

## AN ANNOTATED CHECKLIST OF THE VASCULAR FLORA OF GUINEA-BISSAU (WEST AFRICA)

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### SUMMARY

A Checklist of Guinea-Bissau’s vascular flora is presented, based on the inventory of herbarium material and on recent collections. In addition to the name, we cite for each taxon the basionym and synonyms, the life form and habitat, as well as the chorology, Raunkiaer’s biological type, phenology and vernacular names if known.

1507 specific and infra-specific taxa were recorded, of which 1459 are autochthonous, belonging to 696 genera. This shows a higher diversity than the 1000 species estimated so far. In the autochthonous flora there are 22 species of Pteridophyta from 14 families; 1041 taxa of Dicotyledones from 107 families, and 396 taxa of Monocotyledones belonging to 33 families. Three taxa are probably endemic to the country.

**Key words:** flora, phytogeography, ecology, chorology, vernacular names, Guinea-Bissau.

### RÉSUMÉ

Ayant pour base l’inventaire des matériaux d’herbier et les récoltes récentes, une Checklist est présenté sur la flore vasculaire de la Guinée-Bissau. Au-delà du nom, basionyme et synonymes pour la région, il est rapporté, pour chaque taxon recensé dans le pays, l’habitus, les habitats, la chorologie, le type biologique de Raunkiaer, la phénologie et les noms vernaculaires si connus.

1507 taxons spécifiques et infraspécifiques de plantes vasculaires, desquelles 1459 autochtones, appartenant à 696 genres ont été recensées, nombre largement supérieur par rapport au millier d'espèces estimées jusqu'à présent. Dans la flore autochtone on compte 22 espèces de Pteridophytes, appartenant à 14 familles, 1041 taxons de Dicotylédones, de 107 familles et 396 taxons de Monocotylédones, appartenant à 33 familles. Trois taxons sont probablement endémiques au pays.

**Mots clés:** flore, phytogéographie, écologie, chorologie, noms vernaculaires, Guinée-Bissau.

#### RESUMO

Com base na inventariação dos materiais de herbário e nas colheitas recentes, é apresentada uma Checklist da flora vascular da Guiné-Bissau. Além do nome, basiónimo e sinónimos para a área, são referidos para cada taxon recenseado no país o hábito, habitats onde foi encontrado, corologia, tipo biológico de Raunkiaer, fenologia e nomes vernáculos conhecidos.

Recensearam-se 1507 taxa específicos e infraespecíficos de plantas vasculares, dos quais 1459 autóctones, pertencentes a 696 géneros, número largamente superior ao milhar de espécies até agora estimado. Contabilizaram-se na flora autóctone 22 espécies de Pteridófitos, pertencentes a 14 famílias, 1041 taxa de Dicotiledóneas, de 107 famílias e 396 grupos taxonómicos de Monocotiledóneas, pertencentes a 33 famílias. São referidos três taxa provavelmente endémicos no país.

**Palavras chave:** flora, fitogeografia, ecologia, corologia, nomes vernáculos, Guiné-Bissau.

#### INTRODUCTION

##### THE COUNTRY'S MAIN FEATURES

Guinea-Bissau is located in the Northern Intertropical Zone of West Africa, between 10° 59' – 12° 20' north and 13° 40' – 16° 43' west, having a surface area of 36,125 km<sup>2</sup>. It is bordered by the Republic of Senegal to the north, the Republic of Guinea to the east and south and by the Atlantic Ocean to the west (see Fig. 1).

The country includes a continental mainland and a group of 40 islands, the Bijagós Archipelago, not far from the continent. There are also some other islands separated from the continent only by narrow sea straits, such as Bolama, Pecixe and Melo.

#### *Geomorphology*

The geomorphology of the Guinean territory shows a smooth relief, with most of the land below 50 m altitude. The coastal zones are mainly lowlands. With the high tide range occurring here, reaching up to 6 m, extensive areas in the coastal zones remain exposed to the daily tidal effect. Most of the inner centre and north-eastern parts of the country are occupied by scarcely raised plains, where the altitude does not surpass 100 m.

The inner south-eastern region is the hilliest region of the country but the Boé Hills, the most raised part of their territory, only reach 298 m altitude (Mota 1954). The islands of the Bijagós Archipelago show a morphology similar to the mainland, with a sinuous shoreline and low altitudes.

The hydrographic network is complex and extensive. In addition to the climate, it is conditioned by the levelling of the territory and by the marine transgression (Ribeiro 1950; Teixeira 1962). Low altitudes in a large portion of the territory allow flooding of extensive areas in the river banks and coastal plains, which can remain flooded during the rainy season and even several weeks after its end. The same occurs often in lowland inner plains with slow superficial drainage and impermeable soils.

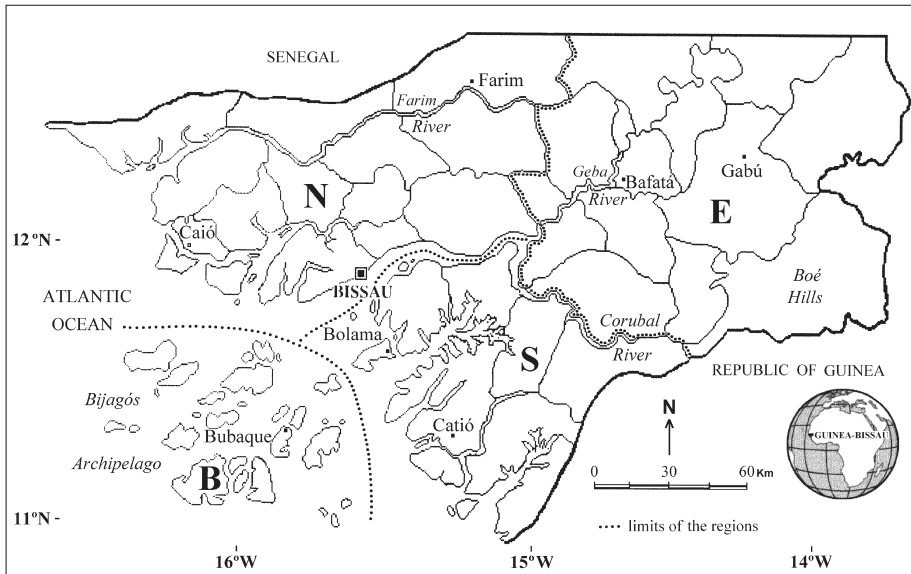


Fig. 1. Map of Guinea-Bissau showing the limits of the four regions considered. (B – Bijagós Archipelago; E – East; N – North; S – South)

Because water flow has a strong dependence on rainfall, the fresh watercourses show a seasonal flow regime, classified as tropical pluvial (Costa 1946). As a consequence most of the streams and some rivers dry up by the end of the dry season. There are a few permanent fresh watercourses in the country with the Corubal, Farim and Geba being the most important rivers. Most of the locally called rivers are in fact estuaries and inlets, which penetrate deeply in the continental territory due to the plain relief.

In addition to the rivers, there are some small lakes in the country, namely in the southern and eastern regions. Temporary pools with variable sizes, locally called *vendus*, are common in the south-east (Alves 2000).

### Climate

Without geomorphologic features sufficiently marked to influence it, the climate in Guinea-Bissau depends mainly on its geographic position between the tropics. The climate, and particularly the rain regime, is conditioned by the seasonal migration of the Intertropical Convergence Zone (ITCZ).

In the dry season, from November to May, the ITCZ is positioned to the south of the territory, which is under the influence of continental, dry air masses coming from the north-east or north (McGregor & Nieuwolt 1998). When the ITCZ, in its yearly movement from south to north reaches the territory, the rainy season begins. The rains start usually in late May or early June, advance from south-west to north-east and last during the length of time in which the ITCZ is over or has moved to the north of the country. The rainy season usually ends in late October, when the ITCZ returns south. Annual rainfall is the climatic factor that shows the largest differences in the country,

decreasing from 2400–2600 mm in the south-west to 1200–1400 mm in the north-east (Machado 1972).

The differences in temperature between regions are small: the annual means vary from 25.9 to 27.1 °C and the mean annual temperature in the country is around 26.5 °C. There are two annual maxima and minima in the air temperature: by the end of the dry season, in April or May, there is a primary maximum and in October or November a secondary one. The mean minimum temperatures have a primary minimum in the December or January and a secondary one in August, in the rainy season. The annual thermal ranges are also low: the differences between the annual minimum and maximum averages vary from 7.0 to 14.7 °C which is greater in the eastern inner region (Costa & Resende 1994).

The relative humidity shows large seasonal variations related to the rain regime and the prevailing winds. Their annual means vary from 69 to 79%.

Hayward & Oguntoyinbo (1987), in a classification of the climatic regions in West Africa locate the country in zone 7 West, characterized by rains from June to November, with a peak in August, annual rainfall from 1500 to 2000 mm and the higher annual temperatures occurring in April–May. According to Fosberg et al. (1961) only the coastal part of the country is included in the humid tropics.

### *Soils*

As most tropical soils, the greater part of Guinea-Bissau soils are poor both in organic matter and ion exchange bases. The most representative soil groups in the country are Ferralsols, Plinthosols, Gleysols, Fluvisols and Arenosols. There are other substrates that cannot be considered as soils, such as lateritic cuirasses and mud deposits (Teixeira 1962; FAO-ISRIC-ISSS 1998).

Ferralsols – deep soils with a sandy or sandy-clayish texture, are very common all over the country. The soils of this group are quite poor in nutrients and organic matter and, according to the topographic position can have red, orange, yellow or grey colours. The natural vegetation in these soils is mainly woodland and savannah woodland, as well as forest in the south-west of the country. Most of the country's agriculture is done on this kind of soils.

Plinthosols – mineral soils that show, at small deepness, layers of lateritic materials more or less consolidated. These soils occur in a greater extent in the inner part of the country, and particularly in the south-east and are occupied mostly by woodland and savannah woodland. Even though these soils are poor and shallow, some areas are used for rainfed agriculture.

Arenosols – sandy soils, mainly quartzose, scarce in organic matter, deep and well drained. Derived from consolidated dunes, these occur in belts in the north and south coastal regions of the mainland as well as in some islands in the Bijagós archipelago and are mainly covered by savannah woodland.

Gleysols – fine textured soils, deep, grey-coloured, from alluvial origin, with the upper layers often rich in organic matter. Occurring mainly in the inner lowlands and near the upper and middle courses of rivers in the continental territory and in some islands, Gleysols are almost absent in the inner east region. As most of the Gleysols are flooded in the rainy season, the natural vegetation is mainly composed of wet grass savannah, locally called *lala*. They are often used to crop wetland rice.

Fluvisols – fine textured soils from fluvial origin, occur along the coastline and in the lower courses of rivers. They are often reached by salt water and therefore rich in sodium. The natural vegetation on the Fluvisols is mainly mangrove and grass savannah, and this kind of soils is often cropped with wetland rice, after an ingenious desalinization process.

Other substrates – the lateritic cuirasses are layers of secondary rock at the surface, not covered by fine earth particles, that fill only the gaps and holes. In most cases only sparse herbaceous vegetation develops on it. The coastal muds and sands are flooded on each high tide and most of them support mangrove.

## VEGETATION

In the currently accepted phytogeographic framework of Africa (White 1981, 1983), Guinea-Bissau is included in the Guinea-Congolia/Sudania regional transition zone, or zone XI. As a consequence of human intervention, mainly fire and shifting agriculture, the more common vegetation types in this zone are secondary formations, such as woodland and savannah woodland. On the other hand, some residual patches of closed forest types may have significant affinities to the peripheral and driest types of Guinean forest. Nevertheless, according to White (1983), even before the increase of human activity that has led to vegetation degradation in most of the area, the open formations could have been already dominant, especially where the soils are shallow.

Thus, the phytogeographic zone XI can be characterized by the occurrence of transition woodland types, which are an ecotone between the Guineo-Congolian forest to the south and the woodland and savannah woodland to the north and north-east of the zone.

The two main factors responsible for the distribution of terrestrial vegetation types in the country are soil features, for instance their deepness, and the climate, especially rainfall which shows a large variation from the south to the north and from the littoral to the inner territory.

Besides the woodland, the dominant formation, its location in a climatic and phytogeographic transition zone permits the occurrence in Guinea-Bissau of the probably northernmost patches of dry Guinean forest in the south-west and savannah with Sudanian affinities in the south-east (Malaisse 1996; Catarino et al. 2001b).

The dry Guinean forest is nowadays confined to some patches in the south-west of the country, with the better edapho-climatic features and little human pressure over a long period. Some common tree species in it are *Anisophyllea laurina*, *Dialium guineense*, *Hunteria umbellata*, *Malacantha alnifolia*, *Parinari excelsa* and *Strombosia pustulata*. Lianas such as *Agelaea pentagyna*, *Calycobolus heudelotii* and *Landolphia dulcis* are also common (Fig. 2).

Woodlands occupy large areas of the western part of the mainland and in the Bijagós Archipelago (see Fig. 1), with some variation in structure and composition (Catarino 2004). Near the coastline, in the mainland and in the islands, *Ceiba pentandra*, *Elaeis guineensis* and *Spondias mombin* can be found in the tree stratum, *Dichrostachys cinerea* subsp. *platycarpa*, *Newbouldia laevis* and *Psychotria peduncularis* in the shrubby stratum, and climbers such as *Landolphia heudelotii*, *Mezoneuron benthamianum* and *Paullinia pinnata*.

The woodlands, present mainly in the western part of the mainland where annual rainfall exceeds 1500 mm, show some affinities with the forests of the south-west,



Fig. 2. Dry forest in the Cantanhez region, southern country.



Fig. 3. Woodland in the Cufada Park, southern country.



Fig. 4. Palm grove of *Elaeis guineensis*, partially cleared.



Fig. 5. Savannah woodland in the Cufada Park.

from which they are probably derived. Some common trees are *Albizia zygia*, *Detarium senegalense*, *Dialium guineense* and *Malacantha alnifolia*. Common shrub species are *Clerodendrum sinuatum*, *Combretum micranthum* and *Psychotria peduncularis* and among the most frequent climbers are *Mezoneuron benthamianum*, *Saba senegalensis* and *Tetracera potatoria*.

Another woodland sub-type is found mainly in the south and south-east of the country, with *Detarium senegalense*, *Dialium guineense*, *Pterocarpus erinaceus* and *Spondias mombin* as common trees. *Combretum micranthum*, *Psychotria peduncularis* and *Uvaria chamae* can be found in the shrubby layer, and *Dioscorea preussii*, *Saba senegalensis* and *Smilax anceps* are present among the climbers (Fig. 3). Patches of palm groves of *Elaeis guineensis* are found in the borders of inner lowlands all over the country except in the driest areas of the eastern mainland (Fig. 4).

Several types of savannah woodland can be found in the country, most of which arise from, and are maintained by, human intervention (Catarino 2004). In deep soils in the south-west and to a lesser extent in the south-east, savannah woodlands with *Albizia zygia*, *Daniellia oliveri*, *Parkia biglobosa*, *Piliostigma thonningii*, *Prosopis africana*, *Pterocarpus erinaceus* as common trees are present. *Annona senegalensis*, *Guiera senegalensis*, *Icacina oliviformis*, *Landolphia heudelotii*, *Smilax anceps* and *Uvaria chamae* can be found among the most common shrubs and climbers.

In shallow soils of the same regions the species composition includes *Combretum nigricans* var. *elliottii*, *Daniellia oliveri*, *Lophira lanceolata*, *Parkia biglobosa*, *Prosopis africana* and *Pterocarpus erinaceus* as frequent trees. In the shrubby stratum *Albizia zygia*, *Annona senegalensis*, *Icacina oliviformis* and *Vitex madiensis* can occur and among the climbers almost the same species of the precedent type can be found (Fig. 5).

In the inner eastern part of Guinea-Bissau, savannah woodland is the dominant formation. The driest parts of the central and north-eastern regions have mainly savannah woodland with *Combretum collinum* subsp. *binderianum*, *Hexalobus monopetalus*, *Piliostigma thonningii* and *Terminalia macroptera* as the most common tree species. *Annona senegalensis*, *Holarrhena floribunda* and *Vitex madiensis* are common in the shrub stratum and *Baissea multiflora* is the commonest liana. In the south-east of the country, which has greater annual rainfall but shallower soils, savannah woodlands include *Crossopteryx febrifuga*, *Parkia biglobosa* and *Terminalia albidia* as the most common trees and *Combretum glutinosum* as the most frequent shrub.

In some Arenosols in belts along the coastline of the mainland and in some islands there are savannah woodlands with *Daniellia oliveri*, *Elaeis guineensis*, *Lophira lanceolata* and *Neocaria macrophylla* as characteristic tree species. In the south of the country, some small patches of a savannah woodland with dominancy of *Borassus aethiopicum* and *Elaeis guineensis* were also found.

There is a particular kind of vegetation in the transition between the terrestrial and the halophytic communities in the coastal regions. Three types of coastal transition vegetation were referred to by Catarino (2004), related to the substratum. *Dialium guineense*, *Elaeis guineensis*, *Phoenix reclinata*, *Sterculia tragacantha* and *Ximenia americana* are frequent species in the tree stratum in the coastal transition vegetation that occurs mainly in Ferralsols. In Arenosols, *Dialium guineense*, *Lannea acida* and *Neocarya macrophylla* are typical species, whereas *Dichrostachys cinerea* subsp. *platycarpa* var. *platycarpa*, *Phoenix reclinata* and *Vernonia colorata* are frequent in Fluvisols. In



the lateritic cuirasses present mainly in the Boé region, in the south-eastern part of the country, there are patches of herbaceous or shrubby steppe-like vegetation (Fig. 6). Some common species there are *Andropogon pseudapricus*, *Melliniela micrantha* and *Polycarpha tenuifolia*.

There are several communities of aquatic and wetland vegetation in rivers, streams, small lakes and temporary pools, mostly in the mainland. *Anthostema senegalense*, *Elaeis guineensis*, *Pterocarpus santalinoides* and *Sarcocephalus latifolius* are the most common species in the riparian forests and in the woody vegetation of river banks and edges of small lakes (Fig. 7). Along river edges there are herbaceous communities with *Acroceras zizanioides*, *Eleocharis acutangula*, *Fuirena ciliaris*, *F. umbellata* and *Rhynchospora corymbosa* as prominent species. In river beds with permanent running water there are communities in which some common species are *Eichhornia natans*, *Nymphoides indica*, *Ottelia ulvifolia*, *Rotala tenella*, *Sphenoclea zeylanica* and *Utricularia gibba*. The herbaceous communities above are found mainly in the Boé region, in the south-east of the country. In this region temporary pools and streams are often found, in which *Bryaspis lupulina*, *Eriocaulon nigericum* and *Oryza brachyantha* are frequent species (Fig. 8). In some small lakes and rivers with standing water there are communities dominated by floating plants, with *Pistia stratiotes* as the most frequent but also with *Azolla pinnata* subsp. *africana*, *Chrysopogon nigritanus* and *Lemna aequinoctialis*. The vegetation on the beds of small lakes is composed of *Nymphaea micrantha* and *N. lotus* as dominant species, and the shallower belts are dominated by *Oryza longistaminata* and *Leersia hexandra* (Catarino et al. 2002) (Fig. 9). The most extensive wetland vegetation in the country is the locally called *lala*, a wet grass savannah with a dominance of *Anadelphia afzeliana*. It grows in the inner lowland plains flooded by rainwater during the wet season, located mostly in the lower zones of the mainland (Fig. 10).

Most of the areas subject to the tide effect on the coastal belts are occupied by mangroves (Fig. 11). In the deeper zones the mangrove is dominated by *Rhizophora* spp. (mainly *R. mangle* but also *R. racemosa* and to a lesser extent *R. harrisonii*). In the zones less frequently flooded by salt water *Avicennia germinans* is the prominent species. Other halophytic communities are the so-called salt water *lala*, a grassland found on Fluvisols in coastal plains with *Paspalum vaginatum* as common species and the communities of *Blutaparum vermiculare* and *Sesuvium portulacastrum* which are found in small patches along the shoreline (Catarino 2004).

#### BOTANIC COLLECTIONS IN GUINEA-BISSAU

The first botanic collectors in Guinea-Bissau were French, most of them working in Senegambia. The naturalist Michel Adanson collected some specimens in the mid 18th century. These specimens are nowadays kept at the herbarium of the Paris Museum (P) (De Ficalho 1884; Hepper & Neate 1971). In the first half of the 19th century, George Perrottet and F. Leprieur collected some specimens in the territory and these are kept at the herbaria of the Berlin Botanic Garden (B) and Natural History Museum of London (BM) (Keay 1962). From the same century, the specimens collected by the naturalist Heudelot in the Bijagós Archipelago are housed at the National Botanic Garden of Belgium (BR), in the Genova Botanic Garden (GE) and in P, and the ones



Fig. 6. Herbaceous steppe-like vegetation on lateritic cuirasses in the Boe region, south-eastern country.



Fig. 7. Riparian vegetation along the River Sambali, north-eastern country.



Fig. 8. Temporary stream in the Boe region.



Fig. 9. Aquatic vegetation in the Bionra lagoon, Cufada Park.

collected by Desiré Jardin are at the Kew herbarium (K), in the Laboratory of Algology of Caen (CN) and at the Natural History Museums of Bayonne (BAY) and Stockholm (S) (Hepper & Neate 1971).

The first Portuguese collector in Guinea-Bissau was Henrique de Carvalho, in the second half of the 19th century, whose specimens are in the herbarium of the University of Coimbra (COI). The collections of Manuel Rodrigues de Carvalho from the Bolama region compiled between 1881 and 1883 (Exell et al. 1952), by Jacinto de Souza in 1883 and 1884 (Liberato 1994) and by João António Cardoso in 1889 are conserved in the same herbarium.

Julius Dinklage, German consul in Liberia between 1894 and 1922 and an amateur botanist also collected some specimens in the territory, which are nowadays distributed in several herbaria, namely the Botanic Garden of Edinburgh (E), B, BM, BR, K and P.

Nevertheless, it was not until the 20th century that the flora of Guinea-Bissau was extensively collected. By the end of the 1920s, Gomes e Sousa collected several dozens of specimens, nowadays kept at COI and in the following decade Manuel Baptista collected about two hundred vouchers kept at LISC and COI (Liberato 1994).

The largest collection of Guinea-Bissau vascular plants was compiled by Joaquim Espírito Santo. Between 1932 and 1972, this agronomist collected about 5000 specimens all over the country, which are now distributed among several herbaria, such as BM, COI, K and LISC. Most of the labels of the Espírito Santo specimens have also data on the ecology of species, vernacular names and traditional uses of plants.

During the 1940s, José Soares collected about 400 specimens, kept at LISC, and in the following decade José d'Orey and colleagues collected about 3000 specimens, distributed to several herbaria: Museum, Laboratory and Botanic Garden of the University of Lisbon (LISU), COI, LISC and K (Carvalho & Nunes 1956; Hepper & Neate 1971). In the 1960s Raimundo, Pereira & Guerra and Pereira & Correia collected a total of about 4000 specimens, kept at LISC (Liberato 1994), and Alves Pereira collected more than 3000 specimens housed at the same herbarium. Some other collectors, such as José Santareno (Silva 1959), collected also specimens now held at LISC.

After the independence of Guinea-Bissau, in 1974, the botanic exploration of the country continued by means of cooperative projects. Since 1988 to the present, the scientists of LISC have made several field missions all over the country that have resulted in more than 5000 specimens included in the collections of L. Catarino, M.A. Diniz, E.S. Martins and M.P. Vidigal. In the Cantanhez forests, south-west of the country, François Malaisse and collaborators (Malaisse 1996) and Amélia Frazão-Moreira collected several hundred specimens housed at BR and LISC, respectively. Some other collectors have worked in the country, such as Børge Peterson, and the Guinean technicians Quintino Bancessi, Umaru Candé and Fodé Sané, as well as Pinto-Basto, whose specimens are at LISC and in Guinea-Bissau.

Several thousands duplicates of the later collections were left in the country in order to begin a national herbarium in Guinea-Bissau and, when the proper conditions are achieved, many duplicates of the former collections that are kept at LISC, can also be made available.

Keeping the largest collections of the country, LISC can be considered the major reference herbarium to the flora of Guinea-Bissau, with more than 20,000 vascular plant specimens.

## MATERIAL AND METHODS

The data on the vascular plant species in Guinea-Bissau's flora have been obtained mostly from the historical collections compiled in the country and preserved at the LISC herbarium as well as from about 5000 specimens collected by the authors over the last two decades. Data on some species that are not represented at LISC are also included and are identified in the text as known only from bibliographic reference. Those data were obtained from Espírito Santo (1963), Breteler (1982), Malaisse (1996) and Paiva (1998).

For the identification of the specimens collected we used the most relevant bibliography to the area, namely Sousa (1946, 1948, 1949, 1950, 1951, 1952, 1956, 1957, 1960, 1963, 1968, 1969), Keay (1954–1958), Alston (1959), Hepper (1963, 1968–1972), D'Orey & Liberato (1970, 1971a, 1971b, 1972), Berhaut (1971, 1973, 1974, 1975a, 1975b, 1976, 1979), D'Orey (1972), Liberato (1972, 1973, 1980, 1982, 1983), Vanden Berghen (1988, 1991), Poilecot (1995), Paiva (1998) and Catarino et al. (2000), as well as the specimens previously studied at LISC. The arrangement of the genera in the families and their nomenclature was according to Brummitt (1992).

Data concerning species ecology, habitats, phenology and distribution in the country, as well as their vernacular names in the several dialects used in the country were obtained from the specimen labels. Additional information on those subjects was obtained in several published works, such as Keay (1954–1958), Espírito Santo (1963), Hepper (1963, 1968–1972), D'Orey & Liberato (1971a), Berhaut (1971, 1971, 1974, 1975a, 1975b, 1976, 1979), Liberato (1972, 1973, 1980, 1982, 1983), Vanden Berghen (1988, 1991), Lock (1989), Lebrun & Stork (1991, 1992, 1995, 1997), Catarino (2002) and Diniz & Martins (2002). To obtain data on the species chorology and to a lesser extent on the Raunkiaer biological types, in addition to the works cited above, we also used Lebrun (1947, 1969), Lubini (1997), Vanden Berghen (1997), Cable & Cheek (1998), Duarte et al. (2000) and Catarino et al. (2001a).

In the Checklist the families are sorted alphabetically inside the main groups: Pteridophyta, Dicotyledons (Magnoliopsida) and Monocotyledons (Liliopsida). After each family name some reference works to the area are cited, abridged as follows:

FFAWTA – The Ferns and Fern-Allies of West Tropical Africa (Alston 1959);

FWTA – Flora of West Tropical Africa (Keay 1954–1958; Hepper 1963, 1968–1972);

EPFAT – Énumération des Plantes à Fleurs d'Afrique Tropicale (Lebrun & Stork 1991, 1992, 1995, 1997);

FIS – Flore Illustrée du Sénégal (Berhaut 1974, 1975a, 1975b, 1976, 1979; Vanden Berghen 1988, 1991).

The genera and species are also arranged alphabetically within the families. The data for each species are presented in Table 1.

Before the name of some species, one character indicates their introduced condition or uncertain identification. After each species name, the basionym and the synonyms for West Africa are referred, when they are known. The life form and habitats where the species was found in the Guinea-Bissau territory and the vernacular names in the



Fig. 10. Wet grass savannah (*lala*) dominated by *Anadelphia afzeliana*.



Fig. 11. Mangrove in the Cufada Park, southern country. Note *Rizophora* spec. with the characteristic prop roots and *Avicennia germinans* with pneumatophores.

Table 1. Example of data per species.

Species data	Meaning
<i>Pennisetum glaucum</i> (L.) R.Br.	Species name (the letter I precedes the name of the introduced species)
Bas.: <i>Panicum glaucum</i> L.	Basionym
Syn.: <i>P. americanum</i> (L.) K.Schum.	Synonyms
Annual herb, cultivated in dry lands	Life form and habitats in which the species occur
Th – Pan(AfT) – N, S, E – fl&fr: ix-xi	Raunkiaer biological type – Chorological group – Distribution in the country, by regions (Fig. 1) – Phenology: months of flowering, fruiting or spore production
V.N.: midjo-preto (cr); madja (fu)	Vernacular names and languages
A cultivated afro-tropical species, with several cultivars introduced into other tropical regions	Notes

languages of the ethnical groups of the country, as well as in Creole, French and Portuguese are also cited. For some species there is also an explanatory note.

### *Introduced species (I)*

In addition to the native vascular plants, the introduced species known to be found nowadays in a sub-spontaneous or naturalised state in the country are also referred. Those plants are marked, before the species name, with an 'I'.

### *To confirm (cf.)*

In some cases it was not possible to identify with total certainty a taxon, mainly due to the lack of herbarium material for comparison. In such cases the 'cf.' abbreviation is placed before the genus name or before the specific epithet, indicating an identification under reserve, needing further confirmation.

### *Basionym (Bas.)*

First valid name ascribed to a taxonomic entity (a species in most cases), which was subsequently changed into the name accepted at present.

### *Synonyms (Syn.)*

Names ascribed to the same taxonomic entity but considered without priority or rejected in favour of the accepted name.

### *Species life forms and Habitats*

Life form of the species and kinds of habitats in which it was found in the Guinea-Bissau territory, collected from the herbarium labels. For some species this information may be incomplete.

### *Raunkiaer's biological types*

Raunkiaer's classification of the life forms of plants was made by this Nordic author to group the plants according to the position of the perennating buds in relation to the soil surface (Raunkiaer 1934). This classification suits the floras of cold and temperate climates particularly well. Nevertheless, with some adaptations, this system is also being

applied to the tropical climates, namely in Africa (e.g. Lubini 1997; Vanden Berghen 1997).

According to authors such as Lebrun (1966), climatic excesses hamper or prevent plant growth. Therefore the concept of unfavourable season can also be applied in most tropical climates. In this case the unfavourable season is not the winter but the dry season, in which the leaves of the deciduous plants shed, the aerial parts of the perennial herbaceous die and the annuals survive as seeds.

In the flora of Guinea-Bissau the following biological types are considered:

- i) phanerophytes – plants with aerial buds, divided in four sub-types, according to their height (note that some herbaceous plants, mainly climbers, are phanerophytes):
  - MPh**: megaphanerophytes – trees or climbers larger than 30 m;
  - mPh**: mesophanerophytes – trees or climbers between 8 and 30 m;
  - mph**: microphanerophytes – trees, shrubs or climbers between 2 and 8 m;
  - nph**: nanophanerophytes – shrubs smaller than 2 m;
- ii) **Ch**: chamephytes – herbaceous or sub-woody plants, with aerial perennating buds but close to the soil surface;
- iii) **Hem**: hemicryptophytes – plants in which all the aerial parts die during the unfavourable season and the perennating buds remain at the soil level (e.g. plants with leaves in a basal rosette);
- iv) cryptophytes – herbaceous plants with perennating buds in the substratum or under water. According to the kind of environment they are divided in:
  - Geo**: geophytes – with underground organs (bulbs, rhizomes and tubercles), from which they grow after the unfavourable season;
  - Hel**: helophytes – with perennating buds in flooded soil or in mud, but producing emergent structures;
  - Hyd**: hydrophytes – with perennating buds under water, surviving in the unfavourable season by means of rhizomes or buds remaining at the bottom;
- v) **Th**: therophytes – annual plants, surviving during the unfavourable season as seeds or spores. Nevertheless, some annual herbs are aquatics, (e.g. *Lemna* spp., *Utricularia* spp.), or hygrophilous (e.g. *Fuirena ciliaris*, *Xyris* spp.), ecologically similar to hydrophytes and helophytes, and this classification only as therophytes is inadequate. Some authors such as Braun-Blanquet (1979) proposed the name hydrotherophytes to the annual aquatic plants, but the ones from wet or swampy environments are sometimes omitted. Others, as Denny (1985) suggest for plants from aquatic and wet environments classifications based only on their position in the water. As the terminology in these groups is not uniform, in this work the aquatic annual plants will be referred to as aquatic therophytes (**ThA**) and the plants from wet or swampy environments as hygrophylous therophytes (**ThH**).

Three specialisations in the biological types are also considered: climbing, epiphyty and parasitism. So, within the biological types considered, those specialisations are pointed out by the addition of a supplementary character to the respective abbreviation: **C** – climber; **E** – epiphyte; **P** – parasite (e.g.: mPhC: climbing mesophanerophyte; mphE: epiphytic microphanerophyte; GeoP: parasitic geophyte). The inclusion of this character between brackets means that the attribute is facultative (e.g.: mPh(C): mesophanerophyte that may or may not be a climber).



*Species chorology*

The distribution of each species is important in vegetation and phytogeographic studies. In the flora of Guinea-Bissau species show different distributions: from pluricontinental and cosmopolitans to species restricted to the Guineo-Congolian or Sudanian regions. In the species chorology the following distributions are considered:

- i) species with pluricontinental distribution
  - AA**t: amphi-Atlantic – species occurring in the coastal regions on both sides of the Atlantic Ocean, in Africa and America;
  - AfAm**: afroamerican – species distributed in the tropical or subtropical regions of Africa and America; synonym of afro-neotropical;
  - Pal**: paleotropical – species occurring in the tropical or subtropical regions of the Old World (Africa, Asia, Europe and Oceania);
  - Pan**: pantropical – species occurring in the tropical or subtropical regions all over the world;
  - Cos**: cosmopolitan – species distributed all over the world;
- ii) African linking and wide range species
  - AfT**: afrotropical – species distributed in the tropical and/or subtropical regions of the African continent;
  - GC/SZ**: Guineo-Congolian and Sudano-Zambezián – species occurring in the Guineo-Congolian and Sudano-Zambezián phytogeographic regions;
  - GZ**: Guineo-Zambezián – linking element between the Guinean sub-region and the Zambezián phytogeographic region;
  - SG**: Sudano-Guinean – linking element between the Sudanian phytogeographic region and the Guinean sub-region;
  - SGC**: Sudano-Guineo-Congolian – linking element between the Sudanian and the Guineo-Congolian phytogeographic regions;
  - SS**: Sahelo-Sudanian – linking element between the Sahelian and Sudanian phytogeographic regions;
  - SZ**: Sudano-Zambezián – linking element between the Sudanian and Zambezián phytogeographic regions.
- iii) species with limited distributions
  - GC**: Guineo-Congolian – species from the Guineo-Congolian phytogeographic region;
  - G**: Guinean – species confined to the Guinean phytogeographic sub-region;
  - S**: Sudanian – species from the Sudanian regional centre of endemism.

For plants whose present distribution is different from their autochthonous range, the reference of the present distribution is followed by the original range between brackets (e.g.: AfAm(Am) – plant native to America, introduced in Africa; Pan(SZ) – plant native to the Sudano-Zambezián regions, nowadays introduced all over the tropics). The following abbreviations are used for the regions of origin: **Am** – America; **Ar** – Arabia; **As** – Asia; **In** – India; **EAF** – East Africa; **Mad** – Madagascar.

*Distribution in the territory of Guinea-Bissau*

In this work, Guinea-Bissau has been divided into four main regions, represented by their respective initials: North, South, East and the Bijagós archipelago, whose limits are shown in Fig. 1. These regions are based on the administrative division of the

country. The Gabú and Bafatá administrative regions are included in the East; the Oio, Cacheu and Biombo administrative regions in the North; the Quínara and Tombali in the South and the Bijagós archipelago in the region with the same name. The Bolama Island, being closer to the continental land than to the Bijagós archipelago, is included in the South region.

### *Phenology*

Data related to flowering and fruiting seasons, collected from the herbarium material at LISC. Information on the months in which the species was collected is presented in Roman numbers (flowering – **fl**; fruiting – **fr**; simultaneously with flowers and fruits – **fl&fr**). When there are enough data, a temporal sequence for each phenologic condition is established (e.g.: fl: i-vi – flowering from January to June), otherwise only the months in which the species was observed in each phenologic condition are indicated. For pteridophytes, the months when spore production structures were observed are referred to – **sp**.

### *Vernacular Names (V.N.)*

Names of the plants in the several ethnical languages of the country, as well as in Creole, French and Portuguese, obtained mainly from the herbarium sheets and from Espírito Santo (1963). The writing of the vernacular names for plants in ethnical languages has some difficulties due to the transcription of languages without an established spelling. So, different collectors can spell the same vernacular name in different ways. In such cases we tried to choose the more common spelling or, if this was not possible, two or more options are shown.

The vernacular names found for each species are sorted alphabetically by ethnical groups and inside those alphabetically by name. After each vernacular name or group of vernacular names, a two-letter abbreviation identifies the respective language, as follows:

ba	balanta	ff	futa-fula	nl	nalu
bb	bambará	fl	felupe	oi	oinca
bf	biafada	fr	fula foro	pj	padjadinca
bn	banhum	fs	Senegalese felupe	pl	pelâè
bj	bijagó	fu	fula	pp	papel
bm	balanta-mané	ja	jacanca	pt	portuguese
cb	cobiana	mc	mancanha (brame)	sr	saracolé
cr	creole	md	mandinga	ss	soosso
cs	creole – from Senegal Flora	mj	manjaco	su	suará
fc	french	mn	mansoanca (cunante)	td	tanda

## CHECKLIST OF THE VASCULAR FLORA OF GUINEA-BISSAU

### PTERIDOPHYTA

14 families; 17 genera; 22 species

FFAWTA 1–89; FIS 11: 541–594 (working document)

All the ferns found in Guinea-Bissau are small-sized plants living mainly in shaded, wet or aquatic habitat, as forest, riparian forest, palm groves, wet grass savannah, rivers and on river banks, small lakes and temporary pools. Some of them are epiphytes.

