mez
H: shrub or small tree with red flowers, in forest. D: STP. V: *Matos 7440* (LISC).

MAESA Forssk.
lanceolata Forssk. subsp. **borjaeana** (Henriq.) White (*Mutopa, Pau-cabra*)
borjaeana Henriq.
H: shrub or small tree, with small white or yellowish flowers, in forest and on roadsides. D: ST. V: *Figueiredo 64* (K).

RAPANEA Aubl.
melanophloeos (L.) Mez
thomensis Exell
H: shrub or small tree, with small white or yellowish flowers, in forest. D: ST. V: *Matos 7507* (LISC).

MYRTACEAE

***EUCALYPTUS** L´Hér.
***sp**. (*Calipto*)
H: tree. D: ST. V: *Oliveira 1326* (BRLU).

EUGENIA L.
***brasiliensis** Lam. (*Comoxama, Grumechame, Grumexava, Grumixaba, Grumixama, Grumixameira, Grumixava*)
dombeyi (Spreng.) Skeels
H: tree, in plantations. E: fruits. M: 99. D: ST. V: *Madureira & Martins 669* (COI).
elliotii Engl. & Brehmer
H: shrub or small tree. D: ST.
***uniflora** L. (*Ameixa-do-Pará, Cereja-de-Caiena, Pitanga, Pitangueira*)
H: shrub or tree. E: fruits. M: 173. D: STP. V: *Matos 7690* (LISC).

***MELALEUCA** L.
***leucadendron** (L.) L.
H: shrub, in savanna. D: ST. V: *Matos 7462* (LISC).

***MYRCIARIA** O.Berg
***cauliflora** (Mart.) O.Berg (*Jabuticaba, Jabuticabeira*)
H: small tree. E: fruits. D: ST.

***PSIDIUM** L.
***cattleianum** Sabine (*Gueva-quiô*)
littorale Raddi
H: shrub. E: fruits. M: 27. D: ST. V: *Madureira & Martins 652* (COI).
***guajava** L. (*Gaiaba, Gaiava, Goiaba, Goiabeira, Gueva, Guiaba*)
H: shrub or tree. E: fruits. M: 19; 33; 57; 61; 67; 112; 135; 146; 175. D: STP. V: *Paiva 1520* (COI).

SYZYGIUM Gaertn.
***aromaticum** (L.) Merr. & L.M.Perry (*Cravinho*)
H: tree with red flowers. E: flower buds (spice). D: ST.
guineense (Willd.) DC. (*Matazem, Matchanzoche, Matianzoche*)
H: shrub or tree with white flowers, in forest. M: 22; 109; 125; 167; 183. D: ST. V: *Madureira & Martins 328* (COI).
***jambos** (L.) Alston (*Jambo-jambo, Jamboeiro, Pau-jambre, Pialá*)
H: tree with whitish flowers, in plantations and on roadsides. E: fruits. M: 5; 40; 79; 158; 175. D: STP. V: *Paiva 1031* (COI).
staudtii (Engl.) Mildbr.
H: tree up to 30 m high, in forest. D: ST.

NYCTAGINACEAE

BOERHAVIA L.
diffusa L. (*Erva-tostão, Fia-plocôssom, Fia-plócssom*)
coccinea Mill.
paniculata Rich.
H: perennial herb, ruderal. M: 77; 98; 114; 119; 149. D: STP. V: *Paiva 384* (COI).

***BOUGAINVILLEA** Comm. ex Juss.
***spectabilis** Willd. (*Buganvila*)
H: climbing shrub with purple, red or white flowers. O. D: STP. V: *Paiva 287* (COI).

***MIRABILIS** L.
***jalapa** L. (*Losa-bilança, Rosa-bilança*)
H: perennial herb up to ± 1 m high, with white or red flowers. E: leaves. M: 4; 51; 61; 63; 98; 125; 134. O. D: ST. V: *Paiva 699* (COI).

OCHNACEAE

Note: recent nomenclatural changes at generic level were not considered. The taxonomy follows AFPD (2009).

CAMPYLOSPERMUM Tiegh.
reticulatum (P.Beauv.) Farron var. **reticulatum**
Ouratea brunneopurpurea Gilg
H: shrub or small tree. D: STP.
vogelii (Hook.f.) Farron var. **molleri** (Tiegh.) Farron (*Dumo, Dumo-vermelho, Pau-dumo*)
Ouratea molleri (Tiegh.) Exell
H: shrub or tree with yellow flowers in forest. D: STP. V: *Lejoly 95/020* (BRLU, LISC).

OCHNA L.
membranacea Oliv. (*Pau-dumo, Pó-dumo, Vilo*)
H: shrub or tree in forest, secondary forest and savanna. D: ST. V: *Figueiredo 106* (K).
§**multiflora** DC.
H: shrub in forest. D: STP. V: *Stévart 255* (BRLU).

OURATEA Aubl.
[E]**nutans** (Hiern) Exell
H: shrub with yellow flowers. D: P.
sp.
H: shrub. D: ST. V: *Lejoly 98/267* (BRLU).

RHABDOPHYLLUM Tiegh.
arnoldianum (De Wild. & T.Durand) Tiegh.
Ouratea quintasii (Tiegh.) Exell
H: shrub, in forest. D: ST. V: *Oliveira 1409* (BRLU).

OLACACEAE

HEISTERIA Jacq.
parvifolia Sm. (*Nonó, Pau-preto*)
H: tree, in forest and plantations. D: STP. V: *Lejoly 97/272* (BRLU).

OLAX L.
gambecola Baill.
H: shrub with white or yellowish flowers. D: ST.

***XIMENIA** L.
***americana** L. (*Limon-plé*)
H: tree, in savanna. E: fruits. M: 22. D: ST. V: *Matos 7725* (LISC).

OLEACEAE

JASMINUM L.
bakeri Scott-Elliot (*Codó-qué-d'ôbô*)
H: climber with white flowers, in forest. M: 79; 94. D: ST. V: *Joffroy 135* (BRLU).
fluminense Vell.
H: climber with white flowers, in forest. D: ST.
[E]**thomense** Exell
H: climber with white flowers, in forest. D: ST. V: *Oliveira 1508* (BRLU).

OLEA L.
capensis L. subsp. **hochstetteri** (Baker) Friis & P.S.Green (*Ipé, Pó-ipé*)
hochstetteri Baker
H: shrub or tree with small white flowers, in forest. M: 22. D: ST. V: *Madureira & Martins 412* (COI).
capensis L. subsp. **welwitschii** (Knobl.) Friis & P.S.Green (*Impé, Ipé*)
welwitschii (Knobl.) Gilg & Schellenb.
H: shrub or tree with small white flowers, in forest. D: ST.
***europaea** L. (*Oliveira*)
N: recorded by Exell (1973) based on Silva (1958) without specimen citation.

ONAGRACEAE

LUDWIGIA L.
erecta (L.) H.Hara (*Áliba-gúia, Fiá-gúia*)
H: annual herb with yellow flowers. M: 29; 46; 69; 88. D: ST. V: *Madureira & Martins 195* (COI).

hyssopifolia (G.Don) Exell (*Fia-placela*)
H: annual herb, in secondary forest, savanna and on roadsides. D: STP. V: *Paiva 1197* (COI).
leptocarpa (Nutt.) H.Hara
H: herb with yellow flowers. D: ST.
octovalvis (Jacq.) P.H.Raven subsp. **octovalvis**
H: annual or perennial herb with yellow flowers, in secondary forest and plantations. D: ST. V: *Matos 7261* (LISC).

ORCHIDACEAE
(Stévart *et al.* 2000; Stévart & Oliveira 2001)

AERANGIS Rchb.f.
[E]**flexuosa** (Ridl.) Schltr.
H: epiphytic herb with white flowers, in lowland dry forest. D: ST.

ANCISTRORHYNCHUS Finet
capitatus (Lindl.) Summerh.
H: epiphytic herb with white flowers, in mid-elevation primary forest and old secondary forest. D: P. V: *Stévart 705* (BRLU).
crystalensis P.J.Cribb & Laan
H: epiphytic herb with white flowers, in mid-elevation primary rainforest. D: P. V: *Stévart 1608* (BRLU).
metteniae (Kraenzl.) Summerh.
H: epiphytic herb with white flowers, lip green, in lowland forest and plantations. D: STP. V: *Stévart 638* (BRLU), *1212* (BRLU).

ANGRAECOPSIS Kraenzl.
[E]**dolabriformis** (Rolfe) Schltr.
H: epiphytic herb, flower colour and habitat unknown. D: ST.
[E]**thomensis** Stévart & P.J.Cribb
H: epiphytic herb, flowers greenish white, in old secondary forest. D: ST. V: *Oliveira 1999/138* (BRLU, STPH).

ANGRAECUM Bory
aporoides Summerh.
H: epiphytic herb with white flowers, in lowland and mid-elevation forest. D: STP. V: *Stévart 464* (BRLU), *667* (BRLU).
[E]**astroarche** Ridl.
H: epiphytic herb, flower colour unknown, in old secondary forest. D: ST.
distichum Lindl.
H: epiphytic herb, white flowers, habitat unknown. D: P.
doratophyllum Summerh.
H: epiphytic herb with white flowers, in mist forest. D: STP. N: endemic to Gulf of Guinea. V: *Stévart 329* (BRLU), *678* (BRLU).
infundibulare Lindl.
H: epiphytic herb with white flowers, habitat unknown. D: P.
sacciferum Lindl.
H: epiphytic herb with greenish white flowers, in mist forest. D: ST. V: *Stévart 104* (BRLU).

BOLUSIELLA Schltr.
iridifolia (Rolfe) Schltr. subsp. **iridifolia**
H: epiphytic herb with white flowers, in plantations. D: ST. V: *Stévart 503* (BRLU).
talbotii (Rendle) Summerh.
H: epiphytic herb. D: STP. V: *Primo & Stévart 77* (BRLU); *Stévart 510* (BRLU).

BRACHYCORYTHIS Lindl.
[E]**basifoliata** Summerh.
H: terrestrial herb with purple flowers, in open vegetation. D: STP. V: *Stévart 363* (BRLU), *436* (BRLU, K).

BULBOPHYLLUM Thouars
acutibracteatum De Wild. var. **acutibracteatum**
H: epiphytic herb with yellow-orange flowers, in summit forest. D: P. V: *Stévart 420* (BRLU, K).
calyptratum Kraenzl.
H: epiphytic herb with greenish to yellowish flowers, habitat unknown. D: P.
cochleatum Lindl. var. **cochleatum**
H: epiphytic herb with yellow to purple flowers, in montane forest. D: ST. V: *Stévart 652* (BRLU).
cochleatum Lindl. var. **tenuicaule** (Lindl.) J.J.Verm.
H: epiphytic herb with red to purple flowers, in montane open vegetation. D: ST. V: *Stévart 417* (BRLU).
comatum Lindl. var. **inflatum** (Rolfe) J.J.Verm.
H: epiphytic herb with green inflorescence and purple flowers, in open vegetation on ridges. D: STP. V: *Stévart 462* (BRLU, K), *1203* (BRLU).
curvimentatum J.J.Verm.
H: pseudobulb epiphyte. D: ST.
falcatum (Lindl.) Rchb.f. var. **falcatum**
H: epiphytic herb with green to yellow flowers, in submontane forest. D: STP. V: *Rose 1023* (P); *Stévart 71* (BRLU, K).
falcatum (Lindl.) Rchb.f. var. **velutinum** (Lindl.) J.J.Verm.
H: epiphytic herb with green to yellow flowers, in lowland and submontane forest, also in coastal vegetation and plantations. D: STP. V: *Stévart 1211* (BRLU), *1221* (BRLU).
imbricatum Lindl.
H: epiphytic herb with violet and yellow flowers, in plantations. D: ST. V: *Stévart 489* (BRLU).
intertextum Lindl.
H: epiphytic herb with green or purple flowers, in submontane and montane forests. D: STP. V: *Stévart 681* (BRLU).
[E]**lizae** J.J.Verm.
H: epiphytic herb with green to yellow flowers, in submontane and montane forests. D: ST. V: *Stévart 1882* (BRLU).
[E]**luciphilum** Stévart
H: epiphytic herb with green to yellow flowers, in plantations. D: ST. V: *Oliveira 1999/41* (BRLU).
maximum (Lindl.) Rchb.f.
H: epiphytic herb with yellowish to greenish flowers, in lowland and submontane forests, also in plantations. D: STP. V: *Stévart 397* (BRLU), *497* (BRLU).
mediocre Summerh.
H: epiphytic herb with orange, yellow or whitish flowers, in submontane and montane forests. D: STP. N: endemic to Gulf of Guinea. V: *Stévart 622* (BRLU), *1890* (BRLU).
nigritianum Rendle
H: epiphytic herb with yellowish flowers, in plantations. D: ST. V: *Stévart 1158* (BRLU).
oreonastes Rchb.f.
H: epiphytic herb with orange to yellowish flowers, in ridge forests. D: STP. V: *Primo & Stévart 17* (BRLU); *Stévart 407* (BRLU).
resupinatum Ridl.
H: epiphytic herb with yellowish to purple flowers, in lowland and submontane forests. D: ST.
saltatorium Lindl. var. **albociliatum** (Finet) J.J.Verm.
H: epiphytic herb with greenish to brownish flowers with purple spots and red pubescence, in mid-elevation ridge vegetation. D: P. V: *Stévart 422* (BRLU, K).
sandersonii (Hook.f.) Rchb.f. subsp. **stenopetalum** (Kraenzl.) J.J.Verm.
H: epiphytic herb with yellowish to reddish flowers, in submontane and montane forests, also in plantations. D: ST. V: *Stévart 660* (BRLU).