ADIANTACEAE – 1 genus; 1 species

**Adiantum philippense** L. (1753) 1094

Herbaceous perennial fern, in riparian forest and palm groves.

Hem – Pan – S, E – sp.: ix–xii

AZOLLACEAE – 1 genus; 1 species

**Azolla pinnata** subsp. **africana** (Desv.) R.M.K.Saunders & K.Fowler (1992) 351

Bas.: *A. africana* Desv. (1827) 178.

Syn.: *A. pinnata* var. *africana* (Desv.) Baker (1887) 138; *A. guineensis* Schumach. (1827) 462.

Small floating aquatic fern, in rivers and small lakes; also in flooded rice fields.

ThA – AfT – S, E – sp.: ii, x

ISOETACEAE – 1 genus; 1 species

**Isoetes melanotheca** Alston (1956) 16

Herbaceous perennial fern, in temporary pools.

Species referred by the first time to Guinea-Bissau.

Hyd – SG – E – sp.: xi

LOMARIOPSIDACEAE – 1 genus; 2 species

**Bolbitis acrostichoides** (Afzel. ex Sw.) Ching  
ex C.Chr. (1934) 47

Bas.: *Hemionitis acrostichoides* Afzel. ex Sw.  
(1801) 17.

Syn.: *Acrostichum afzelii* Carruth. (1901) 277;  
*Leptochilus longiflagellatus* Bonap. ex  
C.Chr.(1934) 49; *Campium longiflagellatum*  
(Bonap.) C.Chr. (1932) 32.

Herbaceous perennial fern, in forest.

Hem – AfT – S – sp.: v

**Bolbitis gemmifera** (Hieron.) C.Chr. (1934)  
48

Bas.: *Leptochilus gemmifer* Hieron. (1911)  
345.

Syn.: *B. guineensis* Tardieu (1948) 170.

Herbaceous perennial fern, in forest.

Hem – GC – S – sp.: v

LYCOPODIACEAE – 1 genus; 1 species

**Lycopodiella cernua** (L.) Pic.Serm. (1968) 166

Bas.: *Lycopodium cernuum* L. (1753) 1103.

Syn.: *Lepidotis cernua* (L.) P.Beauv. (1805) 101.

Herbaceous perennial fern, climber, in riparian forest, wet grass savannah and on river banks.

Hem – Pan – N, E

## MARSILEACEAE – 1 genus; 2 species

**Marsilea coromandeliana** Willd. (1810) 539  
Herbaceous perennial fern, with floating fronds,  
in wet grass savannah and on river banks.  
Hyd – Pal – N – sp.: xi

**Marsilea minuta** L. (1771) 308  
Herbaceous perennial fern, with floating fronds,  
in wet grass savannah and on river banks;  
also in flooded rice fields.  
Hyd – Pan – N, S, E – sp.: i–vii  
V.N.: reu-reua (ba); guersel-faro (ff); guersel  
(fu).

## OLEANDRACEAE – 1 genus; 1 species

**Nephrolepis undulata** (Afzel. ex Sw.) J.Sm. (1846) 35bis  
Bas.: *Aspidium undulatum* Afzel. ex Sw. (1801) 32.  
Herbaceous perennial fern, epiphyte often on *Elaeis guineensis*, in forest, woodland and palm  
groves.  
Hem – AfT – N, S, B – sp.: x, xi

## OPHIOGLOSSACEAE – 1 genus; 1 species

**Ophioglossum costatum** R.Br. (1810) 163  
Syn.: *O. fibrosum* Schumach. (1827) 226; *O. aphrodisiacum* Welw. ex Hook. & Baker (1868) 446;  
*O. pedunculatum* Desv. (1811) 306; *O. felixii* Tardieu (1948) 169.  
Herbaceous perennial fern, in wet grass savannah.  
Geo – Pal – E – sp.: vi, ix

## PARKERIACEAE – 1 genus; 1 species

**Ceratopteris thalictroides** (L.) Brongn. (1821) 186  
Bas.: *Acrostichum thalictroides* L. (1753) 1070.  
Syn.: *Ceratopteris cornuta* (P.Beauv.) Lepr. (1830) 103, t. 4; *Pteris cornuta* P.Beauv. (1806) 63, t.  
37.  
Herbaceous annual fern, on river banks; also in flooded rice fields.  
Hel – AfT – N, S, E

## POLYPODIACEAE – 2 genera; 2 species

**Microgramma lycopodioides** (L.) Copel.  
(1947) 185  
Bas.: *Polypodium lycopodioides* L. (1753)  
1082.  
Herbaceous perennial fern, in forest.  
Geo – AfAm – S

**Platyserium stemaria** (P.Beauv.) Desv. (1827)  
213  
Bas.: *Acrostichum stemaria* P.Beauv. (1805) 2,  
t. 2.  
Herbaceous perennial fern, epiphyte, in woodland,  
savannah woodland and mangrove borders.  
Hem – GC – N, E, B – sp.: iv, xii  
V.N.: pontotoitche (fs).

## PTERIDACEAE – 2 genera; 2 species

**Acrostichum aureum** L. (1753) 1069  
Fern with robust fronds, in mangrove and man-  
grove borders.  
Geo – Pan – N, S, B – sp.: v–x  
V.N.: n'rõtch (bj).

**Pteris atrovirens** Willd. (1810) 385  
Herbaceous perennial fern, in forest and palm  
groves.  
Hem – GC – S – sp.: iv

## SCHIZAEACEAE – 1 genus; 1 species

**Lygodium microphyllum** (Cav.) R.Br. (1810) 162Bas.: *Ugena microphylla* Cav. (1801) 76, pl. 595, f. 2.

Herbaceous perennial fern, in riparian forest and wet grass savannah.

Geo – Pal – N, B – sp.: v, vi

## SELAGINELLACEAE – 1 genus; 4 species

**Selaginella abyssinica** Spring (1850) 99

Small herbaceous annual fern, in forest.

Th – Aft – S

**Selaginella kalbreyeri** Baker (1884) 276

Small herbaceous annual fern, in forest.

Th – Aft – S

**Selaginella** cf. **subcordata** A.Braun ex Kühn (1868) 193

Small herbaceous annual fern, on river banks.

Th – SG – E

**Selaginella** cf. **versicolor** Spring (1843) 143

Small herbaceous annual fern, in forest.

Th – SGC – S

## THELYPTERIDACEAE – 2 genera; 2 species

**Christella dentata** (Forssk.) Brownsey & Jermy (1973) 338Bas.: *Polypodium dentatum* Forssk. (1775) 185.Syn.: *Thelypteris dentata* (Forssk.) E.P.St.John (1936) 44; *Cyclosorus dentatus* (Forssk.) Ching (1938) 206.

Herbaceous perennial fern, in woodland and on river banks; also in flooded rice fields.

Hem – Pan – N, E – sp.: iv–xii

**Thelypteris striata** (Schumach.) Schelpe (1965) 268Bas.: *Aspidium striatum* Schumach. (1827) 456.Syn.: *Cyclosorus striatus* (Schumach.) Ching (1941) 249; *Dryopteris striata* (Schumach.) C.Chr. (1905) 294.

Perennial fern, with robust fronds, in wet grass savannah, small lakes and temporary pools; also in flooded rice fields.

Hel – Aft – N, S, E – sp.: i–v

**MAGNOLIOPHYTA (ANGIOSPERMAE)****MAGNOLIOPSIDA (DICOTYLEDONES)**

112 families; 542 genera; 1081 specific and infra-specific taxa

## ACANTHACEAE – 16 genera; 33 species

FWTA 2nd ed. 2: 391–432; EPFAT 4: 464–508; FIS 1: 19–123.

A widely distributed family from tropical to warm temperate regions. All the Acanthaceae in the flora of Guinea-Bissau are small plants: perennial and annual herbs and subshrubs occurring in several kinds of dry and wet habitat, as forest, palm groves, woodland, savannah woodland, wet grass savannah, herbaceous steppe of the lateritic cuirasses, coastal sands, river banks and temporary pools. Some of them, like *Asystasia gangetica* and *Nelsonia canescens*, are also adventives in disturbed areas and sometimes weeds in rainfed crops and flooded rice fields. *Rhinacanthus virens* and *Rungia guineensis* are known only from bibliographic reference (Malaisse 1996).

- Asystasia gangetica** (L.) T. Anderson ex Thwaites (1860) 235  
 Bas.: *Justicia gangetica* L. (1759a) 299.  
 Syn.: *A. coromandeliana* Nees (1832) 89.  
 Annual herb in forest edges, woodland, savannah woodland, palm groves, mangrove borders and coastal sands; also in flooded rice fields, rainfed crops and other disturbed areas.  
 Th – Pal – N, S, E, B – fl: viii–iv; fl&fr: viii–xi; fr: v, viii–xii  
 V.N.: candô (bj); candindjaon (md).
- Barleria oenotheroides** Dum. Cours. (1811) 561  
 Syn.: *B. senegalensis* Nees (1847) 224.  
 Perennial herb, in forest edges and woodland.  
 Ch – SG – N, S – fl: i; fr: v
- Blepharis maderaspatensis** (L.) F. Heyne ex Roth (1821) 320  
 Bas.: *Acanthus maderaspatensis* L. (1753) 639.  
 Annual herb in forest, woodland, riparian forest and palm groves; also in rainfed crops and ruderal.  
 Th – Pal – N, S, E – fl: xi, xii; fl&fr: xi; fr: vi
- Dyschoriste heudelotiana** (Nees) Kuntze (1891b) 486  
 Bas.: *Calophanes heudelotianus* Nees (1847) 112.  
 Syn.: *Hygrophila chariensis* Lindau (1908) 48; *D. pedicellata* C. B. Clarke (1899) 75.  
 Perennial herb in savannah woodland.  
 Ch – SG – E – fl&fr: x
- Dyschoriste perrottetii** (Nees) Kuntze (1891b) 486  
 Bas.: *Calophanes perrottetii* Nees (1847) 112.  
 Perennial herb, on river banks.  
 Ch – AfT – N, E – fl&fr: iii, xii
- Elytraria marginata** Vahl (1804) 108  
 Syn.: *Tubiflora acaulis* (L.f.) Kuntze (1891b) 500.  
 Perennial herb, in forest or forest edges.  
 Ch – GC – S  
 Species known only from bibliographic reference (Malaisse 1996).
- Hygrophila auriculata** (Schumach.) Heine (1962) 172  
 Bas.: *Barleria auriculata* Schumach. (1827) 285.  
 Annual herb in wet grass savannah; also in flooded rice fields and rainfed crops.  
 Th – Pal – N, S – fl: ix–xii; fr: ix–iv  
 V.N.: santuforo (ba); elolâe (fl); interfur, lôbôte (fu); n'ton-sade (nl); bechete, lôbôte (pp).
- Hygrophila barbata** (Nees) T. Anderson (1863) 22  
 Bas.: *Physichilus barbatus* Nees (1847) 82.  
 Annual herb, in wet grass savannah, temporary pools and coastal sands.  
 Th – G – N, S, B – fl: xi–i; fr: iv
- Hygrophila brevitiba** (Burkill) Heine (1962) 176  
 Bas.: *Synnema brevitybum* Burkill (1899) 30.  
 Syn.: *Cardanthera parviflora* Turritt (1914) 82.  
 Annual herb, in wet grass savannah.  
 Th – G – N, E – fl&fr: xii
- Hygrophila odora** (Nees) T. Anderson (1863) 22  
 Bas.: *Polyechma odorum* Nees (1847) 83.  
 Annual herb, on river banks.  
 Th – SGC – S, E – fl: ii, iii; fl&fr: v
- Hygrophila pobeguini** Benoist (1913) 339  
 Syn.: *H. vanderystii* S. Moore (1920) 46.  
 Annual herb, in wet grass savannah.  
 Th – AfT – N – fl&fr: xi, xii
- Hygrophila senegalensis** (Nees) T. Anderson (1863) 22  
 Bas.: *Physichilus senegalensis* Nees (1847) 81.  
 Annual herb, in savannah woodland, wet grass savannah, on river banks and temporary pools; also in flooded rice fields.  
 Th – SG – N, E – fl: xi–i; fl&fr: ii, xii; fr: v  
 V.N.: brum-brum (pp).
- Hypoestes cancellata** Nees (1847) 505  
 Annual herb, in woodland, savannah woodland and palm groves.  
 Th – GC – S, E – fl: xi–i; fl&fr: xii–i
- Hypoestes forskalei** (Vahl) Sol. ex Roem. & Schult. (1817a) 140  
 Bas.: *Justicia forskalei* Vahl (1790) 2.  
 Syn.: *H. verticillaris* sensu auct. plur., non (L.f.) Sol. ex Roem. & Schult. (1817a) 140.  
 Perennial herb, in woodland and coastal sands; also ruderal.  
 Ch – AfT – N – fl&fr: iii, iv; fr: v
- Justicia insularis** T. Anderson (1863) 40  
 Syn.: *J. striata* subsp. *insularis* (T. Anderson) J.K. Morton (1978) 445; *Adhatoda diffusa*

- Benth. (1849) 483; *J. rostellarioides* Lindau (1894) 69.  
Annual herb, in savannah woodland, palm groves and wet grass savannah; also ruderal.  
Th – AfT – N, E, B – fl: ix, xi; fl&fr: ix, xii; fr: xii-i
- Justicia ladanoides** Lam. (1791) 42  
Syn.: *Adhatoda kotschyi* (Hochst.) Nees (1847) 397; *A. rostellaria* Nees (1847) 397; *J. calcarata* Hochst. ex C.B. Clarke (1900) 195; *J. galeopsis* T. Anderson ex C.B. Clarke (1900) 196; *J. kotschyi* (Hochst.) Dandy ex F.W. Andrews (1956) 180; *J. lithospermifolia* Jacq. (1798) 483; *J. neglecta* T. Anderson (1863) 40; *J. schimperi* (Hochst.) Dandy ex F.W. Andrews (1956) 180.  
Annual herb, in savannah woodland.  
Th – GC – B – fl: x
- Justicia tenella** (Nees) T. Anderson (1863) 40  
Bas.: *Rostellularia tenella* Nees (1847) 369.  
Syn.: *Rostellularia parviflora* Benth. (1849) 481.  
Perennial herb in savannah woodland, palm groves, wet grass savannah and on river banks.  
Ch – SGC – N, S, E – fl: vi; fr: ii, xii
- Lepidagathis capituliformis** Benoist (1911) 19  
Perennial herb in herbaceous steppe of the lateritic cuirasses.  
Hem – G – E
- Lepidagathis collina** (Endl.) Milne-Redh. (1953) 119  
Bas.: *Russegera collina* Endl. (1839) 38  
Perennial herb, in woodland, savannah woodland and on river banks; also in flooded rice fields.  
Hem – SG – N, S, E – fl: ix-xii  
V.N.: massinquessára (ba).
- Lepidagathis fimbriata** C.B. Clarke (1899) 125  
Syn.: *L. anobrya* var. *angustissima* Nees (1847) 255.  
Perennial herb, in wet grass savannah and herbaceous steppe of the lateritic cuirasses.  
Hem – SG – E – fl: x; fl&fr: i  
V.N.: benvento (ff).
- Lepidagathis heudelotiana** Nees (1847) 254  
Syn.: *L. sericea* var. *hirta* Benoist (1911) 155.  
Perennial herb, in savannah woodland and herbaceous steppe of the lateritic cuirasses.  
Hem – SG – E – fl: ix, xii; fr: ii
- Monechma ciliatum** (Jacq.) Milne-Redh. (1934a) 304  
Bas.: *Justicia ciliata* Jacq. (1772) 47, t. 104.  
Syn.: *M. hispidum* Hochst. (1841) 375; *Justicia togoensis* Lindau (1894) 72; *J. buettneri* Lindau (1894) 68; *Hygrophila lutea* T. Anderson (1863) 22.  
Annual herb, in woodland, savannah woodland and on river banks.  
Th – Pan – N, S, E, B – fl: x, xii; fl&fr: x-xii; fr: xi-v
- Monechma depauperatum** (T. Anderson) C.B. Clarke (1900) 217  
Bas.: *Justicia depauperata* T. Anderson (1863) 40.  
Perennial herb, in savannah woodland.  
Ch – GC – E – fl: i
- Nelsonia canescens** (Lam.) Spreng. (1825a) 42  
Bas.: *Justicia canescens* Lam. (1791) 41.  
Perennial herb, in forest, palm groves, wet grass savannah and mangrove borders; also in flooded rice fields, rainfed crops and other disturbed areas.  
Ch – Pan – N, S, E, B – fl: xii-vi; fl&fr: xii-vi  
V.N.: n'tobetobe, untúb-túbè (ba); sal-de-búfalo (cr); sal-di-baka (cs); dépê-farô (fu); nhicicumbalium (md).
- Phaulopsis barberi** T. Anderson (1863) 27  
'*Phaylopsis*'  
Annual herb, in forest, wet grass savannah and on river banks.  
Th – AfT – N, S – fl: xi
- Phaulopsis ciliata** (Willd.) Hepper (1973) 320  
Bas.: *Origanum ciliatum* Willd. (1800a) 133.  
Syn.: *Ph. falcisepala* C.B. Clarke (1899) 84.  
Perennial herb, in forest ecotone, palm groves and wet grass savannah.  
Hem – GC – N, S, E, B – fl: xi-i; fr: iv
- Phaulopsis imbricata** (Forssk.) Sweet (1826) 327  
Bas.: *Ruellia imbricata* Forssk. (1775) 113.  
Syn.: *Ph. parviflora* Willd. (1800b) 342.  
Annual herb, in woodland, savannah woodland and palm groves; also in rainfed crops.  
Th – AfT – N, S, E – fl: i, xii; fr: i, ii
- Rhinacanthus virens** (Nees) Milne-Redh. (1956) 37  
Bas.: *Leptostachya virens* Nees (1847) 378.  
Syn.: *R. subcaudatus* C.B. Clarke (1900) 225.

Perennial herb, in forest.

Ch – GC – S

Species known only from bibliographic reference (Malaisse 1996).

**Rungia eriostachya** Hua (1905) 62

Syn.: *R. pobeguinii* Hutch. & Dalziel (1931) 267.

Subshrub, in savannah woodland.

nph – SG – E – fr: i, iv

**Rungia grandis** T. Anderson (1863) 46

Syn.: *Justicia grandis* (T. Anderson) Lindau (1900) 317; *J. garckeana* Büttner (1890) 38.

Subshrub, in woodland and savannah woodland.

nph – GC? – N, S – fl: i; fl&fr: ii, iii

**Rungia guineensis** Heine (1967) 549

Subshrub, in forests.

nph – GC – S

Species known only from bibliographic reference (Malaisse 1996).

**Ruspolia hypocrateriformis** (Vahl) Milne-Redh. (1936) 270

Bas.: *Justicia hypocrateriformis* Vahl (1804) 165.

Syn.: *Eranthemum hypocrateriforme* (Vahl) Roem. & Schult. (1817a) 175.

Subshrub, in savannah woodland and on river banks.

nph – GC – N, E – fl&fr: xii; fr: ii

**Thunbergia erecta** (Benth.) T. Anderson (1863) 18

Bas.: *Meyenia erecta* Benth. (1849) 476.

Subshrub, in riparian forest.

nph – GC – S – fr: ii

AIZOACEAE – 3 genera, 4 species

FWTA 2nd ed. 1: 133–136 (as Molluginaceae and Ficoidaceae); EPFAT 1: 86–89; FIS 4: 15–31 (as Ficoidaceae).

A family of succulent, annual and perennial herbs, widespread in tropical and subtropical regions, primarily in coastal or arid habitats. From the four species found in the country, three occur in wet grass savannah, riparian forest and disturbed areas and *Sesuvium portulacastrum* is an halophyte found mostly in mangroves.

**Glinus lotoides** L. (1753) 463

Annual herb, in wet grass savannah.

Th – Pan – E – fr: vi

**Glinus oppositifolius** (L.) Aug. DC. (1901) 559

Bas.: *Mollugo oppositifolia* L. (1753) 89.

Annual herb, in riparian forest.

Th – Pan – B – fl: iv; fl&fr: iii

**Sesuvium portulacastrum** (L.) L. (1759a) 1058

Bas.: *Portulaca portulacastrum* L. (1753) 446.

Perennial herb, in mangrove and mangrove borders and along river banks; also in flooded rice fields.

Ch – Pan – N, S, E, B – fl: x-iv; fr: iv

V.N.: bossaha, burunquè (ba); enhade (fs); n'bossé (nl); uondgi (ss).

**Trianthema portulacastrum** L. (1753) 223

Annual herb, in rainfed crops and other disturbed areas.

Th – Pan – N, S, E – fl: vii, xi; fl&fr: i; fr: ix

AMARANTHACEAE – 8 genera; 14 species

FWTA 2nd ed. 1: 145–154; EPFAT 1: 97–104; FIS 1: 125–186.

A cosmopolitan family, with most of the species occurring in disturbed, arid or saline habitats. All the 14 species found in the country are herbaceous and the great majority are annuals found in a variety of habitats, from forest edges to woodlands, wet and dry savannahs, palm groves, riparian forest, river banks and coastal sands. Most of the species are ruderal and heliophilous, occurring also in flooded rice fields, rainfed crops and other disturbed areas.



**Achyranthes aspera** L. (1753) 204

Annual herb, in forest edges and woodland; also in rainfed crops and other disturbed areas.

Th – Pan – S, E – fl&fr: ii, xii; fr: v

**Alternanthera littoralis** var. **sparmannii**

(Moq.) Pedersen (1990) 72

Bas.: *Telanthera maritima* var. *sparmannii* Moq. (1849) 365.

Syn.: *A. maritima* var. *sparmannii* (Moq.) Mears (1978) 11.

Perennial herb, in coastal sands.

Ch – Aat – N, B – fl: x, xii

**Alternanthera nodiflora** R.Br. (1810) 417

Annual herb, in savannah woodland, wet grass savannah and on river banks; also in flooded rice fields and rainfed crops.

Th – Pal – N, S, E – fl: vi-x; fl&fr: xi-i

V.N.: bocha (ba).

**Alternanthera sessilis** (L.) R.Br. ex DC. (1813) 77

Bas.: *Gomphrena sessilis* L. (1753) 225.

Annual herb, in wet grass savannah and on river banks; also in flooded rice fields.

Th – Pan – S, B – fl: v, x, xi

V.N.: bocha (ba).

**Amaranthus spinosus** L. (1753) 991

Annual herb, in savannah woodland; also in flooded rice fields, rainfed crops and other disturbed areas.

Th – Pan – N, S, E – fl: vii, ix; fl&fr: ix-xii

V.N.: brêdo (cr); boro-boro, djambo (fu).

**Amaranthus viridis** L. (1763) 1405

Annual herb, in rainfed crops and other disturbed areas.

Th – Pan – E – fl: vii; fl&fr: x-i

V.N.: brêdo (cr); brédé-famia, brédo (cs); bóròbórò (fl).

**Blutaparon vermiculare** (L.) Mears (1982) 113

Bas.: *Gomphrena vermicularis* L. (1753) 224.

Syn.: *Philoxerus vermicularis* (L.) R.Br. ex Sm. (1814) ord. alph.

Perennial herb, in wet grass savannah, small lakes, on river banks, temporary pools, mangrove and mangrove borders; also in flooded rice fields.

Ch – Aat – N, S, E, B – fl: i-xii

V.N.: brunde, malu-inretha (ba); arroz-de-cacre (cr); dalónka-de-kamiño (cs); enhade (fs).

**Celosia argentea** L. (1753) 205

Annual herb, ruderal; it seems to be cultivated and sub-spontaneous.

Th – Pan(AfT) – S, E – fr: xi

**Celosia trigyna** L. (1771) 212

Syn.: *C. laxa* Schumach. & Thonn. (1827) 141.

Annual herb, in forest, woodland, savannah woodland, palm groves, riparian forest and on river banks; also in flooded rice fields, rainfed crops and other disturbed areas.

Th – AfT – N, S, E, B – fl&fr: i-xii

V.N.: boroboro, bóròbórò-déo (fu); boro-boro (md); bore-bore (td).

**Cyathula** cf. **pobeguini** Jacq.-Fél. (1949) 196

Perennial herb, in savannah woodland.

Hem – G – E – fl: xii

**Cyathula prostrata** (L.) Blume (1826) 549

Bas.: *Achyranthes prostrata* L. (1762) 296.

Annual herb, in woodland; also in rainfed crops.

Th – Pan – N, S – fl: xi

**Pandiaka angustifolia** (Vahl) Hepper (1971) 189

Bas.: *Gomphrena angustifolia* Vahl (1794) 45.

Syn.: *Achyranthes heudelotii* Moq. (1849) 310;

*P. heudelotii* (Moq.) Hook.f. (1880) 36;

*P. benthamii* (Lepr.) Schinz (1934) 64.

Annual herb, in woodland, savannah woodland and herbaceous steppe of the lateritic cuirasses; also in rainfed crops.

Th – AfT – S, E – fl: x, xi; fl&fr: ix, xi

V.N.: toa-toi (fu).

**Pandiaka involucrata** (Moq.) Hook.f. (1880) 36

Bas.: *Achyranthes involucrata* Moq. (1849) 310.

Annual herb, in savannah woodland, palm groves, wet grass savannah and herbaceous steppe of the lateritic cuirasses; also in rainfed crops, flooded rice fields and other disturbed areas.

Th – SG – N, S, E, B – fl: ix-xii

V.N.: bodeel, lequel (fu).

**Pupalia lappacea** (L.) A.Juss. var. **lappacea** (1803) 132

Bas.: *Achyranthes lappacea* L. (1753) 204.

Perennial herb, in woodland and palm groves.

Hem – Pal – S, B – fl&fr: xii; fr: xi

ANACARDIACEAE – 8 genera, 2 introduced;  
10 species, 2 introduced and sub-spontaneous

FWTA 2nd ed. 1: 726–739; EPFAT 2: 223–230; FIS 1: 237–289.

A family of woody plants, mainly tropical. The 8 autochthonous species are shrubs and small to medium-sized trees, found mainly in woodland and savannah woodland and less frequently in forest, riparian forest, river banks and palm groves. The two introduced and sub-spontaneous species are cultivated and have a great economic importance. *Anacardium occidentale*, the cashew tree, is one of the major crops in the country and the cashew nut is probably the major export product. *Mangifera indica*, the mango tree, is planted in and near the villages all over the country and its fruit is one of the most consumed.

**I *Anacardium occidentale* L. (1753) 383**

Cultivated tree, often in dense populations;  
sometimes occurs mixed with the natural or  
semi-natural vegetation.

mPh – Pan(Am) – N, S, E, B – fl: xii-iv; fl&fr:  
ii-iv; fr: ii-vi

V.N.: katchá (ba); buadjú (bf); cadjú (cr);  
ialaguei (ff); udaracassá (fs); cadjudje (fu);  
cadjuo (md); ialiké (nl); caju (pt); ialiké,  
kusso (ss).

Introduced species, cultivated and nowadays sub-  
spontaneous, native to Central America and  
Antilles. Cashew production is an important  
economic activity in the country.

***Lanea acida* A.Rich. (1831) 154**

Syn.: *Odina acida* (A.Rich.) Oliv. (1868) 446.  
Small tree, in woodland and savannah wood-  
land.

mph – S – N, S, E, B – fl: ii, iii; fr: iv

V.N.: dôto (ba); mantede (cr); ututene (fs); bem-  
bedja, bembem-hei, tchingole (fu); bémbô  
(md); betôlôdje (pp).

***Lanea nigrítana* (Scott-Elliot) Keay (1956a)  
204**

Bas.: *Odina nigrítana* Scott-Elliot (1894) 75.

Syn.: *L. afzëlii* Engl. (1898) 494.

Small tree, in woodland and savannah wood-  
land.

mph – SGC – N, S, E – fl: ii, iii; fr: iv-vi

V.N.: mantede (cr); bembedje, bembem-hei,  
tchingole (fu); bémbô (md); betôlôdje (pp).

***Lanea velútina* A.Rich. (1831) 154, t. 42**

Syn.: *Odina velútina* (A.Rich.) Oliv. (1868)  
447.

Small tree in woodland and savannah wood-  
land.

mph – SG – N, S, E – fl: ii-v; fl&fr: iii, iv; fr:  
iv-vi

V.N.: dôtô (ba); bembei, dembei, mantede (cr);  
bembedje, bembei, bembem-hei, tchucó,  
tchingole (fu); bémbô (md); betôlôdje (pp).

**I *Mangifera indica* L. (1753) 200**

Planted tree, usually at the villages, with edible  
fruits.

mPh – Pan(As) – N, S, E, B – fl: i, iv; fl&fr:  
xii

V.N.: bumang (bf); mango (cr); mancó (md);  
mango-sane (pp); mangueira (tree), manga  
(the fruit) (pt).

Introduced species, nowadays sub-spontaneous,  
native to India.

***Ozoroa insignis* subsp. *latifolia* var. *intermedia*  
R.Fern. (1966) 28, t. 5**

Shrub or small tree, in savannah woodland.

mph – AfT – E – fr: x, xi

V.N.: beidamodjo, queleldjere (fu).

***Pseudospondias microcarpa* (A.Rich.) Engl.  
(1883) 259**

Bas.: *Spondias microcarpa* A.Rich. (1831) 151,  
t. 40.

Tree, in woodland, riparian forest, palm groves  
and on river banks.

mPh – AfT – N, S, E, B – fl: xii-iv; fl&fr: xii, i  
V.N.: cadjôdjáe, gobi (fu); bembô (md); utime  
(pp).

***Sclerocarya birrea* (A.Rich.) Hochst. (1844a)  
1**

Bas.: *Spondias birrea* A.Rich. (1831) 152,  
t. 41.

Shrub or tree, in savannah woodland.

mPh – AfT – E – fl: ii; fr: vi

V.N.: éri (fu).

***Sorindeia juglandifolia* (A.Rich.) Planch. ex  
Oliv. (1868) 440**

Bas.: *Dupuisia juglandifolia* A.Rich. (1831)  
148.

Small tree or shrub, in woodland, savannah  
woodland and palm groves.

mph – AfT – N, S, E, B – fl: xi-v; fl&fr: x-iv;  
fr: ii-vi

V.N.: m'riul (ba); aionque (bj); balébári (the fruit), undêbári (planta) (cb); coxolourô, cupote-cuxolourô (fs); sandje-bombo, sandji-bombro (fu); lagari (mj); n'taluass, n'tchalúas, untchalbinass (nl); n'tata, untata (pp); ambilire (td).

**Spondias mombin** L. (1753) 371

Tree or shrub in woodland, savannah woodland, riparian forest and palm groves.

mPh – AfAm – N, S, B – fl: iv, v; fr: vi, ix; fl&fr: i, vii

V.N.: p'sale, sale, samé (ba); budjábual (bf); negae, ogáe, ugai (bj); báfóssé (the fruit), upôssé (the tree) (cb); mandiple (cr); mandipul (cs); prunes-mombin (fr); bujendendem (fs); tchálè (fu); n'pela, umpela (mc); nincom-ô (md); pilme (mj); n'pilo, umpilo (pp).

ANCISTROCLADACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 233–234; EPFAT 1: 143; FIS 1: 291.

A monogeneric family of paleotropical woody climbers and sarmentose shrubs.

**Ancistrocladus barteri** Scott-Elliot (1894) 73

Woody climber or shrub, in forest and woodland.

mfan(L) – G – S

ANNONACEAE – 9 genera; 16 species and subspecies

FWTA 2nd ed. 1: 34–54; EPFAT 1: 31–40; FIS 1: 293–349.

A large pantropical and pan-subtropical family of trees, shrubs and lianas. The 16 autochthonous taxonomical groups found in Guinea-Bissau occur in a wide diversity of terrestrial habitats, like forest, woodland, savannah woodland, palm groves and wet grass savannah. Nevertheless, some species, as for instance *Annona senegalensis* or *Hexalobus monopetalus* are heliophilous, fire-tolerant and even ruderal, occurring mostly in woodland and savannah woodland and others, like *Mischogyne elliotianum*, *Monanthonotaxis barteri*, *Monodora myristica* and *Xylopia aethiopica* are found mainly in more shady and wet vegetation types.

**Annona glauca** Schumach. & Thonn. (1827) 259

Small shrub, in wet grass savannah and coastal sands.

nph – SG – N, S – fr: vii–viii

V.N.: m'bonhé (nl).

mph – AfT – N, S – fl: iii, iv; fr: v

V.N.: the same as the former subspecies.

**Annona senegalensis** subsp. **oulotricha** Le Thomas (1969) 100

Shrub in woodland and savannah woodland; also in disturbed areas.

nph – GC – N, S, E, B – fl&fr: iv; fr: vi

V.N.: bodi-iode, bóré (ba); bubomba (bf); bole (bj); mambomba, mambumba, mam-bunda (cr); ulolocô (fs); ducumè, ducumê (fu); bâme, suncun-úm (mc); sucum-ô, suncun-úm (md); benémpe, benempele, benotero (mj); sampane (pp).

**Artabotrys velutinus** Scott-Elliot (1894) 71

Shrub in forest edges, woodland, savannah woodland, palm groves and on river banks.

mph – SG – N, S, B – fl: vi, vii; fr: x–v

V.N.: budia (fs).

cf. **Cleistopholis patens** (Benth.) Engl. & Diels (1901) 35, t. 12/D

Bas.: *Oxymitra patens* Benth. (1862a) 472, t. 51.

Tree, in palm groves.

mPh – GC – B

V.N.: edá-erancucha (bj).

**Annona senegalensis** Pers. subsp. **senegalensis** (1806) 95

Shrub, in savannah woodland and coastal sands.

**Hexalobus crispiflorus** A.Rich. (1845) 43

Tree, in riparian forest and along river banks.

mPh – GC – E – fl&fr: v

**Hexalobus monopetalus** (A.Rich.) Engl. & Diels (1901) 56, t. 20/B

Bas.: *Uvaria monopetalata* A.Rich. (1831) 8, t. 2.

Shrub or small tree, in woodland, savannah woodland, palm groves and on river banks.  
mph – AfT – N, S, E – fl: xi-iv; fr: iv, vii  
V.N.: mambumba (cr); bacuré, boile, boili, canjé, tapircó (fu).

**Mischogyne elliotianum** (Engl. & Diels)

R. E. Fr. (1955) 37

Bas.: *Uvaria elliotiana* Engl. & Diels (1901) 28.

Shrub, in riparian forest.

mph – GC – S, E – fr: v

**Monanthotaxis barteri** (Baill.) Verdc. (1971a)

21

Bas.: *Popowia barteri* Baill. (1868) 324.

Syn.: *Enneastemon barteri* (Baill.) Keay (1953a) 72.

Shrub or liana, in woodland, palm groves, riparian forest and on river banks.

mph(C) – G – N, S, E, B – fl: iv-vii; fr: x-v

V.N.: úrei (bj).

**Monanthotaxis vogelii** (Hook.f. ex Hook.f. & Benth.) Verdc. (1971a) 23

Bas.: *Uvaria vogelii* Hook.f. ex Hook.f. & Benth. (1849) 208, t. 17.

Syn.: *Enneastemon vogelii* (Hook.f. ex Hook.f. & Benth.) Keay (1953a) 72.

Shrub, in riparian forest and on river banks.

mphC – G – S – fl: v

**Monodora myristica** (Gaertn.) Dunal (1817)

80

Bas.: *Annona myristica* Gaertn. (1791) 194, t. 125.

Shrub or tree, in forest edges and riparian forest.

mph – AfT – S, B – fr: xii

V.N.: sambé (ba); durétche (bf); quélè-náí (ff); quélè (fu), djambadim-ô (md).

**Monodora tenuifolia** Benth. (1861) 72

Small tree or shrub, in riparian forest and on river banks.

mph – GC – S, E – fl: ii-viii; fl&fr: vi; fr: iv-viii

V.N.: setane (ba); quélè-máí (ff); bólhanei, molhanei, quélè (fu).

**Uvaria chamae** P.Beauv. (1816) 42, t. 83, f. 2

Shrub or liana, in woodland, savannah woodland and palm groves.

mph(C) – SGC – N, S, E, B – fl: iv-ix; fl&fr: x; fr: x-iv

V.N.: búurtchi (bf); banana-de-santcho, banana-sanjo (cr); fudia (fs); qélè-bálé, qélè-bálei, quelibaledje (fu); begundja, bogunha, bugunha (mc); sambafim-ô, sambafiom, sambefim (md); begundja, bogunha, bugunha (mj); n'pinde (nl); gúndjê (pp); mourandá (ss).