CALANTHE R.Br.
[E]**sylvatica** (Thouars) Lindl. var. **geerinckiana** Stévart
H: terrestrial herb with white flowers and orange lip, in old plantations. D: ST. V: *Stévart 1194* (BRLU).
sylvatica (Thouars) Lindl. var. **sylvatica**
H: terrestrial herb with white flowers and violet lip, in submontane and montane forests, and in secondary forest in old plantations. D: STP. V: *Stévart 338* (BRLU), *1195* (BRLU).

CHAMAEANGIS Schltr.
[E]**thomensis** (Rolfe) Schltr.
H: epiphytic herb with yellowish to orange flowers, in montane forests. D: ST. V: *Stévart 659* (BRLU).
[E]**vagans** (Lindl.) Schltr.
H: epiphytic herb with yellowish to orange flowers, in lowland forests and on ridges. D: P. V: *Stévart 450* (BRLU, K).

CHEIROSTYLIS Blume
lepida (Rchb.f.) Rolfe
H: terrestrial herb with whitish flowers, in submontane and montane forests. D: ST. V: *Stévart 381* (BRLU).

CORYMBORKIS Thouars
corymbis Thouars
H: terrestrial herb with whitish and greenish flowers, in lowland forests, and in secondary forest in old plantations. D: STP. V: *Stévart 447* (BRLU), *665* (BRLU).

CRIBBIA Senghas
confusa P.J.Cribb
H: epiphytic herb with orange flowers, in submontane and montane forests. D: ST. V: *Stévart 674* (BRLU).
[E]**pendula** la Croix & P.J.Cribb
H: epiphytic herb with pale greenish flowers, in submontane forests, also in secondary forest at mid-elevations. D: ST. V: *Stévart 1168* (BRLU).
[E]**thomensis** la Croix & P.J.Cribb
H: epiphytic herb with white flowers, in montane forests. D: ST. V: *Stévart 1228* (BRLU).

CYNORKIS Thouars
anacamptoides Kraenzl. var. **ecalcarata** P.J.Cribb
H: terrestrial herb with violet flowers, in montane forests. D: ST. V: *Stévart 385* (BRLU).
debilis (Hook.f.) Summerh.
H: terrestrial herb with purple-spotted flowers, in montane forests. D: ST. V: *Stévart 42* (BRLU, K).
gabonensis Summerh.
H: terrestrial herb with pale whitish flowers, in lowland to montane forests, also on ridges. D: STP. V: *Stévart 444* (BRLU, K), *629* (BRLU).

CYRTORCHIS Schltr.
arcuata (Lindl.) Schltr. subsp. **variabilis** Summerh.
H: epiphytic herb with white flowers and greenish to orange spur, in coastal vegetation, in lowland secondary forest and plantations. D: STP. V: *Stévart 405* (BRLU, K), *535* (BRLU).
henriquesiana (Ridl.) Schltr.
H: epiphytic herb with white to yellow flowers, in lowland secondary forest and on ridges. D: P. V: *Stévart 664* (BRLU).
monteiroae (Rchb.f.) Schltr.
H: epiphytic herb with white to yellow flowers, in lowland forest, secondary forest and plantations. D: STP. V: *Stévart 205* (BRLU, K), *448* (BRLU).
ringens (Rchb.f.) Summerh.
H: epiphytic herb with white flowers and pale rose spur, in secondary forest. D: ST.

DIAPHANANTHE Schltr.
[E]**acuta** (Ridl.) Schltr.
H: epiphytic herb with whitish to yellowish flowers, in lowland and mid-elevation forests. D: ST. V: *Stévart 691* (BRLU).
[E]**papagayi** (Rchb.f.) Schltr.
H: epiphytic herb, unknown flower colour, on rocky places in shade. D: P.
pellucida (Lindl.) Schltr.
H: epiphytic herb with greenish to yellowish flowers, in lowland primary forest and old secondary forest. D: STP. V: *Primo & Stévart 126* (BRLU); *Stévart 1207* (BRLU).
rohrii (Rchb.f.) Summerh.
H: epiphytic herb with orange to yellowish flowers, in submontane and montane forest and old secondary forest at high elevation. D: ST. V: *Stévart 494* (BRLU, K).

DINKLAGEELLA Mansf.
[E]**scandens** Stévart & P.J.Cribb
H: terrestrial herb with white flowers, in swamp meadow. D: ST. V: *Stévart 1888* (BRLU).

DISPERIS Sw.
reichenbachiana Rchb.f.
H: terrestrial herb with purple to whitish flowers in submontane and montane primary forest and mid-elevation secondary forest. D: ST. V: *Stévart 370* (BRLU).
thomensis Summerh.
H: terrestrial herb with white flowers in submontane and montane primary forest. D: ST. V: *Stévart 48* (BRLU).

GENYORCHIS Schltr.
apetala (Lindl.) J.J.Verm.
H: epiphytic herb with whitish, reddish and yellowish flowers, in secondary forest and in plantations. D: P. V: *Stévart 1220* (BRLU).

GRAPHORKIS Thouars
lurida (Sw.) Kuntze
H: epiphytic herb with brownish and yellowish flowers, in secondary forest and in plantations. D: STP. V: *Stévart 302* (BRLU), *437* (BRLU).

HABENARIA Willd.
barrina Ridl.
H: terrestrial with whitish to greenish flowers, in secondary forest and plantations. D: STP. V: *Oliveira 1999/33* (BRLU); *Stévart 427* (BRLU).
buettneriana Kraenzl.
H: terrestrial with greenish flowers, in secondary forest and plantations. D: ST. V: *Stévart 483* (BRLU).
[E]**letouzeyana** (Szlach. & Olsz.) P.J.Cribb & Stévart
H: terrestrial with whitish flowers, in old secondary forest and lowland primary forests. D: P. V: *Stévart 631* (BRLU).
malacophylla Rchb.f. var. **malacophylla**
H: terrestrial with whitish to greenish flowers, in submontane and montane primary forests. D: ST. V: *Stévart 1223* (BRLU).
stenochila Lindl.
H: terrestrial with white flowers, in lowland vegetation. D: P. V: *Stévart 640* (BRLU).
thomana Rchb.f.
H: terrestrial with whitish to greenish flowers, in primary lowland to montane forests. D: ST. V: *Stévart 414* (BRLU); *Paiva 1927* (COI).

LIPARIS Rich.
deistelii Schltr.
H: epiphytic herb with greenish to purple flowers, in secondary and submontane forests. D: STP. V: *Stévart 654* (BRLU), *1226* (BRLU).
epiphytica Schltr.
H: epiphytic herb with greenish to whitish flowers, in montane forests. D: ST. V: *Stévart 537* (BRLU).
goodyeroides Schltr.
H: terrestrial or lithophytic herb with greenish flowers, in old lowland secondary forest. D: STP. V: *Matos 7656* (BRLU); *Stévart 625* (BRLU).
gracilenta Dandy
H: epiphytic herb with greenish and purple flowers, in submontane and montane forests. D: STP. V: *Stévart 672* (BRLU).
nervosa (Thunb.) Lindl.
H: terrestrial or epiphytic herb with greenish, yellowish, brownish or purple flowers, in lowland secondary forest and in submontane forests. D: STP. V: *Stévart 196* (BRLU, K), *442* (BRLU).
platyglossa Schltr.
H: terrestrial herb with greenish, yellowish and purple flowers, in old lowland secondary forest. D: P. V: *Stévart 530* (BRLU).
rosseelii Stévart
H: epiphytic herb with greenish flowers, in secondary submontane forests and in plantations. D: ST. V: *Stévart 1188* (BRLU).

LISTROSTACHYS Rchb.f.
pertusa (Lindl.) Rchb.f.
H: epiphytic herb with white and green flowers, in secondary lowland mid-elevation forests. D: P. V: *Stévart 1216* (BRLU).

MALAXIS Sol. ex Sw.
maclaudii (Finet) Summerh.
H: terrestrial herb with reddish and purple flowers, in submontane forests. D: ST.

MANNIELLA Rchb.f.
gustavi Rchb.f.
H: terrestrial herb with brownish, pinkish or greenish flowers, in lowland secondary forest, and in submontane and montane forests. D: STP. V: *Stévart 443* (BRLU), *642* (BRLU).

MICROCOELIA Lindl.
bulbocalcarata L.Jonss.
H: epiphytic herb with white and greenish flowers, in old mid-elevation secondary and primary forests. D: P. V: *Stévart 682* (BRLU).
caespitosa (Rolfe) Summerh.
H: epiphytic herb with white and greenish to brownish flowers, in submontane forests. D: ST. V: *Primo & Stévart 47* (BRLU).

NERVILIA Comm. ex Gaudich.
bicarinata (Blume) Schltr.
H: terrestrial herb with yellowish to greenish flowers, in plantations. D: STP. V: *Stévart 686* (BRLU).

OBERONIA Lindl.
disticha (Lam.) Schltr.
H: epiphytic herb with whitish to yellowish flowers, in plantations. D: ST. V: *Stévart 1155* (BRLU).

OECEOCLADES Lindl.
[E]**latifolia** (Rolfe) Garay & P.Taylor
H: pseudobulb geophyte. D: ST.
maculata (Lindl.) Lindl.
H: terrestrial herb with whitish, yellowish to greenish flowers with a red lip, in plantations and secondary forest. D: STP. V: *Oliveira 1999/04* (BRLU, STPH); *Stévart 636* (BRLU).
ugandae (Rolfe) L.A.Garray & P.Taylor
H: terrestrial herb with white and purple flowers, habitat unknown. D: ST.

ORESTIAS Ridl.
micrantha Summerh.
H: terrestrial herb with white or pink flowers, in montane and submontane forest. D: STP. V: *Stévart 540* (BRLU), *642* (BRLU).
stelidostachya (Rchb.f.) Summerh.
elegans Ridl.
H: terrestrial herb with white or pink flowers, in montane and submontane forest. D: STP. V: *Stévart 210* (BRLU, K), *217* (BRLU).

PHAIUS Lour.
mannii Rchb.f.
H: terrestrial herb with whitish flowers with pink lip, in old plantations. D: ST. V: *Stévart 532* (BRLU).

PLATYLEPIS A.Rich.
glandulosa (Lindl.) Rchb.f.
H: terrestrial herb with whitish flowers, in plantations, lowland and mid-elevation forests. D: STP. V: *Stévart 501* (BRLU).

PODANGIS Schltr.
dactyloceras (Rchb.f.) Schltr.
H: epiphytic herb with white flowers, in plantations and submontane forests. D: ST. V: *Stévart 1197* (BRLU).

POLYSTACHYA Hook.
albescens Ridl. subsp. **albescens**
H: epiphytic herb with white and pink flowers, widespread in forest and plantations. D: STP. V: *Stévart 1178* (BRLU), *655* (BRLU).
[E]**albescens** Ridl. subsp. **principensis** Stévart
H: epiphytic or terrestrial herb with white and pink flowers, in open vegetation and on ridges. D: P. V: *Stévart 1227* (BRLU).
bifida Lindl.
farinosa Kraenzl.
H: epiphytic herb with greenish to yellowish flowers, in montane and submontane forest. D: ST. V: *Stévart 1889* (BRLU).
[E]**biteaui** P.J.Cribb, la Croix & Stévart
H: epiphytic herb with pink and white flowers, in plantations and submontane forest. D: ST. V: *Stévart 446* (BRLU).
[E]**disticha** Rolfe
H: epiphytic herb with yellow flowers and red spots, in montane forest and open vegetation. D: ST. V: *Stévart 694* (BRLU).
[E]**expansa** Ridl.
H: epiphytic herb with white flowers with yellow to orange lip, in secondary forest and plantations. D: ST. V: *Stévart 349* (BRLU).
fusiformis (Thouars) Lindl.
H: epiphytic herb with yellow to greenish flowers, in secondary and submontane forest. D: STP. V: *Stévart 423* (BRLU, K), *1204* (BRLU).
golungensis Rchb.f.
H: epiphytic herb with yellow flowers, in secondary forest and plantations. D: ST. V: *Stévart 1605* (BRLU).
moniquetiana Stévart & Geerinck
H: epiphytic herb with whitish to brownish flowers, in old mid-elevation secondary forest and plantations. D: ST. V: *Stévart 684* (BRLU).
mukandaensis De Wild.
H: epiphytic herb with yellow, brownish to greenish flowers with red spots, in plantations. D: ST. V: *Stévart 1191* (BRLU).
paniculata (Sw.) RolH: epiphytic herb with yellow to orange flowers, in plantations. D: ST. V: *Stévart 499* (BRLU).
[E]**parviflora** Summerh.
H: epiphytic herb with yellow to brownish flowers, in submontane and montane forest. D: STP. V: *Stévart 484* (BRLU).
pobeguinii (Finet) Rolfe
H: epiphytic herb with pink flowers with lilac lip, in plantations or near the sea. D: P. V: *Stévart 1222* (BRLU).
polychaete Kraenzl.
H: epiphytic herb with yellow to greenish flowers with red spots, in plantations. D: ST. V: *Stévart 1156* (BRLU).
principia Stévart & P.J.Cribb
H: epiphytic herb with yellow orange flowers in old secondary forest. D: P. V: *Stévart 648* (BRLU).
pyramidalis Lindl.
H: epiphytic herb with yellow flowers with red spots, in plantations, on ridges and in submontane forest. D: STP. V: *Stévart 451* (BRLU, K), *1225* (BRLU).
ridleyi Rolfe
H: epiphytic herb with brown, reddish or greenish flowers, in plantations, and in submontane and montane forest. D: ST. N: endemic to Gulf of Guinea. V: *Stévart 1175* (BRLU).
[E]**setifera** Lindl.
H: epiphytic herb with yellow flowers with red spots, in ridge vegetation. D: P. V: *Stévart 1215* (BRLU).
tessellata Lindl.
H: epiphytic herb with greenish, yellowish, violet or purple flowers, widespread in lowland and mid-elevation forest. D: STP. V: *Stévart 454* (BRLU), *639* (BRLU).
[E]**thomensis** Summerh.
H: epiphytic herb with yellow to purple flowers and white lip, in open vegetation near summit. D: ST. V: *Primo & Stévart 37* (BRLU).

RANGAERIS (Schltr.) Summerh.
trilobata Summerh.
H: epiphytic herb with brown to white flowers, in lowland and mid-elevation forests. D: ST. V: *Stévart 703* (BRLU).

RHIPIDOGLOSSUM Schltr.
[E]**brevifolium** Summerh.,
Diaphananthe brevifolia (Summerh.) Summerh.
H: facultative epiphytic herb with translucent whitish flowers, in open vegetation on ridges in montane forest and in crater of Lagoa Amélia. D: ST. V: *Stévart 295* (BRLU).
curvatum (Rolfe) Garay
Diaphananthe curvata (Rolfe) Summerh.
H: epiphytic herb with greenish to yellowish flowers, in old secondary lowland forest. D: P. V: *Primo & Stévart 49* (BRLU).
rutilum (Rchb.f.) Schltr.
Diaphananthe rutila (Rchb.f.) Summerh.
H: epiphytic herb with whitish, greenish, brownish or violet flowers, in submontane primary forest and in plantations. D: ST. V: *Stévart 1606* (BRLU).

SOLENANGIS Schltr.
clavata (Rolfe) Schltr.
H: epiphytic herb with white flowers, in meadow of Lagoa Amélia. D: ST. V: *Stévart 1231* (BRLU).
scandens (Schltr.) Schltr.
H: epiphytic herb with whitish, yellowish to greenish flowers, in plantations. D: ST.

STOLZIA Schltr.
elaidum (Lindl.) Summerh.
H: epiphytic herb with whitish to greenish flowers, in plantations and on ridges. D: STP. V: *Stévart 458*, *521* (BRLU).
[E]**peperomioides** (Kraenzl.) Summerh. subsp. **thomensis** (Stévart & P.J.Cribb) Stévart, Droissart & Simo
thomensis Stévart & P.J.Cribb
H: epiphytic herb with green translucent flowers in evergreen mist forest. D: ST. V: *Stévart 1891* (BRLU).

TRIDACTYLE Schltr.
armeniaca (Lindl.) Schltr.
H: epiphytic herb with white to orange flowers; habitat unknown. D: ST.
[E]**aurantiopunctata** P.J.Cribb & Stévart
H: epiphytic herb with white and orange flowers, in ridge forests. D: P. V: *Stévart 1224* (BRLU).
[E]**exellii** P.J.Cribb & Stévart
H: epiphytic herb with whitish and greenish flowers, in submontane and montane forests. D: ST. V: *Stévart 708* (BRLU).
latifolia Summerh.
H: epiphytic herb with yellow flowers, in *Pandanus* forest on ridges. D: P. V: *Stévart 478* (BRLU).
[E]**thomensis** P.J.Cribb & Stévart
H: epiphytic herb with white flowers, in plantations and submontane forests. D: ST. V: *Stévart 488* (BRLU, K).
tridactylites (Rolfe) Schltr.
H: epiphytic herb with whitish to orange flowers, widespread in forest and plantations. D: STP. V: *Stévart 1229* (BRLU), *1230* (BRLU).

VANILLA Plum. ex Mill.
crenulata Rolfe
H: terrestrial herb with white, yellowish to orange flowers with pink lip, in lowland forest and ridges. D: P. V: *Stévart 647* (BRLU).
grandifolia Lindl.
H: terrestrial herb with yellowish flowers, on ridges. D: P. V: *Stévart 328* (BRLU).
***planifolia** Andr.
H: terrestrial herb with yellowish flowers, cultivated or in old plantations D: STP. V: *Stévart 270* (BRLU).

ZEUXINE Lindl.
elongata Rolfe
H: terrestrial herb with white to greenish flowers, in secondary forest. D: STP. V: *Stévart 135* (BRLU, K), *334* (BRLU).
heterosepala (Rchb.f.) Geerinck
Hetaeria heterosepala (Rchb.f.) Summerh.
H: terrestrial herb with white and pink flowers, in submontane and mid-elevation forests. D: STP. V: *Stévart 428* (BRLU, K).
stammleri Schltr.
H: terrestrial herb with pink, white to greenish flowers, in lowland forests. D: P. V: *Stévart 633* (BRLU).

OXALIDACEAE

OXALIS L.
corniculata L.
H: annual or perennial herb with yellow flowers. D: STP. V: *Paiva 567* (COI), *974* (COI).
***corymbosa** DC. (*Fiá-viola, Lamera, Madringueiro*)
H: perennial herb with pink or purple flowers, in secondary forest, plantations, and on roadsides. M: 33; 79. D: STP. V: *Paiva 1386* (COI), *1945* (COI).

PANDANACEAE

PANDANUS Parkinson
candelabrum P.Beauv.
H: tree. D: P.
[E]thomensis Henriq. (*Páia-séla, Pau-esteira, Pó-paia-cela*)
H: tree ± 15 m high. D: ST. V: *Paiva 1162* (COI).

PAPAVERACEAE

***ARGEMONE** L.
***mexicana** L. (*Cundú-de-muala-vé*)
H: annual herb with yellow flowers. N: common name indicated by Santo (1969) is same as for *Acanthus montanus*. D: ST.

PASSIFLORACEAE

ADENIA Forssk.
cissampeloides (Planch. ex Hook.) Harms (*Fissandja*)
H: climber. M: 79; 95; 140; 183. D: ST. V: *Madureira & Martins 486* (COI).
lobata (Jacq.) Engl.
H: climber with greenish yellow flowers. D: STP. V: *Lejoly 97/230B* (BRLU, LISC).

***PASSIFLORA** L.
***edulis** Sims (*Macujá, Malacujá, Maracujá, Maracujá-pequeno, Maracujá-roxo*)
H: climber. E: fruits. M: 136. D: ST. V: *Paiva 188* (COI).
***foetida** L. (*Macujá-de-mato, Malacujá-blavo, Maracujá-do-mato, Martírios-fétidos*)
H: climber. E: fruits. M: 79; 98; 114; 136; 179. D: STP. V: *Paiva 816* (COI).
***quadrangularis** L. (*Grenadilha, Macujá, Malacujá, Maracujá, Maracujá-grande*)
H: climber. E: fruits. M: 42; 98. D: STP. V: *Paiva 968* (COI).

PHYTOLACCACEAE

***PETIVERIA** L.
***alliacea** L.
H: perennial herb. D: ST. V: *Oliveira 883* (BRLU).

PHYTOLACCA L.
dodecandra L'Hér. (*Fiá-mati, Matri*)
dodecandra L'Hér. var. *apiculata* (Engl.) Baker & C.H.Wright
H: climbing shrub, in secondary forest and on roadsides. M: 139. D: ST. V: *Paiva 1066* (COI).

PIPERACEAE

PEPEROMIA Ruíz & Pav.
fernandopoiana C.DC.
H: herb, creeping or trailing, mostly epiphytic, in forest. D: P. V: *Jof-froy 197* (BRLU).
molleri C.DC.
H: epiphytic herb, in forest. D: STP. V: *Paiva 1399* (COI).
pellucida (L.) Kunth (*Alfabaca, Alfavaca, Fia-alfobaca*)
H: erect or procumbent, annual herb, in forest. M: 57; 61; 79; 98; 114; 123; 149. D: STP. V: *Paiva 1406* (COI), *1890* (COI).
retusa (L.f.) A.Dietr. var. **retusa**
retusa (L.f.) A.Dietr. var. *mannii* (Hook.f.) Düll
H: perennial, creeping or epiphytic herb, in forest. D: ST. V: *Matos 7565* (LISC).
tetraphylla (G.Forst.) Hook. & Arn.
reflexa (L.f.) A.Dietr.
H: perennial, usually epiphytic herb, in forest. D: ST. V: *Matos 7555* (LISC).
thomeana C.DC.
vaccinifolia C.DC.
H: creeping herb. D: ST.
vulcanica Baker & C.H.Wright
hygrophila Engl.
H: creeping herb. D: ST. V: *Lejoly 94/528* (BRLU, LISC).