**Xylopia acutiflora** (Dunal) A. Rich. (1845) 55

Bas.: *Unona acutiflora* Dunal (1817) 116, t. 22. Small tree, in woodland.

mph – AfT – E – fr: vii

V.N.: guilibete-bade (fu).

**Xylopia aethiopica** (Dunal) A. Rich. (1845) 53

Bas.: *Unona aethiopica* Dunal (1817) 113.

Tree, in forest, woodland, savannah woodland, riparian forest, river banks, mangrove borders and palm groves.

mPh – AfT – N, S, E, B – fl: iv-ix; fl&fr: x; fr: ix-iv

V.N.: sem-unte-pulhe, sentê (ba); eda, équêche, ocanhebo (bj); malagueta-da-guiné, malagueta-preta, malagueta-preto-de-guiné, malagueta-di-mato (cr); erauci (fs); guilé-balei, guilé-bétè (fu); idóié-iginal (mc); canafiô, janafim-ô (md); brôbleque, irú (mj); séla (nl); djodjô, djô-gôfe, iobogôfo (pp); calantú, calatú (ss).

**Xylopia longipetala** De Wild. & T. Durand (1899) 4

Syn.: *Uvaria parviflora* A. Rich. (1831) 9, t. 3; *X. vallonii* Chipp ex Hutch. & Dalziel (1927) 53.

Shrub, in woodland, savannah woodland, riparian forest and on river banks.

mph – AfT – N, E – fl: xii, i; fr: iv-xii

V.N.: bussindilite (fs).

APOCYNACEAE – 16 genera; 27 species

FWTA 2nd ed. 2: 51–80; EPFAT 4: 66–92; FIS 1: 351–457.

A large family mainly of trees, shrubs and lianas widespread in tropical and subtropical regions, but also with some perennial herbs in temperate regions. Most of the 27 autochthonous species occur in forest, palm groves, woodland or riparian forest and some of them also in savannah woodland. *Adenium obesum* is a typical element of the herbaceous steppe of the lateritic cuirasses.

- Adenium obesum** (Forssk.) Roem. & Schult. (1819) 411  
 Bas.: *Nerium obesum* Forssk. (1775) 205.  
 Syn.: *A. honghel* A.DC. (1844) 412.  
 Shrub or small tree, in herbaceous steppe of the lateritic cuirasses.  
 mph – Pal – E – fl: xii, ii  
 V.N.: djndje-pétè (ff); flor-da-rocha (pt).
- Alafia benthamii** (Baill. ex Stapf) Stapf (1902) 199  
 Bas.: *Ectinocladus benthamii* Baill. ex Stapf (1894a) 88.  
 Woody climber, along river banks.  
 mphC – GC – S, E – fl: ii, iii
- Alafia scandens** (Thonn.) De Wild. (1903a) 15  
 Bas.: *Nerium scandens* Thonn. (1827) 148.  
 Woody climber, in forest, woodland, riparian forest and on river banks.  
 mPhC – GC – N, S, E – fl: vii; fl&fr: ii, iii  
 V.N.: butnacímbor (ba); bulúlê (bf); gumeculô (md).
- Alafia schumannii** Stapf (1902) 197  
 Woody climber, in forest, woodland and savannah woodland.  
 mPhC – GC – S, E – fl: i; fl&fr: i; fr: i, xii
- Alstonia boonei** De Wild. (1914) 382  
 Large tree, in woodland, savannah woodland, riparian forest and on river banks.  
 MPH – AfT – N, S, E – fl: i, iv; fr: ii, iv  
 V.N.: biangue, bianque, psoque,(ba); tagara, tagarra (cr); polôfuru (cs); banta-forodjé, bantera-fôrô, batanforo (fu); batacar (mc); iangué (nl).
- Alstonia congensis** Engl. (1886) 64  
 Large tree, in forest and on river banks.  
 MPH – GC – S, E, B  
 V.N.: djambé (ba); cudjêsse, quessum (bj); tagara, tagarra (cr); léguerè (ff); bantam-foro (fu); betácarre (mc); bantam-forô (md); bidjêsse (mj); batáguar (pp).
- Baissea leonensis** Benth. (1849) 452  
 Syn.: *B. brachyantha* Stapf (1894c) 125.  
 Woody climber, in forest.  
 mPhC – GC – S – fl: vii
- Baissea multiflora** A.DC. (1844) 424  
 Syn.: *B. laxiflora* Stapf (1894c) 124.
- Shrub or woody climber, in woodland, savannah woodland, palm groves and on river banks.  
 mphC – GC – N, S, E – fl: xi-v; fl&fr: xii-iii; fr: xi-iii  
 V.N.: pore (ff); poracudodo, poracududu, salanombo (fu).
- Funtumia africana** (Benth.) Stapf (1899) 2  
 Bas.: *Kickxia africana* Benth. (1879) 59, t. 1276.  
 Small tree, in forest, savannah woodland and riparian forest.  
 mph – AfT – N, S – fl&fr: viii, ix  
 V.N.: ripetche (ba); budiquédo (fu).
- Holarrhena floribunda** (G.Don) T.Durand & Schinz (1896) 190  
 Bas.: *Rondeletia floribunda* G.Don (1834) 516.  
 Syn.: *H. africana* A.DC. (1844) 414.  
 Shrub or small tree, in woodland, savannah woodland, palm groves and on river banks.  
 mph – GC – N, S, E, B – fl: ii-viii; fl&fr: vi; fr: xi-ii  
 V.N.: bripathe (ba); ete-éri (bj); machalô (fs); charra-quidjé, endama, rubitchi, tcharaquidje, tchoráqui (fu); bedufe, bedufi, bidufe (mc); tcharicô (md).
- Hunteria umbellata** (K.Schum.) Hallier f. (1900) 190  
 Bas.: *Carpodinus umbellata* K.Schum. (1896a) 221.  
 Syn.: *Polyadoa elliotii* Stapf (1902) 104; *H. elliotii* (Stapf) Pichon (1953a) 97.  
 Small tree, in forest, woodland and riparian forest.  
 mph – G – N, S, E – fl: i-vi; fl&fr: v; fr: vi, ix  
 V.N.: pó-di-pinti (cr); báuri (fu); belace, belaha (mj); n'tchintchamp (nl); balé (ss).
- Isonema smeathmannii** Roem. & Schult. (1819) 401  
 Woody climber, in forest, riparian forest and on river banks.  
 mfanL – G – N – fl: x-iii
- Landolphia dulcis** (R.Br. ex Sabine) Pichon (1953b) 169, t. 6, 6  
 Bas.: *Carpodinus dulcis* R.Br. ex Sabine (1824) 455.  
 Shrub or woody climber, in woodland, savannah woodland, palm groves and on river banks.

mph/mPhC – GC – N, S, E, B – fl: x; fr: xii, ii  
 V.N.: impequece, nanhala, nanhale (ba); erocodo, noropod (bj); cibode, fole, mambimba (cr); suncutó-fóleo (md); becute, blambô (mj); ubimba, ucimba (pp); codudú (sr).

**Landolphia heudelotii** A.DC. (1844) 320

Shrub or woody climber, in woodland, savannah woodland, riparian forest and palm groves.  
 mph/mPhC – SG – N, S, E, B – fl: xi-ii; fl&fr: iv; fr: iii-x

V.N.: psôbé (ba); canho, erocodo, n'batano, umbatano (bj); fole, fole-di-lala, fole-di-lete, fole-macacou, fole-pequeno, folezinho, mambimba (cr); foli (cs); porè-làrè (ff); bufene (fs); débol-pólédje, pore (fu); fóleos-sum-ô (md); betá (mj); entonke (nl); angambane (td).

**Landolphia hirsuta** (Hua) Pichon (1953b) 193, t. 9, 1–4

Bas.: *Carpodinus hirsuta* Hua (1900) 312.

Large woody climber, in forest and riparian forest.

MPhC – GC – N, S – fl: i, ii; fr: iv, xi

V.N.: simpumpu (cb); fole (cr).

**Landolphia incerta** (K.Schum.) J.G.M.Pers. (1992) 94, f. 16

Bas.: *Carpodinus incerta* K.Schum. (1895a) 132.

Syn.: *Clitandra mannii* Stapf (1894b) 20.

Woody climber, in forest, woodland and riparian forest.

mphC – GC – S – fl: vii; fr: i, vi

V.N.: djacoram (fu).

**Landolphia owariensis** P.Beauv. (1806) 55, t. 34

Large woody climber, in forest, woodland and savannah woodland.

MPhC – AfT – N, S – fl: iii

V.N.: fole-elefante, fole-de-elefante (cr); mentá (mj); lamúquè (ff); lamúdè (fu); cabádjó (md).

**Oncinotis nitida** Benth. (1849) 451

Woody climber, in woodland and riparian forest.

mphC – SG – S – fl&fr: viii; fr: xii

**Pleiocarpa pycnantha** (K.Schum.) Stapf (1902) 99

Bas.: *Hunteria pycnantha* K.Schum. (1896a) 222.

Syn.: *P. tubicina* Stapf (1898a) 304; *P. pycnantha* var. *tubicina* (Stapf) Pichon (1953a) 132; *P. flavescens* Stapf (1902) 101.

Shrub, in riparian forest and mangrove borders.

mph – GC/SZ – N, S – fl: iv, v; fr: v

**Rauvolfia vomitoria** Afzel. (1817) 1

Shrub or tree, in forest, woodland, savannah woodland and on river banks.

mph – AfT – N, S, E, B – fl: v, x, xii; fl&fr: iv, x; fr: i, viii, ix

V.N.: berenquete (bf); conhedje (bj).

**Saba comorensis** (Bojer ex A.DC.) Pichon (1953b) 303

Bas.: *Vahea comorensis* Bojer ex A.DC. (1844) 328.

Syn.: *Landolphia florida* Benth. (1849) 444;

*S. florida* (Benth.) Bullock (1959) 391.

Woody climber, in woodland, palm groves and mangrove borders.

mPhC – AfT – N, E – fl: iv; fr: xi

V.N.: caba-forô (md); mutaba (pp).

**Saba senegalensis** (A.DC.) Pichon (1953b) 316

Bas.: *Vahea senegalensis* A.DC. (1844) 328.

Syn.: *Landolphia senegalensis* (A.DC.) Kotschy & Peyr. (1867) 31.

Large woody climber, in forest, woodland, savannah woodland, palm groves and mangrove borders.

MPhC – SG – N, S, E, B – fl: iii-vi; fr: xii

V.N.: búoca (bf); capdjone (bj); fole, fole-de-elefante, fole-elefanta, tole (cr). foli, foligros, tolé (cs); bindipe (fs).

**Strophanthus hispidus** DC. (1802) 123, pl. 8

Shrub or woody climber, in woodland, savannah woodland and palm groves.

mph/mPhC – GC – N, S, E – fl: iii-ix; fl&fr: vi; fr: xi-iv

V.N.: getselè, n'dénglê, undénglê (ba); malila (= trepadeira), malila-de cabelo (cr); quindebode, toque (ff); butchamai (fs); murtaquè, quindembode (fu); benunco, bièté (mc); dáfê (nl); fanhadje-úri (ss); mandará (td).

**Strophanthus sarmentosus** DC. var. **sarmentosus** (1802) 123

Shrub or woody climber, in forest, woodland, savannah woodland, riparian forest, palm groves and mangrove borders.

mph/mPhC – SGC – N, S, E, B – fl: xi-vi; fl&fr: iii; fr: iii, x, xii

V.N.: teme (ba); manate (bj); ranud (cs); quindé (ff); uraumu (fl); fufembe-êule, fumabó (fs); bodje, manca-anadje (fu); biéte (mc); solenambô (md); mambahane (pj); n'ápè, um-ápè (pp); tibaláè (nl).

**Tabernaemontana africana** Hook. (1825)  
389

Syn.: *T. longiflora* Benth. (1849) 447; *Conopharyngia longiflora* (Benth.) Stapf (1902) 141.

Shrub, in forest, woodland and riparian forest.  
mph – G – N, S, E, B – fr: xii-v; fl&fr: xii-v  
V.N.: blá, glanhê (ba); embumbuine, embumbulhe, orobodo (bj); corèbode (fu); buúichi (mj); utá, utá-leite (pp).

**Voacanga africana** Stapf ex Scott-Elliot (1894)  
87

Small tree or shrub, in forest, woodland, savannah woodland and palm groves.  
mph – AfT – S, B – fl: iii, v; fr: i, xii  
V.N.: blacahai (ba); epopoquê (bj); pau-de-bor-racha (cr); m'pumbu (nl).

**Voacanga thouarsii** Roem. & Schult. (1819)  
439

Syn.: *V. obtusa* K.Schum. (1895a) 149.  
Small tree, in woodland and riparian forest.  
mph – AfT – N, E – fl&fr: vi

#### ARALIACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 750–751; EPFAT 2: 233–234; FIS 1: 459–469.

A medium-sized family of trees, shrubs and herbs from tropical and temperate regions.

**Cussonia arborea** Hochst. ex A.Rich. (1848) 336, t. 56

Syn.: *C. kirkii* Seem. (1866) 299; *C. barteri* Seem. (1866) 299; *C. longissima* Hutch. & Dalziel (1928a) 520.

Small tree, in savannah woodland.  
mph – SZ – E  
V.N.: papaia-do-mato (cr).

#### ARISTOLOCHIACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 77–81; EPFAT 1: 51–52; FIS 1: 471–477.

A small family of herbs and shrubs from tropical and temperate Eurasia, Africa and America.

**Pararistolochia goldieana** (Hook.f.) Hutch. & Dalziel (1927) 77

Bas.: *Aristolochia goldieana* Hook.f. (1866) 185, t. 14.  
Herbaceous climber, in woodland.  
mphC – G – N – fl: viii

#### ASCLEPIADACEAE – 21 genera; 23 species

FWTA 2nd ed. 1: 85–103; EPFAT 4: 92–137; FIS 1: 479–593.

A medium-sized family of perennial herbs, shrubs, woody climbers and trees, mainly from tropical and subtropical areas. Most of the 23 species found in Guinea-Bissau are perennial herbs and herbaceous and woody climbers, occurring in forest, woodland, savannah woodland and on river banks. Some of them are also ruderal.

**Anisopus efulensis** (N.E.Br.) Goyder (1994)  
743

Bas.: *Marsdenia efulensis* N.E.Br. (1896)  
t. 2497.

Woody climber, in forest.  
mphC – GC – S  
Species known only from bibliographic reference (Malaisse 1996).

**Aspidoglossum interruptum** (E.Mey.) Bullock  
(1952) 419

Bas.: *Lagarinthus interruptus* E.Mey. (1838)  
208.

Perennial herb, in wet grass savannah.  
Geo – SG – E – fl: vii, viii

- Calotropis procera** (Aiton) R.Br. ex W.T.Aiton (1811a) 78  
 Bas.: *Asclepias procera* Aiton (1789a) 305.  
 Small shrub, in savannah woodland; also ruderal.  
 nph – Pal – N, S, E – fl. i-iv; fl&fr. ii  
 V.N.: bagueuóne, n'olim-nhe, n'olininhe, um-olim-nhe (ba); bombardeira, bombardera (cr); bomboedéru, bordéru (cs); belápsé (fl); pama (fu); belápsê (mc); cumpampam-ô, pampam, pópó-hô, tchimpampam (md); bfô, ufô (pp); bussuma (ss).
- Ceropegia nigra** N.E.Br. (1895a) 261  
 Perennial herb, in savannah woodland and riparian forest.  
 Geo – G – S, E – fl: viii; fr: x
- Ceropegia peulhorum** A.Chev. (1909a) 118  
 Perennial herb, in savannah woodland and riparian forest.  
 Geo – SG – N, S – fl: vii, xi
- Ceropegia racemosa** N.E.Br. (1895a) 262  
 Perennial herb, in savannah woodland.  
 Geo – AfT – N, S, E – fl: viii; fl&fr: ix; fr: ix, x
- Cryptolepis sanguinolenta** (Lindl.) Schltr. (1900) 308  
 Bas.: *Pergularia sanguinolenta* Lindl. (1825a) t. 2532.  
 Small woody climber, in woodland and riparian forest; also ruderal.  
 mphC – GC – N, S, B – fl: x, xi; fl&fr: iv; fr: ii, xii  
 V.N.: butnacimbore, mansahane (ba); funhalunco (fs); cuntésse, porecududo (fu); cuntesse (md); bumbine, bumbipe (mj).
- Cynanchum longipes** N.E.Br. (1897a) 273  
 Small woody climber, in riparian forest.  
 mphC – AfT – E – fl: viii; fl&fr: ix
- Dregea crinita** (Oliv.) Bullock (1957) 519  
 Bas.: *Marsdenia crinita* Oliv. (1891) t. 1993.  
 Small woody climber, in forest.  
 mphC – GC – S – fl: vi
- Ectadiopsis oblongifolia** (Meisn.) Schltr. (1895a) 10  
 Bas.: *Ectadium oblongifolium* Meisn. (1843) 542.  
 Syn.: *Cryptolepis nigriflora* (Benth.) N.E.Br. (1902–1903) 251.
- Small shrub or subshrub, in savannah woodland.  
 nph – AfT – N, E – fr: ix, x  
 V.N.: quelérdjéré (fu).
- Gongronema latifolium** Benth. (1849) 456  
 'latifolia'  
 Syn.: *Marsdenia latifolia* (Benth.) K.Schum. (1900) 372.  
 Small woody climber, in forest and along river banks.  
 mphC – AfT – S – fl: vi, vii
- Gymnema sylvestre** (Retz.) R.Br. ex Schult. (1820) 57  
 Bas.: *Periploca sylvestris* Retz. (1781) 15.  
 Small woody climber, in woodland, riparian forest, wet grass savannah, mangrove borders and on river banks; also ruderal.  
 mphC – AfT – N, S, E, B – fl: vii, viii; fr: xi-v  
 V.N.: buko-bipilate (mc).
- Leptadenia hastata** (Pers.) Vatke (1876) 217  
 Bas.: *Cynanchum hastatum* Pers. (1805) 273.  
 Small woody climber in woodland, savannah woodland and coastal sands; also ruderal.  
 mphC – SG – N, S, E – fl: xi-vi; fl&fr: iv, v  
 V.N.: enrocodé, inrokdé, n'rocdè (ba); cibode (cr), sapaté (cs); fudjerou (fs); djambo-so-redjé, safaro, safarodje (fu); bé-thácare (mc); m'bafecabuduco (nl); bissacra (pp).
- Mangenotia** cf. **eburnea** Pichon (1954) 246  
 Small woody climber, in forest, woodland and on river banks.  
 mphC – GC – N, S – fl: ix; fr: xii  
 V.N.: butnacimbar (ba).
- Mondia whitei** (Hook.f.) Skeels (1911) 45  
 Bas.: *Chlorocodon whitei* Hook.f. (1871a) t. 5898.  
 Small woody climber, in woodland, savannah woodland and riparian forest.  
 mphC – AfT – N, S, E – fl: viii, xi; fr: ii  
 V.N.: lacadje (fu).
- Oxystelma bornouense** R.Br. (1826) 239  
 Herbaceous climber, along river banks.  
 mphC – AfT – N – fl: xi
- Pachycarpus lineolatus** (Decne.) Bullock (1953) 333  
 Bas.: *Gomphocarpus lineolatus* Decne. (1838) 326.  
 Syn.: *Asclepias lineolata* (Decne.) Schltr. (1895b) 336.



Perennial herb, in savannah woodland.

Geo – AfT – E

V.N.: bafurma (md).

**Pergularia daemia** (Forssk.) Chiov. (1916) 115

Bas.: *Asclepias daemia* Forssk. (1775) 51.

Syn.: *P. extensa* (Jacq.) N.E.Br. (1907–1908) 758.

Herbaceous climber, in coastal sands.

GeoC – Pal – N – fl: iii; fl&fr: x, xi

**Periploca nigrescens** Afzel. (1818) 2

Syn.: *Parquetina nigrescens* (Afzel.) Bullock (1961) 205.

Herbaceous climber, in forest and woodland.

mPhC – GC/SZ – N, E – fl: iv; fl&fr: x; fr: i, ii

**Raphionacme brownii** Scott-Elliot (1894) 91

Perennial herb, in wet grass savannah.

Geo – Aft – N, S – fl: vi; fl&fr: vi

V.N.: insónða (ba); dafê (ff); fiôm (md).

**Secamone afzelii** (Schult.) K.Schum. (1896b) 234

Bas.: *Ichnocarpus afzelii* Schult. (1819) 399.

Syn.: *S. myrtifolia* Benth. (1849) 453.

Small woody climber, in woodland, savannah woodland, palm groves and on river banks.

mPhC – GC – N, S, B – fl: ix, x; fr: ix-iv

V.N.: m'bal (ba); pó-de-malila (cr); porécududu (fu); manara, manar-balé (nl).

**Tacazzea apiculata** Oliv. (1875) 108, t. 72

Syn.: *T. apiculata* var. *benedicta* Scott-Elliot (1894) 91.

Small woody climber, in woodland and on river banks.

mPhC – AfT – S, E – fl: vii

V.N.: sapaté (bf); nhandurrabo (bj); sapatè (cr); mancahaneidje, saporô (fu).

**Tylophora oculata** N.E.Br. (1895b) 112

Herbaceous climber, in woodland.

GeoC – GC – S

Species known only from bibliographic reference (Malaisse 1996).

#### AVICENNIACEAE – 1 genus; 1 species

FWTA 2nd ed. 2: 448–449; EPFAT 4: 528; FIS 1: 595–597.

A monogeneric pantropical family of trees and shrubs, closely related to the Verbenaceae. Some authors include the *Avicennia* genus in that family. *Avicennia germinans*, the only species found in West tropical Africa, occurs in the mangroves of both sides of the Atlantic Ocean.

**Avicennia germinans** (L.) L. (1764a) 891

Bas.: *Bontia germinans* L. (1759b) 1122.

Tree or shrub, in mangrove.

mPh – Aat – N, S, B – fl: i-xii; fr: i-xii

V.N.: ió, petá (ba); bufendê (individual plant), m'pendê (population) (bf); cobaca, cudjuno (bj); behelm, úle (cb); tarrafé, tarrafe (cr); cabêço, camangacú (fl); úle (mc); djibicum, tarafô, (md); pebadje, púle (mj); iófo (nl); búle (pp).

#### BALANITACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 363–364 (as Zygophyllaceae); EPFAT 1: 202.

A monogeneric pantropical family of trees and shrubs, closely related to the Zygophyllaceae. Some authors include the *Balanites* genus in that family.

**Balanites aegyptiaca** (L.) Delile (1813) 77

Bas.: *Ximenia aegyptiaca* L. (1753) 1194.

Shrub, in woodland.

mPh – Pal – E – fl: viii; fr: iv

#### BALANOPHORACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 666–667; EPFAT 2: 187–188; FIS 2: 17–18.

A small pantropical family of parasites, with only a few species in tropical Africa.

**Thonningia sanguinea** Vahl (1810) 125, t. 6

Perennial herb, parasite in the roots of trees, in woodland and riparian forest.

GeoP – AfT – N, S – fl: vii-xi

## BEGONIACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 216–220; EPFAT 1: 136–139; FIS 2: 28–29.

A tropical and subtropical family of herbs and shrubs.

**Begonia rostrata** Welw. ex Hook. f. (1871b) 578

Annual herb, in woodland.

Th – SZ – E – fl: x

## BIGNONIACEAE – 4 genera; 4 species

FWTA 2nd ed. 2: 383–388; EPFAT 4: 456–461; FIS 2: 31–68.

A tropical and subtropical family of trees, shrubs and lianas, most diverse in northern South America. The four species autochthonous in Guinea-Bissau are trees and shrubs found mainly in forest and woodland.

**Markhamia tomentosa** (Benth.) K. Schum. ex Engl. (1894a) 34

Bas.: *Spathodea tomentosa* Benth. (1849) 462.

Syn.: *M. sessilis* Sprague (1906) 526.

Tree or shrub, in forest and woodland.

mPh – GC/SZ – N, S – fl: viii-xi; fl&fr: xi; fr: iv

V.N.: boloitche (ba); n'álè (um-hálè) (fu).

**Newbouldia laevis** (P. Beauv.) Seem. (1863) 226

Bas.: *Spathodea laevis* P. Beauv. (1805) 48, t. 29.

Tree or shrub, in forest, woodland, savannah woodland and palm groves.

mPh – GC – N, S, E, B – fl: ii, iv, xii; fl&fr: ii-iv

V.N.: bugampal (bf); canhom, cassinconco (bj); manduco-de-feticero (cr); mânduk-difuti-siru (cs); succindè (ff); fugumpa (fs); canhómburi (fu); becuape (mj); singèle (nl); angade-tcharre (td).

**Spathodea campanulata** P. Beauv. (1805) 47, t. 27, 28

Tree, in riparian forest and on river banks; also planted as ornamental.

mPh – GC – S, E – fl: ix-i; fr: v

V.N.: piquério (ba); cafauano, culasseque, sun-cúndè (fu); sula-selô (md); teme (pp).

**Stereospermum kunthianum** Cham. (1832) 721

Small tree or shrub, in woodland and savannah woodland.

mph – AfT – N, S, E – fl: i, ii; fl&fr: iii; fr: xi

V.N.: buhobalbudjabu, buhobalebujambo (bf); mânduk-di-futi-séru (cs); meire, moire (md).

## BIXACEAE – 1 genus, introduced; 1 species, naturalized

FWTA 2nd ed. 1: 183; EPFAT 1: 122.

A neotropical monogeneric family of shrubs and trees. *Bixa orellana* is a species naturalized in West Africa, after ancient introduction.

**<sup>1</sup>Bixa orellana** L. (1753) 512

Shrub, planted as ornamental and sub-spontaneous.

mph – Pan(Am) – N, E – fl: ix; fr: xi

V.N.: djambaraná (fu); djanfaraná (md).

Introduced species, native to tropical America, used to obtain an orange-red dye from the seeds for colouring foods (annatto).

## BOMBACACEAE – 3 genera; 4 species

FWTA 2nd ed. 1: 332–335; EPFAT 1: 185–186; FIS 2: 69–88.

A small tropical family of medium to large trees, most of them from Southern American. In Guinea-Bissau the species are found in forest, woodland and savannah woodland. *Adansonia digitata* is planted in the villages because of its multiple uses and edible fruits.

**Adansonia digitata** L. (1759b) 1144

Large tree, occurring mainly planted in the villages.

MPh – AfT – N, S, B – fl: vi; fr: i, iv

V.N.: látè (ba); uáto (bj); cabaceira, cabacera, calabacera (cr); baobab, pain de singe (the fruit) (fr); bôê (fu); bedom-hal, burungule-burúnque (mc); citô (md); bebáque, bedom-hal, brungal (mj); m'béke (nl); burungule (pp); cabaceira, calabaceira (pt); kiri (ss).

**Bombax brevicuspe** Sprague (1909a) 306

Syn.: *Rhodognaphalon brevicuspe* (Sprague) Roberty (1953) 1404.

Tree reported only in Bissau, probably planted.  
mPh – G – N – fl: ix

**Bombax costatum** Pellegr. & Vuillet (1914) 88

Tree, in woodland and savannah woodland.

V.N.: bumbum, buíforè (ba); brêgue (bf); polóm-fidalgo, polóm-fôro, sumauma (cr); djóia, djôê (ff); djóia, djôê, luncum (fu); belofa (mc); buncum-ô (md); djóia, belofa (mj); ulófo (pp).

mPh – S – N, S, E – fl: xii-ii; fr: vi

**Ceiba pentandra** (L.) Gaertn. (1791) 244

Bas.: *Bombax pentandrum* L. (1753) 511.

Large tree, in forest, woodland, savannah woodland and on river banks.

V.N.: psáhê, pthae, rumbum (ba); brêgue (bf); cob-bê, fromager (bj); poilão, pylon, polóm (cr); bantanhe (ff, fu); pentene (mc); bantam-ô (md); péntia (mj); m'bath (nl); metchene, n'tene, untene (pp).

MPh – Pan – N, S, B – fl: ii, iii; fl&fr: ii; fr: iii, iv

## BORAGINACEAE – 4 genera, 1 introduced; 7 species, 1 introduced and naturalized

FWTA 2nd ed. 2: 317–325; EPFAT 4: 374–385; FIS 2: 91–124.

Quite a large family of herbs, shrubs, trees and some lianas, widespread in tropical, subtropical and temperate regions. Most of the species in the country are annual or perennial herbs found in savannah woodland, wet grass savannah and herbaceous steppe of the lateritic cuirasses. Some of them are ruderal and adventive in flooded rice fields. *Cordia myxa* is probably native to Asia but some authors consider this species as autochthonous in tropical Africa.

**Coldenia procumbens** L. (1753) 125

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – Pal – N, S – fr: ii, vi, xii

V.N.: onchelma (pp).

**<sup>1</sup>Cordia myxa** L. (1753) 190

Small tree, in savannah woodland and riparian forest.

mPh – Pal(As) – N, E – fl: iii; fr: iii, xii

V.N.: samadjô (md).

Species native to Asia Minor and Palestine, naturalized in Africa, after ancient introduction.

**Heliotropium baclei** DC. & A.DC. (1845) 546

Annual herb, in wet grass savannah; also in flooded rice fields and in disturbed areas.

Th – G – N, S, E, B – fl:vi-xi; fl&fr: i, vi, vii

V.N.: nhalé (md).

**Heliotropium indicum** L. (1753) 130

Annual herb, in wet grass savannah and temporary pools; also ruderal.

Th – Pan – N, S, E, B – fl&fr: x-v

**Heliotropium ovalifolium** Forssk. (1775) 38

Perennial herb, in coastal sands.

Hem – Pal – N – fl&fr: i

**Heliotropium strigosum** Willd. (1798) 743

Annual herb, in savannah woodland, wet grass savannah and herbaceous steppe of the lateritic cuirasses; also in flooded rice fields.

Th – Pal – S, E – fl: vi-viii; fl&fr: vi, viii

**Rotula aquatica** Lour. (1790) 121

Subshrub or small shrub, in savannah woodland, wet grass savannah and herbaceous steppe of lateritic cuirasses; also in flooded rice fields.

nph – Pan – E – fl&fr: ii, vi, xii; fr: v

## BURSERACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 694–697; EPFAT 2: 204–211; FIS 2: 127–139.

A small pantropical family of trees and shrubs, with only one representative in Guinea-Bissau.

**Canarium schweinfurthii** Engl. (1883) 145

Tree, in riparian forest and on river banks.

mPh – GC – N, E – fl: iii, iv; fr: iv, v

V.N.: modjetchalè (fu); oclanca (pp).

## CAPPARACEAE – 5 genera; 6 species

FWTA 2nd ed. 1: 86–95; EPFAT 1: 55–61; FIS 2: 169–230.

A medium-sized tropical and subtropical family of herbs, trees, shrubs, and some lianas. In the flora of Guinea-Bissau there are two annual herbs from disturbed places and four small-sized woody species found in forest, woodland, savannah woodland, riparian forest, river banks, palm groves and mangrove borders.

**Capparis erythrocarpos** Isert (1789) 334,

t. 9/3

Shrub, in forest, woodland, savannah woodland, riparian forest and mangrove borders.

mph – AfT – N, S, E, B – fl: ii, iii; fr: v, vi

V.N.: fertenin, simbus (ba); hamaghomoti, narara (fu); binherre (mc); neum, nheieu (nl); bre-rem-mela-n'sata (= monkey lemon) (pp).

**Cleome gynandra** L. (1753) 671Syn.: *Gynandropsis gynandra* (L.) Briq. (1914) 382.

Annual herb, ruderal.

Th – Pan – E – fr: vii

**Cleome viscosa** L. (1753) 672

Annual herb, in rainfed crops and other disturbed areas.

Th – Pan(Pal) – S – fl&amp;fr: vii; fr: viii

**Crateva adansonii** DC. subsp. **adansonii**

(1824) 243

Syn.: *Crateva guineensis* Schumach. & Thonn. (1827) 240.

Small tree, in riparian forest and on river banks.

mph – Pal – N, E – fl: iii

V.N.: pó-de-bola (cr).

**Maerua duchesnei** (De Wild.) F. White (1958)

35

Bas.: *Capparis duchesnei* De Wild. (1905) 87.Syn.: *Ritchiea duchesnei* (De Wild.) Keay (1952) 161; *Capparis afzelii* Pax (1891) 299.

Shrub or small tree, in forest, woodland and along river banks.

mph – SGC – S – fl: xi-iv; fl&amp;fr: iv; fr: iv-vi

V.N.: maéf, maief (nl).

**Ritchiea capparoides** (Andrews) Britten var. **capparoides** (1917) 279Bas.: *Crataeva capparoides* Andrews (1801) 176.Syn.: *R. longipedicellata* Gilg (1903) 211.

Shrub or liana, in forest, woodland, savannah woodland, riparian forest and palm groves.

mFanL – AfT – N, S, B – fl: ii-iv; fr: iii-vi

V.N.: ionrab (ba); nocunoduco (bj); bussámáeba (fl); manar-balé (nl).

## CARYOPHYLLACEAE – 2 genera; 7 species and varieties

FWTA 2nd ed. 1: 129–132; EPFAT 1: 82–86; FIS 2: 239–257.

A large family of herbaceous plants, widespread but more diverse in the temperate and warm regions of the Northern Hemisphere, especially in the Mediterranean basin. The seven taxa found in Guinea-Bissau are annual or perennial herbs occurring in several kinds of dry, wet and moderately saline habitats, such as woodland, savannah woodland, palm groves, herbaceous steppe, mangrove borders, coastal sands, river banks and edges of small lakes and temporary pools. Some of them are also ruderal and adventive in cultures.

**Polycarpaea corymbosa** (L.) Lam. (1797) 129Bas.: *Achyranthes corymbosa* L. (1753) 205.

Annual herb, in savannah woodland and herbaceous steppe of the lateritic cuirasses; also in rainfed crops.

Th – Pan – E – fl: x; fl&amp;fr: xi; fr: xii

V.N.: wunhuho (fu); mama-cúncoe (pj).

**Polycarpaea eriantha** Hochst. ex A.Rich. var. **eriantha** (1848) 303

Annual herb, in savannah woodland, palm groves and wet grass savannah; also ruderal.

Th – AfT – E, B – fl: ix, x; fl&amp;fr: ix-xii; fr: i

V.N.: mama-cuncoe (pj).

**Polycarpaea glabrifolia** DC. (1828) 374

Annual herb, in coastal sands.

Th – G – N – fl&amp;fr: xii

**Polycarpaea linearifolia** (DC.) DC. (1828) 374Bas.: *Paronychia linearifolia* DC. (1804) 26.

Annual herb, in mangrove borders and coastal sands.

Th – AfT – N, B – fl: x-i

**Polycarpaea tenuifolia** (Willd.) DC. (1828) 374Bas.: *Achyranthes tenuifolia* Willd. (1798) 1196.

Annual herb, in savannah woodland and herbaceous steppe of the lateritic cuirasses.

Th – AfT – S, E – fl: viii-ii

**Polycarpon prostratum** cf. var. **littorale** J. & A. Raynal (1967) 310

Perennial herb, in small lake margins.

Hem – S? – B – fl: v

**Polycarpon prostratum** (Forssk.) Asch. & Schweinf. ex Asch. var. **prostratum** (1889) 128Bas.: *Alsine prostrata* Forssk. (1775) 207.

Perennial herb, in wet grass savannah, on river banks and temporary pools; also in the margins of flooded rice fields.

Hem – Pan – N, S, E, B – fl: v-vii; fl&amp;fr: v; fr: i-vi

V.N.: papecubéré, pôlu-úh (ba); timintimind-jambo (md).

## CECROPIACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 613–616; EPFAT 2: 141–142; FIS 6: 503–504 (as Moraceae in all cases).

A small family of trees and shrubs occurring in Africa and South America, sometimes included in the Moraceae.

**Myrianthus serratus** (Trécul) Benth. & Hook.f. var. **serratus** (1880) 379 ‘*serrata*’Bas.: *Dicranostachys serrata* Trécul (1847) 85, t. 1.

Shrub or tree, in forest, riparian forest and river banks.

mPh – GC – S, E

V.N.: bedangandjol (bf).

## CELASTRACEAE (including HIPPOCRATEACEAE) – 7 genera; 9 species

FWTA 2nd ed. 1: 623–634; EPFAT 2: 147–150; FIS 2: 263–285.

A family of trees, shrubs and lianas, widespread in tropical and subtropical regions, with some genera extending into temperate areas. The nine species found in Guinea-Bissau are shrubs and woody climbers occurring mostly in forest, woodland and savannah woodland as well as in palm groves, mangrove borders, coastal sands and on river banks.

**Apodostigma pallens** (Planch. ex Oliv.)R. Wilczek var. **pallens** (1956) 403Bas.: *Hippocratea pallens* Planch. ex Oliv. (1868) 367.