PIPER L.
capense L.f. (*Fia-boba-piquina*)
H: shrub or undershrub, sometimes liana, in forest, secondary forest and plantations. M: 43; 53; 80; 104; 154; 166. D: STP. V: *Figueiredo 59* (K); *Paiva 523* (COI).
guineense Schumach. & Thonn. (*Pau-pimenta, Pimenta-de-S.Tomé, Pó-pimenta*)
H: liana, in forest. E: fruits (spice). M: 51; 63; 108; 115. D: STP. V: *Madureira & Martins 463* (COI).
***nigrum** L. (*Pimenta, Pimenteira*)
H: climber. E: fruits (spice). M: 63; 152; 164. D: ST. V: *Paiva 654* (COI).
umbellatum L. (*Fia-bôba, Fiá-bôba-d'obô, Fia-bobó, Folha-bôba, Folha-bôba-branca*)
Pothomorphe umbellata (L.) Miq.
H: shrub or woody herb, in forest, secondary forest and on roadsides. M: 16; 51; 150; 159; 166; 167. D: STP. V: *Figueiredo 40* (K); *Paiva 1421* (COI).

*PLANTAGINACEAE

***PLANTAGO** L.
***major** L.
H: herb. D: ST.

PLUMBAGINACEAE

PLUMBAGO L.
***auriculata** Lam.
H: shrub with blue flowers. O. D: ST.
zeylanica L.
H: herb with white flowers, in secondary forest. M: 145; 183. D: ST. V: *Madureira & Martins 498* (COI).

POACEAE

ACROCERAS Stapf
zizanoides (Kunth) Dandy
H: perennial grass, over 1 m high. D: ST.

?**AGROSTIS** L.
?**tropica** P.Beauv.
N: recorded by Exell (1944, 1973) based on literature citations; no specimens known.

ANTHEPHORA Schreb.
cristata (Döll) Hack. ex De Wild. & T.Durand
H: annual grass, up to 1 m high. D: ST.

AXONOPUS P.Beauv.
***compressus** (Sw.) P.Beauv.
H: perennial grass up to 0.6 m high. D: ST.
flexuosus (Peter) C.E.Hubb. ex Troupin
H: perennial grass, up to 1 m high. D: P.

***BAMBUSA** Schreb.
***vulgaris** Schrad. ex J.C.Wendl. (*Bambu*)
H: bamboo up to 25 m high. M: 22. D: STP. V: *Paiva 65* (COI).

***BRIZA** L.
***maxima** L.
H: annual grass, up to 1 m high. D: ST.

CENTOTHECA Desv.
lappacea (L.) Desv.
H: annual grass up to 0.6 m high, in secondary forest, plantations and on roadsides. D: STP. V: *Matos 7594* (LISC).

CHLORIS Sw.
pilosa Schumach.
H: annual grass up to 1 m high. D: STP.
pycnothrix Trin.
H: annual grass up to 0.5 m high. D: STP. V: *Lejoly 95/064* (LISC).

***COIX** L.
***lacryma-jobi** L. (*Capim-de-Nossa-Senhora*)
H: annual grass up to 1.3 m high. D: ST.

***CYMBOPOGON** Spreng.
***citratus** (DC.) Stapf (*Belgata, Capim-cheiroso, Capim-do-Gabão, Chá-do-Gabão, Chá-do-Príncipe, Fiá-chalela, Folha-Gabão*)
H: perennial grass to 2 m high. M: 22; 52; 76; 107; 150. D: STP. V: *Madureira & Martins 335* (COI).

CYNODON Rich.
dactylon (L.) Pers.
H: perennial grass up to 0.4 m high. D: ST. V: *Paiva 278* (COI).

DACTYLOCTENIUM Willd.
aegyptium (L.) Willd.
H: annual grass up to 0.6 m high. D: ST. V: *Paiva 395* (COI).

DIGITARIA Haller
horizontalis Willd.
H: annual grass up to 0.6 m high. D: STP.
longiflora (Retz.) Pers.
H: annual grass up to 0.3 m high. D: ST. V: *Paiva 402* (COI).

ECHINOCHLOA P.Beauv.
colona (L.) Link
H: annual grass up to 1.2 m high. D: ST.

ELEUSINE Gaertn.
indica (L.) Gaertn. (*Áliba-caçu, Queblancaná*)
H: annual grass up to 0.6 m high. M: 61; 79; 104; 135; 175. D: STP. V: *Madureira & Martins 303* (COI).

ERAGROSTIS Wolf
amabilis (L.) Wight & Arn. var. **amabilis**
tenella (L.) P.Beauv. ex Roem. & Schult.
H: annual grass up to 0.5 m high. D: STP. V: *Lejoly 97/289* (LISC).
domingensis (Pers.) Steud. (*Fiá-vador, Folha-de-voador*)
H: annual grass up to 1.2 m high, in coastal areas. D: ST. V: *Paiva 810* (COI).
superba Peyr.
H: perennial grass up to 1.2 m high, ruderal. D: ST. V: *Paiva 646* (COI).

ERIOCHLOA Kunth
fatmensis (Hochst. & Steud.) Clayton
nubica (Steud.) Hack. & Stapf ex Thell.
H: annual grass up to 0.7 m high. D: ST.

HETEROPOGON Pers.
contortus (L.) P.Beauv. ex Roem. & Schult.
H: perennial grass up to 1 m high. D: STP. V: *Lejoly 93/656* (BRLU).

?***HORDEUM** L.
?***vulgare** L.
N: recorded by Silva (1958) but no specimens are known.

HYPARRHENIA Andersson ex E.Fourn.
diplandra (Hack.) Stapf
H: perennial grass up to 3 m high. D: ST.
rufa (Nees) Stapf
rufa var. *major* (Rendle) Stapf
H: perennial grass up to 2.5 m high. D: ST. V: *Matos 7315* (LISC).

ISACHNE R.Br.
buettneri Hack.
H: perennial grass up to 0.5 m high. D: STP. V: *Paiva 1182* (COI).
mauritiana Kunth
H: perennial grass up to 0.6 m high. D: ST.

LEPTASPIS R.Br.
zeylanica Nees ex Steud.
cochleata Thwaites
H: rhizomatous grass up to 1 m high. D: STP. V: *Matos 7364* (LISC).

MEGASTACHYA P.Beauv.
mucronata (Poir.) P.Beauv.
H: annual or perennial herb up to 0.9 m high. V: *Matos 7767* (LISC).

MELINIS P.Beauv.
minutiflora P.Beauv.
H: perennial grass up to 1.5 m high. D: ST.
repens (Willd.) Zizka
Rhynchelytrum repens (Willd.) C.E.Hubb.
H: annual or perennial grass up to 1.5 m high. D: P.

***OLYRA** L.
***latifolia** L. (*Fiá-piála, Impialá*)
H: perennial grass up to 4 m high. M: 180; 183. D: STP. V: *Madureira & Martins 276* (COI).

OPLISMENUS P.Beauv.
burmannii (Retz.) P.Beauv.
H: annual grass up to 0.6 m high, in forest and on roadsides. D: ST. V: *Paiva 1309* (COI).
hirtellus (L.) P.Beauv. (*Erva-colchão*)
H: perennial grass up to 1 m high, in forest. D: STP. V: *Paiva 585* (COI), *1137* (COI).

?***ORYZA** L.
?***sativa** L. (*Arroz*)
N: recorded by Silva (1958), but no specimens are known.

PANICUM L.
brevifolium L.
H: annual grass up to 0.6 m high. D: STP. V: *Paiva 1184* (COI).
hochstetteri Steud. (*Erva-de-senhora*)
H: perennial grass up to 1 m high, in forest. D: ST. V: *Paiva 1095* (COI).
maximum Jacq. (*Capim-gigante*)
H: perennial grass up to 3 m high, on roadsides. D: STP. V: *Paiva 964* (COI).

PASPALUM L.
conjugatum P.J.Bergius (*Gutchim-duátche*, *Muala-sendê-môm-sendê-ôpé*)
H: perennial grass up to 0.6 m high, in forest. M: 27; 52; 150. D: STP. V: *Paiva 1383* (COI).
paniculatum L. (*Albarção, Aliba-cáçu, Aliba-queblancana, Comida-de-cachequeque, Erva-cacho, Mansuensuen, Muambe*)
H: perennial grass up to 1.2 m high. D: STP. V: *Paiva 966* (COI).
scrobiculatum L.
orbiculare G.Forst.
H: perennial grass up to 0.6 m high, in forest. D: ST. V: *Lejoly 93/642* (BRLU).
vaginatum Sw.
H: perennial grass up to 0.6 m high. D: ST.

PENNISETUM Rich.
laxior (Clayton) Clayton
Beckeropsis laxior Clayton
H: annual grass up to 0.8 m high. D: ST.

PENNISETUM Rich. (cont.)
polystachion (L.) Schult.
H: annual or perennial grass up to 2 m high. D: STP. V: *Paiva 514* (COI).
purpureum Schumach.
H: perennial grass up to 8 m high. D: ST. V: *Paiva 737* (COI).

POA L.
annua L.
H: annual grass up to 0.3 m high. D: STP.

PSEUDECHINOLAENA Stapf
polystachya (Kunth) Stapf
H: annual grass up to 0.3 m high. D: ST.

ROTTBOELLIA L.f.
cochinchinensis (Lour.) Clayton
exaltata (L.) L.f.
H: annual grass up to 2.5 m high. D: ST.

***SACCHARUM** L.
***officinarum** L. (*Cana-de-açúcar, Cana-sucli, Cánam*)
H: perennial grass up to 4 m high. D: STP. V: *Paiva 1038* (COI).

SACCIOLEPIS Nash
africana C.E.Hubb. & Snowden
H: rhizomatous perennial grass up to 1.8 m high. D: ST.

?***SECALE** L.
?***cereale** L.
N: recorded by Silva (1958), but no specimens are known.

SETARIA P.Beauv.
barbata (Lam.) Kunth
H: annual grass up to 1.5 m high. D: STP.
longiseta P.Beauv.
H: perennial grass up to 0.9 m high. D: STP.
megaphylla (Steud.) T.Durand & Schinz (*Erva-boi, Ogá-ogá, Uága-uága, Ugá-ugá*)
chevalieri Stapf
H: perennial grass up to 3 m high. M: 29; 31; 62; 64; 129. D: STP. V: *Paiva 544* (COI), *1318* (COI).

SORGHUM Moench
arundinaceum (Desv.) Stapf (*Mansuensué, Sorgo*)
H: annual or perennial up to 4 m high. D: ST. V: *Paiva 121* (COI).
* ×**drummondii** (Steud.) Millsp. & Chase
H: annual grass. D: P.

SPOROBOLUS R.Br.
molleri Hack.
H: annual grass up to 0.3 m high. D: STP.
pyramidalis P.Beauv.
H: perennial grass up to 1.6 m high. D: STP. V: *Paiva 170* (COI).
tenuissimus (Mart. ex Schrank) Kuntze
H: annual grass up to 0.9 m high. D: ST.
virginicus (L.) Kunth
H: perennial grass up to 0.6 m high. D: STP.

STENOTAPHRUM Trin.
secundatum (Walter) Kuntze
H: perennial grass, in coastal areas. D: STP. V: *Oliveira 66/99* (BRLU).

?***TRITICUM** L.
?***aestivum** L.
N: recorded by Silva (1958); no specimens known.

***ZEA** L.
***mays** L. (*Mi, Milho*)
H: annual grass up to 4 m high. E: fruit. M: 10; 64; 183. D: STP.

***ZOYSIA** Willd.
***matrella** (L.) Merr.
H: perennial grass. D: ST. V: *Lejoly 98/270* (BRLU).

POLYGONACEAE

***ANTIGONON** Endl.
***leptopus** Hook. & Arn. (*Brinco-de-casamento, Rosa-de-casamento*)
H: climber with pink flowers. D: ST. V: *Paiva 1521* (COI).

PERSICARIA (L.) Mill.
decipiens (R.Br.) K.L.Wilson
Polygonum salicifolium Brouss. ex Willd.
H: annual herb. D: ST. V: *Matos 7500* (LISC).
senegalensis (Meisn.) Soják
Polygonum senegalense Meisn.
H: perennial succulent herb, near water. D: ST.