Woody climber, in forest and riparian forest.

mfanL – AfT – N, S, E – fl: iii, iv, vi

**Loeseneriella africana** var. **richardiana** (Cambess. ex A. St.-Hil.) N. Hallé (1958) 100Bas.: *Hippocratea richardiana* Cambess. ex A. St.-Hil. (1829) 102.Syn.: *H. africana* var. *richardiana* (Cambess. ex A. St.-Hil.) N. Robson (1965) 52.

Woody climber or shrub, in woodland, mangrove borders and coastal sands.

mph(C) – AfT – N, S – fl&amp;fr: ii, iv

V.N.: onchom (mj).

**Maytenus senegalensis** (Lam.) Exell ex Exell & Mendonça (1952) 223

Bas.: *Celastrus senegalensis* Lam. (1783) 661.  
Syn.: *Gymnosporia senegalensis* (Lam.) Loes. (1893) 541.

Shrub, in savannah woodland, wet grass savannah and on river banks.

mph – SZ – N, E – fl: iv, xii; fl&fr: iv; fr: i, ii, vi

V.N.: guiel-gotel (fu).

**Pristimera paniculata** (Vahl) N.Hallé (1981) 8

Bas.: *Hippocratea paniculata* Vahl (1805) 28.  
Syn.: *Simirestis paniculata* (Vahl) N.Hallé (1958) 71.

Woody climber, in forest and riparian forest.

mPh – GC – N, S – fl: iv; fl&fr: i, iv; fr: xii  
V.N.: quélissá (fu).

**Reissantia indica** var. **loeseneriana** (Hutch. & M.B.Moss) N.Hallé (1958) 82

Bas.: *Hippocratea loeseneriana* Hutch. & M.B. Moss (1929) 21.

Shrub or woody climber, in forest, woodland, savannah woodland, riparian forest and palm groves.

mph/mPhC – Pal – N, S – fl: v, viii; fr: i, ii

**Salacia debilis** (G.Don) Walp. (1842) 402

Bas.: *Calypto debilis* G.Don (1831) 629.

Woody climber, in forest and riparian forest.

mPhC – GC – N, S – fl: iii; fr: v, vi

**Salacia erecta** (G.Don) Walp. (1842) 402

Bas.: *Calypto erecta* G.Don (1831) 629.

Shrub or woody climber, in palm groves.

mph – AfT – N

**Salacia senegalensis** (Lam.) DC. (1824) 570

Bas.: *Hippocratea senegalensis* Lam. (1791) 101.

Shrub or woody climber, in forest, woodland, savannah woodland and palm groves.

mph(C) – GC – N, S, E, B – fl: x-v; fr: xii-vi

V.N.: blandé, blanhè, blende, lenda (ba); epo, lédjêdja, neguêdja (the fruit), nepo (the fruit) (bj); mancuba, mancúbaru, mancubaru, manubam, mèzinho-grande, momboli (cr); mánkobând (cs); fugene, futchuncorô (fs); porécududo, suncurô-fólè, ulbo (fu); suncurô-fólèò (md); becubar (mj); mambumba, mankidés, umbol (nl); kinkirisá (ss); mangangarasse (td).

**Simicratea welwitschii** (Oliv.) N.Hallé (1983) 20, t. 4

Bas.: *Hippocratea welwitschii* Oliv. (1868) 367.

Woody climber, in forest, woodland, riparian forest, on river banks and palm groves.

mphC – GC – S, E – fl: iv-vii; fr: i; fl&fr: ix

#### CERATOPHYLLACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 65; EPFAT 1: 46–47; FIS 2: 286–287.

A monogeneric cosmopolitan family of freshwater aquatic herbs.

**Ceratophyllum demersum** L. (1753) 992

Perennial submerged aquatic herb, in rivers.

Hyd – Cos – E – fr: xi

#### CHRYSOBALANACEAE – 3 genera; 5 species

FWTA 2nd ed. 1: 426–433 (in the Rosaceae); EPFAT 2: 13–16.

A family of trees and shrubs, of the lowlands of tropical and subtropical regions. The three *Parinari* species occur in forests and woodlands. *Chrysobalanus icaco* and *Neocarya macrophylla* seems to prefer wet habitats, like small lakes margins, mangrove borders, wet grass savannah and coastal sands.

**Chrysobalanus icaco** L. subsp. **icaco** (1753) 513

Syn.: *C. orbicularis* Schumach. (1827) 232;  
*C. ellipticus* Sol. ex Sabine (1824) 453.

Shrub or small tree, in woodland, savannah woodland, small lakes margins, mangrove borders and coastal sands.

mph – AfAm – N, S, B – fl: x-iii; fl&fr: xii-vi;  
fr: i, viii

V.N.: ebenga, ebenha, énhapitche (bj); bôpace (mj).

**Neocarya macrophylla** (Sabine) Prance ex F. White (1976) 308

Bas.: *Parinari macrophylla* Sabine (1824) 452.  
Syn.: *Parinari senegalensis* Perr. ex DC. (1825a) 257.

Tree or shrub, in woodland, savannah woodland, palm groves, wet grass savannah and coastal sands.

mPh – S – N, S, E, B – fl: xii-v; fl&fr: viii, i, iv; fr: ix-i

V.N.: n'bute, umbatú, n'djapô, téhè (ba); bufângha (bf); nórônóródó, nororodo, orodjô (bj); mampatace-grande, tamankumba, tambacumba (cr); cura-bussuma (ff); bio, quió (the fruit) (fl); batè (fs); curanaco, nando, náudo (fu); bénôbénô, bitiaque, menau (mc, mj); tambacumba (md); mavéu (nl); bansumá (ss).

**Parinari congensis** Didr. (1854) 197

Syn.: *P. subcordata* Oliv. (1871) 367.

Tree, in woodland and savannah woodland.

mPh – GC – E – fl&fr: iii

**Parinari curatellifolia** Planch. ex Benth. (1849) 333

Tree or shrub in woodland and savannah woodland.

mPh – AfT – N, E – fl: iii-vi; fr: ix

V.N.: mámpara-djom-áe (fu).

**Parinari excelsa** Sabine (1824) 451

Large tree, in forest, woodland, savannah woodland and palm groves.

MPh – AfAm – N, S, E, B – fl: viii-ii; fl&fr: i, iv; fr: ix-ii

V.N.: meile, n'djano, pilé, undiano (ba); bussol, mantchoul (the fruit) (bf); kankenom (the fruit), nhêg-cuneme, uguene, ukenom (bj); mampatace, mampatás, mampataz (cr); cura (ff); bionai (fs); cura, curanaco (fu); minquela (mc); mampatá (md); bitchalame, n'tchalame (mj); lút (nl); minquelma (pp); sugé (ss); atchaguisse (td).

#### COCHLOSPERMACEAE – 1 genus; 2 species

FWTA 2nd ed. 1: 183–185; EPFAT 1: 121–122; FIS 2: 311–312.

A small family of tropical trees and shrubs, with two species in the country.

**Cochlospermum planchonii** Hook. f. ex Planch. (1847) 309

Subshrub, in woodland and savannah woodland.

Geo – S – S – fl: xi

V.N.: bundola (bf); mèzinho-grande (cr); djándérè (fu).

**Cochlospermum tinctorium** Perr. ex A. Rich. (1831) 99, t. 21

Subshrub, in woodland and savannah woodland.

Geo – SG – N, S, E – fl: x-ii; fl&fr: iii

V.N.: bundola (bf); mèzinho-grande (cr); djándérè (ff); djándérè, tirbom (fu); borbá (md).

#### COMBRETACEAE – 6 genera; 27 species, subspecies and varieties

FWTA 2nd ed. 1: 264–280; EPFAT 1: 160–166; FIS 2: 319–416.

A pantropical family of trees, shrubs and lianas. *Combretum* with 18 autochthonous taxa, and *Terminalia* with 5, are the most representative genera of this family in the country. Most of the species, principally of shrubs and small trees are found in woodland and savannah woodland. Conversely, the woody climbers are more common in forest, riparian forest and palm groves. *Laguncularia racemosa* is a typical mangrove species and *Conocarpus erectus* and *Terminalia scutifera* are found in mangrove borders. A species common in West Africa, *Anogeissus leiocarpus*, was not yet recorded in the country.

**Combretum adenogonium** Steud. ex A. Rich. (1848) 266

Syn.: *C. fragrans* F. Hoffm. (1889) 31; *C. ghasalense* Engl. & Diels (1899) 47, t. 15B;

*C. dalzielii* Hutch. (1927) 221.

Shrub or tree, in woodland and savannah woodland.

mPh – AfT – N, S, E – fl: ii, iii; fr: iv, vi, xi

V.N.: djambacatã (bf); bané, djambacatam (fu); jambacatá (cr); djambacatam-ô, djambacatam-quéo (md).

**Combretum bipindense** Engl. & Diels (1899)  
77

Shrub or woody climber, in forest.  
mPh(C) – G – S

**Combretum collinum** subsp. **binderianum**  
(Kotschy) Okafor (1967) 141

Bas.: *C. binderianum* Kotschy (1865) 363, t. 5.  
Shrub, in woodland and savannah woodland.  
mph – AfT – N, E – fr: i, xi  
V.N.: djambacatã (bf); doque-debe (fu).

**Combretum collinum** subsp. **geitonophyllum**  
(Diels) Okafor (1967) 140

Bas.: *C. geitonophyllum* Diels (1907) 495.  
Syn.: *C. lamprocarpum* Diels (1907) 500.  
Shrub or small tree, in woodland and savannah woodland.  
mph – SG – N, S, E – fl: ii, v; fl&fr: i, ix; fr: ix-i  
V.N.: bierrequêtê (bf); djambacatã (fu); hire-moussôlo, madifô (md).

**Combretum collinum** subsp. **hypopilinum**  
(Diels) Okafor (1967) 142

Bas.: *C. hypopilinum* Diels (1907) 497.  
Shrub or small tree, in savannah woodland.  
mph – SG – E – fl: ii

**Combretum conchipetalum** Engl. & Diels  
(1899) 22

Syn.: *C. afzelii* Engl. & Diels (1899) 22.  
Woody climber, in riparian forest.  
mPhC – GC – N – fl: xi

**Combretum glutinosum** Perr. ex DC. (1828)  
21

Woody climber, in woodland and savannah woodland.  
mPhC – GC – N, E – fl: xii; fl & fr: ii; fr: iv  
V.N.: djambacatã (ff).

**Combretum grandiflorum** G. Don (1824) 346  
Woody climber, in forest, woodland, riparian forest and palm groves.

mPhC – G – N, S, E, B – fl: x-xii; fl&fr: i, xi; fr: i, xii  
V.N.: bumidi (bf); malila-d'água (cr); djambacatã (ff); djacumãe, pelae-djacumãê (fl); cundjamburô (fu); djacumãe (pp).

**Combretum lecardii** Engl. & Diels (1899) 73

Shrub or small tree, in woodland and savannah woodland.  
mph – G – N, E – fl: i, ii; fl&fr: iii

V.N.: piroriem (ba); contcham-tchalon (= birds wine) (fu); condundidló, cundundim-ô (md).

**Combretum micranthum** G. Don (1824) 347

Shrub, small tree or woody climber, in woodland, savannah woodland, riparian forest and palm groves.

mph/mPhC – SG – N, S, E, B – fl: v, vi; fr: ix-iv

V.N.: bsálá, p'sangla (ba); upatocuma (bj); buco, café, café-bravo, chá-de-buco (cr); bôk, bu-ok, kinkélib, (cs); cancaliba (ff); buchicabu (fl); butique (fs); canquelibá, quem-quelebá, tade (fu); buôque (mc); barcolomô, cancalibá (md); buco (mj); n'babass (nl); buéco (pp); buko (ss); ambate (td).

**Combretum molle** R. Br. ex G. Don (1827) 431

Shrub or small tree, in woodland and savannah woodland.  
mph – AfT – E – fr: iii

**Combretum mucronatum** Thonn. ex  
Schumach. (1827) 184

Syn.: *C. smeathmanii* G. Don (1827) 425.  
Shrub or woody climber, in forest and riparian forest.  
mph – GC/SZ – N, S, E, B – fl: i, ii; fl&fr: ii; fr: ii-v  
V.N.: iári-sáfi-bátê (ff).

**Combretum nigricans** var. **elliottii** (Engl. & Diels) Aubrév. (1944) 30

Bas.: *C. elliottii* Engl. & Diels (1899) 42.  
Small tree or shrub, in woodland and savannah woodland.

mph – S – N, S, E, B – fl: v, vi; fl&fr: v; fr: i-xii

V.N.: betne (ba); betne, bunro (bf); pau-de-pilão (cr); buidé, dodje-gorê, úidê (fu); djambacatã-ô (md); atchelogon, tchelogom (td).

**Combretum nigricans** Lepr. ex Guill. & Perr.  
var. **nigricans** (1833) 290

Small tree or shrub, in woodland.

mph – S – E – fr: i

V.N.: cancalibá (md).

**Combretum niroense** Aubrév. ex Keay  
(1953b) 290

Shrub, in savannah woodland.

mph – S – S – fr: iii



**Combretum paniculatum** Vent. (1808) t. 58.  
Shrub or woody climber, in forest, woodland  
and savannah woodland.  
mph(C) – AfT – N, S, B – fl: i-vi; fl&fr: ii-iv;  
fr: ii-v  
V.N.: n'kambam (nl).

**Combretum racemosum** P.Beauv. (1820) 90,  
t. 118  
Shrub or woody climber, in forest and palm  
groves.  
mph/mPhC – AfT – N, S, E – fl: i, xii; fl&fr:  
iii; fr: ii  
V.N.: cototura (md).

**Combretum tomentosum** G.Don (1824) 346  
Woody climber or shrub, in forest, woodland,  
savannah woodland, riparian forest and  
palm groves.  
mPhC/mph – SG – N, S, E, B – fl: i-iv; fl&fr:  
iv, vi; fr: v  
V.N.: iári-sáfi (ff); canquelibá-déo (fu); masoko  
(nl); ulô (pp).

**Conocarpus erectus** L. (1753) 176  
Shrub in mangrove and mangrove edges.  
mph – AfAm – N, S, B – fl: ii, iii; fl&fr: x-ii;  
fr: iv

**Guiera senegalensis** J.F.Gmel. (1791) 675  
Shrub, in woodland and savannah woodland;  
also ruderal.  
mph – SS – N, S, E, B – fl: i, ii; fl&fr: xii-iii;  
fr: iv  
V.N.: biôcé, bionsi, biussi, iuci (ba); budôssosse  
(bf); carrere (bj); badô-dôce, badodosso,  
badôsdôce, badossôso, paundoce (cr);  
babodos, badosdos, bu-rusu (cs); elóco (fl);  
fufumuco (fs); elode, guêlodi, helócò, (fu);  
bissem-nhatam, bissom-aptchom, bitchiante  
(mc); bissem-antchom, bissilintche, bitchi-  
ante (mj); manafenafém, ntáfine (nl); mama-  
koikoi (ss).

**Laguncularia racemosa** (L.) C.F.Gaertn.  
(1807) 209, t. 217  
Bas.: *Conocarpus racemosus* L. (1759b) 930.  
Shrub in mangrove and mangrove edges.  
mph – Aat – N, S, E, B – fl: iv, vi; fl&fr: x, xi;  
fr: vi, xi-ii  
V.N.: còngé (ba); bufendê (plant), m'pendê (po-  
pulation) (bf); tarafe, tarrafe-preto (cr); caba-  
guela, cahaguela (fl); pfeque (mj); n'concom,  
unconcom (nl); btêque, oellha (pp).

**Pteleopsis suberosa** Engl. & Diels ex Diels  
(1907) 509  
Shrub or small tree, in savannah woodland.  
mph – SG – E – fl: ix, xi; fl&fr: xii; fr: xii

**Terminalia albida** Scott-Elliot (1894) 79  
Tree, in woodland and savannah woodland.  
mPh – SG – N, S, E, B – fl: v; fr: xii-vi  
V.N.: cabuto (bj); furanfã (fs); sirafitom (md);  
n'tangunha (nl).

**Terminalia avicennioides** Guill. & Perr. (1832)  
277, t. 64  
Tree or shrub, in woodland and savannah wood-  
land.  
mPh – SG – N, S, E – fl: ii, iv; fl&fr: iii; fr:  
iv, v  
V.N.: culume (fu); sirá-fitom, sirafitom (md).

**Terminalia laxiflora** Engl. & Diels (1900) 12,  
f. 2/B  
Tree or shrub, in woodland and savannah wood-  
land.  
mPh – SG – N, S, E – fl: iv; fr: xi-i

**Terminalia macroptera** Guill. & Perr. (1832)  
276, t. 63  
Tree or shrub in woodland, savannah woodland  
and wet grass savannah; also in rainfed  
crops.  
mPh – S – N, S, E, B – fr: i-iv  
V.N.: fadi (ba); bulofôr (bf); karkone, macete,  
macite (cr); djamba-catam (ff); bóde, bóí  
(fu); bolóbô (mc); hólô-fôro (md); betáli,  
betcháli, betêlêdje, braqui, têtêjê (mj); n'kone  
(nl); n'túlam, untulam (pp).

**Terminalia scutifera** Planch. ex M.A.Lawson  
(1871) 417  
Tree, in mangrove borders.  
mPh – G – N, S, E, B – fl: i-vi; fl&fr: iv, vi;  
fr: iv-x  
V.N.: cabor, epadum (bj); salangue (cr).

COMPOSITAE (ASTERACEAE) – 29 genera, 2 introduced;  
44 species, 2 introduced and naturalized

FWTA 2nd ed. 2: 225–297; EPFAT 4: 242–351; FIS 2: 419–663.

One of the largest families of flowering plants includes herbs, shrubs and small trees from all over the world. In the flora of Guinea-Bissau most of its species are herbs, annual or perennial. Only *Microglossa pyrifolia*, *Vernonia colorata* and *V. tenoreana* are shrubs. Most of the species seems to prefer open and sunny habitats, dry as woodland and savannah woodland, wet as river banks and wet grass savannah or saline as mangrove borders and coastal sands. Several species are ruderals and adventives in rainfed cultures and flooded rice fields. The two introduced and naturalized species, both native to America, are also ruderals and adventives in rainfed cultures.

**<sup>1</sup>Acanthospermum hispidum** DC. (1836) 522  
Annual herb, adventive in flooded rice fields,  
rainfed crops and other disturbed areas.

Th – Pan(Am) – N, E, B – fl&fr: x; fr: ix-xii  
V.N.: misquito, singuir (ba); búlè-n`baba, um-  
baba (ff); n`arè-sáquè, nhara-sequedo, nhara-  
sequem, nharesequè, nhari-seque, um-nhàrè-  
sáquè (fu); berentam-ô (md); buchigado (pp);  
manguera-górè (ss).

Introduced species, native to tropical America.

**Acmella uliginosa** (Sw.) Cass. (1822) 331  
Bas.: *Spilanthes uliginosa* Sw. (1788) 110.

Annual herb, in wet grass savannah; also in  
flooded rice fields, rainfed crops and other  
disturbed areas.

Th – AfAm – S, E – fl: vi; fl&fr: vi, x-ii

**Adelostigma senegalense** Benth. (1873) t. 1144  
Annual herb, in herbaceous steppe of the lateritic  
cuirasses.

Th – G – E – fl&fr: xii

**Adenostema perrottetii** DC. (1836) 110  
Annual herb, in woodland and on river banks.  
Th – AfT – N – fl: i, xi

**Aedesia glabra** (Klatt) O. Hoffm. (1898) 468  
Bas.: *Bojeria glabra* Klatt (1873) 364.  
Syn.: *A. baumannii* O. Hoffm. (1898) 468.  
Perennial herb, in woodland and savannah  
woodland.

Hem – GC – S – fr: xi

V.N.: n`ksokor (nl); titamba (ss).

**Ageratum conyzoides** L. (1753) 839  
Annual herb, in wet grass savannah and on river  
banks; also in flooded rice fields, rainfed  
crops and other disturbed places.

Th – Pan – N, S, E, B – fl: v, xii; fl&fr: i-xii

V.N.: balquiana, balquiana (cr); lulubyé  
(cs); quiçala-pùrè (ff); laboel, luboel (fu);  
bóróbórò-mencheda, tétéco (md).

**Aspilia africana** (Pers.) C.D. Adams subsp.  
**africana** (1956) 236

Bas.: *Wedelia africana* Pers. (1807) 490.

Annual herb, in savannah woodland.

Th – GC – E – fl&fr: ix

**Aspilia ciliata** (Schumach.) Wild (1967) 41  
Bas.: *Verbesina ciliata* Schumach. (1827) 391.  
Syn.: *Blainvillea prieuriana* DC. (1836) 492;  
*Aspilia helianthoides* subsp. *ciliata* (Schu-  
mach.) C.D. Adams (1956) 245; *A. helian-  
thoides* subsp. *prieuriana* (DC.) C.D. Adams  
(1956) 246.

Annual herb, in woodland and savannah wood-  
land.

Th – GC – N, S, E, B – fl&fr: vii-i

**Aspilia kotschyi** (Sch. Bip. ex Hochst.) Oliv.  
(1873) 98

Bas.: *Dipterotheca kotschyi* Sch. Bip. ex Hochst.  
(1842) 435.

Annual herb, in woodland and savannah wood-  
land.

Th – AfT – B – fl&fr: x

**Bidens borianiana** (Sch. Bip. ex Schweinf.)  
Cufod. (1967) 1136

Bas.: *Coreopsis borianiana* Sch. Bip. ex  
Schweinf. (1868a) 684.

Syn.: *Coreopsis guineensis* Oliv. & Hiern (1877)  
390.

Annual herb, in savannah woodland; also  
ruderal.

Th – SG – E – fl: x, xi

**Bidens engleri** O.E. Schulz (1914) 186

Annual herb, in woodland, riparian forest, palm  
groves and on river banks; also in rainfed  
crops.

Th – G – N, S, E, B – fl&fr: x; fl: x, xi

**Blumea axillaris** (Lam.) DC. (1836) 434

Bas.: *Conyza axillaris* Lam. (1786) 84.

Syn.: *B. perrottetiana* DC. (1836) 443.

Annual herb, in rainfed crops. (Probably also in savannah woodland.)

Th – G – N – fl: i

**Blumea crispata** (Vahl) Merxm. ex Merxm. & Roessler var. **crispata** (1984) 7

Bas.: *Conyza crispata* Vahl (1790) 71.

Syn.: *Laggera alata* (D. Don) Sch.Bip. ex Oliv. (1873) 94.

Annual herb, in wet grass savannah.

Th – AfT – N, S – fl&fr: i

**Blumea viscosa** (Mill.) D'Arcy (1975) 5

Bas.: *Conyza viscosa* Mill. (1768) n° 8.

Syn.: *B. aurita* (L.f.) DC. (1834) 16.

Annual herb, in wet grass savannah, mangrove borders and coastal sands; also in rainfed crops and other disturbed areas.

Th – Pal – N, S, E – fl: ii; fl&fr: iv; fr: i-iv

V.N.: ompempene, umpempene (pp).

**Centaurea perrottetii** DC. (1837) 598

Perennial herb on coastal sands.

Hem – SS – N – fl&fr: i, viii; fr: xii

**Conyza aegyptiaca** (L.) Aiton var. **aegyptiaca** (1789c) 183

Bas.: *Erigeron aegyptiacum* L. (1767b) 112.

Annual herb, in wet grass savannah.

Th – Pal – N – fl&fr: iv

**Crassocephalum picridifolium** (DC.) S. Moore (1912) 212

Bas.: *Senecio picridifolius* DC. (1837) 386.

Annual herb, in wet grass savannah.

Th – AfT – N – fl: x, xi

**Crassocephalum rubens** (Juss. ex Jacq.)

S. Moore (1912) 212

Bas.: *Senecio rubens* Juss. ex Jacq. (1777) 50, t. 98.

Annual herb, in rainfed crops. (Probably also in savannah woodland.)

Th – GC – S – fl&fr: ix, x

**Crassocephalum sarcobasis** (DC.) S. Moore (1912) 211

Bas.: *Gynura sarcobasis* DC. (1837) 300.

Annual herb, along river banks.

Th – AfT – S – fl&fr: xi

**Eclipta prostrata** (L.) L. (1771) 286

Bas.: *Verbesina prostrata* L. (1753) 902.

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – Pan – S, E – fl&fr: vi, x

**Elephantopus mollis** Kunth (1820) 20

Perennial herb, ruderal, naturalized in savannah woodland, palm groves and wet grass savannah; also in disturbed areas.

Hem – Pan(Am) – S, E, B – fl: x, xi; fl&fr: x, xi

Species native to tropical America, introduced in Africa and Asia.

**Emilia sonchifolia** (L.) DC. ex Wight (1834) 24

Bas.: *Cacalia sonchifolia* L. (1753) 835.

Annual herb, in flooded rice fields and rainfed crops.

Th – Pan – N, S, E – fl: viii, x; fl&fr: v, xii

**Ethulia conyzoides** L.f. (1762) 1, t. 1

Annual herb, in flooded rice fields and rainfed crops.

Th – Pan – N, E – fl: x-xii; fl&fr: xii-ii

V.N.: luboel, sócora-bátè (fu).

**Grangea ceruanoides** Cass. (1821) 307

Syn.: *Microtrichia perrottetii* DC. (1836) 336.

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – SG – N, S – fl: vi; fl&fr: ii, v

**Grangea maderaspatana** (L.) Poir. (1812) 825

Bas.: *Artemisia maderaspatana* L. (1753) 849.

Annual herb, in wet grass savannah, river and small lake margins and temporary pools; also in flooded rice fields.

Th – SG – N, S, E, B – fl: iv, v; fl&fr: xii-vi

**Herderia truncata** Cass. (1830) 599

Annual herb, in wet grass savannah and river banks.

Th – SG – E – fl: vi

**Melanthera gambica** Hutch. & Dalziel (1931) 146

Annual herb, in woodland, savannah woodland and wet grass savannah; also in flooded rice fields and rainfed crops.

Th – G – N, S, E – fl&fr: vi-x; fr: xi

**Microglossa pyrifolia** (Lam.) Kuntze (1891a) 353

Bas.: *Conyza pyrifolia* Lam. (1786) 89.

Small shrub, in forest, palm groves, wet grass savannah and on river banks.

nph – Pal – N, S, B – fl&fr: ii-iv

- Mikania cordata** (Burm.f.) B.L.Rob. var. **cordata** (1934) 65  
 Bas.: *Eupatorium cordatum* Burm.f. (1768) 176, t. 58, f. 2.  
 Perennial climbing herb, in forest, woodland, savannah woodland, palm groves, wet grass savannah and small lake margins; also in flooded rice fields.  
 HemC – Pal – N, S, E, B – fl: x-i; fl&fr: xii; fr: xi  
 V.N.: fricoiò (md).
- Pentanema indicum** (L.) Ling (1965) 179  
 Bas.: *Inula indica* L. (1763) 1834.  
 Syn.: *Vicoa leptoclada* (Webb) Dandy ex F.W.Andrews (1956) 62; *Vicoa indica* (L.) DC. (1834) 10.  
 Annual herb, in woodland and savannah woodland; also in rainfed crops and other disturbed areas.  
 Th – Pal – E – fl&fr: xii, i
- Pleiotaxis chlorolepis** C.Jeffrey (1967) 184  
 Perennial herb, in savannah woodland.  
 Hem – GC – E – fl: ix-xi
- Porphyrostemma chevalieri** (O.Hoffm.) Hutch. & Dalziel (1931) 158  
 Bas.: *Porphyrostemma grantii* var. *chevalieri* O.Hoffm. (1908) 41.  
 Annual herb, in wet grass savannah and coastal sands.  
 Th – AfT – N – fl: xi
- Sclerocarpus africanus** Jacq. ex Murray (1784) 783  
 Annual herb, in rainfed crops.  
 Th – Pan – N – fr: ix
- Sparganophorus sparganophora** (L.) C.Jeffrey (1988) 272  
 Bas.: *Ethulia sparganophora* L. (1763) 1171.  
 Syn.: *Struchium sparganophora* (L.) Kuntze (1891a) 366.  
 Perennial herb, in wet grass savannah.  
 Hem – Pan – N – fl&fr: iii
- Sphaeranthus senegalensis** DC. (1836) 370  
 Annual herb in palm groves; also in flooded rice fields, rainfed crops and other disturbed areas.  
 Th – Pal – N, S, E, B – fl: xii-vi  
 V.N.: luboyé (cs); mtobotubé (fs); dépè (fu); potororô (md).
- Synedrella nodiflora** Gaertn. (1791) 456, t. 171  
 Annual herb, in savannah woodland; also in rainfed crops and other disturbed areas.  
 Th – Pan – N, S, E – fl: xi; fl&fr: x-xii
- Vernonia ambigua** Kotschy & Peyr. (1867) 35, t. 17B  
 Annual herb, in savannah woodland; also in rainfed crops and other disturbed areas.  
 Th – SGC – N, E – fl: xi-i; fl&fr: xi, i
- Vernonia cinerea** (L.) Less. (1829) 291  
 Bas.: *Conyza cinerea* L. (1763) 1208.  
 Syn.: *Cyanthillium cinereum* (L.) H.Rob. (1990) 252.  
 Annual herb, in woodland, savannah woodland and palm groves; also in flooded rice fields, rainfed crops and other disturbed areas.  
 Th – Pan(Pal) – N, S – fl: xi; fl&fr: x-iv
- Vernonia colorata** (Willd.) Drake (1899) 466  
 Bas.: *Eupatorium coloratum* Willd. (1804) 1768.  
 Shrub, in woodland and mangrove borders; also ruderal.  
 mph – AfT – N, S, E, B – fl: xii; fl&fr: xii-iv  
 V.N.: pó-de-sabom, sucudera (cr); dafuy (cs); bantaraburúré, nabi (fu); bantara-burúré, nabicôssô, nebicôssô (md); benitaha, umpimpia (mj); pampae-gôfe (pp).
- Vernonia galamensis** (Cass.) Less. (1829) 314  
 Bas.: *Centrapalus galamensis* Cass. (1817) 383.  
 Syn.: *V. pauciflora* (Willd.) Less. (1829) 292.  
 Annual herb, in woodland and savannah woodland; also in flooded rice fields, rainfed crops and other disturbed areas.  
 Th – AfT – N, S, E – fl: xii; fl&fr: xii-iv
- Vernonia nigritana** Oliv. & Hiern (1877) 288  
 Perennial herb, in woodland and savannah woodland; also in rainfed crops.  
 Hem – SG – N, S, E – fl: ix-xii; fl&fr: i, xii  
 V.N.: birre-djom (fu); cúmarô-túrô (md).
- Vernonia perrottetii** Sch. Bip. ex Walp. (1843) 947  
 Annual herb, in woodland; also in rainfed crops and other disturbed areas.  
 Th – SZ – N, E – fl: xi-i  
 V.N.: patotorô (md).
- Vernonia purpurea** Sch. Bip. ex Walp. (1843) 946  
 Perennial herb, in savannah woodland.  
 Hem – AfT – E – fl: ix, xi

**Vernonia tenoreana** Oliv. (1873) 92

Shrub, in savannah woodland, riparian forest, wet grass savannah and herbaceous steppe of the lateritic cuirasses.

nph – G – S, E – fl&fr: iv, x-xii; fr: ii

## CONNARACEAE – 4 genera; 8 species

FWTA 2nd ed. 1: 739–747; EPFAT 2: 230–233; FIS 3: 15–41.

A pantropical family of trees, shrubs and woody climbers. The eight species in the flora of Guinea-Bissau are shrubs or woody climbers, occurring mostly in forest and woodland and some also in riparian forest, river banks, palm groves and savannah woodland.

**Agelaea pentagyna** (Lam.) Baill. (1882) 345

Bas.: *Connarus pentagynus* Lam. (1786) 95.

Syn.: *A. trifolia* (Lam.) Baill. (1867) 237.

Shrub or woody climber, in forest, riparian forest and on river banks.

mph(C) – AfT – S – fl: vi; fl&fr: iv-vi; fr: i-viii

V.N.: kanhandi (ss).

**Cnestis corniculata** Lam. (1789) 23

Shrub or woody climber, in forest and woodland.

mph(C) – GC – S, B – fl: x; fl&fr: ix; fr: iv

V.N.: náparo (bj); talquidáua (fu).

**Cnestis ferruginea** DC. (1825a) 87

Shrub or woody climber, in forest, woodland and palm groves.

mph(C) – GC – N, S, E, B – fl: ix-ii; fl&fr: xi-iv; fr: xi-vi

V.N.: toen-tolôe, trevinti-ito (ba); naporó (bj); ojo-di-onça (cr); cupeléén (fs); talquibare (fu); bdutubus, beduto-ubule, utonque-ubusse (mc); manterim-ô, manterinterim, talquidqga, tulu-nereure (md); dutubule, peduto-ubusse, utonque-ubusse, utunque-ubule (mj); n'jete-nambel n'xetenhembele (nl); barniate (pp); kulenhimaba (ss).

**Connarus africanus** Lam. (1786) 95

Shrub or woody climber, in forest, woodland, riparian forest and palm groves.

mph(C) – SG – N, S, B – fl: i-v; fl&fr: ii, xi; fr: vi-ii

V.N.: cadjime, endure (bj).

**Rourea coccinea** (Thonn. ex Schumach.) Hook. f.

ex Benth. subsp. **coccinea** var. **coccinea** (1849) 290

Bas.: *Byrsocarpus coccineus* Thonn. ex Schumach. (1827) 226.

Subshrub or small woody climber, in forest, woodland, savannah woodland, riparian forest and palm groves.

nph/mphC – AfT – N, S – fl: v, vi; fr: viii, ix

**Rourea minor** (Gaertn.) Alston (1931) 67

Bas.: *Aegiceras minor* Gaertn. (1788) 216, t. 46. Woody climber, in riparian forest and on river banks.

mphC – Pal – N, S, E – fl: xi-iii; fr: xi-iv

**Rourea solanderi** Baker (1868a) 456

Syn.: *Spiropetalum solanderi* (Baker) Gilg (1896a) 214.

Small shrub, in woodland and savannah woodland.

nph – GC – N – fl: i

**Rourea thomsonii** (Baker) Jongkind (1989) 359

Bas.: *Connarus thomsonii* Baker (1868a) 458.

Syn.: *Jaundea pinnata* (P. Beauv.) G. Schellenb. (1938) 164.

Shrub or woody climber, in savannah woodland, riparian forest and on river banks.

mph(C) – AfT – S, E, B – fr: iv-vi

V.N.: endure (bj).

## CONVOLVULACEAE – 12 genera; 34 species, 1 introduced and sub-spontaneous

FWTA 2nd ed. 2: 335–352; EPFAT 4: 400–420; FIS 3: 43–207.

Quite a large cosmopolitan family of herbaceous and woody, often climbing plants, occasionally parasitic. The Convolvulaceae occur in a wide range of habitats, but are most diverse in the tropical and subtropical regions. From the 33 native species found, most are annual and perennial twining herbs, occurring in several types of habitats, such as forest, woodland, palm groves, savannah woodland, wet grass savannah, rivers, small lakes and temporary pools, mangrove borders and coastal sands.

Some ones are also ruderals and adventives in flooded rice fields and rainfed crops. *Calycobolus heudelotii* is a woody climber in forest, woodland and riparian forest; *Cuscuta australis* is a parasite and *Bonamia thunbergiana* and *Stictocardia beraviensis* are herbaceous climbers in forest, woodland, riparian forest and river banks. *Ipomoea quamoclit* was probably introduced as ornamental, being nowadays naturalized.

**Aniseia martinicensis** (Jacq.) Choisy (1837)  
144

Bas.: *Convolvulus martinicensis* Jacq. (1763)  
26, t. 17.

Perennial twining herb, in wet grass savannah,  
rivers, small lakes and temporary pools.

Hel – Pan – S, E, B – fl: x-xii; fl&fr: v, xi, xii

**Bonamia thunbergiana** (Roem. & Schult.)  
F.N. Williams (1907) 371

Bas.: *Convolvulus thunbergianus* Roem. &  
Schult. (1819) 884.

Syn.: *B. cymosa* (Roem. & Schult.) Hallier f.  
(1893b) 91.

Herbaceous climber, in forest, woodland, riparian  
forest and on river banks.

mphC – GC – N, S, E – fl: xi-i; fr: iv

**Calycobolus heudelotii** (Baker ex Oliv.) Heine  
(1963) 390

Bas.: *Breweria heudelotii* Baker ex Oliv. (1894)  
t. 2276.

Syn.: *Prevostea heudelotii* (Baker ex Oliv.)  
Hallier f. (1897) 1009.

Woody climber, in forest, woodland and riparian  
forest.

mPhC – GC – N, S, E – fl: iii, iv; fl&fr: ii-v;  
fr: iv

V.N.: másfi, masmedam (ba); funhulumá (fs);  
manar-fana (nl); lak-sé (ss); landum (td).

**Cressa cretica** L. (1753) 223

Perennial herb, in wet grass savannah.

Hem – Pal – E – fl: vi

**Cuscuta australis** R.Br. (1810) 491

Annual herb, parasite mainly on cultivated  
plants.

ThP – Pal – N – fl&fr: iii

**Evolvulus alsinoides** (L.) L. (1762) 392

Bas.: *Convolvulus alsinoides* L. (1753) 157.  
Perennial herb, on coastal sands.

Ch – Pan – N – fl: viii

**Hewittia scandens** (Koen. ex Milne) Mabb.  
(1980) 606

Bas.: *Convolvulus scandens* Koen. ex Milne  
(1773) 2.

Syn.: *Convolvulus sublobatus* L.f. (1781) 135;  
*H. sublobata* (L.f.) Kuntze (1891b) 441.

Annual twining herb, in woodland, savannah  
woodland and palm groves.

Th – Pal – N, S, E – fl: xii, i; fl&fr: iv, x

**Ipomoea aquatica** Forssk. (1775) 44

Perennial herb, in wet grass savannah and small  
lakes; also in flooded rice fields.

Hel – Pan – S, E – fl: x, xii

V.N.: intambeleta (ba); quelô (ff); djambo (md);  
bole-bola (nl).

**Ipomoea argenteaurata** Hallier f. (1893b) 132

Perennial twining herb, in savannah woodland.

Geo – SG – E – fl: x

**Ipomoea asarifolia** (Desr.) Roem. & Schult.  
(1819) 251

Bas.: *Convolvulus asarifolius* Desr. (1792) 562.  
Syn.: *I. repens* Lam. (1793) 467.

Perennial twining herb, in woodland and palm  
groves; also in flooded rice fields and dis-  
turbed areas.

Geo – Pan – N, S, B – fl: ix-iv

V.N.: n'tome, untome (ba); lacaon (cr); lokoko  
(cs); eraraque (fs); batata-brava (pt).

**Ipomoea barteri** Baker (1894) 70

Perennial twining herb, in savannah woodland.

Geo – SZ – E – fl&fr: ix

**Ipomoea cairica** (L.) Sweet (1827) 287

Bas.: *Convolvulus cairicus* L. (1759b) 922.

Perennial twining herb, in wet grass savannah,  
mangrove borders and on river banks; also  
in flooded rice fields.

Geo – Pan – N, S, E – fl: ii, vi, xii

**Ipomoea eriocarpa** R.Br. (1810) 484

Syn.: *Convolvulus eriocarpus* (R.Br.) Spreng.  
(1825a) 598.

Annual twining herb, in savannah woodland and  
palm groves; also in flooded rice fields and  
rainfed crops.

Th – Pal – N, S, E – fl: xi; fl&fr: xii; fr: x-i

V.N.: tam-cumba (ba); tridé (fu).

**Ipomoea heterotricha** Didr. (1855) 220Syn.: *I. amoena* Choisy (1845) 365.

Annual twining herb, in savannah woodland and wet grass savannah; also in rainfed crops.

Th – SZ – N, S, E – fl: xi, xii; fl&amp;fr: x

**Ipomoea imperati** (Vahl) Griseb. (1866) 203Bas.: *Convolvulus imperati* Vahl (1790) 17.

Perennial twining herb, on coastal sands.

Geo – Pan – B – fl: x, xii

V.N.: n'tome, untome (ba); bubafgale (bf).

**Ipomoea involucrata** P.Beauv. var. **involucrata** (1816) 52, t. 89

Perennial twining herb, in woodland, savannah woodland and palm groves; also in flooded rice fields, rainfed crops and other disturbed areas.

Geo – AfT – N, S, E, B – fl: xi-v; fr: xii-i

V.N.: djolondium (md).

**Ipomoea mauritiana** Jacq. (1791) 216

Perennial twining herb, in woodland, savannah woodland, palm groves, mangrove borders, riparian forest and river banks; also in flooded rice fields.

Geo – Pan – N, S, E, B – fl: viii-xii; fl&amp;fr: ix; fr: x-xii

V.N.: canhano, enhano (bj); nhambi-di-mato (cr).

**Ipomoea obscura** (L.) Ker Gawl. var. **obscura** (1817) 239Bas.: *Convolvulus obscurus* L. (1762) 220.

Annual twining herb, in savannah woodland, wet grass savannah and coastal sands; also in flooded rice fields.

Th – Pal – N, S, E, B – fl: x-xi; fl&amp;fr: xii; fr: vi, xii

**Ipomoea pes-caprae** subsp. **brasiliensis** (L.)

Ooststr. (1940) 533

Bas.: *Convolvulus brasiliensis* L. (1753) 159.Syn.: *I. maritima* R.Br. (1810) 486.

Perennial twining herb, on coastal sands.

Geo – Pan – N, S, E, B – fl: x-xii

V.N.: eraraque (fs).

**Ipomoea pes-tigridis** L. (1753) 162

Perennial twining herb, in savannah woodland.

Geo – AfT – N, S, E, B – fl: x

**Ipomoea quamoclit** L. (1753) 159Syn.: *Quamoclit vulgaris* Choisy (1834a) 434.

Annual twining herb, sub-spontaneous in wet grass savannah; also in disturbed areas.

Th – Pan(Am) – N, S, E – fl&amp;fr: xi, xii

Introduced species, native to America; cultivated as ornamental in some countries.

**Ipomoea setifera** Poir. (1804b) 17

Perennial twining herb, in riparian forest, river banks and wet grass savannah; also in flooded rice fields and rainfed crops.

Geo – AfAm – N, S, E – fl: xi-i

**Ipomoea vagans** Baker (1894) 70Syn.: *I. sulphurea* Hochst. ex Choisy (1845) 356.

Annual herb, in temporary pools.

Th – S – N – fl&amp;fr: x

V.N.: tirde (fu).

**Ipomoea violacea** L. (1753) 161

Perennial twining herb, in mangrove borders.

Geo – Pan – B – fr: x, xii

V.N.: lacacon-de-bolanha (cr).

**Jacquemontia tamnifolia** (L.) Griseb. (1862) 474Bas.: *Ipomoea tamnifolia* L. (1753) 162.Syn.: *J. capitata* (Desr.) G. Don (1837) 283;*I. capitata* (Desr.) Choisy (1845) 365.

Annual twining herb, in savannah woodland; also in rainfed crops.

Th – AfAm – N, E – fl: xi, xii

V.N.: tirde (fu).

**Lepistemon owariense** (P.Beauv.) Hallier f. ex De Wild. (1903b) 112Bas.: *Ipomoea owariensis* P.Beauv. (1816) 41, t. 82.

Perennial twining herb, along river banks.

Geo – AfT – N – fl&amp;fr: x

**Merremia aegyptia** (L.) Urb. (1910) 505Bas.: *Ipomoea aegyptia* L. (1753) 162.Syn.: *Convolvulus pentaphyllus* L. (1762) 223;*I. pentaphylla* (L.) Jacq. (1789a) 297.

Annual twining herb, in woodland, savannah woodland and palm groves; also ruderal.

Th – Pan – N, S, B – fl: x-xii

V.N.: tirde (fu); bagui (ss).

**Merremia hederacea** (Burm.f.) Hallier f. (1893b) 118Bas.: *Evolvulus hederaceus* Burm.f. (1768) 77, t. 30, f. 2.

Perennial twining herb, in wet grass savannah and river banks.

Geo – Pal – E – fl&amp;fr: x-xii; fr: xii

**Merremia kentrocaulos** (C.B. Clarke) Rendle  
ex Baker & Rendle var. **kentrocaulos**  
(1905–1906) 103

Bas.: *Ipomoea kentrocaulos* C.B. Clarke (1883)  
213.

Perennial twining herb, in savannah woodland.

Geo – SGC – E

V.N.: djon-musso-djubo (fu).

**Merremia pinnata** (Hochst. ex Choisy)

Hallier f. (1893a) 552

Bas.: *Ipomoea pinnata* Hochst. ex Choisy (1845)  
353.

Annual twining herb, in savannah woodland and  
coastal sands; also in rainfed crops.

Th – AfT – N, E, B – fl: ix-xi; fl&fr: x, xi; fr: ii

V.N.: djon-musso-djubo (fu).

**Merremia pterygocaulos** (Steud. ex Choisy)

Hallier f. (1893a) 552

Bas.: *Ipomoea pterygocaulos* Steud. ex Choisy  
(1845) 381.

Perennial twining herb, in woodland and river  
banks.

Geo – AfT – S

**Merremia tridentata** subsp. **angustifolia**

(Jacq.) Ooststr. var. **angustifolia** (1939)  
323

Bas.: *Ipomoea angustifolia* Jacq. (1789a) 367.

Syn.: *M. angustifolia* (Jacq.) Hallier f. (1893a)  
552.

Annual twining herb, in woodland, savannah  
woodland, palm groves and wet grass savan-  
nah; also in rainfed crops and other disturbed  
areas.

Th – Pal – N, S, E, B – fl: ix-iv; fl&fr: v, ix-i

**Merremia xanthophylla** Hallier f. (1893a)

552

Syn.: *M. pes-draconis* Hallier f. (1898) 537.

Perennial twining herb, in savannah woodland.

Geo – G? – E – fl: x

V.N.: djon-musso-djubo (fu).

Species poorly known.

**Stictocardia beraviensis** (Vatke) Hallier f.

(1893b) 159

Bas.: *Ipomoea beraviensis* Vatke (1882) 514.

Herbaceous climber, in riparian forest.

mphC – AfT – N, E – fl: xi, xii; fl&fr: xii; fr: i

#### CRASSULACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 114–119; EPFAT 1: 72–77; FIS 3: 209–219.

A cosmopolitan family of succulent herbs and small shrubs, with a single species found in the  
flora of Guinea-Bissau.

**Kalanchoe crenata** (Andrews) Haw. (1812) 109

Bas.: *Vereia crenata* Andrews (1798) t. 21.

Perennial herb in disturbed areas.

Hem – Pan(Pal) – S

V.N.: kimbli (ss).

#### CRUCIFERAE (BRASSICACEAE) – 1 genus; 1 species

FWTA 2nd ed. 1: 96–98; EPFAT 1: 61–66; FIS 3: 221–225.

A cosmopolitan family of herbs, trees and shrubs, with a single species found in the country.

**Rorippa madagascariensis** (DC.) H.Hara (1955) 197

Bas.: *Nasturtium madagascariense* DC. (1821) 192.

Syn.: *N. humifusum* Guill. & Perr. (1831) 19; *N. benuense* Hutch. & Dalziel (1927) 92, nom. nud.;

*R. humifusa* (Guill. & Perr.) Hiern (1896) 24.

Annual herb, along river banks.

Hel – AfT – E – fl: xii

#### CUCURBITACEAE – 9 genera, 1 introduced; 14 species, 1 introduced and sub-spontaneous

FWTA 2nd ed. 1: 204–216; EPFAT 1: 129–136; FIS 3: 227–309.

A mostly pantropical family of climbing or creeping herbs, with some species occurring in temper-  
ate regions. The 13 species native to Guinea-Bissau are annual or perennial twining herbs, occurring



in several habitats, like forest, woodland, savannah woodland, riparian forest and wet grass savannah. Some are also ruderals and adventives in flooded rice fields and rainfed crops.

**Cayaponia africana** (Hook.f.) Exell (1944)  
186

Bas.: *Trianosperma africana* Hook.f. (1871c)  
568.

Syn.: *C. latebrosa* Cogn. (1881) 776.

Annual twining herb, in riparian forest and wet grass savannah.

Th – GC – N, E – fl&fr: xi; fr: xi, xii

**Coccinia grandis** (L.) Voigt (1845) 59

Bas.: *Bryonia grandis* L. (1767b) 126.

Perennial twining herb, in riparian forest and wet grass savannah.

GeoC – Pan(Pal) – S – fr: ix

**Coccinia keayana** R.Fern. (1959) 191, t. 3

Perennial twining herb, in riparian forest and wet grass savannah.

GeoC – G – S – fr: viii

**Cucumis melo** L. (1753) 1011

Syn.: *C. dipsaceus* sensu Keay (1954a) 213,  
non Spach.

Annual herb, in disturbed areas.

Th – Pan(Pal) – N – fl: viii; fl&fr: xi; fr: xi,  
xii

V.N.: corel-budi (fu?).

**Lagenaria breviflora** (Benth.) Roberty (1954)  
795

Bas.: *Adenopus breviflorus* Benth. (1849) 372.

Perennial twining herb, in riparian forest and river banks.

Hem – AfAm(AfT) – N, E – fl: xii

V.N.: mamar-di-katur (cs).

**Lagenaria siceraria** (Molina) Standl. (1930)  
435

Bas.: *Cucurbita siceraria* Molina (1782) 133.

Syn.: *L. vulgaris* Ser. (1825) 25.

Perennial twining herb, ruderal.

Th – Pan(Pal) – N, B – fl: xi

V.N.: fôóti (ba); eparrá, omparsa (bj); cabaça (cr); fahándu, ordé (ff); córè, lami-córè (fu); udungue (mc); mirandjô-lò (md); pucúo (mj).

Species native to and cultivated in Africa and Asia, pantropical after introduction.

**I Luffa cylindrica** (L.) M.Roem. (1846) 63

Bas.: *Momordica cylindrica* L. (1753) 1009.

Syn.: *L. aegyptiaca* Mill. (1768) alph. order.

Annual herb, creeping or twining, in palm groves and wet grass savannah; also cultivated and ruderal.

Th – Pan(As) – N, E, B – fl: x, xi; fr: xii

V.N.: fuáski (ba); empenche, essancadacó (bj); djadar, djadra, pipino-di-lobo, pipino-di-mato (cr); dadar (cs); landjirco (ff); lotórcó (fu); poéntè (mc); bocó (pp); esfregão (pt); fúti (ss).

Species native to India, cultivated to make sponges from the fruit, nowadays sub-spontaneous.

**Momordica charantia** L. (1753) 1009

Annual twining herb, in woodland and savannah woodland; also ruderal.

Th – Pan – N, S, E – fl: viii, x; fl&fr: i; fr: xi

V.N.: camatom, sancaetano (cr); burbóqui (fu); cossélaha (ja); oròbódó (md).

**Momordica cissoides** Planch. ex Benth. (1849)  
370

Annual twining herb, in forest and riparian forest; also in rainfed crops.

Th – AfT – N, S, E – fl: vii, ix; fl&fr: viii; fr: ix

V.N.: malila-de-katar (cr); nanar n'kabulan (nl).

**Mukia maderaspatana** (L.) M.Roem. (1846)  
47

Bas.: *Cucumis maderaspatanus* L. (1753) 1012.

Syn.: *Melothria maderaspatana* (L.) Cogn. (1881) 623.

Annual twining herb, in savannah woodland, wet grass savannah and river banks; also in flooded rice fields.

Th – Pal – N, S, E – fl: viii; fl&fr: ix; fr: x-xii

**Trochomeria macrocarpa** (Sond.) Hook.f. (1871c) 524

Bas.: *Zehneria macrocarpa* Sond. (1862) 488.

Syn.: *T. macroura* Hook.f. (1871c) 525.

Perennial twining herb, in savannah woodland. Geo – AfT – N – fl: viii

**Zehneria capillacea** (Schumach. & Thonn.) C.Jeffrey (1962) 366

Bas.: *Bryonia capillacea* Schumach. & Thonn. (1827) 430.

Syn.: *Melothria capillacea* (Schumach. & Thonn.) Cogn. (1881) 600.

Annual twining herb, in riparian forest.

Th – GC – E – fl&fr: viii

**Zehneria hallii** C. Jeffrey (1964) 93  
 Syn.: *Melothria deltoidea* (Schumach. & Thonn.) Benth. (1849) 368.  
 Annual twining herb, in savannah woodland.  
 Th – SG – E – fl&fr: x

**Zehneria thwaitesii** (Schweinf.) C. Jeffrey (1962) 371  
 Bas.: *Melothria thwaitesii* Schweinf. (1868b) 44, t. 29.

Syn.: *Melothria tridactyla* Hook. f. (1871a) 562; *M. deltoidea* sensu Keay (1954a) 209, non (Schumach. & Thonn.) Benth. (1849) 368.  
 Annual twining herb, in rainfed crops and other disturbed areas.  
 Th – Pal – N, S, E – fl: vii-xii; fl&fr: viii

#### DICHAPETALACEAE (CHAILLETIACEAE) – 1 genus; 3 species

FWTA 2nd ed. 1: 433–439 (as Chailletiaceae); EPFAT 2: 19–22.

A small pantropical family of shrubs, woody climbers and small trees. The three species in the country are found in forest, riparian forest and on river banks.

**Dichapetalum heudelotii** (Planch. ex Oliv.) Baill. (1874) 140  
 Bas.: *Chailletia heudelotii* Planch. ex Oliv. (1868) 344.  
 Syn.: *D. johnstonii* Engl. (1896a) 141.  
 Shrub or woody climber, in forest, riparian forest and on river banks.  
 mph(C) – GC – S – fl: v-viii

**Dichapetalum madagascariense** Poir. (1812) 470  
 Shrub or woody climber, in riparian forest and on river banks.  
 mph(C) – AFT – S – fl: v, vii

**Dichapetalum toxicarium** (G. Don) Baill. (1874) 139  
 Bas.: *Chailletia toxicaria* G. Don (1824) 348.  
 Woody climber, in forest.  
 mPhC – G – S  
 Species known only from bibliographic reference (Breteler 1982).

#### DILLENACEAE – 1 genus; 2 species

FWTA 2nd ed. 1: 179–181; EPFAT 1: 120–121; FIS 3: 317–322.

A pantropical family of trees, shrubs and woody climbers. Nevertheless, in Africa only the *Tetracera* genus occurs, from which two species are found in the country, in forest, palm groves, woodland, savannah woodland and river banks.

**Tetracera alnifolia** Willd. (1799) 1243  
 Syn.: *T. djalonica* A. Chev. ex Hutch. & Dalziel (1927) 156; *T. podotricha* Gilg (1902) 200; *T. alnifolia* var. *podotricha* (Gilg) Staner (1939) 304.  
 Woody climber, in woodland, savannah woodland, palm groves and river banks.  
 mphC – AFT – N, E, B – fl: x-iv  
 V.N.: eberigom (bj); pmiss (cb); goróluga (fu).

**Tetracera potatoria** Afzel. ex G. Don (1831) 69  
 Woody climber or subshrub, in forest, woodland, savannah woodland and palm groves; also in disturbed areas.  
 mphC/nph – SGC – N, S, B – fl: xi-iv; ; fr: i-v  
 V.N.: ebiritto (bj).

#### DROSERACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 120–122; EPFAT 1: 77–78; FIS 3: 324–326.

A small cosmopolitan family of carnivorous annual or perennial herbs, commonly in wet, low-nutrient, acidic soils, with only a single representative in the flora of Guinea-Bissau.

**Drosera indica** L. (1753) 282  
 Annual herb, in wet grass savannah.  
 Th – Pal – N, E, B – fl&fr: ix-i

## EBENACEAE – 1 genus; 3 species

FWTA 2nd ed. 2: 2–15; EPFAT 4: 19–25; FIS 3: 329–339.

A medium-sized family of mostly tropical trees and shrubs. The three species in the country are found in forest, woodland, riparian forest, on river banks and in mangrove borders.

**Diospyros elliotii** (Hiern) F.White (1956) 243  
Bas.: *Maba elliotii* Hiern (1894) 85.  
Syn.: *Maba mannii* Hiern (1873) 129.  
Tree, in woodland and along river banks.  
mPh – SG – N, S – fl: iii; fr: iv

**Diospyros ferrea** (Willd.) Bakh. (1933) 162  
Bas.: *Ehretia ferrea* Willd. (1794) 4, t. 2.  
Tree, along river banks and in mangrove borders.  
mph – Pal – N – fl: i, iv; fr: v

**Diospyros heudelotii** Hiern (1873) 215  
Syn.: *D. guineensis* A.Chev. (1920) 396; *Maba lancea* Hiern (1873) 118.  
Tree or shrub, in forest, woodland, riparian forest and mangrove borders.  
mph – G – N, S, E, B – fl: xi-iv; fr: xii-v  
V.N.: ebangleba (bj); silabono (fu); cussito, malefu (md); n'jangugurta (nl); iatété, malefú (ss); culum (td).

## EUPHORBIACEAE – 24 genera; 50 species, 4 introduced and naturalized

FWTA 2nd ed. 1: 364–423; EPFAT 1: 203–240; FIS 3: 355–607.

A very large family of trees, shrubs, herbs and climbers, predominantly tropical but also present in temperate regions. Among the 46 autochthonous species in the country, 17 are herbs and 28 are woody plants. The herbaceous Euphorbiaceae are annuals or perennials found mainly in savannah woodland, to a lesser extent, in coastal sands, river beds, wet grass savannah and margins of small lakes. Some are also ruderals and adventives in rainfed crops and flooded rice fields. The woody species are mainly shrubs and trees occurring in forest, woodland, savannah woodland, palm groves, riparian forest, river beds and less frequently in coastal sands, wet grass savannah, small lakes and temporary pools and mangrove borders. The four introduced and naturalized species are ruderals or adventives. There is also a cultivated species, *Ricinus communis*, probably autochthonous to the country.

**Acalypha fimbriata** Schumach. & Thonn. (1827) 409  
Syn.: *A. vahliana* Müll.Arg. (1865) 43.  
Annual herb in savannah woodland and riparian forest; also in rainfed crops.  
Th – Pal – N, E – fl: ix; fl&fr: viii-xi  
V.N.: banhancúra (md); butchebetche (pp).

**Acalypha villicaulis** A.Rich. ex Müll.Arg. (1866) 845  
Syn.: *A. senensis* Klotzsch (1861) 96  
Subshrub, in savannah woodland.  
nph – AfT – E – fl: vii

**Alchornea cordifolia** (Schumach. & Thonn.) Müll.Arg. (1865) 170  
Bas.: *Schousboea cordifolia* Schumach. & Thonn. (1827) 449.  
Shrub, in forest, woodland, savannah woodland, palm groves, riparian forest, river banks, small lakes and temporary pools; also in flooded rice fields.  
mph – AfT – N, S, E, B – fl: viii-iv; fr: ii-v

V.N.: blora, bloré, bulóra, fiili (ba); cachumbé, cachumé, echumbé, ensúmbè (bj); áboná (cb); pó-de-arco, pó-di-linguana (cr); arcu, brusus (cs); charque, curo-djendjen-ghadje, djebonedje, gracassaque (fu); irá (md); bugou (mj); m'sumena, m'sumuna (nl); ugonga (pp); m'bolotá (ss).

**Alchornea hirtella** Benth. (1849) 507  
Shrub or small tree, in forest, woodland, palm groves and riparian forest.  
mph – AfT – N, S – fl: iv-x; fr: i

**Anthostema senegalense** A.Juss. (1824) 117  
Tree, in forest, woodland, savannah woodland, riparian forest, river banks, palm groves and coastal sands.  
mPh – SG – N, S, E, B – fl: x-xii; fr: xii-v  
V.N.: p'tone (ba); cabate, cabete (bj); binhal, pó-de-binhal, pó-de-lete (cr); bulucune (fs); bufena, m'buró, umburo (fu); mante (nl); minhále, tagi (pp).

- Antidesma membranaceum** Müll. Arg. (1865) 68  
Shrub or small tree, in forest, woodland, riparian forest and palm groves.  
mph – AfT – N, S, E – fl: i-vii; fr: vii-xii  
V.N.: quere (fu); baconcom (md); manar-ulé (nl).
- Antidesma venosum** E. Mey. ex Tul. (1851) 232  
Small tree, in forest, woodland, savannah woodland, wet grass savannah and river banks.  
mph – AfT – S, E – fl: iv-x; fr: vii-i
- Bridelia micrantha** (Hochst.) Baill. (1862–1863) 164  
Bas.: *Candelabria micrantha* Hochst. (1843) 79.  
Small tree or shrub, in woodland, savannah woodland, riparian forest, palm groves and river banks.  
mph – AfT – N, S, E, B – fl: iv-xi; fr: viii-ii  
V.N.: tagate (ba); bissai, bussáca (bf); endure, n'tongue, untágué, untongue (bj); utchak (cb); bissáca (cr); fudetchir (fs); bissoia, gúgri (fu); bissaiô, bissoia (md); m'bonhé, n'taque (nl); bissaque (pp); tolingué, tolingi (ss).
- Caperonia serrata** (Turcz.) C. Presl (1851) 573  
Bas.: *Lepidococca serrata* Turcz. (1848) 589.  
Syn.: *Caperonia senegalensis* Müll. Arg. (1865) 153.  
Annual herb in wet grass savannah, river banks; also in flooded rice fields and rainfed crops.  
Th – AfT – N, S, E – fl: xi; fl&fr: vi-i
- Chrozophora brocchiana** (Vis.) Schweinf. (1862) 9  
Bas.: *Croton brocchianus* Vis. (1836) 39.  
Perennial herb, in rainfed crops.  
Geo – SS? – E – fl: i
- Chrozophora senegalensis** (Lam.) A. Juss. ex Spreng. (1826) 850  
Bas.: *Croton senegalensis* Lam. (1786) 212 '*senegalense*'.  
Perennial herb, in savannah woodland; also in rainfed crops.  
Ch – S – N – fl: xi, xii; fl&fr: iv, xii  
V.N.: cacó (fs); tabatabom, tabatambom-ô (md); lócótane (mj).
- <sup>1</sup>Croton hirtus** L'Hér. (1785) 17  
Syn.: *C. glandulosus* var. *hirtus* (L'Hér.) Müll. Arg. (1866) 684; *C. glandulosus* subsp. *hirtus* (L'Hér.) Croizat (1948) 401.  
Annual herb, in savannah woodland.  
Th – AfAm(Am) – N, S – fl: x; fr: ix, xi  
Introduced species, naturalized, native to America.
- Croton lobatus** L. (1753) 1005  
Annual herb, in savannah woodland and coastal sands; also in rainfed crops.  
Th – Pal – N – fl&fr: viii, x  
V.N.: mjouredjandjam-ô (md).
- Croton scarciesii** Scott-Elliot (1894) 96  
Shrub, along river banks.  
mph – G – E – fl: vi, xii; fl&fr: xi
- Drypetes floribunda** (Müll. Arg.) Hutch. (1912a) 687  
Bas.: *Cyclostemon floribundus* Müll. Arg. (1864a) 532.  
Syn.: *D. ovata* Hutch. (1912a) 688.  
Shrub or small tree, in woodland, riparian forest, on river banks and in mangrove borders.  
mph – GC – N, S – fl: vi
- Drypetes gilgiana** (Pax) Pax & K. Hoffm. (1922) 261  
Bas.: *Cyclostemon gilgianus* Pax (1903) 278.  
Syn.: *Lingelsheimia gilgiana* (Pax) Hutch. (1912a) 691.  
Shrub or small tree, in palm groves, riparian forest and on river banks.  
mph – GC – N, S – fl: x; fl&fr: x; fr: xii
- Elaeophorbia drupifera** (Thonn.) Stapf (1906a) t. 2823  
Bas.: *Euphorbia drupifera* Thonn. (1827) 250.  
Syn.: *Euphorbia renouardii* Pax (1902) 61.  
Tree, probably in woodland.  
mPh – G  
V.N.: bagne-uône, berendenda (ba); bidjaqued-jaque (bf).  
Species known only from bibliographic reference (Espírito Santo 1963).
- Elaeophorbia grandifolia** (Haw.) Croizat (1938) 109  
Bas.: *Euphorbia grandifolia* Haw. (1812) 130.  
Small tree or shrub, in woodland.  
mph – G – S – fl: i, iv
- Erythrococca africana** (Baill.) Prain (1911) 620  
Bas.: *Trewia africana* Baill. (1860–1861) 68.  
Shrub or small tree, in woodland and on river banks.  
mph – GC – N, S, B – fl: vi; fl&fr: v

- Erythrococca anomala** (Juss. ex Poir.) Prain (1911) 614  
Bas.: *Adelia anomala* Juss. ex Poir. (1810) 132.  
Small shrub, in forest.  
nph – GC – S – fl: i, iv
- Euphorbia convolvuloides** Hochst. ex Benth. (1849) 499  
Annual herb, in savannah woodland; also in rain-fed crops.  
Th – SG – E – fr: viii-xii
- Euphorbia glaucophylla** Poir. (1811) 613  
Perennial herb, in coastal sands.  
Ch – SG – N, B – fr: viii-xii
- <sup>1</sup>Euphorbia hirta** L. (1753) 454  
Annual herb in dry lands.  
Th – Pan(Am) – N, E – fl: ix-xi  
V.N.: taquelpólhe (fu).  
Introduced species, naturalized, native to Central America.
- <sup>1</sup>Euphorbia hyssopifolia** L. (1759b) 1048  
Syn.: *E. brasiliensis* Lam. (1788) 423.  
Annual herb, ruderal.  
Th – AfAm(Am) – N – fl: vii  
Introduced species, naturalized, native to America.
- Euphorbia macrophylla** Pax (1894) 122  
Perennial herb, in woodland and savannah woodland.  
Geo – AfT – E, B – fl: vii
- <sup>1</sup>Euphorbia prostrata** Aiton (1789b) 139  
Annual herb, ruderal.  
Th – Pan(Am) – N, E – fr: xi-i  
Introduced species, naturalized, native to West Indies.
- Euphorbia schimperiana** Scheele var. **schimperiana** (1843) 344  
Syn.: *E. ampla* Hook.f. (1862) 20  
Perennial herb, in savannah woodland.  
Geo – Pal – E – fl: vi  
V.N.: dáfeu-nina, dafeuina (fu); mantchinco, mantchmhô (md).
- Flueggea virosa** (Roxb. ex Willd.) Voigt (1845) 152  
Bas.: *Phyllanthus virosus* Roxb. ex Willd. (1805) 578.  
Syn.: *Securinega virosa* (Roxb. ex Willd.) Baill. (1865–1866) 334.  
Shrub in savannah woodland.  
mph – Pal – N – fl&fr: vii
- Hymenocardia acida** Tul. var. **acida** (1851) 256  
Shrub or small tree, in woodland, savannah woodland, wet grass savannah and on river banks.  
mph – AfT – N, S, E, B – fl: iv; fr: x-v  
V.N.: beninebahan, betenam (ba); coroncondó (bf); corocondé, oábi (bj); coronconde, coronconto (cr); pilitoró (ff); bodi, caraconde, corocondé (fu); corocondó, cureucóndô (md); matikzé, n'tisé (nl); curecúnde, simóíeli (ss).
- Hymenocardia heudelotii** Planch. ex Müll. Arg. (1864a) 518  
Small tree in riparian forest, river and small lake margins and wet grass savannah.  
mph – GC – S, E – fl: ii, iii; fr: iii-vii, xii
- Hymenocardia lyrata** Tul. (1851) 256  
Shrub or small tree, in woodland, savannah woodland, palm groves and coastal sands.  
mph – G – N, S, B – fr: x-iv  
V.N.: odinaco (bj).
- Macaranga heterophylla** (Müll. Arg.) Müll. Arg. (1866) 993  
Bas.: *Mapa heterophylla* Müll. Arg. (1864b) 336.  
Shrub or small tree, in forest edges, woodland, riparian forest, on river banks and palm groves.  
mph – G – N, S, E, B – fl: x-i; fl&fr: iv; fr: i-v  
V.N.: badje (bf); bulanhinha (fu).
- Macaranga heudelotii** Baill. (1860–1861) 69  
Shrub or small tree, in woodland, riparian forest, on river banks and palm groves.  
mph – G – N, S – fl: i; fr: iv
- Mareya micrantha** (Benth.) Müll. Arg. (1866) 792  
Bas.: *Acalypha micrantha* Benth. (1849) 505  
Small tree, in forest and woodland.  
mph – GC – S, E, B – fl: i; fr: x
- Margaritaria discoidea** (Baill.) G.L. Webster var. **discoidea** (1967) 311  
Bas.: *Cicca discoidea* Baill. (1860–1861) 85.  
Syn.: *Phyllanthus discoideus* (Baill.) Müll. Arg. (1863) 51.  
Shrub or tree, in woodland, savannah woodland and riparian forest.  
mPh – AfT – N, S, B – fl: v, vi; fr: viii

**Micrococca mercurialis** (L.) Benth. (1849)  
503

Bas.: *Tragia mercurialis* L. (1753) 980.

Annual herb, in coastal sands; also in rainfed crops and other disturbed areas.

Th – Pal – N, S, E – fl&fr: ix; fr: viii-xii

**Phyllanthus amarus** Schumach. & Thonn.  
(1827) 421

Annual herb, in flooded rice fields.

Th – Pan – E – fr: vi

V.N.: nerendim-faró (fu).

**Phyllanthus beillei** Hutch. (1912a) 733

Syn.: *Phyllanthus welwitschianus* var. *beillei*  
(Hutch.) Radcl.-Sm. (1981) 775.

Subshrub, in woodland.

Geo – Pal – S

Species known only from bibliographic reference  
(Malaisse 1996).

**Phyllanthus fraternus** subsp. **togoensis** Brunel  
& J.P.Roux (1975) 161

Annual herb in flooded rice fields and rainfed crops.

Th – G – N, E – fr: vi

V.N.: bubunguel (fu).

**Phyllanthus muellerianus** (Kuntze) Exell  
(1944) 290

Bas.: *Diasperus muellerianus* Kuntze (1891b)  
597.

Shrub or woody climber, in woodland, savannah woodland, palm groves and on river banks.  
mph(C) – AfT – N, S, B – fl: i; fr: ii-vi; fl&fr: ii

V.N.: māmámómóti (fu); mafer (nl); angando-ram (td).

**Phyllanthus niruroides** Müll.Arg. (1864b) 331

Annual herb, in savannah woodland and wet grass savannah; also in flooded rice fields and rainfed crops.

Th – AfT – S, E – fr: ix-x

**Phyllanthus pentandrus** Schumach. & Thonn.  
(1827) 419

Annual herb, in savannah woodland and coastal sands.

Th – AfT – N, E – fl&fr: vii, x

**Phyllanthus reticulatus** Poir. (1804a) 298  
'reticulata'

Shrub, in riparian forest, on river banks.

mph – Pal – E – fr: vi; fl&fr: x, xii

**Ricinodendron heudelotii** (Baill.) Pierre ex  
Heckel subsp. **heudelotii** (1898) 40

Bas.: *Jatropha heudelotii* Baill. (1860–1861)  
64.

Large tree, in forest and woodland.

MPh – G – S – fl: iv, v; fr: xi

V.N.: bidjabarrana (bf); n' tonte (nl); tonta (ss).

**Ricinus communis** L. (1753) 1007

Large perennial shrublike herb, cultivated; subspontaneous in disturbed areas.

Ch – Pan(Pal) – N, E, B – fl: i; fr: i, iv, ix

V.N.: metaconhe (ba); buorai (bf); djague-djague (cr); dakdak (cs); djácula (ff); entôgai, torra, tumbessume (fs); bupurura (mj); rícino (pt).

Species with medicinal and ornamental use, probably native to Africa or Asia, nowadays cosmopolitan after introduction.

**Tetrorchidium didymostemon** (Baill.) Pax &  
K.Hoffm. (1919) 53

Bas.: *Hasskarlia didymostemon* Baill. (1860–  
1861) 52.

Shrub or small tree, along river banks.

mph – AfT – S – fl&fr: xii; fr: i

**Tragia senegalensis** Müll.Arg. (1865) 182

Perennial herb, in savannah woodland and on river banks.

Hem – G – E – fl&fr: vi, viii

**Uapaca guineensis** Müll.Arg. (1864a) 517

Tree in woodland, riparian forest, on river banks, palm groves and mangrove borders.

mPh – GC – N, S, E, B – fl: xi-iii; fr: iv, vi

V.N.: psegha (ba); n'chambana (bf); bupókó (fs); bichine (pp); iagale (ss).

**Uapaca heudelotii** Baill. (1860–1861) 81

Tree, along river banks and gallery forests.

mPh – GC – S – fl: ii; fr: vi

V.N.: n'chambana (bf).

**Uapaca togoensis** Pax (1904) 371

Tree, in savannah woodland, palm groves, riparian forest and on river banks.

mPh – SG – N, S, E – fl: ix-ii; fr: x-i

V.N.: mantchampo (ff); iála-guei (md); bichime, bissime (pp); iágalê (ss).

## FLACOURTIACEAE – 7 genera; 8 species

FWTA 2nd ed. 1: 185–191; EPFAT 1: 122–126; FIS 4: 33–49.

A large family of trees and shrubs, widespread in the tropics and subtropics, but also with some species in temperate regions. The eight species in the country are shrubs and small trees occurring mainly in riparian forest and on river banks and some of them in forest, wet grass savannah and savannah woodland too.

**Byrsanthus brownii** Guill. (1838) 30, t. 52

Tree, in wet grass savannah, riparian forest and on river banks.

mph – GC – S, E – fl: iii-iv

**Caloncoba cf. gilgiana** (Sprague) Gilg (1908) 460

Bas.: *Oncoba gilgiana* Sprague (1905) 1164.

Shrub, in riparian forest.

mph – G – S – fl&fr: vi

**Dovyalis zenkeri** Gilg (1908) 507

Syn.: *D. afzelii* Gilg (1908) 507.

Shrub, in riparian forest.

mph – G – S – fr: x

**Flacourtia indica** (Burm.f.) Merr. (1917a) 377

Bas.: *Gmelina indica* Burm.f. (1768) 132, t. 39, f. 5.