RUMEX L.
abyssinicus Jacq.
H: perennial herb. D: ST. V: *Matos 7366* (LISC).
crispus L.
H: herb, ruderal. D: ST. V: *Lejoly 97/236* (BRLU, LISC).

PORTULACACEAE

PORTULACA L.
oleracea L. (*Beldroega, Bodlega, Bodlega-piquina, Fia-bodléga, Fia-bondlega*)
H: annual succulent herb, ruderal. E: leaves. M: 51; 135; 179. D: ST. V: *Paiva 563* (COI), *1283* (COI).
quadrifida L.
N: recorded by Exell (1973) based on Silva (1958) without specimen citation.

***TALINUM** Adans.
***triangulare** (Jacq.) Willd. (*Bodlega-grande*, *Budelega*)
H: perennial succulent herb with purple flowers. E: leaves. M: 185. D: ST. V: *Paiva 652* (COI).

*PROTEACEAE

***GREVILLEA** R.Br. ex Knight
***robusta** A.Cunn. ex R.Br. (*Grevília*)
H: tree with orange flowers. O. D: ST. V: *Oliveira 85* (BRLU).

*PUNICACEAE

***PUNICA** Smook
***granatum** L. (fruit: *Romã*; tree: *Romanzeira, Romeira*)
H: shrub or tree in plantations. E: fruits. M: 61; 136. D: ST. V: *Madureira & Martins 659* (COI).

RANUNCULACEAE

CLEMATIS L.
hirsuta Guill. & Perr. (*Matucana*)
H: climber with white flowers. D: ST. V: *Paiva 1057* (COI).

RHAMNACEAE

LASIODISCUS Hook.f.
mannii Hook.f.
H: shrub or tree up to 10 m high, in forest. D: P.
mildbraedii Engl.
H: shrub or tree up to 10(–24) m high, in lowland forest. D: ST. V: *Figueiredo 81* (K).
[E]rozeirae Exell
H: habit unknown. D: ST.

MAESOPSIS Engl.
eminii Engl. (*Pau-chuva, Pó-suba*)
H: tree, in forest. D: ST.

VENTILAGO Gaertn.
diffusa (G.Don) Exell
H: liana, in forest. D: ST.

ZIZIPHUS Mill.
abyssinica A.Rich. (*Chimblom, Macã-da-India, Simblom, Zimbrão*)
H: shrub or tree, spiny, in savanna. E: fruits. D: ST. V: *Paiva 1522* (COI).
***mauritiana** Lam. (*Chimblom, Maçã-do-Japão, Zimbrão*)
H: tree, in savanna. E: fruits. D: ST. V: *Matos 7323* (LISC).

RHIZOPHORACEAE

CASSIPOUREA Aubl.
[E]**glomerata** Alston
H: shrub. D: ST.
gummiflua Tul. var. **mannii** (Hook.f. ex Oliv.) J.Lewis
H: tree. D: ST.

RHIZOPHORA L.
harrisonii Leechm. (*Mangue-da-praia, Mangue-muala, Mangue--rosso, Mangue-roxo, Mangue-vermelho*)
H: shrub, in mangroves. M: 60; 150. D: STP. V: *Paiva 251* (COI).
mangle L.
H: shrub, in mangroves. D: ST. V: *Oliveira 920* (BRLU).
racemosa G.Mey. (*Mangue-da-praia, Mangue-vermelho*)
H: shrub or tree, in mangroves. D: ST. V: *Matos 7268* (LISC).

ROSACEAE

Note: several cultivated species have been recorded, but it is unlikely that they occur as escapes: **Cydonia oblonga** Mill., **Cerasus vulgaris** Mill. (= *Prunus cerasus* L.), **Prunus domestica** L., **P. persica** (L.) Batsch, **Amygdalus communis** L. (= *Prunus dulcis* (Mill.) D.A.Webb).

ALCHEMILLA L.
cryptantha Steud. ex A.Rich.
H: perennial creeping herb. D: ST. V: *Matos 7368* (LISC).

***ERIOBOTRYA** Lindl.
***japonica** (Thunb.) Lindl. (fruit: *Nespla*; tree: *Nespereira*)
H: tree cultivated for fruit and escaped. M: 99. D: ST. V: *Martins & Martins 668* (COI).

***MALUS** Mill**.**
***pumila** Mill.
H: tree cultivated for fruit and escaped. D: ST.

PRUNUS L.
africana (Hook.f.) Kalkman
Pygeum africanum Hook.f.
H: tree, in forest. D: ST. V: *Oliveira 43* (BRLU).

***ROSA** L.
***chinensis** Jacq.
H: scandent shrub. O. D: STP.
***laevigata** Michx.
H: shrub. O. D: ST.
***multiflora** Thunb.
H: shrub. O. D: ST. N: recorded at summit of Pico.

RUBUS L.
pinnatus Willd. (plant: *Ido-ido, Silva*; fruit: *Molango, Molango-d'obô, Morango-silvestre*)
pinnatus Willd. var. *afrotropicus* (Engl.) Gustafsson
H: scandent shrub with white flowers. E: fruits. M: 173. D: ST. V: *Paiva 1393* (COI).
***rosifolius** Sm. (fruit: *Framboesa, Morango, Morango-silvestre, Tramboesa*)
H: scandent shrub with white flowers. E: fruits. D: STP. V: *Paiva 1506* (COI).

RUBIACEAE

(Alves *et al.* 2005; Figueiredo 2005)

AIDIA Lour.
[E]**quintasii** (K.Schum.) G.Taylor (*Muindo, Muindro*)
H: tree, in forest. M: 13; 22; 56; 57; 71; 134; 158; 177. D: ST. V: *Martins & Martins 523* (COI).
[E]**wattii** G.Taylor (*Inhé-muela*)
H: tree, in forest. D: ST.

AORANTHE Somers
cladantha (K.Schum.) Somers
H: tree, in forest. D: ST.

AULACOCALYX Hook.f.
[E]**pallens** (Hiern) Bridson & Figueiredo subsp. **pallens** (*Teia-teia--pequeno*)
H: shrub or tree, in forest. D: ST. V: *Joffroy 112* (LISC).

BELONOPHORA Hook.f.
[E]**coffeoides** Hook.f. subsp. **coffeoides**
H: tree. D: ST.

BERTIERA Aubl.
[E]**pedicellata** (Hiern) Wernham
H: shrub, in forest. D: ST. V: *Matos 7344* (BRLU, LISC).
racemosa (G.Don) K.Schum. var. **elephantina** N.Hallé (*Café-d'obô*)
H: tree or shrub, in forest. M: 94; 124; 165. D: STP. V: *Figueiredo 65* (K, LISC); *Paiva 1887, 1914* (COI).
racemosa (G.Don) K.Schum. var. **racemosa** (*Viro-branco*)
H: tree or shrub, in forest. D: STP. V: *Matos 7274* (LISC), *7763* (LISC).

CHASSALIA Poir.
[E]**doniana** (Benth.) G.Taylor
H: shrub, in forest. D: ST. V: *Paiva 912* (COI).
[E]**euchlora** (K.Schum.) Figueiredo
H: epiphyte, in forest. D: ST. V: *Oliveira s.n.* (LISC).
[E]**hiernii** (Kuntze) G.Taylor var. **glandulosa** G.Taylor
H: shrub, in forest. D: P.
[E]**hiernii** (Kuntze) G.Taylor var. **hiernii**
H: shrub, in forest. D: P. V: *Paiva 592* (COI).

***CINCHONA** L. (*Pau-quina, Pó-quina, Quina, Quineira*)
Note: several species have been recorded as introduced.
***carabayensis** Wedd.
hasskarliana Miq.
H: shrub, in secondary forest. M: 22; 103; 123; 126; 173. D: STP. V: *Madureira & Martins 132* (COI).
***ledgeriana** (Howard) Bern. Moens ex Trimen
H: shrub, in secondary forest. D: ST. V: *Matos 7377* (BRLU, LISC).
***pubescens** Vahl
succirubra Pav.
H: shrub, in secondary forest. M: 22; 103; 123; 126; 173. D: STP. V: *Madureira & Martins 25* (COI).

***COFFEA** L. (*Café, Cafeeiro, Cafézeiro*)
Note: also recorded as cultivated: **C. canephora** Pierre ex A.Froehner (*Café-robusta*), **C. racemosa** Lour. (*Café-de-Inhambane, Café--Inhambane*)
***arabica** L. (*Café-arábia, Café-arábica*)
H: shrub or tree, in secondary forest. M: 27; 52; 55; 61; 64; 79; 81; 102; 150; 164; 173. D: STP. V: *Paiva 901* (COI).
***liberica** W.Bull ex Hiern (*Café-da-Libéria, Café-excelsa, Café--excelsior, Café-Libéria*)
H: shrub or tree, in secondary forest. D: STP. V: *Paiva 560* (COI).
***stenophylla** G.Don
H: shrub or tree, in secondary forest. D: ST.

CORYNANTHE Welw.
***paniculata** Welw. (*Angue-d'obô*)
H: tree, in secondary forest. M: 56; 124. D: ST. V: *Madureira & Martins 663* (COI).

CRATERISPERMUM Benth.
montanum Hiern (*Macamblalá, Macambrará*)
H: tree, in forest. M: 22; 50; 99; 102; 109; 126; 134; 144. D: STP. V: *Madureira & Martins 408* (COI).

DIODIA L.
serrulata (P.Beauv.) G.Taylor
H: herb, on roadsides and in villages, palm plantations, littoral. D: STP. V: *Matos 7731* (LISC).

ECPOMA K.Schum.
[E]**cauliflora** (Hiern) N.Hallé
H: shrub, in forest. D: STP. V: *Joffroy 207* (BRLU, LISC); *Stévart 68* (BRLU, LISC).
gigantistipula (K.Schum.) N.Hallé
H: shrub, in forest. D: P. V: *Oliveira 165/98* (LISC).

GAERTNERA Lam.
paniculata Benth.
H: shrub or tree, in forest. D: P. V: *Oliveira 157/98* (LISC).

GEOPHILA D.Don
afzelii Hiern
H: herb, in forest, on roadsides. D: P. V: *Paiva 551* (COI).

GEOPHILA D.Don (cont.)
repens (L.) I.M.Johnst. (*Olhá-dátô*)
H: herb, in forest, on roadsides. M: 30; 48. D: STP. V: *Matos 7751* (LISC); *Paiva 1364* (COI).

HEINSIA DC.
crinita (Afzel.) G.Taylor
H: shrub or tree. D: P.

HYMENOCOLEUS Robbr.
neurodictyon (K.Schum.) Robbr.
H: herb, in forest. D: P.

HYMENODICTYON Wall.
biafranum Hiern
H: shrub or tree, in forest, lava flows, crater swamp, on stream banks. D: STP. V: *Matos 7508* (LISC); *Stévart 256* (LISC).

***IXORA** L.
***coccinea** L.
H: shrub with red flowers. O. D: ST.

LASIANTHUS Jack
[E]**africanus** Hiern
H: shrub, in forest. D: STP. V: *Joffroy 196* (BRLU, LISC); *Matos 7532* (LISC).

MORINDA L.
lucida Benth. (*Glicô, Gligô, Grigô, Guico, Guigo, Moindo*)
H: tree or shrub, in forest and plantations. M: 33; 51; 52; 56; 57; 112; 126; 151; 163. D: STP. V: *Paiva 1199* (COI)*, 1882* (COI).

MUSSAENDA L.
[E]**tenuiflora** Benth. var. **principensis** G.Taylor
H: woody climber, in forest. D: P.
[E]**tenuiflora** Benth. var. **thomensis** G.Taylor
H: woody climber or liana, in forest. D: ST. V: *Figueiredo 43* (LISC).

OLDENLANDIA L.
corymbosa L.
H: herb, on roadsides, in plantations. D: STP.
herbacea (L.) Roxb.
H: herb, ruderal. D: ST. V: *Oliveira 505* (LISC).
lancifolia (Schumach.) DC.
H: herb, in wet areas in forest, on roadsides, in plantations. D: ST. V: *Matos 7733* (LISC); *Paiva 1353* (COI).