Syn.: *F. flavescens* Willd. (1806) 830.

Shrub or small tree, in savannah woodland, riparian forest and on river banks.

mph – Pal – N, E – fl: iv; fr: ix, x

**Homalium letestui** Pellegr. (1921) 193

Tree, in woodland, palm groves, riparian forest and on river banks.

mPh – GC – N, S, E – fl: ii-iv

V.N.: tchubètáde (fu).

**Oncoba glauca** (P.Beauv.) Planch. (1847) 296

Bas.: *Ventenatia glauca* P.Beauv. (1805) 30, t. 17.

Syn.: *Caloncoba glauca* (P.Beauv.) Gilg (1908) 459.

Shrub, in riparian forest.

mph – GC – S – fl: iv; fl&fr: vi

**Oncoba spinosa** Forssk. (1775) cxiii, 103

Shrub or small tree, in forest, riparian forest and on river banks.

mph – SGC – N, S, E – fr: viii-i

**Scottellia leonensis** Oliv. (1893) t. 2265

Tree, in riparian forest and on river banks.

mPh – G – E – fl: viii-xi; fr: xi-i

## GENTIANACEAE – 5 genera; 6 species

FWTA 2nd ed. 2: 297–302; EPFAT 4: 351–356; FIS 4: 55–73.

A cosmopolitan family of annual or perennial herbs, with some shrubs and small trees too. The six species in the country are annual herbs and most of them seem to prefer wet habitats, such as wet grass savannah, on river banks and small lakes. Some of them are also ruderals. *Sebaea oligantha* is a plant without chlorophyll, occurring in the forest understorey.

**Canscora decussata** (Roxb.) Schult. (1827) 229

Bas.: *Pladera decussata* Roxb. (1820) 418.

Annual herb, in wet grass savannah and on river banks.

Th – AfT – E – fl: xii

**Canscora diffusa** (Vahl) R.Br. ex Roem. & Schult. (1818) 301

Bas.: *Gentiana diffusa* Vahl (1794) 47.

Annual herb, along river banks.

Th – Pal – E – fl: i, ii

**Exacum oldenlandioides** (S.Moore) Klack. (1985) 88, f. 63

Bas.: *Sebaea oldenlandioides* S.Moore (1877) 68.

Annual herb, in wet grass savannah and on river banks.

Th – AfT – N, E – fl&fr: xi, xii

V.N.: elegúnhae (fl).

**Neurotheca loeselioides** (Spruce ex Progel) Baill. (1889) 132

Bas.: *Octopleura loeselioides* Spruce ex Progel (1865) 212.

Annual herb, in woodland, savannah woodland, palm groves, wet grass savannah, small lakes, mangrove borders and herbaceous steppe of the lateritic cuirasses; also in flooded rice fields.

Th – AfT – N, S, E, B – fl: x, iv

**Schultesia stenophylla** var. **latifolia** Mart. ex Progel (1865) 203

Annual herb, in wet grass savannah; also in flooded rice fields and other disturbed areas.

Th – G – N, S, E – fl: vi, xii; fl&fr: i-iv

V.N.: fel-de-tera, fel-da-terra (cr).

**Sebaea oligantha** (Gilg) Schinz (1906) 736

Bas.: *Belmontia oligantha* Gilg (1898a) 102.

Annual saprophytic herb or perhaps a root parasite, without chlorophyll, in the understorey of forest.

Th – SGC – S

Species known only from bibliographic reference (Malaisse 1996).

#### GOODENIACEAE – 1 genus; 1 species

FWTA 2nd ed. 2: 315; EPFAT 4: 374; FIS 4: 79–80.

A small family of herbs and some shrubs, mainly Australian but with a few species widespread in the tropics.

**Scaevola plumieri** (L.) Vahl (1791) 36

Bas.: *Lobelia plumieri* L. (1753) 929.

Syn.: *S. taccada* (Gaertn.) Roxb. (1824) 146.

Small shrub, in coastal sands.

nph – Pan – N – fl&fr: xii, i

#### GUTTIFERAE (HYPERICACEAE) – 5 genera; 12 species and varieties

FWTA 2nd ed. 1: 286–290 (as Hypericaceae); EPFAT 1: 168–170 (as Hypericaceae); FIS 4: 83–107.

A large family of trees and shrubs, cosmopolitan but predominantly tropical. Some of the 12 taxonomical groups in the flora of Guinea-Bissau seem to prefer wet habitats, like riparian forest, on river banks and wet grass savannah; others are found also in forest, woodland, savannah woodland and palm groves.

**Garcinia elliptii** Engl. (1908a) 571

Shrub, in riparian forest and on river banks.

mph – G – E – fl&fr: i; fr: v

**Garcinia livingstonei** T. Anderson (1867) 263

Syn.: *G. baikiana* Vesque (1893) 336.

Small tree or shrub, in riparian forest and on river banks.

mph – AfT – S, E – fl: xii, ii; fl&fr: xii; fr: iii-xi

**Garcinia smeathmannii** (Planch. & Triana)

Oliv. (1868) 168

Bas.: *Rhedia smeathmannii* Planch. & Triana (1860) 312.

Syn.: *G. polyantha* Oliv. (1868) 166; *G. barteri* Oliv. (1868) 166.

Shrub or small tree, in forest, palm groves, riparian forest and on river banks.

mPh – GC – N, S, E, B – fl: ix, x; fl&fr: x-v; fr: xi

V.N.: n'tchócodó, n'tcoco (bj); macacundje (mj).

**Harungana madagascariensis** Lam. (1796) t. 645

Syn.: *Haronga madagascariensis* (Lam.) Choisy (1821) 34.

Shrub or small tree, in forest, woodland, savannah woodland, palm groves and on river banks.

mPh – AfT – N, S, E, B – fl: viii-x; fr: xi-i

V.N.: mintchéle, umpátè (ba); canho, uómnhé (bj); utéhia (cb); canho, pó-di-faia (cr); sún-gala (ff); chungalá, sungala (fu); sumbalá, uliéli, ulielò (md); binhanhaque (mj); acan-jongra (td).

**Pentadesma butyracea** Sabine (1824) 457

Tree, in riparian forest.

mPh – GC – E – fl: xi-i

V.N.: boncom-hadje (fu); boncom-ô (md); lami (ss).

**Psorospermum alternifolium** Hook.f. (1849) 243

Small tree, in woodland, wet grass savannah and on river banks.

mPh – SG – N, S – fl: iv, v



**Psorospermum corymbiferum** Hochr. var. **corymbiferum** (1919) 58

Shrub, in woodland and savannah woodland.  
mph – GC/SZ – S, E – fl: iii, v  
V.N.: catidjancuómo, codidjancuma (fu, md).

**Psorospermum corymbiferum** var. **doeringii** (Engl.) Keay & Milne-Redh. (1958) 762  
Bas.: *P. ledermannii* var. *doeringii* Engl. (1919) 387.

Syn.: *P. corymbiferum* var. *kerstingii* (Engl.) Keay & Milne-Redh. (1953) 291, nom. illeg.  
Shrub, in woodland.  
mph – SG – S – fl: v  
V.N.: the same as of the typical subspecies.

**Psorospermum glaberrimum** Hochr. (1919) 63

Shrub, in woodland, savannah woodland and wet grass savannah.  
mph – G – S, E – fl: vi; fr: vi  
V.N.: lólé (ss).

**Psorospermum senegalense** Spach (1836) 164  
Shrub, in woodland and savannah woodland.  
mph – G – S, E, B – fl: ii-v; fl&fr: ii; fr: xii  
V.N.: catidjancuómo, codidjancuma (fu, md).

**Psorospermum tenuifolium** Hook.f. (1848) t. 771

Shrub, in forest and woodland.  
mph – GC – S – fl: iv, v; fr: ix  
V.N.: catidjancuómo, codidjancuma (fu, md).

**Vismia guineensis** (L.) Choisy (1821) 36

Bas.: *Hypericum guineense* L. (1785) 321.  
Syn.: *V. leonensis* Hook.f. (1849) 243.  
Shrub or small tree, in forest, woodland, on river banks and wet grass savannah.  
mph – GC – S, B – fl: vii; fr: x, xi  
V.N.: canhe (bj).

## HALORAGACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 171; EPFAT 1: 114–115; FIS 4: 109–110.

A small family of aquatic and moist terrestrial herbs, annual and perennial occurring predominantly in temperate and subtropical regions, mainly in the Southern Hemisphere.

**Lauremburgia tetrandra** subsp. **brachypoda** (Welw. ex Hiern) A. Raynal var. **brachypoda** (1965) 694

Bas.: *Serpicula repens* var. *brachypoda* Welw. ex Hiern (1896) 332.  
Syn.: *L. engleri* Schindl. (1905) 73.  
Annual herb, in wet grass savannah.  
Hel – Aft – N – fl: iii

## HYDROPHYLLACEAE – 1 genus; 3 species

FWTA 2nd ed. 2: 316–317; EPFAT 4: 374; FIS 4: 121–127.

A small cosmopolitan family of herbs and small shrubs. The three species in the country are annual herbs found mostly in wet grass savannah.

**Hydrolea floribunda** Kotschy & Peyr. (1867) 22, t. 9B

Syn.: *H. graminifolia* A.W. Benn. (1871) 277.  
Annual herb, in savannah woodland and wet grass savannah.  
Th – SG – E – fl&fr: x-i

**Hydrolea glabra** Schumach. & Thonn. (1827) 161

Syn.: *H. guineensis* Choisy (1834b) 180.  
Annual herb, in wet grass savannah.  
Th – Aft – N – fr: ii

**Hydrolea macrosepala** A.W. Benn. (1871) 277

Annual herb, in wet grass savannah and temporary pools; also in flooded rice fields.  
Th – SG – S, E – fr: xii

## ICACINACEAE – 4 genera; 4 species

FWTA 2nd ed. 1: 636–644; EPFAT 2: 156–158; FIS 4: 129–138.

A medium-sized family of trees, shrubs and woody climbers, occurring mainly in tropical rain forests. Nevertheless, the most common species in Guinea-Bissau, *Icacina oliviformis*, is a pyrophilous subshrub, found in woodland and savannah woodland.

**Icacina oliviformis** (Poir.) J. Raynal (1975a)  
194

Bas.: *Hirtella oliviformis* Poir. (1813) 53.

Syn.: *I. senegalensis* A. Juss. (1823) 174.

Subshrub, in woodland and savannah woodland; also in rainfed crops.

Geo – SG – N, S, E, B – fl: ix-vi; fl&fr: ii; fr: iii-vi

V.N.: foia, foié, sóngol (ba); manasse (bf); em-handú (bj); manganace, manganás (cr); em-handú (bj); manganasse (fs); mancanadje (pl), sila (fu); unásse (mc); manacassô, mancanassô (md); unásse (mj); n'putmé (nl); unássem (pp); silá (ss).

**Iodes cf. liberica** Stapf (1906b) 588

Woody climber.

mphC – GC – N

**Leptaulus daphnoides** Benth. (1862b) 351

Tree or shrub, in forest.

mPh – GC – S

Species known only from bibliographic reference (Malaisse 1996).

**Rhaphiostylis beninensis** (Hook. f. ex Planch.)  
Planch. ex Benth. (1849) 259

Bas.: *Apodytes beninensis* Hook. f. ex Planch. (1848) t. 778.

Shrub or woody climber, in forest, riparian forest, on river banks.

mph – AFT – N, S, E – fl: i-iv; fr: ii, iv

## IRVINGIACEAE – 2 genera; 2 species

FWTA 2nd ed. 1: 692–694; EPFAT 2: 203–204; FIS 4: 145–150.

A small family of trees native to tropical Africa and tropical South America. The two species in the country occur in forest, woodland and probably along river banks.

**Irvingia gabonensis** (Aubry-Lecomte ex  
O'Rorke) Baill. ex Laness. (1886) 812

Bas.: *Mangifera gabonensis* Aubry-Lecomte  
ex O'Rorke (1857) 275.

Syn.: *I. barteri* Hook. f. (1860) 167; *I. tenuifolia*  
Hook. f. (1860) 167.

Tree, probably along river banks.

mPh – GC

V.N.: mango-bravo (cr); n'corobaque, uncorobaque (nl).

Species known only from bibliographic reference (Espírito Santo 1963).

**Klainedoxa gabonensis** var. **oblongifolia** Engl.  
(1902a) 125

Large tree, in forest and woodland.

MPh – GC – N, S – fl: x; fr: i, v

V.N.: bissámbara (bf); mampataz-de-porco (cr); curacosse (fu); n'bámbete, umbámbete (nl); cossóssúquê (ss).

## IXONANTHACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 355; EPFAT 1: 197.

A family of trees and shrubs from tropical and subtropical regions.

**Ochthocosmus africanus** Hook. f. ex Planch. (1848) 773

Small tree, in forest, woodland and savannah woodland.

mph – GC – N, S – fl: i; fr: x

## LABIATAE (LAMIACEAE) – 15 genera;

30 species, 3 introduced, 2 naturalized, 1 sub-spontaneous

FWTA 2nd ed. 2: 450–473; EPFAT 4: 528–567; FIS 4: 153–234.

A large cosmopolitan family of herbs and small shrubs. Among the 27 native species in the country, eight are annual herbs, six are perennials and 13 are shrubs, or woody climbers or trees, found mostly in savannah woodland and wet grass savannah and less frequently in riparian forest, small lake margins, woodland and forest. Several ones are also ruderals and adventives in dry drops and flooded rice fields. The three introduced species were cultivated and are now naturalized in several kinds of dry and wet habitats.

**Clerodendrum acerbianum** (Vis.) Benth.

(1876) 1156

Bas.: *Volkameria acerbiana* Vis. (1836) 23, t. 4.

Shrub or woody climber, in river banks.

mph(C) – S – E – fl: vii

**Clerodendrum capitatum** (Willd.) Schumach.

&amp; Thonn. (1827) 287

Bas.: *Volkameria capitata* Willd. (1800b) 384.

Shrub, in savannah woodland and palm groves.

mph – AfT – N, B – fl: viii-xi; fl&amp;fr: x, xii; fr: xi, xii

**Clerodendrum sinuatum** Hook. (1846) t. 4255

Shrub, in forest, thicket, woodland, savannah woodland, riparian forest, river banks, palm groves and wet grass savannah.

mph – SGC – N, S, E, B – fl: iv, vi, xi, xii; fl&amp;fr: x; fr: iv, ix, xi

V.N.: manabo (bf); anabá (td).

**Clerodendrum splendens** G. Don (1824) 349

Woody climber or shrub, in forest edges, thicket, woodland, savannah woodland and palm groves; also in disturbed areas.

mph(C) – GC – N, S, B – fl: ix-ii; fl&amp;fr: iv; fr: iv, v, xii

V.N.: mezinho-di-cobra (cr); hacôtôma (fu); manar-baé, manar-balé (nl); ferifore, manar-ferifór r (ss).

**Clerodendrum thyrsoideum** Gürke (1900)

293

Syn.: *C. streptocaulon* Hutch. & Dalziel (1931) 273.

Woody climber, in riparian forest and wet grass savannah.

mPhC – AfT – N, S, E – fl: xi, xii; fl&amp;fr: xii; fr: i

**Clerodendrum umbellatum** Poir. (1804a) 166

Woody climber or shrub, in forest, thicket, woodland and savannah woodland; also in rainfed crops and disturbed areas.

mph(C) – GC/SZ – S – fl: x-i; fl&amp;fr: xi, xii; fr: i, xi

**Englerastrum nigericum** Alston (1926) 298

Annual herb, in savannah woodland and wet grass savannah.

Th – G – N, E – fl&amp;fr: ix, xii

**Haumaniastrum buettneri** (Gürke)

J.K. Morton (1962) 267

Bas.: *Acrocephalus buettneri* Gürke (1894) 198.

Perennial herb, in savannah woodland and wet grass savannah.

Hem – G – N, E – fl: x-xii

V.N.: bâè-bâè (fu); ussúnculum-ô (md).

**Haumaniastrum caeruleum** (Oliv.)

J.K. Morton (1962) 267

Bas.: *Acrocephalus caeruleus* Oliv. (1875) 135.Syn.: *A. heudelotii* Briq. (1894a) 689; *A. lagoensis* Baker (1895) 152.

Perennial herb, in savannah woodland.

Hem – AfT – E – fl: xi

**Haumaniastrum lilacinum** (Oliv.) J.K. Morton

(1962) 266

Bas.: *Acrocephalus lilacinus* Oliv. (1875) 135, t. 134.Syn.: *A. centratheroides* Baker (1900) 356;*A. polytrichus* Baker (1900) 358.

Perennial herb, in woodland and wet grass savannah; also in rainfed crops.

Hem – AfT – E – fl: x-xii; fl&amp;fr: i

**Hoslundia opposita** Vahl (1804) 212Syn.: *H. oppositifolia* P. Beauv. (1806) 53, t. 33;*H. verticillata* Vahl (1804) 213.

Small shrub, in forest, woodland, savannah woodland and riparian forest.

nph – AfT – N, S, E, B – fl: x, xi; fl&amp;fr: ix-iii

V.N.: nhambairam-kéo, nhambairam-qué-ô (md); ôpote (pp).

**Hyptis atrorubens** Poit. (1806) 466, t. 27Syn.: *H. atrorubens* var. *africana* Epling (1936) 279.

Perennial herb, in wet grass savannah.

Hem – AfAm – N – fr: iv, xii

V.N.: embinzè (ba); opóte (pp).

**Hyptis lanceolata** Poir. (1813) 114

Syn.: *H. lanceifolia* Thonn. (1827) 261; *Leucas poggeana* Briq. (1894b) 193.

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – AfAm – N, S, E – fl&fr: vi-i; fr: v, vi, xii  
V.N.: toa-toi (fu); cumudésó (md).

**<sup>1</sup>Hyptis spicigera** Lam. (1789) 185

Annual herb, in savannah woodland, riparian forest, on river banks, palm groves, wet grass savannah and herbaceous steppe of the lateritic cuirasses; also in flooded rice fields, rainfed crops and other disturbed areas.

Th – Pan(Am) – N, S, E – fl: x; fl&fr: x-xii; fr: xii-iv

V.N.: embinzé, pok-uthoé (ba); boro-boro, nhambairam (fu).

Introduced species, with medicinal use, native to tropical America, at present naturalized.

**<sup>1</sup>Hyptis suaveolens** (L.) Poit. (1806) 472, t. 29

Bas.: *Ballota suaveolens* L. (1759b) 1100.

Annual herb, in woodland, savannah woodland, riparian forest, palm groves; also in flooded rice fields, rainfed crops and other disturbed areas.

Th – Pan(Am) – N, S, E, B – fl: x; fl&fr: ix-ii  
V.N.: padja-de-musquito, palha-mosquito (cr); lubábibe, nhambairam (fu).

Introduced useful plant, native to tropical America, at present naturalized.

**Isodictyophorus reticulatus** (A.Chev.)

J.K. Morton (1962) 272

Bas.: *Coleus reticulatus* A.Chev. (1912a) 200.

Syn.: *Coleus casamanicus* A.Chev. ex Hutch. & Dalziel (1931) 231.

Small shrub, in riparian forest; also in flooded rice fields.

nph – G – E – fl: x; fl&fr: xii

**Leonotis nepetifolia** (L.) R.Br. ex W.T.Aiton (1811b) 409

Bas.: *Phlomis nepetifolia* L. (1753) 586.

Annual herb, in savannah woodland; also in disturbed areas.

Th – AfT – N, B – fr: iv, xii

**Leucas martinicensis** (Jacq.) R.Br. (1810) 504

Bas.: *Clinopodium martinicense* Jacq. (1760) 25.

Syn.: *Phlomis mollis* Schumach. & Thonn. (1827) 263.

Annual herb, in rainfed crops.

Th – Pan – E – fl: x, xi

V.N.: towa-towé (fu).

**Neohyptis paniculata** (Baker) J.K. Morton (1962) 273, t. 19

Bas.: *Geniosporum paniculatum* Baker (1900) 351.

Syn.: *Hyptis quadrialata* A.Chev. (1920) 522.

Perennial herb, in wet grass savannah.

Hem – AfT – N, E – fl: xi, xii; fl&fr: i

**Ocimum americanum** L. (1755) 15

Syn.: *O. canum* Sims (1824) t. 2452.

Annual herb, in disturbed areas.

Th – Pan – S – fl&fr: xii

**Ocimum basilicum** L. (1753) 597

Perennial herb, in savannah woodland; also in rainfed crops and other disturbed areas.

Hem – Pan – N, E, B – fl: x; fl&fr: viii, x; fr: i

V.N.: pucrê (bj); nhambeira (cr); sucora (ff); sissé-djambó, nhambairam-queô (md).

A useful species, perhaps native to Asia and naturalized after ancient introduction.

**<sup>1</sup>Ocimum gratissimum** L. (1753) 1197

Syn.: *O. viride* Willd. (1809) 629.

Subshrub, in palm groves; also ruderal.

nph – Pan(As) – N, S, B – fl&fr: x, xii; fr: i

V.N.: doreda, doréda (cr).

Introduced useful species, native to Asia, formerly cultivated and now sub-spontaneous.

**Platostoma africanum** P.Beauv. (1818) 61, t. 95

Annual herb, in savannah woodland and small lake margins; also in rainfed crops and other disturbed areas.

Ter – Pal – S, E – fl: ix, x; fr: ix, xi

**Plectranthus monostachyus** (P.Beauv.) B.J. Pollard subsp. **monostachyus** (2001) 980

Bas.: *Ocimum monostachyum* P.Beauv. (1818) 60, t. 95.

Syn.: *Solenostemon monostachyus* (P.Beauv.) Briq. (1897) 359; *S. ocymoides* Schumach. & Thonn. (1827) 271; *S. ocymoides* var. *monostachyus* (P.Beauv.) Baker (1900) 421.

Annual herb, in woodland, savannah woodland and small lake margins; also in rainfed crops and disturbed areas.

Th – AfT – S, E – fl: viii-xii; fl&fr: x; fr: ix, xi

- Plectranthus peulhorum** (A. Chev.) J.K. Morton (1962) 268  
Bas.: *Coleus peulhorum* A. Chev. (1909a) 123.  
Annual herb.  
Ter – G  
V.N.: macabrae (md).  
Species known only from bibliographic reference (Espírito Santo 1963).
- Premna hispida** Benth. (1849) 485  
Shrub or woody climber, in forest, thicket, woodland, wet grass savannah and mangrove borders.  
mph(C) – SG – N, S – fl: xii-iii; fl&fr: iii, v; fr: iv  
V.N.: vingala-di-mindjer (cr); cumechôssas (fu); lubafai, lumba-fai, lunbajai (nl); comisso (ss); angofriofro (td).
- Premna quadrifolia** Schumach. & Thonn. (1827) 275  
Shrub or woody climber, in forest, thicket and savannah woodland.  
mph(C) – G – N, S – fl&fr: vi; fr: ix
- Vitex doniana** Sweet (1827) 323  
Syn.: *V. cuneata* Thonn. ex Schumach. (1827) 289; *V. cienkowskii* Kotschy & Peyr. (1867) 27, t. 12.  
Tree or shrub, in woodland, savannah woodland, riparian forest, along river margins and in wet grass savannah.
- mPh – SGC – N, S, E, B – fl: ii-iv; fl&fr: iv; fr: v, ix  
V.N.: múni, múri (ba); bugúa (the plant), mangúa (the fruit) (bf); n'bumbo, ubumbo, ubunvo (bj); cetona, cetona-pequeno, cetona-preta (cr); bujinke (dj); prunier-noir (fr); búmé (fu); cutóbulo, cutubulô (md); bessápale, munsopane (mj); gúa (pp).
- Vitex ferruginea** Schumach. & Thonn. (1827) 288  
Syn.: *V. fosteri* C.H. Wright (1908) 437.  
Shrub or tree, in woodland.  
mph – GC – N, S – fl: v
- Vitex madiensis** Oliv. subsp. **madiensis** (1875) 134, t. 131  
Shrub or tree, in woodland and savannah woodland.  
mph/mPh – GC/SZ – N, S, E – fl: ii; fr: ii-ix  
V.N.: muni (ba); bugúa (the plant), mangúa (the fruit) (bf); azeitona, azeitona-pequeno, cetona, cetona-pequena (cr); bumé, bume-ainacobe (fu); intopinha, n'ssogorro (nl); kukukunkuri (ss); anhongore (td).

## LAURACEAE – 1 genera; 1 species

FWTA 2nd ed. 1: 56–58; EPFAT 1: 41–43; FIS 4: 237–243.

A large family of trees, shrubs and some parasitic climbers, most diverse in Southeast Asia and tropical America but distributed in all the tropics, subtropics and some genera also in temperate regions.

- Cassytha filiformis** L. (1753) 35  
Syn.: *C. guineensis* Schumach. & Thonn. (1827) 199; *C. senegalensis* A. Chev. (1938) 46.  
Perennial climbing herb, parasite.  
V.N.: dacacdufe (ba); udamba (bj); panábanáb (cb); rédea-de-santcho (cr).  
??P – Pan – N, S, B – fl: x, xii; fl&fr: ix-iv; fr: xi-iv

## LEEACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 683 (in Ampelidaceae); EPFAT 2: 197.

A small paleotropical family with only one genus of trees, shrubs and herbs.

- Leea guineensis** G. Don (1831) 712  
Shrub, in forest.  
mph – AfT – S – fr: i, ii

LEGUMINOSAE subfam. CAESALPINIOIDEAE (CAESALPINIACEAE) – 17 genera;  
30 species, 3 introduced, 2 naturalized, 1 sub-spontaneous

FWTA 2nd ed. 1: 439–484; EPFAT 2: 37–57; FIS 4: 271–437.

A mainly tropical and subtropical sub-family of trees, shrubs, climbers and herbs. Most of the 30 autochthonous or presumably autochthonous species in the country are woody plants. Seventeen are trees, five are small trees or shrubs, one is a shrub and two are shrubs or woody climbers, occurring mainly in forest, woodland and savannah woodland, and less frequently in palm groves, riparian forest and on river banks, wet grass savannah, mangrove borders and coastal sands. The five herbaceous species are all annuals, four of them from the genus *Chamaecrista*. They are found mostly in woodland, savannah woodland and wet grass savannah, as well as adventive in rainfed cultures, flooded rice fields and disturbed places. The three introduced species are trees and shrubs occurring mainly in woodland, palm groves and savannah woodland as well as in rainfed crops and disturbed areas.

**Azelia africana** Sm. ex Pers. (1805) 455

Tree, in forest, woodland, savannah woodland, riparian forest, on river banks.

mPh – SG – N, S, E, B – fl: iii-iv; fr: v-i

V.N.: biiguê, pega (ba); pau-conta, pó-de-conta (cr); aru, oru (cs); lengue, lénguei (ff); lengueje, leoncó, luengue (fu); bignáni (mc); lencom-ô, linqué (md); becancha, becancla, congô, gongô (mj); butáua, butone (pp).

Species considered as vulnerable in the region by Hilton-Taylor (2000).

**Anthonotha crassifolia** (Baill.) J.Léonard (1955) 202

Bas.: *Vouapa crassifolia* Baill. (1865–1866) 179.

Tree, in forest, woodland, savannah woodland, riparian forest, on river banks.

mPh – SG – S, E – fl: xi, xii; fl&fr: xi, xii, i; fr: xii-v

V.N.: bufelbem (bf); búbè, corobaque (fu); brobaque, coibalé, confé corobaque, coufê (nl); côfe (ss).

**Bauhinia rufescens** Lam. (1783) 391

Shrub or small tree in coastal sands and disturbed areas.

mPh – SG – N, E – fl&fr: viii-ii; fr: i, iv

V.N.: namani, námari (fu).

**Cassia sieberiana** DC. (1825a) 489

Small tree or shrub, in woodland, savannah woodland, palm groves and on river banks.

mPh – S – N, S, E, B – fl: ix-vi; fl&fr: xi; fr: x-ii

V.N.: p'fonante (ba); bissindje, bussindja (bf); caquecequece (bj); canafistra, canafístula, sambassinague (cr); samba-cinirão, samsidjam, samba-sindjandje samba-sinhangho, sambasinhanha, sambassinhamé, sandjoné,

sanfoné, sanjoué (fu); sindjam-ô (md); bentape, n'tame, untame (mj); betame (pp).

**Chamaecrista absus** (L.) H.S. Irwin & Barneby (1982) 664

Bas.: *Cassia absus* L. (1753) 376.

Annual herb, in woodland, savannah woodland and wet grass savannah; also in flooded rice fields and rainfed crops.

Th – Pal – N, S, E, B – fl: ix, x; fl&fr: ix-iii

**Chamaecrista jaegeri** (Keay) Lock (1988) 337

Bas.: *Cassia jaegeri* Keay (1956b) 375.

Annual herb, in woodland and savannah woodland.

Th – S – N, S, E – fl&fr: xi-i; fr: ii

**Chamaecrista mimosoides** (L.) Greene (1899) 27

Bas.: *Cassia mimosoides* L. (1753) 379.

Annual herb, in woodland, savannah woodland, wet grass savannah and coastal sands; also in rainfed crops, flooded rice fields and other disturbed areas.

Th – Pal – N, S, E, B – fl: vii-iii; fl&fr: vi-i; fr: ii, ix

V.N.: tequeli-toquedi (ba); nerendinlolê-faró, netendum, sendjoel (fu); nerendim (cr); cila-cantô-uenrão (md).

**Chamaecrista nigricans** (Vahl) Greene (1899) 30

Bas.: *Cassia nigricans* Vahl (1790) 30.

Annual herb, in savannah woodland; also in rainfed crops.

Th – Pal – N, E – fl: x, xi; fl&fr: xi-i; fr: ii, x

V.N.: mássacáli (ba); bara-bubel, láli-bába, macarra-bubel (fu); chila-já-lô, silatalô (md); bôno (pp).

- Copaifera salikounda** Heckel (1891) 4, t. 16  
Large tree, in forest.  
MPh – G – S – fr: v
- Crudia senegalensis** Planch. ex Benth. (1866) 314  
Tree, along river banks and mangrove borders.  
mph – GC – N, S, B – fr: ii-vi  
V.N.: econtontom (bj); mabódó (md); n'tchalila, untchalila (pp).
- Cynometra vogelii** Hook. f. (1849) 328  
Small tree or shrub, in riparian forest and on river banks.  
mph – SG – S, E – fl: xii-ii; fr: ii-viii
- Daniellia ogea** (Harms) Rolfe ex Holland (1911) 268  
Bas.: *Cyanothyrsus ogea* Harms (1899) 270.  
Tree in riparian forest.  
mPh – G – N – fl: i
- Daniellia oliveri** (Rolfe) Hutch. & Dalziel (1928b) 382  
Bas.: *Paradaniellia oliveri* Rolfe (1912) 96.  
Tree, in woodland and savannah woodland.  
mPh – SGC – N, S, E, B – fl: i, ii; fl&fr: i; fr: i, ii, iv  
V.N.: bóbe (ba); ucumbo (bj); pau-incenso, pó-de-incenso (cr); si-bink (cs); santan (fr); tchébè, tchéne, tchéne, tchési (fu); santam-ô, santam-um, santamô, santangô, santani (md); becúncaro, biécar (mj); boto, m'bétá (nl); rúngulo, untande (pp); kaméuri (ss).
- Daniellia thurifera** Benn. (1855) 252  
Tree, in forest.  
mPh – GC – S – fr: vi  
V.N.: bóbe (ba); pó-de-incenso (cr); tchébè, tchéne (fu); becúncaro, biécar (mj); rúngulo, santam-ô, santangô (md); untande (pp).
- Detarium microcarpum** Guill. & Perr. (1832) 271  
Small tree, in forest, woodland, savannah woodland and palm groves.  
mph – S – N, S, E, B – fl: ix, x; fr: i-iv  
V.N.: códóde (bj); mamboli (cr); bôto, compon-dôgô, pompôdôgô (fu); sárôco, sara-ôncô (md); m'betá, m'petch (nl); amule (td).
- Detarium senegalense** J.F. Gmel. (1791) 700  
Tree, in forest, woodland, mangrove borders and coastal sands.  
mPh – Pan – N, S, E, B – fl: iii, iv; fr: ii-xii
- V.N.: bobode (bf); cudoce (bj); mambode (cr); boto, pó-pondogo, querenduta (fu); mabodô, sarôco (md); bumbuar (mj); bórre (pp).
- Dialium guineense** Willd. (1796) 30, t. 6  
Tree, in forest, woodland, savannah woodland, palm groves, wet grass savannah and margins of rivers and small lakes.  
mPh – SG – N, S, E, B – fl: x-i; fr: i-iv  
V.N.: m'boié, n'boi, umboi (ba); bufarô (bf); epádum (bj); beludo, pau-veludo, pó-de-veludo, veludo (cr); uparan (fs); boiè-maio, cos-siráe, mèco, moquê (fu); citó, cossitô, moquê (md); bebúí, bubúí (mj); m'bim, m'bimbe (nl); moquê (ss); atenguengelere (td).
- Erythrophleum africanum** (Welw. ex Benth.) Harms (1913) 298  
Bas.: *Gleditschia africana* Welw. ex Benth. (1866) 304.  
Tree, in savannah woodland and mangrove borders.  
mPh – AfT – N, E – fl: iv-x; fr: viii-ii  
V.N.: corombel, gerombéle, gorombe, pele, péli, querenduta (fu); cursonsum-ô, cussosom (md).
- Erythrophleum suaveolens** (Guill. & Perr.) Brenan (1960) 194  
Bas.: *Fillaea suaveolens* Guill. & Perr. (1832) 242, t. 55.  
Syn.: *E. guineense* G. Don (1832) 424.  
Large tree, in forest, woodland and savannah woodland.  
MPh – Pal – N, S, E – fl: iv; fr: xi-v  
V.N.: betomo, otone (ba); budatchai (fs); talidje, téli (fu); mancone, manconi (cr); mǎṅone (cs); tébi (ff); buirame (fl); betitche (mc); tálô (md); baier (= amarga), bentabe (mj); betitche (pp).
- Guibourtia copallifera** Benn. (1857) 150  
Syn.: *Copaifera copallifera* (Benn.) Milne-Redh. (1934b) 400.  
Tree, in forest and on river banks.  
mPh – S – N, S – fr: i  
V.N.: pó-de-féro (cr); melámberi, ussera (mj); pau-ferro (pt).
- Guibourtia leonensis** J. Léonard (1950) 271, f. 27  
Tree, in forests.  
mPh – G – N – fr: ii-iv

**Guilandina bonduc** L. (1753) 381

Syn.: *Caesalpinia bonduc* (L.) Roxb. (1832) 362.

Shrub or woody climber, in woodland, palm groves, on river banks, mangrove borders and coastal sands.

mph(C) – Pan – S, B – fl: v, xii; fl&fr: ii, x; fr: iv-xii

V.N.: epantô, or, orè (bj); or, oré (cr); úri (fu).

**Mezoneuron benthamianum** Baill. (1865–1866) 196

Syn.: *Caesalpinia benthamiana* (Baill.) Herend. & Zarucchi (1990) 854.

Shrub or woody climber, in forest, woodland, savannah woodland, palm groves and mangrove borders.

mph(C) – GC – N, S, E, B – fl: xii-iii; fl&fr: i, iv; fr: i-v

V.N.: mougue-netompo (ba); m'pôti, nopote, nuputa (bj); humohía (cb); ferida-preto, fidida, unha-di-onça (cr); buropod (cs); búrlè (fu); solim-n'ganin-ô (md); n'pinkind-zé, pinkit-zé (nl); tchifla (pp); tumbebele (ss).

**Piliostigma reticulatum** (DC.) Hochst. (1846) 599

Bas.: *Bauhinia reticulata* DC. (1826b) 484.

Small tree, in savannah woodland.

mph – SS – E, B – fr: xii

V.N.: pouúnquè (ba); canná, epamámbó (bj); bárquè (fu); fará (md); n'toncre, untoncre (pp).

**Piliostigma thonningii** (Schumach. & Thonn.) Milne-Readh. (1947a) 2, t. 3460

Bas.: *Bauhinia thonningii* Schumach. & Thonn. (1827) 203.

Shrub or small tree, in woodland, savannah woodland, and palm groves.

mph – AfT – N, S, E, B – fl: ix-xii; fr: i-xii

V.N.: boá, mansonca, mansanca, pouúnquè (ba); fará, bufará (bf); canna, epamámbó, epan-dando (bj); fará, panu-di-kankora (cr); budandepe, bupande (fs); baiqué, bárquè, barquedje, barqueiê, bongué, fará (fu); fará (md); impukui, m'bukui mukui (nl); n'tangré, n'toncre, untoncre (pp).

**<sup>1</sup>Senna alata** (L.) Roxb. (1832) 349

Bas.: *Cassia alata* L. (1753) 378.

Shrub, in woodland; also in the margin of flooded rice fields, rainfed crops and disturbed areas, mainly near the villages.

mph – AfAm(Am) – N, S, E – fl: xi, i; fl&fr: xi; fr: iii, xii

V.N.: cortalinde, sindjô-el (fu).