OTOMERIA Benth.
cameronica (Bremek.) Hepper
H: herb, in forest. D: P.

OXYANTHUS DC.
speciosus DC. (*Borracha-do-mato, Café-d'ôbo, Café-do-mato, Clicôtó-d'obô, Clocoto-d'obó, Gligô-d'ôbô, Mule-mule, Nonó, Pau-louro*)
H: shrub or small tree, in forest. M: 40; 94. D: STP. V: *Oliveira 209/98* (LISC); *Paiva 1357* (COI).

PAURIDIANTHA Hook.f.
[E]**camposii** (G.Taylor) N.Hallé
H: unknown. D: ST.
floribunda (K.Schum. & K.Krause) Bremek. (*Nicolau, Pau-caixão, Pau-nicolau, Pó-luculá*)
H: tree or shrub, in forest. M: 13; 126; 173. D: STP. V: *Figueiredo 70* (K, LISC).
[E]**insularis** (Hiern) Bremek.
H: small tree, in forest. D: ST. V: *Matos 7567* (LISC).
rubens (Benth.) Bremek.
H: shrub, in forest or lava flows. D: ST.

PAVETTA L.
monticola Hiern (*Língua-de-boi*)
H: shrub or tree, in forest. D: ST. V: *Paiva 885* (COI).

PENTAS Benth.
schimperiana (A.Rich.) Vatke subsp. **occidentalis** (Hook.f.) Verdc.
H: shrub or woody herb, in forest. D: ST. V: *Matos 7367* (LISC).

PENTODON Hochst.
pentandrus (Schumach. & Thonn.) Vatke
H: herb, in forest and on stream banks. D: ST. V: *Matos 7720* (LISC).

POUCHETIA A.Rich. ex DC.
sp.; Figueiredo (2005: 100)
H: shrub or tree, in forest and on stream banks. D: STP. V: *Matos 7250* (LISC).

PSYCHOTRIA L.
[E]**exellii** R.Alves, Figueiredo & A.P.Davis
H: small tree, in forest. D: ST.
[E]**grumilea** (Kuntze) E.M.A.Petit
H: shrub or tree, in forest. D: ST. V: *Matos 7502* (BRLU, LISC).
[E]**guerkeana** K.Schum.
H: shrub or tree, in forest. D: ST. V: *Matos 7557* (BRLU, LISC).
lucens Hiern var. **lucens**
H: shrub or tree, in forest. D: ST. V: *Matos 7483* (BRLU, LISC).
[E]**molleri** K.Schum. (*Pau-duno*)
H: shrub, in forest. D: ST. V: *Matos 7245* (BRLU, LISC).
[E]**nubicola** G.Taylor
H: shrub or tree, in forest. D: ST. V: *Lejoly 94/563-B* (BRLU, LISC).
peduncularis (Salisb.) Steyerm. (*Aio-d'obô, Alho-d'obó, Pó-clusso*)
H: shrub, in forest. M: 62; 98; 103; 124; 158; 174. D: STP. V: *Figueiredo 63* (K, LISC); *Paiva 1917* (COI).
[E]**principensis** G.Taylor (*Café-silvestre*)
H: shrub or tree, in forest. D: P. V: *Paiva 600* (COI).
spathacea (Hiern) Verdc. (*Aio-d'obô, Alho-d'óbô*, *Café-do-mato, Pau-leite, Pó-clusso*)
H: shrub, in forest. M: 62; 71; 94; 98; 103; 124; 158; 174. D: ST. V: *Paiva 1190* (COI)*, 1919* (COI).
subobliqua Hiern (*Quaco-maguita*)
H: shrub or tree, in forest. M: 22; 131. D: STP. V: *Figueiredo 97* (K, LISC).
[E]**thomensis** G.Taylor
H: shrub or tree, in forest. D: ST. V: *Matos 7246-4* (BRLU, LISC).
venosa (Hiern) E.M.A.Petit (*Pó-água, Pó-áua*)
H: shrub or tree, in forest. M: 61; 68; 98; 103; 105; 124; 183. D: ST. V: *Madureira & Martins 496* (COI).

PSYDRAX Gaertn.
acutiflora (Hiern) Bridson (*Códó d'áua, Corda-d'água, Gligô-d'obô*)
H: scandent shrub or climber, in forest. M: 53; 99; 122; 124; 146; 178. D: ST. V: *Madureira & Martins 495* (COI).
parviflora (Afzel.) Bridson
H: tree, in forest. D: ST.
subcordata (DC.) Bridson var. **subcordata** (*Clá-clá, Fiá-nónó, Nonó, Pau-formiga, Pó-flóminga*)
H: myrmecophilous tree with horizontal branches at top, in forest. M: 52; 124; 150. D: ST. V: *Paiva 1053* (COI).
sp. A; Figueiredo (2005: 103)
H: small tree, in forest. D: P.
sp. B; Figueiredo (2005: 103)
H: scandent shrub, in forest. D: P. V: *Matos 7758A* (LISC).

ROTHMANNIA Thunb.
urcelliformis (Hiern) Robyns (*Mucumba, Teia-teia, Teia-teia-machado*)
H: shrub or small tree, in forest. D: ST. V: *Oliveira 629* (LISC).

RUTIDEA DC.
smithii Hiern (*Grigo-d'obó*)
H: climber, in forest. D: ST. V: *Lejoly 97/304* (LISC).

RYTIGYNIA Blume
rubra Robyns
H: shrub, in forest. D: ST. V: *Figueiredo 107* (K).
umbellulata (Hiern) Robyns
H: shrub or small tree, in forest. D: STP. V: *Figueiredo 82* (K, LISC).

SABICEA Aubl.
[E]**exellii** G.Taylor
H: in forest, on stream banks. D: ST. V: *Joffroy 146* (BRLU, LISC).
[E]**ingrata** K.Schum. var. **ingrata**
H: woody climber in forest, on stream banks, on roadsides. D: ST. V: *Figueiredo 50* (K, LISC).
ingrata K.Schum. var. **insularis** (Wernham) Joffroy
H: woody climber, in forest. D: ST. V: *Figueiredo 239* (LISC).
thomensis Joffroy
H: woody climber, in forest. D: ST. V: *Lejoly 97/330* (BRLU, LISC).

SACOSPERMA G.Taylor
paniculatum (Benth.) G.Taylor (*Gligô-d'obô*)
H: woody climber, in forest. M: 53; 99; 122; 124; 146; 178. D: STP. V: *Madureira & Martins 292* (COI).

SPERMACOCE L.
exilis (L.O.Williams) C.Adams ex W.C.Burger & C.M.Taylor
H: herb, in secondary forest, on roadsides and in villages. D: STP. V: *Matos 7695* (LISC).
***verticillata** L. (*Fia-quêsá, Fia-quêsá-homem, Fiá-quêsá-homé, Quezá-homem*)
H: herb, on roadsides, in cultivated lands, secondary forest, ruderal. M: 5; 82; 117. D: ST. V: *Paiva 845* (COI).

TARENNA Gaertn.
eketensis Wernham var. **eketensis**
H: climber, in forest. D: ST. V: *Figueiredo 240* (LISC).
[E]nitiduloides G.Taylor
H: shrub or small tree, in forest. D: STP. V: *Matos 7547* (LISC).
principensis Degreef
H: shrub or small tree, in forest. D: P. V: *Oliveira 578* (LISC).

TRICHOSTACHYS Hook.f.
aurea Hiern
H: shrub, in forest. D: P. V: *Paiva 552* (COI).

UNCARIA Schreb.
africana G.Don
H: climber, in forest, on stream banks. D: ST. V: *Joffroy 137* (LISC).

RUTACEAE

***CITRUS** L.
Note: also recorded as cultivated: **Citrus reticulata** Blanco (*Tangilina*) and **C. sinensis** (L.) Osbeck (*Lanza-doce, Laranja*).

***aurantifolia** (Christm.) Swingle (*Laranjeira-silvestre*)
H: shrub or tree with white flowers. E: fruits. D: P. V: *Paiva 627* (COI).
***aurantium** L. (*Lanza-azêda, Lanza-d'obô, Lanza-mato, Laranjeira-brava, Laranjeira-das-florestas*)
H: tree with white flowers. E: fruits. M: 81; 101; 174. D: ST. V: *Madureira & Martins 212* (COI).
***limon** (L.) Burm.f. (*Limom-blabo*)
H: shrub or tree with white flowers. M: 79; 136; 146. E: fruits. D: ST. V: *Paiva 739* (COI).
?***maxima** (Burm.) Merr.
grandis (L.) Osb.
N: recorded by Exell (1973) based on Silva (1958) without specimen citation.
?***nobilis** Lour.
N: recorded by Exell (1944) based on a citation by Moller; no specimens known.

CLAUSENA Burm.f.
anisata (Willd.) Hook.f. ex Benth. (*Catchina-guessa*)
H: shrub or small tree with white flowers. D: ST.

GLYCOSMIS Corrêa
africana Hook.f. ex Benth.
D: ST. N: not listed in Tropicos (2009) nor AFPD (2009) databases. The type is a collection by Don (*s.n.*, K) from S.Tomé. The material is too poor to be determined (Exell 1944).

***RUTA** L.
***chalepensis** L. (*Arruda, Lurda*)
H: perennial herb, in plantations. E: leaves (condiment). D: ST. V: *Oliveira 202* (BRLU).

ZANTHOXYLUM L.
gilletii (De Wild.) P.G.Waterman (*Mampiam, Marapião*)
Fagara macrophylla Engl.
H: tree with thorns, in forest. D: STP. V: *Paiva 792* (COI).
rubescens Hook.f. (*Malapião*, *Mampiã, Marapião*)
Fagara rubescens (Hook.f.) Engl.
H: tree, in forest. M: 14; 21; 22; 27; 33; 80; 99; 126; 150; 173. D: STP. V: *Madureira & Martins 172* (COI), *454* (COI).
thomense (Engl.) A.Chev. ex P.G.Waterman (*Malapião*, *Mampiã*, *Marapião*)
Fagara thomensis Engl.
H: habit unknown. M: 14; 21; 22; 27; 33; 80; 99; 126; 150; 173. D: ST. V: *Madureira & Martins 508* (COI).

SAPINDACEAE

ALLOPHYLUS L.
africanus P.Beauv. (*Chelala-chelala, Fia-pô-tlêche, Fia-tlêche, Folha--três, Pau-três, Pau-vala, Pó-tléche, Selá-selá*)
H: shrub or tree with white flowers, in forest. M: 3; 19; 22; 57; 124; 170; 187. D: STP. V: *Madureira & Martins 429* (COI).
grandifolius (Baker) Radlk. (*Pau-três, Pó-tléche, Pó-tléche-d'obô*)
H: shrub or small tree, in forest. M: 3; 19; 22; 57; 124; 170. D: STP. V: *Matos 7335* (LISC).

BLIGHIA K.D.Koenig
sapida K.D.Koenig
H: tree with whitish flowers. E: fruits (yellow aril). D: STP.

CARDIOSPERMUM L.
halicacabum L.
H: climber. D: ST.

CHYTRANTHUS Hook.f.
[E]mannii Hook.f. (fruit: *Pecego, Péssuco, Péssugo*; tree: *Pecegueiro, Pecegueiro-de-S.Tomé, Pessegueiro-de-São-Tomé*)
H: shrub or small tree, in forest. E: fruits. M: 22; 53; 61; 67; 78; 81; 124; 173. D: STP. V: *Matos 7685* (LISC).

***PAULLINIA** L.
***pinnata** L. (*Códó-qué, Corda-qué, Corocô, Quoroqué*)
H: climber with white flowers. M: 13; 22; 67; 124; 134; 170. D: STP. V: *Paiva 1163* (COI), *1886* (COI).