A useful species, whose seeds are used to make a substitute of coffee, native to tropical America, introduced probably to cultivation and nowadays naturalized.

**<sup>1</sup>Senna obtusifolia** (L.) H.S.Irwin & Barneby (1982) 252

Bas.: *Cassia obtusifolia* L. (1753) 377.

Shrub, in woodland, palm groves and on river banks; also in rainfed crops and other disturbed areas.

nph – Pan(Am) – N, S, E, B – fl: ix-xi; fl&fr: x-i; fr: v, xii

V.N.: tchunta (ba); nachanocu (bj); pintcheira-do-mato (cr); ulódje (fu); djambadúrô (md); ubangue (pp).

Introduced and naturalized species, native to tropical America.

**Senna occidentalis** (L.) Link (1831) 140

Bas.: *Cassia occidentalis* L. (1753) 377.

Annual herb, in rainfed crops and other disturbed areas.

Th – Pan – N, S, E, B – fl: xi, xii; fl&fr: i-xii; fr: xi-iii

V.N.: méta, m'bamppte, m'panté (ba); padja-santa, palha-santa (cr); fédégosa (cs); gendjoel (ff); caputamunambá (fs); coro-talindim, cunaláti (fu); becó-binhále (mj); n'pankanise (nl); bangai (pp).

**Senna podocarpa** (Guill. & Perr.) Lock (1988) 340

Bas.: *Cassia podocarpa* Guill. & Perr. (1832) 259.

Shrub, in woodland, riparian forest and palm groves.

mph – GC – N, S, E, B – fl&fr: ix-xii; fr: x-ii

V.N.: m'panté (ba); palha-santa (cr); ridjame, sidfame, sindfuel, sindjouel (fu); djandjam-cafae (md); beuroque (pp).

**<sup>1</sup>Senna siamea** (Lam.) H.S.Irwin & Barneby (1982) 98

Bas.: *Cassia siamea* Lam. (1785) 648.

Tree or shrub, in savannah woodland; also planted as ornamental.

mPh – Pan(As) – N, S – fl&fr: iv, v

V.N.: cassia (cr).

Introduced species, sub-spontaneous, native to tropical Asia.



## LEGUMINOSAE subfam. MIMOSOIDEAE (MIMOSACEAE) – 11 genera; 23 species

FWTA 2nd ed. 1: 484–504; EPFAT 2: 23–36; FIS 4: 439–591.

A large sub-family of trees, shrubs and some climbers and herbs, mainly tropical and subtropical. Among the 23 Mimosoideae species native to the country, only *Neptunia oleracea*, an helophyte occurring in rivers and wet grass savannah, is herbaceous. The Mimosoideae occur in woodland and savannah woodland, as well as in forest, palm groves, on river banks and riparian forests and wet grass savannah. Most of the species are trees and shrubs and there are also a few woody climbers.

**Acacia kamerunensis** Gand. (1913) 459

Syn.: *A. pennata* sensu E.P.Sousa (1950b) 20, non (L.) Willd. (1806) 1083.

Woody climber, in forest, riparian forest and on river banks.

mPhC – GC – N, S, E – fl: xii; fr: vi

V.N.: cobaga-ê, conecam, empantanca, unchám-pô (bj); untchaintchain (cb); faróba-de-lala, farroba-de-lala (cr); caroubier (fr); catchena (fs); marnei, nétèmàe, néto-máió (fu); netô-farô (md); bianque (mj); masamp-thai (nl); alfarroba (pt); uasa-fiké (ss).

**Acacia macrostachya** Rchb. ex DC. (1825a) 459

Syn.: *A. ataxacantha* sensu E.P.Sousa (1948) 39, non DC. (1825a) 459.

Small tree or shrub, in woodland and savannah woodland.

mPh – S – N, S, E – fl: vi; fl&fr: viii; fr: i-xii

V.N.: pau-de-ferida, pau-ferida (cr); gáudè, tanda-sara (ff); bula-bali, bule, búrlé, quide, tchide (fu).

**Albizia altissima** Hook.f. (1849) 332

Syn.: *Arthrosamanea altissima* (Hook.f.) G.C.C. Gilbert & Boutique (1952) 182; *Cathormium altissimum* (Hook.f.) Hutch. & Dandy (1928) 401; *Pithecellobium* ('*Pithecolobium*') *altissimum* (Hook.f.) Oliv. (1871) 364.

Tree, in forest and riparian forest.

mPh – GC – S, E – fl&fr: iii, xii; fr: i, iv, xii

V.N.: nétéchangó (fu).

**Acacia nilotica** subsp. **adstringens** (Schumach. & Thonn.) Robery (1948) 150

Bas.: *Mimosa adstringens* Schumach. & Thonn. (1827) 327.

Syn.: *A. nilotica* var. *adansonii* (Guill. & Perr.) Kuntze (1891a) 156.

Small tree or shrub, in savannah woodland.

mPh – SZ – S, E – fl&fr: iv; fr: iii, xi, xii

V.N.: gáudè (ff); quide, tchide, tchinde (fu); betámpale (mc); banô, gande (md).

**Albizia dinklagei** (Harms) Harms (1915) 455

Bas.: *Mimosa dinklagei* Harms (1899) 253.

Syn.: *Samanea dinklagei* (Harms) Keay (1954b) 488; *Cathormion dinklagei* (Harms) Hutch. & Dandy (1928) 401.

Tree or shrub, in forest, woodland, savannah woodland, riparian forest, on river banks, palm groves, wet grass savannah and mangrove borders.

mPh – GC – N, S, E, B – fl&fr: iii, xii; fr: i, xii

V.N.: nasce-fôre (ba); correré (bj); bansabúle (bm); farroba-de-mato (cr); gáúde (ff); bu-bricaramba (fs); netechaguhól, sindjadjálê, sindjalale (fu); masamp, masamp-tchill, masang-na (nl); ussúmbulo (pp); safatá, uasafore, (ss).

**Acacia sieberiana** DC. subsp. **sieberiana** var. **sieberiana** (1825a) 463

Small tree or shrub, in savannah woodland.

mPh – AfT – E – fr: i

**Albizia ferruginea** (Guill. & Perr.) Benth. (1844) 88

Bas.: *Inga ferruginea* Guill. & Perr. (1832) 236.

Tree, in forest, woodland and riparian forest.

mPh – GC – N, S, E, B – fl: iv, v; fl&fr: v; fr: i-v

V.N.: untchampo (bj); faróba-de-lala, farroba-de-lala (cr); furbirô (cs); marnei, nete-maio (fu); farranetó (md).

Species considered vulnerable in the region by Hilton-Taylor (2000).

**Albizia adianthifolia** (Schumach.) W. Wight (1909) 12

Bas.: *Mimosa adianthifolia* Schumach. (1827) 322.

Syn.: *A. gummifera* (Gmel.) C.A.Sm. (1930) 218.

Tree, in forest, woodland, savannah woodland and palm groves.

mPh – AfT – N, S, E, B – fl: ii, iv, v; fl&fr: vi; fr: i-iii

**Albizia glaberrima** (Schumach. & Thonn.)Benth. var. **glaberrima** (1844) 88Bas.: *Mimosa glaberrima* Schumach. & Thonn. (1827) 321.Syn.: *Pithecellobium glaberrimum* (Schumach. & Thonn.) Aubrév. (1950) 290.

Tree or shrub, in woodland and savannah woodland.

mPh – AfT – N, S, E – fr: i-iii

V.N.: uarmáma (fu); tangalamara (md).

**Albizia rhombifolia** Benth. (1844) 87Syn.: *Cathormion rhombifolium* (Benth.) Keay (1954b) 489.

Tree, in riparian forest, on river banks.

mPh – GC – N, E – fl: xii-ii; fr: iii-iv

V.N.: djégo, nétè-cula (fu); d'jagu (md); quéqué-camacama (ss).

**Albizia zygia** (DC.) J.F. Macbr. (1919) 3Bas.: *Inga zygia* DC. (1826a) 440, t. 65.

Tree or shrub, in forest, woodland, savannah woodland, palm groves and wet grass savannah.

mPh – AfT – N, S, E, B – fl: iii-v; fl&amp;fr: ii, iv; fr: i-v, ix

V.N.: biaioga, buiaioga (bf); cobaga-ê (bj); pó-de-raio (cr); bunike (fs); mabodadi, marroné, tali, taliba, uarmáma (fu); tangalamára (md); masamp, msamp-m'boko (nl); tombonka're (ss).

**Dichrostachys cinerea** subsp. **platycarpa**

(Welw. ex W. Bull) Brenan &amp; Brummitt var.

**platycarpa** (1965) 73Bas.: *D. platycarpa* Welw. ex W. Bull (1866) 4.

Shrub or small tree, in woodland, savannah woodland, palm groves, on river banks and mangrove borders; also ruderal and invasive in cultivated lands.

mph – SZ – N, S, E, B – fl: ii-x; fl&amp;fr: xii; fr: x-ii

V.N.: biohé-mone, duê (ba); emudu (bj); fedida-branco, ferida-preto; fididi-preta, pau-ferida, pó-de-fidida-preto (cr); sipiñan (cs); bulabê-lê, bula-bétê, bulé, bule-baledje, bulu-caledje, búrlê, burlei, búrlê-lubode, búrlê-lubodje, búrlí (fu); n'gami-coiô, n'gari-coiô (md).

**Entada africana** Guill. & Perr. (1832) 233Syn.: *E. sudanica* Schweinf. (1868b) 8, t. 8.

Shrub or small tree, in savannah woodland.

mph – SZ – S, E – fl: v; fr: viii-ii

V.N.: bonome (bf); pade-pade, papadar (fu).

**Entada mannii** (Oliv.) Tisser. (1953) 257Bas.: *Piptadenia mannii* Oliv. (1871) 329.

Woody climber or shrub, in woodland, palm groves and mangrove borders.

mph(C) – GC – N, S, B – fl: xi; fr: xi-iii

V.N.: bonome (bf).

**Entada rheedei** Spreng. (1825b) 325Syn.: *E. pursaetha* DC. (1825a) 245; *E. gigas* sens. auct. afr. div. non (L.) Fawc. & Rendle (1920) 124.

Woody climber, in woodland, palm groves and mangrove borders.

mPhC – Pal – S, B – fl&amp;fr: iv

V.N.: gúmpé (bj); gunguro (fu); bumburandje (ss).

**Entada wahlbergii** Harv. (1862) 277Syn.: *E. flexuosa* Hutch. & Dalziel (1928a) 356.

Woody climber, in woodland and savannah woodland.

mphC – SZ – E – fl: vi, vii; fr: x

**Faidherbia albida** (Delile) A. Chev. (1934) 876Bas.: *Acacia albida* Delile (1813) 142, t. 52.

Tree, in woodland, savannah woodland, palm groves and coastal sands.

mPh – Pal – N, E, B – fl: xi-iv; fl&amp;fr: i, xii; fr: iii, xi

V.N.: bioépi, djúê (ba); camude, camudé, camudo (bj); biongômo (bm); ferida-branco, pau-ferida, pó-de-ferida-branco (cr); sipiñã, sipiñã-brabu (cs); busseu-uliba (fl); cad (fr); bubirique (fs); borassanhe, buladanêlhe, bulé, búrlê-danédjo, marroné, (fu); betampale (mc); borassam, borassam-ô (md); butchampele (mj); ussimpulo (pp).

**Mimosa pigra** L. (1755) 13Syn.: *M. asperata* L. (1759b) 1312.

Small shrub, in palm groves, wet grass savannah, rivers and margins of small lakes and temporary pools.

nph – AfT – N, E, B – fl: xii; fl&amp;fr: iv, xi; fr: ii, iii, v

V.N.: nâncingué (fu).

**Neptunia oleracea** Lour. (1790) 654

Perennial herb, in wet grass savannah and rivers; also in flooded rice fields.

Hel – Pan – N, E – fr: xi, xii

V.N.: nerrendim (fu).

**Parkia biglobosa** (Jacq.) R.Br. ex G. Don  
(1830) 277

Bas.: *Mimosa biglobosa* Jacq. (1763) 267.

Syn.: *P. clappertoniana* Keay (1955) 209.

Tree, in woodland and savannah woodland.

mPh – AfAm – N, S, E, B – fl: iii, iv; fr: iv, x

V.N.: gante, mehanté (ba); biáíe, buiái (bf); canhando (the fruit), em-bando, nándo, n'andu, unhando (tree) (bj); faroba, farôba, farroba, farrobe (cr); poroba (cs); caroubier-africain, mimosa-poupre (fr); néré, netch, nétè (fu); olélè, ulélè (mc); nétè (md); ií (nl); olélè, ulélè (pp); néri (ss); anjambane (td).

**Pentaclethra macrophylla** Benth. (1841a) 330

Large tree, in forest, woodland, riparian forest, on river banks.

MPh – GC – N, S, B – fl: iii, vi; fr: xi-ii

V.N.: n'tantass (ba); coquenguer (bj); pao-di-godré (cs); sindjam-djané (ff); marroné (fu); biague (mc); biague (mj); uáúá (nl); bénguê (pp); árvore-das-marés (pt).

**Prosopis africana** (Guill. & Perr.) Taub. (1893–1894) 119

Bas.: *Coulteria africana* Guill. & Perr. (1832) 256.

Tree, in woodland, savannah woodland and palm groves.

mPh – SGC – N, S, E, B – fr: x-xii

V.N.: cachem-cachão, teacali-mand, tenera (ba); buiengué, bussagan (bf); pau-carvão, pó-carvão, pó-de-carbom, po-di-carvom (cr); karbon, késeg-késeg (cs); tchelem (ff); tchalem-ai, tchela, tchelangadje, tchela-tchelangage, tchelem (fu); bal-tencali, culengô, culim-ô, djandjam-ô, quéssem-quéssem (md); djeiha, ogea (pp).

**Tetrapleura tetraptera** (Schumach. & Thonn.) Taub. (1891) 395

Bas.: *Adenanthera tetraptera* Schumach. & Thonn. (1827) 213.

Tree, in woodland and on river banks.

mPh – AfT – N, S – fl: iv; fl&fr: v

V.N.: bonome (bf).

LEGUMINOSAE subfam. PAPILIONOIDEAE (PAPILIONACEAE) –  
49 genera, 3 introduced;

184 species, subspecies and varieties, 11 introduced, 8 naturalized, 3 sub-spontaneous

FWTA 2nd ed. 1: 505–587; EPFAT 2: 57–126; FIS 5: 13–633.

A very large sub-family of herbs, shrubs, trees and climbers, widespread in temperate, tropical and subtropical regions, the Papilionoideae is also the largest family in the flora of the country. Among the 173 autochthonous species, about three quarter are herbs and one quarter woody plants. The herbs, 98 annuals and 60 perennials, are found mainly in savannah woodland, as well as in wet grass savannah, woodland, river banks, gallery forest, palm groves and, in a lesser extent, in other habitats. Several of them are also found in disturbed places and as adventives in rainfed cultures and flooded rice fields. Among the 45 woody species, there are 17 climbers, 11 shrubs and subshrubs, eight trees, six shrubs or small trees and three shrubs or woody climbers, occurring in a wide range of habitats: woodland, savannah woodland, forest, gallery forest, rivers, palm groves, mangrove borders and wet grass savannah. Concerning the 11 introduced species, most of them are perennial herbs occurring in disturbed areas as adventives in rainfed cultures as well as in woodland, savannah woodland, and gallery forests. *Vigna subterranea*, a species probably autochthonous to the country, is cultivated for its edible seeds.

**Abrus canescens** Welw. ex Baker (1871) 175

Small woody climber, in forest and riparian forest.

mPhC – AfT – N, S, E – fl: v; fl&fr: xi, xii; fr: xii

V.N.: benambô, bunámbô (bf).

**Abrus fruticosus** Wall. ex Wight & Arn.

(1834) 236

Small woody climber, in palm groves; also in disturbed areas.

mPhC – AfT – S, B – fl: x; fl&fr: xi; fr: x-xii

V.N.: benambô, bunámbô (bf); namé (bj).

**Abrus precatorius** subsp. **africanus** Verdc.  
(1970) 241

Small woody climber, in woodland, savannah woodland and mangrove borders.

mPhC – Pan – N, S, B – fl&fr: x, xi; fr: xii-v

V.N.: benambô, bunámbô (bf); cassenti (fs).

- Abrus pulchellus** Wall. ex Thwaites subsp. **pulchellus** (1859) 91  
Small woody climber, in forest and riparian forest.  
mphC – AfT – N, E – fl&fr: x-xii  
V.N.: benambô, bunâmbô (bf).
- Abrus pulchellus** subsp. **suffruticosus** (Boutique) Verdc. (1970) 249  
Bas.: *A. suffruticosus* Boutique (1955) 127.  
Small woody climber, in riparian forest, on river banks.  
mphC – SZ – N, S, E, B – fl: x; fl&fr: xi; fr: x  
V.N.: benambô, bunâmbô (bf).
- Abrus pulchellus** subsp. **tenuiflorus** (Benth.) Verdc. (1970) 250  
Bas.: *A. tenuiflorus* Spruce ex Benth. (1859) 216.  
Small woody climber, in woodland and palm groves; also in flooded rice fields.  
mphC – AfT – N, S, E – fr: x-xii  
V.N.: benambô, bunâmbô (bf).
- Aeschynomene afraspera** J. Léonard (1954) 64  
Syn.: *A. aspera* sens. auct. pl. non L. (1753) 713.  
Perennial herb, in river and small lake margins.  
Ch – AfT – S, E – fl&fr: ix-xi  
V.N.: bènè-béli (ff, fu).
- Aeschynomene crassicaulis** Harms (1907) 38  
Perennial herb, in wet grass savannah and on river banks; also in flooded rice fields.  
Hel – SGC – E – fl: ix; fl&fr: xi
- Aeschynomene indica** L. (1753) 713  
Annual herb, in wet grass savannah, on river banks and temporary pools.  
Th – Pan – S, E – fl: vii-xi  
V.N.: silatueram-ô, silutuerão (md).
- Aeschynomene schimperii** Hochst. ex A. Rich. (1847) 202  
Perennial herb, in palm groves, wet grass savannah and small lake margins; also in flooded rice fields.  
Ch – AfT – N, S, E – fr: xii; fl&fr: xi-i
- Aeschynomene sensitiva** Sw. (1788) 107  
Annual herb, in wet grass savannah; also in flooded rice fields.  
Th – AfAm – N, S, E – fr: xii; fl&fr: viii-xii  
V.N.: barobogum (ba).
- Aeschynomene tambacoundensis** Berhaut (1954) 7  
Annual herb, in temporary pools.  
Th – S – E – fl&fr: viii-x
- Aeschynomene uniflora** E. Mey. var. **uniflora** (1836) 123  
Subshrub, along river banks and temporary pools.  
Hem – AfT – N – fl&fr: i
- Alysicarpus ovalifolius** (Schumach. & Thonn.) J. Léonard (1954) 88  
Bas.: *Hedysarum ovalifolium* Schumach. & Thonn. (1827) 359.  
Perennial herb or subshrub, in savannah woodland and wet grass savannah; also in rainfed crops and disturbed areas.  
Ch – Pan – E – fl: xi; fl&fr: ix-xi; fr: i, x  
V.N.: sudolo (fu).
- Alysicarpus rugosus** (Willd.) DC. subsp. **rugosus** (1825a) 353  
Bas.: *Hedysarum rugosum* Willd. (1802) 1172.  
Annual herb, in savannah woodland, wet grass savannah, on river banks and coastal sands; also in rainfed crops.  
Th – AfT – N, E, B – fl: x-xii; fr: x-xii
- Andira inermis** subsp. **grandiflora** (Guill. & Perr.) J. B. Gillett ex Polhill (1969) 490  
Bas.: *A. grandiflora* Guill. & Perr. (1832) 254.  
Small tree, in wet grass savannah.  
mph – S – E
- Bakerophyton lateritium** (Harms) Hutch. ex Maheshw. (1967) 238  
Bas.: *Aeschynomene lateritia* Harms (1899) 292.  
Annual herb, in palm groves, wet grass savannah and coastal sands.  
Th – S – N, B – fl: xi, xii  
V.N.: silatueram-ô, silutuerão (md).
- Bakerophyton pulchellum** (Planch. ex Baker) Maheshw. (1967) 238  
Bas.: *Aeschynomene pulchella* Planch. ex Baker (1871) 149.  
Perennial herb, in savannah woodland.  
Hem – G – N, S, E – fl: ii-ix; fl&fr: iv
- Bryaspis lupulina** (Planch. ex Baker) P. A. Duvign. (1954) 153  
Bas.: *Geissaspis lupulina* Planch. ex Baker (1871) 155.

Syn.: *Geissaspis psittacorhyncha* (Webb) Taub. (1893–1894) 321.

Annual herb, in wet grass savannah, rivers and temporary pools; also in flooded rice fields.

ThH – G – N, S, E, B – fl: x-ii; fl&fr: xii

V.N.: egretáe, gretátê (fl).

**<sup>1</sup> *Cajanus scarabaeoides*** (L.) Thouars (1817) 167

Bas.: *Dolichos scarabaeoides* L. (1753) 726.

Perennial climbing herb, in savannah woodland.

Hem – Pan(In) – E – fl&fr: xi, xii; fr: xi, xii

Introduced species, naturalized, native to India and SE Asia.

**<sup>1</sup> *Calopogonium mucunoides*** Desv. (1826) 423

Perennial herb, in palm groves; also in flooded rice fields, rainfed crops and other disturbed areas.

Hem – AfAm(Am) – N, E, B – fl: x; fl&fr: x-iv; fr: xi-ii

V.N.: sumanful (ba), djolondium (md).

Introduced species, naturalized, native to tropical America.

***Canavalia africana*** Dunn (1922) 135

Herbaceous perennial climber, in riparian forest.

ChC – Pal – N – fl&fr: iii

V.N.: fanta, tágalê (fu); tubalô-sóssô (md).

**<sup>1</sup> *Canavalia plagioperma*** Piper (1922) 141

Herbaceous climber, in woodland; also cultivated.

ChC – AfAm(Am) – S – fr: i, v

V.N.: fanta (cr).

Introduced species whose seeds are used for ceremonial purposes, naturalized, native to America.

***Canavalia rosea*** (Sw.) DC. (1825a) 404

Bas.: *Dolichos roseus* Sw. (1788) 105.

Syn.: *C. maritima* Thouars (1813) 80; *C. obtusifolia* (Lam.) DC. (1825a) 404.

Herbaceous perennial climber, in coastal sands and mangrove borders.

ChC – Pan – N, S, B – fl&fr: ix-xii; fr: xii

V.N.: n'habo, nhabo (bj); fanta, tágalê (fu); tobalô-sóssô (md).

**<sup>1</sup> *Centrosema pubescens*** Benth. (1837) 55

Perennial climbing herb, adventive in rainfed crops.

Ch – AfAm(Am) – E – fl&fr: xii

Introduced and naturalized species, native to tropical America.

**<sup>1</sup> *Clitoria falcata*** Lam. (1786) 51

Perennial climbing herb, in savannah woodland.

Ch – AfAm(Am) – S – fl&fr: v

Introduced and naturalized species, native to America.

***Clitoria ternatea*** L. (1753) 753

Perennial climbing herb, in disturbed areas.

Ch – Pan – N – fl&fr: i

***Cordyla pinnata*** (Lepr. ex A. Rich.) Milne-Redh. (1937) 232

Bas.: *Calycandra pinnata* A. Rich. (1831) 31, t. 9.

Tree, in woodland and savannah woodland.

mPh – S – N, S, E – fl: i-iv; fl&fr: ii; fr: v

V.N.: psila (ba); dirqué, dóki, duco, dúki, dúquei, (fu); doto, dúnta, dutos, ulacomô-dutô (md).

***Crotalaria bongensis*** Baker f. (1914) 256

Annual herb, in savannah woodland.

Th – GC/SZ – E – fl&fr: x; fr: xi

***Crotalaria calycina*** Schrank (1817) t. 12

Annual herb, in wet grass savannah and on river banks; also in flooded rice fields.

Th – Pal – E – fl: ix; fl&fr: x, xi; fr: x, xi

***Crotalaria comosa*** Baker (1871) 34

Annual herb, in woodland, savannah woodland, riparian forest and palm groves.

Th – SZ – N, S, E – fr: x, xi; fl&fr: x, xi; fr: xii

V.N.: lic-nalê, lic-ualê (pp).

***Crotalaria confusa*** Hepper (1956) 116

Annual herb, in savannah woodland.

Th – S – N – fr: xi

***Crotalaria deightonii*** Hepper (1956) 113

Annual herb, in savannah woodland.

Th – S – S, E – fl: xi; fl&fr: xii

***Crotalaria ebenoides*** (Guill. & Perr.) Walp.

(1842) 590

Bas.: *Chrysocalyx ebenoides* Guill. & Perr. (1831) 158, t. 43/1.

Annual herb, in savannah woodland.

Th – SS – N, E – fl: x-xii

- Crotalaria glauca** Willd. (1802) 974  
Annual herb, in savannah woodland and wet grass savannah; also in rainfed crops.  
Th – AfT – N, E – fl&fr: x-xii; fr: x  
V.N.: pau (ba, pp).
- Crotalaria glaucoides** Baker f. (1914) 393  
Annual herb, in savannah woodland; also in rainfed crops.  
Th – SS – N, E – fl&fr: xi-xii  
V.N.: pau (ba, pp).
- Crotalaria gorensis** Guill. & Perr. (1832) 165  
Annual herb in savannah woodland and wet grass savannah; also in flooded rice fields, rainfed crops and other disturbed areas.  
Th – AfT – N, S, E, B – fl: xi, xii; fl&fr: x-i; fr: xi-iv  
V.N.: pessoiole (fu); idiranta (mc).
- Crotalaria hyssopifolia** Klotzsch (1861) 55  
Annual herb, in woodland, savannah woodland, palm groves, wet grass savannah and coastal sands; also in flooded rice fields and rainfed crops.  
Th – AfT – N, S, E, B – fl: xi; fl&fr: x-i  
V.N.: bele-belenguele, (fu); timbimbô (md).
- Crotalaria lathyroides** Guill. & Perr. (1832) 163  
Syn.: *C. astragalina* Hochst. ex A.Rich. (1847) 155.  
Annual herb, in savannah woodland and wet grass savannah; also in flooded rice fields.  
Th – AfT – N, S, E, B – fl: x-xii; fl&fr: x-ii; fr: xi-vi  
V.N.: fatanfan (ba); nhiebelalé (fu).
- Crotalaria leprieuri** Guill. & Perr. (1832) 162  
Syn.: *C. vogelii* Benth. (1843) 561.  
Annual herb, in savannah woodland.  
Th – SZ – E – fl&fr: x
- Crotalaria occidentalis** Hepper (1956) 113, f. 1  
Annual herb, in wet grass savannah.  
Th – G – N, E – fl&fr: xii
- Crotalaria ochroleuca** G. Don (1832) 138  
Annual herb in wet grass savannah and on river banks.  
Th – AfT – N, E – fl: xi; fl&fr: ix, xi
- Crotalaria ononoides** Benth. (1843) 572  
Annual herb, in savannah woodland; also in rainfed crops.  
Th – AfT – S, E – fl: viii, x; fl&fr: x; fr: xi-v
- Crotalaria pallida** Aiton var. **pallida** (1789b) 20  
Syn.: *C. mucronata* Desv. (1814) 76.  
Subshrub, in savannah woodland and riparian forest; also in rainfed crops.  
Ch – Pal – N, S, B – fl: x, xi; fl&fr: ix, x; fr: iv, xii  
V.N.: n'tume, untume (ba), n'far, unfar (bf).
- Crotalaria perrottetii** DC. (1825a) 128  
Annual herb, in savannah woodland and palm groves; also ruderal.  
Th – S – N, S, E – fl: ix, xii; fl&fr: xi-ii
- Crotalaria polygaloides** Welw. ex Baker (1871) 15  
Annual herb, in savannah woodland.  
Th – GC/SZ – E – fr: xii-i  
V.N.: quebe (ff).
- Crotalaria retusa** L. (1753) 715  
Annual or short lived perennial herb, in woodland and wet grass savannah; also in rainfed crops and ruderal vegetation.  
Th/Ch – Pan – N, S, E, B – fl: xi, xii; fl&fr: x-v  
V.N.: banta-djaule, tav-tav (cs); werendi (fu).
- Crotalaria trichotoma** Bojer (1835) 265  
Syn.: *C. thomensis* Baker f. (1914) 346, *C. zanzibarica* Benth. (1843) 584.  
Annual herb, in rainfed crops.  
Th – AfT(Mad) – N – fl&fr: ix  
V.N.: banta-djaule, tav-tav (cs); werendi (fu).  
Introduced species, sub-spontaneous, native to Madagascar.
- Cyclocarpa stellaris** Afzel. ex Baker (1871) 151  
Annual herb, in wet grass savannah and temporary pools; also in flooded rice fields.  
Ter – Pal – N, S, E – fl&fr: xi-i
- Dalbergia afzeliana** G. Don (1832) 375  
Woody climber, in riparian forest; also in flooded rice fields.  
mPhC – GC – N, E – fl: v; fr: ii
- Dalbergia boehmii** Taub. (1895) 218  
Small tree or shrub, in forest, woodland, savannah woodland, palm groves and mangrove borders.  
mph – SZ – N, S, E, B – fl: v, vi; fr: i-xii  
V.N.: bierequété (bf); godjoli (fu); n'pessa, umpessa (mj); n'ticambague (nl); simoili (ss); ambrecome (td).

- Dalbergia ecastaphyllum** (L.) Taub. (1893–1894) 335  
 Bas.: *Hedysarum ecastaphyllum* L. (1759b) 1169.  
 Syn.: *Ecastaphyllum brownei* Pers. (1807) 277.  
 Shrub, in woodland, palm groves, on river banks and small lakes, mangrove borders and coastal sands.  
 mph – AfAm – N, S, B – fl: xii-vi; fl&fr: ix; fr: x-i  
 V.N.: búo-oncôbô, mangantem (bf); écontch, ecote (bj).
- Dalbergia hostilis** Benth. (1860) 33  
 Woody climber, in woodland and riparian forest.  
 mPhC – GC/SZ – N – fl: xi; fr: i
- Dalbergia noldeae** Harms (1939) 267  
 Large woody climber, in riparian forest and swamp forests.  
 MPhC – SZ – S, E – fl&fr: xii
- Dalbergia oblongifolia** G. Don (1832) 375  
 Shrub, in savannah woodland.  
 mph – G – S – fl&fr: i
- Dalbergia rufa** G. Don (1832) 375  
 Woody climber, in forest and woodland.  
 mPhC – GC – S, E, B – fl: v; fr: ii
- Dalbergia saxatilis** Hook. f. (1849) 314  
 Woody climber or shrub, in woodland, savannah woodland and riparian forest; also in disturbed areas.  
 mph(C) – GC – N, S, B – fl: x-iii; fl&fr: x; fr: iii-v  
 V.N.: econtonton (bj); sáfirè (fu).
- Desmodium adscendens** (Sw.) DC. var. **adscendens** (1825a) 332  
 Bas.: *Hedysarum adscendens* Sw. (1788) 106.  
 Annual herb, in savannah woodland and palm groves.  
 Th – AfAm – N, S – fl&fr: xi, xii
- Desmodium adscendens** var. **robustum**  
 B.G. Schub. (1952) 290  
 Perennial herb, in riparian forest.  
 Ch – AfT – E – fl&fr: xii, vi
- Desmodium gangeticum** (L.) DC. (1825a) 327  
 Bas.: *Hedysarum gangeticum* L. (1753) 746.  
 Syn.: *D. gangeticum* var. *maculatum* (L.) Baker (1876a) 168.  
 Subshrub or perennial herb, in woodland, savannah woodland, riparian forest, palm groves and wet grass savannah.  
 Ch – AfT – N, S, E – fl: x; fl&fr: ix-iv; fr: i, xii
- Desmodium hirtum** var. **delicatum** (A. Rich.) Harms ex Baker f. (1926) 329  
 Bas.: *D. delicatum* A. Rich. (1847) 205.  
 Annual herb, in coastal sands, also in flooded rice fields.  
 Th – SZ – S, B – fr: ix, x
- Desmodium hirtum** Guill. & Perr. var. **hirtum** (1832) 209  
 Perennial herb in savannah woodland, palm groves; wet grass savannah and coastal sands; also in flooded rice fields and rainfed crops.  
 Ch – SZ – N, S, E, B – fl: x, xi; fl&fr: x-xii; fr: v, vi, xi, xii  
 V.N.: guercel-faró, label-bapba, udô-buquele (fu).
- <sup>1</sup>Desmodium laxiflorum** DC. (1825b) 100  
 Perennial herb or subshrub, in woodland, savannah woodland and riparian forest; also in rainfed crops.  
 Ch – Pal(As) – N, E – fl: viii, ix; fr: xi-i  
 Introduced and naturalized species, native to tropical Asia.
- Desmodium linearifolium** G. Don (1832) 294  
 Annual herb, in woodland and savannah woodland; also in rainfed crops.  
 Th – SG – N, S, E – fl: ix; fl&fr: xi; fr: ix-xi
- Desmodium ospriostreblum** Chiov. (1908) 428  
 Annual herb, ruderal.  
 Th – SZ – N – fl: ix
- Desmodium ramosissimum** G. Don (1832) 294  
 Syn.: *D. mauritanium* sensu auct. afr. pl., non (Willd.) DC. (1825a) 334.  
 Perennial herb or subshrub, in savannah woodland.  
 Ch – AfT – L
- Desmodium salicifolium** (Poir.) DC. (1825a) 337  
 Bas.: *Hedysarum salicifolium* Poir. (1805) 422.  
 Syn.: *D. paleaceum* Guill. & Perr. (1832) 209.  
 Perennial herb or subshrub, in wet grass savannah.  
 Ch – AfT – E – fl&fr: xii

**Desmodium setigerum** (E.Mey.) Benth. ex Harv. (1862) 228

Bas.: *Nicholsonia setigera* E.Mey. (1836) 124.  
Perennial herb, in savannah woodland and palm groves; also in flooded rice fields.  
Ch – AfT – N, S, E, B – fl&fr: x-i

**Desmodium tortuosum** (Sw.) DC. (1825a) 332

Bas.: *Hedysarum tortuosum* Sw. (1788) 107.  
Annual or perennial herb, in riparian forest; also ruderal.  
Ter/Ch – Pan (Am) – N, E – fl&fr: x  
Introduced species, naturalized, native to South America.

**Desmodium triflorum** (L.) DC. (1825a) 334

Bas.: *Hedysarum triflorum* L. (1753) 749.  
Perennial herb, in disturbed areas.  
Hem – Pan – N, S – fl: xi

**Desmodium velutinum** (Willd.) DC. (1825a) 328

Bas.: *Hedysarum velutinum* Willd. (1802) 1174.  
Subshrub, in woodland, savannah woodland, riparian forest and palm groves; also in rainfed crops.  
Ch – Pal – N, S, E, B – fl: ix-xi; fl&fr: viii-xi; fr: xi-i  
V.N.: nangata-tchenche (fu); macabreu (md); kulenhimábá, rap-rap (nl).

**Dioclea reflexa** Hook.f. (1849) 306

Woody climber, in forest and on river banks.  
mPhC – GC – N, S – fl: x; fr: i  
V.N.: irlinorè (fu).

**Dolichos schweinfurthii** Taub. (1893–1894) 383

Syn.: *D. lelyi* Hutch. (1921) 247.  
Perennial herb, in savannah woodland.  
Geo – S – E – fl: vi; fr: vii

**Eriosema afzelii** R.Br. ex Baker (1871) 225  
Perennial herb, in woodland, savannah woodland and wet grass savannah.

Ch – G – S, E – fl: viii; fl&fr: ix-xi; fr: x

**Eriosema glomeratum** (Guill. & Perr.)

Hook.f. (1849) 313  
Bas.: *Rhynchosia glomerata* Guill. & Perr. (1832) 216.  
Subshrub, in savannah woodland and wet grass savannah; also in rainfed crops.  
Ch – SZ – N, S, E, B – fl: xi; fl&fr: iv-xii; fr: x-iii

V.N.: d'jadjofe (fs) (but this name seems to be given to most small plants).

**Eriosema laurentii** De Wild. (1905) 120

Perennial herb, along river banks; also in rainfed crops.  
Ch – GC/SZ – N, E – fl&fr: ix; fr: iv  
V.N.: acobogel (fu); ôtu (pp).

**Eriosema psoraleoides** (Lam.) G.Don (1832) 348

Bas.: *Crotalaria psoraleoides* Lam. (1786) 201.  
Syn.: *E. cajanoides* (Guill. & Perr.) Hook.f. (1849) 314.

Perennial herb, in woodland, savannah woodland, palm groves and on river banks; also in flooded rice fields.

Ch – AfT – N, E – fl: vii-xi; fl&fr: xi-ii; fr: x  
V.N.: wontobum (md).