SAPOTACEAE

CHRYSOPHYLLUM L.
africanum A.DC. (*Cola-do-obó, Umtuem, Untué-d'obô*)
delevoyi De Wild.
H: tree with creamy white flowers, in forest. M: 61; 83. D: ST. V: *Madureira & Martins 665* (COI).
albidum G.Don (*Úntué, Untué-do-ôbô, Untuen*)
H: tree, in forest, secondary forest and plantations. M: 61; 124; 173; 187. D: STP. V: *Madureira & Martins 664* (COI).
[E]calophyllum Exell
H: shrub with greenish white flowers, in forest. D: P.
[E]henriquesii Engl.
H: habit unknown. D: P.

MANILKARA Adans.
obovata (Sabine & G.Don) J.H.Hemsl. (*Azeitona, Pau-azeitona, Pó--zetona, Zetona*)
multinervis (Baker) Dubard
H: shrub or tree, near watercourses. M: 124. D: STP. V: *Oliveira 16/98* (BRLU); *Pagué 25* (COI).
***zapota** (L.) P.Royen (*Sapotilha*)
H: shrub with white flowers. D: ST. V: *Oliveira 877* (BRLU).

SYNSEPALUM A.DC.
revolutum (Baker) T.D.Penn. (*Pau-azeitona, Zétona*)
Vincentella densiflora (Baker) Pierre
H: tree, in forest. D: ST.

SCROPHULARIACEAE

ALECTRA Thunb.
sessiflora (Vahl) Kuntze var. **monticola** (Engl.) Melch.
H: parasite annual herb. D: P. V: *Stévart 250* (BRLU).

LINDERNIA All.
diffusa (L.) Wettst.
H: herb with whitish flowers in secondary forest. D: STP. V: *Paiva 993* (COI).

***RUSSELIA** Jacq.
***equisetiformis** Schltdl. & Cham.
H: shrub with red flowers. O. D: STP.

***SCOPARIA** L.
***dulcis** L. (*Mazenzem, Quézá*)
H: shrubby herb with white flowers, ruderal. M: 5; 110; 170. D: STP. V: *Madureira & Martins 305* (COI).

THUNBERGIANTHUS Engl.
[E]**quintasii** Engl. (*Musa-fria*)
H: climber with white flowers, in forest and secondary forest. D: ST. V: *Matos 7456* (LISC).

TORENIA L.
thouarsii (Cham. & Schltdl.) Kuntze
H: annual creeping herb rooting at nodes with flowers blue or white. D: STP.

SCYTOPETALACEAE

SCYTOPETALUM Pierre ex Engl.
klaineanum Pierre ex Engl. (*Pó-capitango*, *Vilo-blanco, Viro-branco*)
kamerunianum Engl.
H: tree, in forest. M: 22. D: ST. V: *Madureira & Martins 419* (COI).

*SIMAROUBACEAE

***QUASSIA** L.
***amara** L.
N: recorded by Exell (1973) based on Silva (1958) without specimen citation.

SOLANACEAE

***BROWALLIA** L.
***americana** L. (*Coidano*)
viscosa Kunth
H: herb with purple or blue flowers, in secondary forest and plantations. O. D: ST. V: *Figueiredo 111* (K).

***BRUGMANSIA** Pers.
* ×**candida** Pers.
Datura candida (Pers.) Saff.
H: shrub or small tree with white flowers. M: 27; 164. O. D: ST. V: *Paiva 1280* (COI).

***BRUNFELSIA** L.
***uniflora** (Pohl) D.Don (*Manacá*)
H: shrub with white and purple flowers. O. D: ST.

***CAPSICUM** L.
***annuum** L. (*Maglita*)
H: perennial herb. E: fruits (spice). D: ST.
***frutescens** L. (*Jindungo, Maglita, Maguita-tuá-tuá, Malagrita, Malagueta-tuatuá, Picante, Pimenta, Piripiri*)
H: perennial herb or shrub, ruderal. E: fruits (spice). M: 22; 51; 89; 102; 158; 173. D: STP. V: *Figueiredo 108* (K); *Paiva 529* (COI).

***CESTRUM** L.
***laevigatum** Schltdl. (*Coedano, Cuedano, Pau-febre, Pau-fede*)
H: shrub or tree. M: 79; 98; 103; 112; 123; 128; 153; 158;. D: STP. V: *Figueiredo 44* (K).

***CYPHOMANDRA** Mart.
***betacea** (Cav.) Sendtn. (*Tomate-do-mato*)
H: tree. E: fruits. M: 188. D: ST. V: *Madureira & Martins 472* (COI).

***DATURA** L.
***metel** L. (*Fia-fitiço, Fia-plêto, Folha-feitiço, Folha-preta*)
fastuosa L.
H: annual herb or undershrub with white flowers, ruderal. M: 5; 27; 35; 39; 56; 87; 124; 150; 167. D: ST. V: *Paiva 1295* (COI).
?***stramonium** L. (*Figueira-do-inferno*)
H: herb with white or purple flowers. M: 139. D: ST? N: recorded by Roseira (1984); no specimens known.

***LYCOPERSICON** Mill.
***esculentum** Mill. (*Tomate*)
Solanum lycopersicon L.
H: herb. E: fruits. M: 15; 148. D: STP. V: *Madureira & Martins 666* (COI).

***NICANDRA** Adans.
***physalodes** (L.) Gaertn. (*Pupupléila*)
H: herb or shrub. D: STP. V: *Paiva 31* (COI).

***NICOTIANA** L.
***tabacum** L. (*Tabaco*)
H: perennial herb. M: 150; 158. D: ST. V: *Oliveira 218* (BRLU).

***PHYSALIS** L.
***angulata** L.
H: annual herb. D: STP. V: *Oliveira 536* (BRLU).
***peruviana** L. (*Carapucha*)
H: perennial herb or shrub. E: fruits. D: ST. V: *Paiva 1028* (COI).

SOLANUM L.
***aculeatissimum** Jacq.
H: spiny undershrub with white flowers. D: STP. V: *Lejoly 97/280* (BRLU).
***aethiopicum** L. (*Batuitui*)
gilo Raddi
H: perennial herb. E: fruits. M: 112; 154; 165. D: ST. V: *Madureira & Martins 340* (COI).
***americanum** Mill. (*Dumbú, Lossua*)
H: annual herb. E: leaves. D: ST. V: *Lejoly 95/077* (BRLU, LISC).
anguivi Lam.
indicum sensu auct. non L.
H: shrub. D: ST.
dasyphyllum Schumach. & Thonn.
H: undershrub. D: P.
macrocarpon L. (*Maquequé, Maquêquê*)
H: undershrub or shrub. E: leaves, fruits. M: 31; 60; 89; 100; 146; 170; 182. D: ST. V: *Paiva 1044* (COI).
***melongena** L. (*Beringela-roxa, Binzela*)
H: perennial herb. E: fruits. M: 73; 112; 142; 162; 170; 174; 188. D: ST. V: *Madureira & Martins 667* (COI).
nigrum L. (*Lossua, Lussua, Olossua*)
H: annual herb or undershrub, ruderal. M: 60; 185. D: STP. V: *Paiva 1387* (COI).
terminale Forssk.
H: shrub or climber, in secondary forest and on roadsides. D: ST. V: *Joffroy 12* (BRLU).
***tuberosum** L. (*Batata*)
H: perennial herb. E: tubers. D: ST.
***wrightii** Benth.
H: tree with blue and white flowers. D: ST. V: *Figueiredo 177* (LISC).

STERCULIACEAE

COLA Schott & Endl.
acuminata (P.Beauv.) Schott & Endl. (*Cola, Cola-congo, Coleira, Pau-cola, Pau-de-cola, Pó-di-cola*)
H: shrub or tree. E: fruits (stimulant). M: 13; 42; 52; 57; 62; 74; 101; 135; 172; 177. D: STP. V: *Paiva 664* (COI).
digitata Mast. (*Cola-congo*)
H: shrub or tree. D: STP. V: *Joffroy 217* (BRLU); *Oliveira 1063* (BRLU).
sphaerocarpa A.Chev.
H: habit unknown. D: ST. N: doubtful species described from fruits only (Exell 1944); no specimens known.

MELOCHIA L.
corchorifolia L.
H: annual herb or perennial undershrub. D: ST.

STERCULIA L.
bequaertii De Wild. (*Bungá*)
H: tree. D: ST. V: *Figueiredo 232* (LISC).
tragacantha Lindl. (*Néspera, Néspera-d'obó, Néspla-d'obó, Popó*)
H: shrub or tree. D: STP.

***THEOBROMA** L.
***cacao** L. (*Cacau, Cacaueiro, Cacauzeiro, Cacueiro*)
H: tree. E: fruits. M: 51; 94; 98; 173. D: STP. V: *Paiva 723* (COI).

STRYCHNACEAE

STRYCHNOS L.
sp.
H: shrub or small tree in forest. D: STP. V: *Oliveira 571* (BRLU), *145/98* (BRLU).

?TACCACEAE

?**TACCA** J.R.Forst. & G.Forst.
?**leontopetaloides** (L.) Kuntze
N: recorded by Exell (1944, 1973) based on literature citations; no specimens known.

THEACEAE

***CAMELLIA** L.
***japonica** L. (*Cameleira, Camélia*)
H: shrub or small tree. D: ST.
***sinensis** (L.) Kuntze (*Chá, Cházeiro, Pau-chá*)
H: shrub or small tree. D: ST.

MELCHIORA Kobuski
[E]**mannii** (Oliv.) Kobuski
Balthasaria mannii (Oliv.) Verdc.
H: small tree, in primary forest. D: ST. N: not collected since 1956.

THYMELAEACEAE

DICRANOLEPIS Planch.
[E]**thomensis** Engl. & Gilg
H: shrub with white flowers, in forest. D: STP. V: *Matos 7679* (LISC).

PEDDIEA Harv.
[E]**thomensis** Exell
H: shrub or small tree with white flowers in forest. D: STP. N: was considered a synonym of *P. africana* Hook. by Breteler (1994). V: *Joffroy 223* (BRLU); *Matos 7566* (LISC).

TILIACEAE

CORCHORUS L.
aestuans L.
H: annual or perennial herb. E: leaves. D: ST.
olitorius L.
H: annual herb. E: leaves. D: ST.

GREWIA L.
carpinifolia Juss.
H: shrub or small tree with yellow flowers. D: ST. V: *Figueiredo 248* (LISC).
floribunda Mast.
H: shrub or liana. D: ST.
malacocarpa Mast.
H: climbing shrub or liana. D: ST.

TRIUMFETTA L.
rhomboidea Jacq.
H: perennial herb or undershrub. D: ST. V: *Paiva 169* (COI).

TRIURIDACEAE
(Daniel 2010)

SCIAPHILA Blume
ledermannii Engl.
H: perennial herb. D: P.

ULMACEAE

CELTIS L.
gomphophylla Baker (*Cheque-cheque*, *Pau-féde, Pó-fédé*)
H: tree. D: ST.
mildbraedii Engl. (*Capitango, Capitão, Gromotu, Pau-capitão, Pó-capitom*)
H: tree, in forest. D: ST. V: *Lejoly 97/345* (BRLU).
philippensis Blanco (*Quaco-branco*)
prantlii sensu auct. non Priemer ex Engl.
H: shrub or tree, in secondary forest. D: STP. V: *Oliveira 17/98* (BRLU).

TREMA Lour.
orientalis (L.) Blume (*Cabra, Cheque-cheque, Pau-cabra, Pau-parteira, Pó-cabra, Pó-parteira, Pó-pátela*)
H: shrub or tree. M: 61; 95. D: STP. V: *Madureira & Martins 239* (COI).

URTICACEAE

BOEHMERIA Jacq.
macrophylla Hornem.
platyphylla Ham. ex D.Don
H: shrub. D: ST. V: *Figueiredo 176* (LISC).
***nivea** (L.) Gaudich. (*Rami*)
H: perennial herb. D: ST. V: *Matos 7667* (LISC).

ELATOSTEMA J.R.Forst. & G.Forst.
paivaeanum Wedd.
H: annual or perennial herb. D: P. V: *Joffroy 224* (BRLU).
[E]**thomense** Henriq.
H: herb, in forest, near watercourses. D: ST. V: *Figueiredo 217* (LISC).
welwitschii Engl.
H: herb, in forest. D: ST. V: *Figueiredo 216* (LISC).

LAPORTEA Gaudich.
aestuans (L.) Chew (*Fiá-flaquesa, Fiá-lévè*)
H: annual herb. M: 82. D: STP. V: *Paiva 858* (COI).
ovalifolia (Schumach. & Thonn.) Chew
H: rhizomatous or stoloniferous herb. D: ST. V: *Figueiredo 233* (LISC).

***PHENAX** Wedd.
***sonneratii** (Poir.) Wedd.
H: herb, ruderal. D: ST. V: *Figueiredo 36* (K).

PILEA Lindl.
[E]**manniana** Wedd.
H: herb, in forest. D: STP. V: *Joffroy 208* (BRLU); *Matos 7360* (LISC).
***microphylla** (L.) Liebm.
H: annual herb. D: ST. V: *Lejoly 97/283* (LISC).
rivularis Wedd.
H: annual herb, in forest. D: ST. V: *Matos 7525* (LISC).

POUZOLZIA Gaudich.
guineensis Benth.
H: annual or perennial herb. D: ST.

PROCRIS Comm. ex Juss.
crenata C.B.Rob.
H: perennial herb with succulent stems. D: STP. V: *Oliveira 176/98* (BRLU), *891* (BRLU).

URERA Gaudich.
mannii (Wedd.) Benth. & Hook.f. ex Rendle (*Lutchiga, Urtiga*)
H: liana, climbing shrub or tree, in forest. M: 27; 31; 99. D: STP. V: *Madureira & Martins 213* (COI).
trinervis (Hochst.) Friis & Immelman (*Lutchica, Urtiga*)
cameroonensis Wedd.
H: liana or climbing shrub, in forest. D: ST. V: *Joffroy 76* (BRLU).

VERBENACEAE

CLERODENDRUM L.
***chinense** (Osbeck) Mabb.
japonicum sensu auct. non (Thunb.) Sweet
H: shrub. D: ST. V: *Matos 7258* (LISC).
dusenii Gürke
H: shrub with white flowers. D: ST. V: *Oliveira 965* (BRLU).
silvanum Henriq.
H: scrambling shrub or liana, with white flowers. D: STP. V: *Matos 7445* (LISC).
***speciosissimum** C.Morren
H: shrub with red flowers. D: ST. V: *Lejoly 97/291* (BRLU).
thomsoniae Balf.
H: liana with white and red flowers. D: ST. V: *Paiva 352* (COI).
volubile P.Beauv.
H: climbing shrub. D: P.

***DURANTA** L.
***erecta** L.
repens L.
H: shrub. O. D: ST. V: *Oliveira 988* (BRLU).

***LANTANA** L.
***camara** L. (*Lantana, Micócó-campo*)
H: shrub, ruderal. O. M: 52; 99; 172; 183. D: ST. V: *Paiva 1146* (COI).

PREMNA L.
angolensis Gürke (*Pau-ama, Pó-ama*)
H: tree or climbing shrub, with white flowers. M: 79; 95; 107; 123. D: ST. V: *Oliveira 125* (BRLU).

***PRIVA** Adans.
***lappulacea** (L.) Pers.
H: perennial herb with violet flowers, ruderal. D: ST. V: *Matos 7632* (LISC).

***TECTONA** L.f.
***grandis** L.f. (*Teca*)
H: tree with large leaves. D: ST. V: *Paiva 829* (COI).

VIOLACEAE

RINOREA Aubl.
angustifolia (Thouars) Baill. (*Soá-soá*)
H: shrub. D: ST.
[E]chevalieri Exell
H: shrub, in lowland forest. D: ST. V: *Figueiredo 88* (K).
[E]insularis Engl.
H: shrub with yellow flowers, in forest. D: P. V: *Paiva 618* (COI).
[E]thomensis Exell (*Tesse*)
H: shrub or tree, in forest. D: ST.

VISCACEAE

VISCUM L.
triflorum DC.
H: parasitic shrub, in forest. D: ST. V: *Oliveira 628* (BRLU).

VITACEAE

CAYRATIA Juss.
debilis (Baker) Suess. (*Mússua-de-obô*)
Cissus debilis (Baker) Planch.
H: climber. D: ST.
gracilis (Guill. & Perr.) Suess.
H: climber. D: ST. V: *Paiva 1156* (COI).

CISSUS L.
aralioides (Baker) Planch.
H: climber. D: ST.
barbeyana De Wild. & T.Durand
H: climber. D: STP.
oliveri (Engl.) Gilg
H: climber. D: ST.
producta Afzel.
H: climber. D: ST. V: *Figueiredo 214* (LISC).
sp. aff. **petiolata** Hook.f.
N: recorded by Exell (1944) based on *Quintas 1377*, which could be a new species.

CYPHOSTEMMA (Planch.) Alston
[E]curvipodum (Baker) Desc.
Cissus curvipoda (Baker) Planch.
H: climber. D: ST. V: *Paiva 1174* (COI).

***VITIS** L.
***vinifera** L. (*Videira*)
H: climber. E: fruits. D: ST.

ZINGIBERACEAE

AFRAMOMUM K.Schum.
daniellii (Hook.f.) K.Schum. (*Orsame, Órsamo, Ossame, Ossame-d'ôbô, Óssami, Óssamo*)
H: herb up to 3 m high, with red and yellow flowers. E: fruit (spice). M: 79; 97. D: STP. V: *Figueiredo 68* (K); *Paiva 536, 1912* (COI).
melegueta (Roscoe) K.Schum.
H: rhizomatous herb up to 1.5 m high, with pink flowers. M: 57; 146. D: STP.

?***ALPINIA** Roxb.
?***zerumbet** (Pers.) B.L.Burtt & R.M.Sm.
Zerumbet speciosum J.C.Wendl.
N: recorded by Silva (1958); no specimens known.

COSTUS L.
afer Ker Gawl. (*Fia-ipqueté, Úcuêtê, Úcueté-d'áua*, *Úcueté-d'obô*)
H: perennial herb up to 3 m high, flowers white and yellow with red. M: 51; 124. D: STP. V: *Paiva 982* (COI).
giganteus Welw. ex Ridl. (*Bordão-de-macaco, Cana-doce-dos--macacos, Pau-macaco, Ucoete, Úcueté*)
H: perennial herb up to 3 m high, flowers yellow with red. M: 95; 124; 176. D: STP. V: *Figueiredo 104* (K).
spectabilis (Fenzl) K.Schum.
H: herb with a rosette of ± 4 suborbicular fleshy leaves, flowers orange or yellow. D: ST.

***CURCUMA** L.
***longa** L. (*Açafrão-da-India*)
domestica Valeton
H: perennial rhizomatous herb up to 1.5 m high. E: rhizome (spice). D: P.

?***ELETTARIA** Maton
?***cardamomum** Maton
repens sensu auct. Exell non (Sonn.) Baill.
N: recorded by Exell (1944, 1973) based on literature citations; no specimens known.

***HEDYCHIUM** J.Koenig
***coronarium** J.Koenig
H: perennial herb up to 2 m high, with white flowers with a yellow-green centre. D: P.

***NICOLAIA** Horan.
***elatior** (Jack) Horan. (*Rosa-de-porcelana*)
H: perennial herb, with red flowers. O. D: ST. V: *Paiva 268* (COI).

RENEALMIA L.f.
cincinnata (K.Schum.) Baker
H: herb up to 1.5 m high, with white flowers. D: P.
[E]sancti-thomae I.M.Turner
grandiflora Baker
H: perennial herb with orange-red flowers. D: ST. V: *Figueiredo 98* (K).

***ZINGIBER** Mill.
***officinale** Roscoe (*Gemgimple, Gengibre, Gigimple*)
H: herb up to 1 m high. E: root (spice). D: STP.

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APPENDIX—Medicinal properties or symptoms for which plants are used

1. Abdominal aches
2. Abdominal colic
3. Abdominal pain
4. Abortive
5. Abscess
6. Against evil spells
7. Against superstition
8. Against witchcraft
9. Air desinfectant
10. Albumin
11. Alcoholism
12. Allergies
13. Anaemia
14. Analgesic
15. Anthrax
16. Anti-abortion
17. Anti-aphrodisiac
18. Anti-diuretic
19. Anti-emetic
20. Anti-helminthic
21. Antiseptic
22. Aphrodisiac
23. Aphta
24. Appetite inducer
25. Arterial hypertension
26. Asthenia
27. Asthma
28. Backache
29. Bellyache
30. Bladder inflammation
31. Blenorrhagia
32. Blood pressure
33. Body aches
34. Body relaxing (children)
35. Boils
36. Breathing problems
37. Bronchitis
38. Bumps
39. Burns
40. Calming
41. Carbuncles
42. Cardiac diseases
43. Carminative
44. Cervical spinal column aches
45. Chickenpox
46. Children, fevers
47. Children, tonic
48. Children, tooth problems
49. Chronic bronchitis
50. Chronic wounds
51. Cicatrizant
52. Cold
53. Colic
54. Constipation
55. Contraceptive
56. Contusion
57. Cough
58. Dental cavities
59. Dermatology
60. Diabetes
61. Diarrhoea
62. Digestion
63. Disinfectant
64. Diuretic
65. Dizziness
66. Drunkenness
67. Dysentery
68. Dysmenorrhoea
69. Earache
70. Eczema
71. Elephantiasis
72. Emollient
73. Enteritis
74. Eye decongestant
75. Eye inflammation
76. Failing eyesight

77. Febrifuge
78. Female sterility
79. Fever
80. Flatulence
81. Flu
82. Fortifier
83. Fractures
84. Frigidity
85. Galactogen
86. Ganglia inflammation
87. Haematoma
88. Haemorrhage
89. Haemorrhoids
90. Haemostatic
91. Hair conditioner
92. Hair growth stimulant
93. Hair treatment
94. Headache
95. Helps births
96. Helps children start walking
97. Helps expel placenta
98. Hepatitis
99. Hernia
100. Hiccups
101. Hoarseness
102. Hypertensive
103. Hypotensive
104. Indigestion, indisposition
105. Inflammations
106. Inguinal hernia
107. Insect repellent
108. Insecticide
109. Internal contusion
110. Intestinal problems of nursing babies
111. Intestine infections
112. Intestine colic
113. Itching
114. Jaundice
115. Kidney aches
116. Kidney colic
117. Kidney stones
118. Laryngitis
119. Laxative
120. Laxative (post-birth)
121. Leprosy
122. Liver diseases
123. Malaria
124. Massage
125. Massage (fractured, disjointed bones)
126. Massage (fractures, sprains)
127. Massage (body aches)
128. Measles
129. Menstrual cramps
130. Mouth disinfectant
131. Mouth hygiene
132. Mouth inflammations
133. Nail infections
134. Pain
135. Parasites
136. Parasites (intestine)
137. Parasites (lice)
138. Perfume
139. Poison
140. Post-birth haemorrhage
141. Post-birth treatments
142. Prolapsed colon
143. Protection
144. Protection against drunkenness
145. Protection against poisons
146. Purgative
147. Purgative (for adults only)
148. Refreshing
149. Regulates menstruation
150. Rheumatism
151. River fevers
152. Rubefacient
153. Scabies
154. Sedative
155. Sight
156. Sinusitis
157. Skin allergies
158. Skin diseases
159. Skin rashes
160. Sleep inducer
161. Slimming
162. Spots
163. Sprains
164. Stimulant
165. Stomach ache
166. Stomachic
167. Swelling (oedema)
168. Syphilis
169. Teething
170. Testicular hernia
171. Throat ache
172. Tiredness
173. Tonic
174. Tonsils
175. Toothache
176. Traumatisms
177. Tuberculosis
178. Tympanitis
179. Urinary infection
180. Urinary retention
181. Uterus infection
182. Vaginal muscle contraction after birth
183. Venereal diseases
184. Vermifuge
185. Vitamins
186. Vomit inducer (emetic)
187. Vomiting
188. Warts
189. Weakness
190. Whooping cough
191. Wounds

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