**Eriosema spicatum** Hook.f. subsp. **spicatum** (1849) 313

Perennial herb, in savannah woodland.  
Ch – SGC – S, E – fl&fr: vi, vii; fr: v

**Erythrina senegalensis** DC. (1825a) 413

Tree or shrub, in woodland, savannah woodland, palm groves and wet grass savannah.  
mPh – S – N, S, E, B – fl: i-xii; fl&fr: xii-v; fr: i, xi

V.N.: m'zisse (ba); burale, sélélé (bf); cusserè (bj); bissaca, pó-de-osso, pó-di-osso, pó-di-conta (cr); pó-di-budogo (cs); arbre-corail, erythrine du Sénégal (fr); bondja, botchotchadje, bothola, mochôla, m'zisse (fu); dlim-ôdolim-ô (md); n'chaka-refat, n'tchakarfat (nl); bissance (pp).

**Erythrina sigmoidea** Hua (1897) 327

Tree or shrub, in woodland and savannah woodland.  
mPh – S – E – fl: vi; fl&fr: xii; fr: vii-xii  
V.N.: dolim-bá, dolimba (md).

**Flemingia faginea** (Guill. & Perr.) Baker (1871) 230

Bas.: *Rhynchosia faginea* Guill. & Perr. (1832) 212.

Syn.: *Moghania faginea* (Guill. & Perr.) Kuntze (1891a) 199.

Subshrub, in savannah woodland and wet grass savannah.

Ch – SG – N, E, B – fl: ii



- Indigofera arrecta** Hochst. ex A.Rich. (1847) 184  
Perennial herb, cultivated and also sub-spon-  
tanous in rainfed crops and disturbed areas.  
Ch – Pal – N, E – fl&fr: ix-xii  
V.N.: cárrè (ba); gara, garatchendo (fu); baludo  
(mc); cárô, cárôdim-ô, cárômessem-ô (md);  
banhebe, banhepe (mj); cárrè (mn); bnô  
(pp).
- Indigofera berhautiana** J.B.Gillett (1956) 573  
Annual herb, in woodland, savannah woodland  
and coastal sands.  
Th – SG – N, E, B – fl&fr: viii-xii; fr: xii
- Indigofera bracteolata** Perr. ex DC. (1825a) 223  
Annual herb, in savannah woodland.  
Th – S – E – fl&fr: xi
- Indigofera brevifilamenta** J.B.Gillett (1959) 32  
Annual herb, in savannah woodland.  
Th – SZ – E – fl&fr: ix, x
- Indigofera capitata** Kotschy (1865) 365  
Perennial herb or shrub, in savannah woodland;  
also in disturbed areas.  
Ch – SGC – N, E – fl: x-i
- Indigofera congesta** Welw. ex Baker (1871) 70  
Perennial herb or subshrub, in savannah wood-  
land and wet grass savannah.  
Ch – SZ – N, E, B – fl&fr: xi, xii
- Indigofera congolensis** De Wild. & T.Durand  
(1901) 11  
Annual herb, in woodland, savannah woodland  
and wet grass savannah; also in flooded rice  
fields.  
Th – SGC – N, S, E – fl: vi, ix; fl&fr: v, x; fr: iv  
V.N.: fudei (fs).
- Indigofera deightonii** J.B.Gillett subsp. **deigh-  
tonii** (1956) 580  
Annual herb in the margins of flooded rice  
fields.  
Th – SG – S – fl&fr: i, v
- Indigofera dendroides** Jacq. (1789a) 357;  
(1789b) t. 571  
Annual herb in woodland, savannah woodland,  
wet grass savannah and on river banks; also  
in rainfed crops and other disturbed areas.  
Th – AfT – N, S, E – fl: ix-iii; fl&fr: viii-xi;  
fr: v, xi
- Indigofera heudelotii** Benth. ex Baker (1871) 85  
Syn.: *I. fairchildii* Baker f. (1932) 252; *I. heude-  
lotii* var. *fairchildii* (Baker f.) J.B.Gillett  
(1956) 577.  
Perennial herb, in forest clearings, woodland,  
savannah woodland and riparian forest; also  
in flooded rice fields.  
Ch – G – N, S, E, B – fl&fr: x-iii; fr: i  
V.N.: ecore (bj).
- Indigofera hirsuta** L. (1753) 751  
Annual herb, in savannah woodland and wet  
grass savannah; also in flooded rice fields,  
rainfed crops, fallow ground and other dis-  
turbed areas.  
Th – Pal – N, S, E, B – fl: x; fl&fr: v-xi  
V.N.: banta-guerdel, quebe (fu).
- Indigofera leprieuri** Baker f. (1903) 190  
Annual herb, in savannah woodland and riparian  
forest; also in flooded rice fields.  
Th – SGC – N, S, E – fl: x; fl&fr: x, xi; fr: xi
- Indigofera macrocalyx** Guill. & Perr. (1832) 175, t. 46  
Perennial herb, in woodland, savannah wood-  
land, palm groves; also in flooded rice fields  
and ruderal.  
Hem – SG – N, E – fl: v, xi-i; fl&fr: xii
- Indigofera macrophylla** Schumach. (1827) 372  
Shrub or small woody climber, in forest, wood-  
land, palm groves and riparian forest.  
mph(C) – SG – N, S, E, B – fl: ix, xi; fl&fr: x,  
xi; fr: xi-iv  
V.N.: braque, buradje (bf); d'jadjofe (fs).
- Indigofera nummulariifolia** (L.) Livera ex  
Alston (1931) 72  
Bas.: *Hedysarum nummulariifolium* L. (1753) 746.  
Syn.: *I. echinata* Willd. (1802) 1222.  
Annual herb, in savannah woodland, palm groves  
and wet grass savannah; also ruderal.  
Th – Pal – N, S, E, B – fl&fr: x, xi; fr: x-xii
- Indigofera omissa** var. **trifoliolata** J.B.Gillett  
(1959) 32 — Fig. 12  
Annual herb, in herbaceous steppe of the lateritic  
cuirasses.  
Th – GB? – E – fr: x  
Variety known only from Guinea-Bissau.

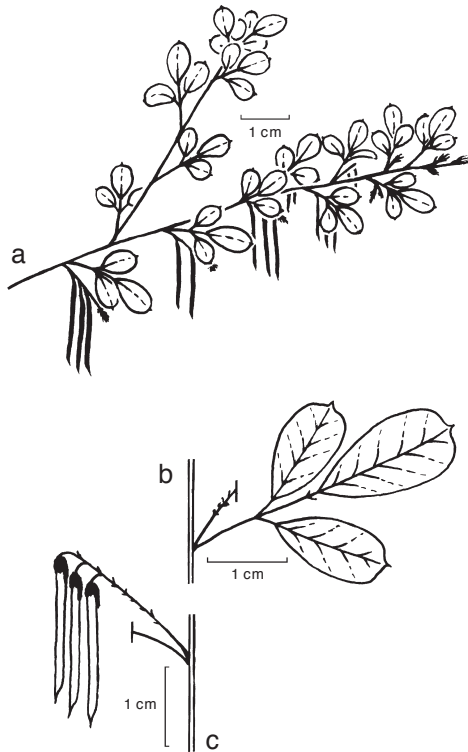


Fig. 12. *Indigofera omissa* var. *trifoliolata* J.B. Gillett. a. Branch with leaves and pods; b. compound leaf; c. pods (all: *Espírito Santo* 3530, *LISC*). — Drawn by H. Abreu.

***Indigofera paniculata*** Vahl ex Pers. (1807) 325

Syn.: *I. procera* Schumach. & Thonn. (1827) 365.

Annual herb, in savannah woodland, wet grass savannah, on river banks and temporary pools; also in rainfed crops.

Th – AfT – N, S, E – fl: xi; fl&fr: x-ii; fr: i, x

***Indigofera pilosa*** Poir. (1813) 151

Annual herb, in savannah woodland; also in rainfed crops.

Th – SGC – N, E – fl&fr: v, x

***Indigofera pulchra*** Willd. (1802) 1239

Subshrub, in savannah woodland.

Ch – AfT – N, E, B – fl: ix, xi; fl&fr: x, xii; fr: xii

***Indigofera scarcesii*** Scott-Elliot (1894) 76

Perennial herb, in herbaceous steppe of the lateritic cuirasses.

Hem – G – E – fl: i, ii

***Indigofera secundiflora*** Poir. var. *secundiflora* (1813) 148

Annual herb, in savannah woodland; also in rainfed crops.

Th – SS – E – fl&fr: viii-xi

V.N.: nerendim (fu).

***Indigofera simplicifolia*** Lam. (1789) 251

Annual herb, in savannah woodland and on river banks.

Th – AfT – S, E – fl&fr: x, xi; fr: xii

V.N.: temeï-tenu, teneitenu (bf).

***Indigofera spicata*** var. *brevicarpa* J.B. Gillett (1959) 34

Perennial herb, in savannah woodland; also in disturbed areas.

Hem – S? – E – fl&fr: ix, x; fr: xi

***Indigofera stenophylla*** Guill. & Perr. var. *stenophylla* (1832) 188, t. 48

Annual herb, in savannah woodland; also in disturbed areas.

Th – GC/SZ – E – fl&fr: ix, x; fr: xi

**<sup>1</sup>*Indigofera suffruticosa*** Mill. (1768) n° 2

Perennial herb or subshrub, cultivated to extract indigo dye; also in fallow ground.

nph – AfAm(Am) – N – fl&fr: x

V.N.: càrrè (ba, mn); gara, garatchendo (fu);

baludo (mc); càrò, càròdim-ò, càromessem-ò (md); banhebe, banhepe, banhubé, branhubé (mj); bnò (pp).

Introduced species, sub-spontaneous, native to tropical America and the Caribbean.

***Indigofera tinctoria*** L. (1753) 751

Perennial herb or subshrub, in woodland, also cultivated in rainfed lands, used to extract indigo dye.

Ch – Pan(Pal) – N, S, B – fl&fr: x

V.N.: càrrè (ba); ipute (bj); tinta (cr); càrrè (mn); gara, garatchendo (fu); baludo (mc); càrò, càròdim-ò, càromessem-ò (md); banhebe, banhepe (mj); bnò (pp).

***Indigofera trita*** subsp. *scabra* (Roth) de Kort & G.Thijssse (1984) 140

Bas.: *I. scabra* Roth (1821) 359.

Syn.: *I. subulata* var. *scabra* (Roth) Meikle (1951) 352.

Perennial herb in riparian forest.  
Ch – Pan – E – fl&fr: viii-xi

**Indigofera trita** subsp. **subulata** (Vahl ex Poir.)  
Ali (1958) 558

Bas.: *I. subulata* Vahl ex Poir. (1813) 150.  
Perennial herb, along river banks.  
Ch – AfT – S – fl&fr: xii

**Kotschy ochreatea** var. **longipetala** Hepper  
(1956) 124

Small shrub, along river banks.  
nph – G – S, E – fl&fr: ii

**Kotschy ochreatea** (Taub.) Dewit & P.A. Duvign.  
var. **ochreatea** (1954) 214

Bas.: *Smithia ochreatea* Taub. (1896) 191.  
Small shrub, in woodland, savannah woodland,  
palm groves, wet grass savannah and on river  
banks; also in flooded rice fields.  
nph – AfT – N, S, E – fl: xi-i; fl&fr: i-vi; fr: v  
V.N.: santobam (bf).

**Leptoderris brachyptera** (Benth.) Dunn (1910)  
388

Bas.: *Lonchocarpus brachypterus* Benth. (1860)  
100.

Woody climber, in forest, woodland, savan-  
nah woodland, riparian forest and on river  
banks.  
mPhC – GC – N, S, E, B – fl: iii; fr: v  
V.N.: balanca (fu).

**Leptoderris fasciculata** (Benth.) Dunn (1910)  
390

Bas.: *Lonchocarpus fasciculatus* Benth. (1860)  
100.

Woody climber, in forest, savannah woodland,  
palm groves, riparian forest and on river  
banks.  
mPhC – GC – N, S, E, B – fl: i-iii; fl&fr: ii;  
fr: iii-vi  
V.N.: topiguirá (nl).

**Lonchocarpus sericeus** (Poir.) Kunth ex DC.  
(1825a) 260

Bas.: *Robinia sericea* Poir. (1804b) 226.  
Tree, along river banks, mangrove and mangrove  
borders.  
mPh – AfAm – N, S, E, B – fl: x, iv; fl&fr: vii,  
xii; fr: x-vi  
V.N.: buchomalé (bf); empantanca (bj); costa-  
de-lagarto, linguana, pó-di-linguana (cr);  
canaïne (md); n'compaca (nl).

**Machaerium lunatum** (L.f.) Ducke (1925)  
310

Bas.: *Pterocarpus lunatus* L.f. (1781) 317.  
Syn.: *Drepanocarpus lunatus* (L.f.) G.Mey.  
(1818) 238.

Shrub, along river banks, temporary pools and  
mangrove borders; also at the borders of  
flooded rice fields with brackish water.  
mph – AfAm – N, S, E – fl: xii-ii; fl&fr: xii-vi  
V.N.: ecote (bj); mancanta (fu); brahaca (mc);  
boransão, borassam-ô, n'antantô, um-hanta-  
nô (md), bâmpele, bucáchina (mj); n'fene  
(nl); bucáchina, bucacina (pp); tangani (ss).

**Macrotyloma biflorum** (Schumach. & Thonn.)  
Hepper var. **biflorum** (1972) 565

Bas.: *Glycine biflora* Schumach. & Thonn.  
(1827) 345.

Syn.: *Dolichos chrysanthus* A.Chev. (1912b)  
164; *M. chrysanthum* (A.Chev.) Verdc. var.  
*chrysanthum* (1970) 402.

Perennial climbing herb, in savannah woodland;  
also in rainfed crops.

Ch – SGC – N, S, E – fl: xi; fl&fr: ix, x; fr: xii

**Macrotyloma geocarpum** (Harms) Maréchal  
& Baudet (1977) 50

Bas.: *Kerstingiella geocarpa* Harms (1908)  
230.

Annual climbing herb, in savannah woodland.  
Th – S – N, E – fl: x, xi  
V.N.: binde (ff).

**Macrotyloma stenophyllum** (Harms) Verdc.  
(1970) 402

Bas.: *Dolichos stenophyllus* Harms (1899) 314.  
Annual climbing herb, in savannah woodland  
and on river banks.  
Th – SGC – N, E – fl: x; fl&fr: xi, xii

**Melliniella micrantha** Harms (1914) 360

Annual herb, in savannah woodland and herba-  
ceous steppe of the lateritic cuirasses.  
Th – S – S, E – fl&fr: viii, x; fr: xi

**Milletia barteri** (Benth.) Dunn (1911) 221

Bas.: *Lonchocarpus barteri* Benth. (1860) 99.  
Woody climber, in forest, riparian forest and on  
river banks.  
mPhC – GC – N, S, E – fl: iv-vi; fl&fr: vi; fr:  
ii, vi, vii  
V.N.: nambô (md).

**Milletia rhodantha** Baill. (1865–1866) 223

Tree, along on river banks.  
mPh – GC – S – fl: v

**Milletia thonningii** (Schumach. & Thonn.)

Baker (1871) 128

Bas.: *Robinia thonningii* Schumach. & Thonn. (1827) 349.

Tree, in savannah woodland.

mPh – SG – N – fl&amp;fr: iv

**Mucuna poggei** Taub. (1896) 194

Woody climber, in woodland.

mPhC – SGC – S, E – fl: ix; fr: xi

V.N.: ghanhima (cr); mafuræ, talicoedje (fu).

**Mucuna pruriens** (L.) DC. var. **pruriens**

(1825a) 405

Bas.: *Dolichos pruriens* L. (1754) 23.

Annual climbing herb, in woodland and palm groves; also in the borders of flooded rice fields.

Th – Pan – N, S, E – fl: x, xii; fr: xii

V.N.: metáfum (ba); m'plé (bf); ganhomá (cr); nayuma (cs); cóssè, nhandebágue (ff); ganhacá (fu); um-háe (mc); maforá, manforá, nhanhanacô (md); búco-nhoále (mj); mansombrina, nhanhefa, nhahenfa (pp).

**<sup>1</sup>Mucuna pruriens** var. **utilis** (Wall. ex Wight)

Baker ex Burck (1893) 187

Bas.: *M. utilis* Wall. ex Wight (1840) t. 280.

Annual herb, in fallow ground and other disturbed areas.

Th – Pan(As) – N – fl: xii, i

Introduced variety, sub-spontaneous, native to tropical Asia and cultivated in several countries.

**Mucuna sloanei** Fawc. & Rendle (1917) 36

Woody climber, in forest, woodland, savannah woodland and palm groves.

mPhC – Pan – N, S, E, B – fl: viii-xii; fr: i, vii

V.N.: metáfum (ba); m'plé (bf); ganhomá (cr); nayuma (cs); ganhacá, mafuræ, talcódjá, talcó-odja (fu); cóssè, nhandebágue (ff); um-háe (mc); maforá, manforá, nhanhanacô (md); búco-nhoále (mj); mansombrina, nhanhefa, nhahenfa, (pp).

**Nesphostylis holosericea** (Welw. ex Baker)

Verdc. (1970) 296

Bas.: *Vigna holosericea* Welw. ex Baker (1871) 200.Syn.: *Sphenostylis holosericea* (Welw. ex Baker) Harms (1902) 175.

Perennial climbing herb, in savannah woodland.

GeoC – SZ – E – fl&amp;fr: x, xi

**Ormocarpum sennoides** subsp. **hispidum**

(Willd.) Brenan &amp; J.Léonard (1954) 104

Bas.: *Cytisus hispidum* Willd. (1802) 1121.

Subshrub, in forest, woodland, riparian forest and palm groves.

nph – AfT – N, S, E – fl&amp;fr: ix-xi; fr: xi, i

**Ormocarpum verrucosum** P.Beauv. (1807)

96, t. 58

Small shrub, in mangrove and mangrove border.

nph – GC – N, S – fl: ii, iii; fl&amp;fr: i, iv, xi

**Ostryocarpus riparius** Hook.f. (1849) 316

Small woody climber, along river banks.

mphC – GC – S – fl&amp;fr: iv

V.N.: banidarè (fu).

**Pericopsis laxiflora** (Benth. ex Baker) Meeuwen

(1962) 218

Bas.: *Ormosia laxiflora* Benth. ex Baker (1871) 255.Syn.: *Afrormosia laxiflora* (Benth. ex Baker) Harms (1906) 158.

Tree, in woodland and savannah woodland.

mPh – S – N, S, E – fl: iv, v; fl&amp;fr: v; fr: viii-i

V.N.: cúlèculè, culi-culi; culu-cula (fu); baba, buba (mj).

**Philenoptera cyanescens** (Schumach. & Thonn.)

Roberty (1954) 354

Bas.: *Robinia cyanescens* Schumach. & Thonn. (1827) 351.Syn.: *Lonchocarpus cyanescens* (Schumach. & Thonn.) Benth. (1860) 96.

Woody climber or shrub, in woodland, riparian forest, on river banks and mangrove borders.

mPhC/mph – SG – N, S, E – fl: v; fl&amp;fr: v; fr: v, xii

V.N.: bumidi, mantenam-buámade (bf); malilade-tinta, tinta-grande (cr); cárd-bâ (md).

**Philenoptera laxiflora** (Guill. & Perr.) Roberty (1954) 354Bas.: *Lonchocarpus laxiflorus* Guill. & Perr. (1832) 226.Syn.: *L. philenoptera* Benth. (1860) 97.

Shrub or small tree, in savannah woodland.

mph – SS – N, E – fl: ii, iii; fl&amp;fr: iii

V.N.: dáfim (md).

**Pseudarthria fagifolia** Baker (1871) 167

Annual herb, in savannah woodland.

Th – GC – E – fl&amp;fr: ix; fr: xii

**Pseudarthria hookeri** var. **argyrophylla** Verdc. (1970) 66

Shrub, in savannah woodland.  
mph – GC – E – fl&fr: x

**Psophocarpus monophyllus** Harms (1907) 43  
Perennial herb, in savannah woodland.

Ch – SG – E – fl: viii; fl&fr: ix; fr: xi

**Psophocarpus palustris** Desv. (1826) 420

Syn.: *P. palmettorum* Guill. & Perr. (1832) 222.  
Perennial herb, in forest, palm groves, wet grass savannah, riparian forest, on river banks.

Hel – AfT – N, S, E – fl: xii; fl&fr: x-i; fr: xii

**Pterocarpus erinaceus** Lam. ex Poir. (1804a) 728

Tree, in woodland and savannah woodland.  
mPh – S – N, S, E – fl: xii-ii; fl&fr: i; fr: xii-iv  
V.N.: psilá, sila (ba); buana (bf); pau-sangue, pó-di-sangue (cr); bane, báni, djégo (fu); beléle (mc); kenê, quénò (md); beléle, beliadje, betéi, olei (mj); n'sila (nl); beliadje, betéi, ulei (pp).

**Pterocarpus santalinoides** L'Hér. ex DC.

(1825a) 419

Shrub or tree in riparian forest, palm groves, on river banks, small lakes and temporary pools; also in flooded rice fields.

mPh – AfAm – N, S, E, B – fl: xii-iv; fr: vi-xii  
V.N.: dèssa, dessáha, déxa (ba); antante, benganta (bf); ebontonton (bj); mangantem (cr); djégo (ff); djecudjecomádje, d'jega, d'jego, mangantum,(fu); nitichiba, n'tisebá, sibá (nl).

**Rhynchosia buettneri** Harms (1901) 90

Herbaceous perennial climber, in savannah woodland and riparian forest.

GeoC – SGC – E – fl&fr: x

**Rhynchosia congensis** Baker subsp. **congensis** (1871) 217

Herbaceous perennial climber, in woodland.

GeoC – SGC – E – fr: iii

**Rhynchosia densiflora** subsp. **debilis** (G.Don) Verdc. (1971b) 75

Bas.: *R. debilis* G.Don (1832) 347.

Herbaceous perennial climber, in woodland.

GeoC – GC – E – fl&fr: ii

**Rhynchosia** cf. **nyasica** Baker (1897) 263

Perennial herb, in savannah woodland.

Geo – SZ – N – fl: iv

**Rhynchosia pycnostachya** (DC.) Meikle (1954) 274

Bas.: *Cylista pycnostachya* DC. (1825a) 410.

Syn.: *R. calycina* Guill. & Perr. (1832) 214.

Perennial climbing herb, in woodland, savannah woodland, riparian forest, palm groves and river banks; also ruderal.

Geo – GC – N, S, E, B – fl: xi-i; fl&fr: xii-iv

**Rhynchosia viscosa** subsp. **violacea** (Hiern) Verdc. (1971b) 86

Bas.: *Dolichos violaceus* Hiern (1896) 269.

Perennial climbing herb, in savannah woodland, riparian forest, palm groves and river banks; also ruderal.

Geo – SGC – N, E – fl: x

**Rothia hirsuta** (Guill. & Perr.) Baker (1871) 7

Bas.: *Xerocarpus hirsutus* Guill. & Perr. (1832) 170.

Annual herb, in rainfed crops and other disturbed dry areas.

Th – SZ – N, E – fl&fr: x-xii

**Sesbania pachycarpa** DC. subsp. **pachycarpa** (1825a) 265

Robust annual herb, in savannah woodland, wet grass savannah, and small lakes margins; also in flooded rice fields, rainfed crops and other disturbed areas.

Th – AfT – N, S, E, B – fl: ix, x; fl&fr: viii-xii; fr: iv

V.N.: fudjei (fs); banfala-dórodje, bántala-dórodje, vanfala-doro (fu).

**Sesbania sesban** (L.) Merr. (1912) 235

Bas.: *Aeschynomene sesban* L. (1753) 714.

Syn.: *Sesban aegyptiaca* Poir. (1806) 128; *Sesbania punctata* DC. (1825a) 265.

Shrub, in savannah woodland.

mph – Pal – S – fl: ix

**Stylosanthes fruticosa** (Retz.) Alston (1931) 77

Bas.: *Arachis fruticosa* Retz. (1789) 26.

Syn.: *S. mucronata* Willd. (1802) 1166, nom. illeg.

Subshrub, in savannah woodland, coastal sands and herbaceous steppe of the lateritic cuirasses; also in rainfed crops.

Ch – Pal – N, E, B – fl: viii-xii; fl&fr: ix, x

- 1 Stylosanthes humilis** Kunth (1824) 506, t. 594  
Annual herb, in savannah woodland.  
Th – AfAm?(Am) – N – fl&fr: vii  
Introduced species, naturalized, native to Central America and north of South America.
- Swartzia madagascariensis** Desv. (1826) 424  
Small tree or shrub, in savannah woodland.  
mph – AfT – E – fl: vi; fr: viii-xii
- Tephrosia** cf. **berhautiana** Lescot (1969) 313  
Annual herb, in savannah woodland.  
Th – S – E – fl&fr: xi
- Tephrosia bracteolata** Guill. & Perr. (1832) 194  
Syn.: *T. concinna* Baker (1871) 112; *T. nigerica* Baker f. (1926) 198.  
Annual herb, in woodland, savannah woodland and wet grass savannah; also in flooded rice fields, rainfed crops and other disturbed areas.  
Th – AfT – N, E – fl & fr: x  
V.N.: temei-tenú (bf).
- Tephrosia deflexa** Baker (1871) 111  
Annual herb, in woodland, savannah woodland and wet grass savannah; also in flooded rice fields, rainfed crops and other disturbed areas.  
Th – S – N, S, E – fl: ix, x; fl&fr: x, xi; fr: xi, xii  
V.N.: netedim, netendim (fu).
- Tephrosia elegans** Schumach. (1827) 376  
Annual herb, in savannah woodland and palm groves; also in rainfed crops.  
Th – SZ – N, E – fl: x; fl&fr: x, xi; fr: ix-xii
- Tephrosia linearis** (Willd.) Pers. (1807) 330  
Bas.: *Galega linearis* Willd. (1799) 1249.  
Annual herb, in woodland and savannah woodland; also in rainfed crops and other disturbed areas.  
Th – SZ – N, S, E – fl: ix, x; fl&fr: viii-x; fr: xi, xii  
V.N.: temei-tenú (bf).
- Tephrosia lupinifolia** DC. (1825a) 255  
Syn.: *Lupinophyllum lupinifolium* (DC.) Hutch. (1967) 626; *T. laevigata* Welw. ex Baker (1871) 107.  
Perennial herb, along river banks.  
Hem – SZ – N, B – fl&fr: x-iv  
V.N.: bim (bb), nhebê-odjêrê (fu).
- Tephrosia mossiensis** A. Chev. (1912b) 159  
Shrub, in savannah woodland and coastal sands; also in flooded rice fields, rainfed crops and disturbed areas.  
Ch – SG – E – fr: xii
- Tephrosia nana** Schweinf. (1868b) 20, t. 16  
Syn.: *T. barbigerica* Welw. ex Baker (1871) 113.  
Annual herb, in savannah woodland; also ruderal.  
Th – AfT – N, S, E – fl: ix, x; fl&fr: x  
V.N.: n'cimbedoque (md).
- Tephrosia pedicellata** Baker (1871) 117  
Perennial herb in savannah woodland; also in rainfed crops.  
Hem – S – N, E, B – fl: x; fl&fr: ix-xi
- Tephrosia platycarpa** Guill. & Perr. (1832) 195  
Syn.: *T. flexuosa* G. Don (1832) 232; *T. ansellii* Hook. f. (1849) 297.  
Annual herb, in woodland, savannah woodland and coastal sands; also in flooded rice fields, rainfed crops and other disturbed areas.  
Th – SGC – N, S, E, B – fl&fr: ix-xi; fr: xii  
V.N.: palha-de-mancarra (cr).
- Tephrosia purpurea** (L.) Pers. subsp. **purpurea** (1807) 329  
Bas.: *Cracca purpurea* L. (1753) 752.  
Perennial herb, in savannah woodland.  
Ch – Pal – E – fr: xi
- Tephrosia vogelii** Hook. f. (1849) 296  
Small shrub, in rainfed crops and other disturbed areas.  
mph – AfT – E – fr: xii  
V.N.: bantaculudje (fu); bantamarô (md).  
This species is often cultivated in tropical Africa to be used as fish poison, but in Guinea-Bissau such use is not known.
- Teramnus labialis** subsp. **arabicus** Verdc. (1970) 272  
Annual herb, in palm groves.  
Hem – Pal – N – fr: xi
- Teramnus micans** (Welw. ex Baker) Baker f. var. **micans** (1928) 115  
Bas.: *Glycine micans* Welw. ex Baker (1871) 179.  
Herbaceous perennial climber, in riparian forest.  
Ch – GC/SZ – E – fl&fr: xi

**Teramnus uncinatus** subsp. **axilliflorus**

(Kotschy) Verdc. (1970) 278

Bas.: *Glycine axilliflora* Kotschy (1865) 366.Syn.: *Teramnus axilliflorus* (Kotschy) Baker f.(1929) 364; *T. gillettii* (De Wild.) Baker f.

(1929) 365.

Herbaceous perennial climber, in savannah woodland, riparian forest and wet grass savannah.

Hem – GC/SZ – E – fl: x; fl&amp;fr: x, xi; fr: xii

**Uraria picta** (Jacq.) DC. (1825a) 324Bas.: *Hedysarum pictum* Jacq. (1789a) 262.

Subshrub, in savannah woodland, wet grass savannah and on river banks.

Ch – Pal – S, E – fl: xi; fl&amp;fr: ix-xi; fr: xi

**Vigna adenantha** (G.Mey.) Maréchal,

Mascherpa &amp; Stainier (1978) 202

Bas.: *Phaseolus adenanthus* G.Mey. (1818) 239.

Perennial climbing herb, along river banks; also in rainfed crops.

Geo – AfAm – N, S, E – fl&amp;fr: xii

**Vigna filicaulis** Hepper (1956) 128

Annual climbing herb, in wet grass savannah and herbaceous steppe of the lateritic cuirasses.

Th – SG – N, E – fl&amp;fr: xi, xii; fr: xi

**Vigna gracilis** (Guill. & Perr.) Hook.f. var.**gracilis** (1849) 311Bas.: *Dolichos gracilis* Guill. & Perr. (1832)

219.

Annual climbing herb, in woodland, savannah woodland, riparian forest and temporary pools; also in flooded rice fields.

Th – SGC – N, S, E – fl: v-xi; fl&amp;fr: x-xii; fr: xi

V.N.: djulundium (fu).

**Vigna gracilis** var. **multiflora** (Hook.f.) Maré-

chal, Mascherpa &amp; Stainier (1978) 200

Bas.: *V. multiflora* Hook.f. (1849) 308.

Annual climbing herb, in savannah woodland.

Th – GC – L

**Vigna heterophylla** A.Rich. (1847) 218Syn.: *V. ambacensis* Baker (1871) 201; *V. pubigera* Baker (1871) 202.

Annual climbing herb, in savannah woodland; also in rainfed crops.

Th – AfT – S, E – fl: xi; fl&amp;fr: x

**Vigna kirkii** (Baker) J.B.Gillett (1966) 103Bas.: *Phaseolus kirkii* Baker (1871) 194.

Annual climbing herb, in wet grass savannah and savannah woodland.

Th – SG – S, E – fl: xii

**Vigna longifolia** (Benth.) Verdc. (1970) 541Bas.: *Phaseolus longifolius* Benth. (1837) 75.Syn.: *V. paludosa* Milne-Redh. (1947b) 27.

Annual climbing herb, in wet grass savannah and small lakes.

Hel – AfAm – S, E – fl: v, xii; fl&amp;fr: xi, xii, v

**Vigna luteola** (Jacq.) Benth. (1859) 194Bas.: *Dolichos luteolus* Jacq. (1770) 39.Syn.: *V. nilotica* (Delile) Hook.f. (1849) 311.

Perennial climbing herb, in wet grass savannah, on river banks and mangrove borders.

Geo – Pan – N, S, E – fl&amp;fr: v, x, xi; fr: i

**Vigna racemosa** (G.Don) Hutch. & Dalziel

(1929) 18

Bas.: *Clitoria racemosa* G.Don (1832) 215.

Perennial climbing herb, in woodland, savannah woodland and riparian forest; also in rainfed crops.

Ch – AfT – N, S, E – fl: x, xi; fl&amp;fr: x-xii; fr: xi

V.N.: tirde (fu) (this name seems to be applied to all twining plants).

**Vigna reticulata** Hook.f. (1849) 310

Annual climbing herb, in savannah woodland and palm groves; also as weed in rainfed crops.

Th – AfT – N, E – fl: xi; fl&amp;fr: x, xi; fr: xi

V.N.: tirde (fu).

**Vigna subterranea** (L.) Verdc. (1980) 474Bas.: *Glycine subterranea* L. (1763) 1023.Syn.: *Voandzeia subterranea* (L.) DC. (1825a) 474.

Annual herb, with edible seeds, cultivated in rainfed lands.

Th – Pal – S – fl: xi

V.N.: sú (ba); mampôde (bf); ebêdê, êpêdê (bj); mancara-de-bijagó (cr); tessurum-ô (md).

**Vigna unguiculata** subsp. **unguiculata** var.**spontanea** (Schweinf.) Pasquet (1993) 155Bas.: *V. sinensis* var. *spontanea* Schweinf. (1896) 260.Syn.: *V. unguiculata* subsp. *dekindtiana* sensu auct. afr. div., non Harms

Annual climbing herb, with edible fruits, in woodland, savannah woodland and wet grass savannah; also as weed in rainfed crops.

Th – AfT – N, S, B – fl: xi; fl&amp;fr: xi; fr: x-ii

V.N.: canhabu (bj).

**Vigna unguiculata** (L.) Walp. subsp. **unguiculata** var. **unguiculata** (1842) 779Bas.: *Dolichos unguiculatus* L. (1753) 725.Syn.: *Phaseolus cylindricus* L. (1754) 23; *V. unguiculata* subsp. *cylindrica* (L.) Verdc. (1977) 836.

Annual climbing herb, with edible pods and seeds, cultivated in rainfed lands.

Th – Pan(AFT) – N, S – fl: iv; xii; fl&fr: ix, x  
V.N.: feijão-mancaha (cr); nhebe-limboquê, nhebe-limboncadje (fu).**Vigna venulosa** Baker (1871) 203

Annual climbing herb, in savannah woodland and wet grass savannah; also in flooded rice fields and rainfed crops.

Ter – SG – N, S, E – fl: xi; fl&amp;fr: ix-i

**Vigna vexillata** (L.) A.Rich. var. **vexillata** (1845) 191

Perennial climbing herb, in savannah woodland.

Geo – Pan – N, E – fl: viii, xi  
V.N.: cam-demba-uri (mj).**Xeroderris stuhlmannii** (Taub.) Mendonça & E.P.Sousa (1968) 273Bas.: *Deguelia stuhlmannii* Taub. (1895) 218. Tree, in woodland, savannah woodland and riparian forest.mPh – SZ – N, S, E – fl: iv; fl&fr: v; fr: v, vi  
V.N.: pó-de-sangue-branco (cr); bandanei, banidânè, bani-dani, bani-dârè (fu); n'bóbó (nl).**Zornia glochidiata** C.Rchb. ex DC. (1825a) 316Syn.: *Z. diphylla* sensu auct., non (L.) Pers. (1807) 318.

Annual herb, in savannah woodland and herbaceous steppe of the lateritic cuirasses; also in rainfed crops.

Th – AFT – N, S, E, B – fl&fr: ix, x; fr: x, xi  
V.N.: nenguemene (bf).

## LENTIBULARIACEAE – 2 genera; 10 species

FWTA 2nd ed. 2: 375–381; EPFAT 4: 449–452; FIS 4: 245–269.

A small cosmopolitan family of carnivorous herbs found in water and moist habitats, rooted in the substrate, free-floating or sometimes epiphytic. The 10 species in the country are small herbs found in wet grass savannah, rivers, small lakes, temporary pools and also in flooded rice fields.

**Genlisea africana** subsp. **stapfii** (A. Chev.) P. Taylor (1972) 58Bas.: *G. stapfii* A. Chev. (1912b) 188.

Annual herb, in wet grass savannah and temporary pools.

ThA – Aft – N, E – fl: x, xi

**Utricularia rigida** Benj. (1847) 303

Annual herb, in rivers.

ThA – SG – E – fl&amp;fr: x-xii

**Utricularia simulans** Pilg. (1914) 194

Annual herb, in wet grass savannah and temporary pools.

ThA – AfAm – E, B – fl: x

**Utricularia benjaminiana** Oliv. (1860) 176

Annual herb, in rivers and small lakes.

ThA – AfAm – N, S, E – fl: viii-xii

**Utricularia stellaris** L.f. (1781) 86Syn.: *U. inflexa* var. *stellaris* (L.f.) P. Taylor (1961) 96.

Annual herb, in wet grass savannah, rivers and small lakes; also in flooded rice fields.

ThA – Pal – N, S, E – fl: i-xii; fr: ii, xii

**Utricularia firmula** Welw. ex Oliv. (1865) 152

Annual herb, in wet grass savannah.

ThA – Aft – B – fl: i

**Utricularia gibba** L. (1753) 18Syn.: *U. gibba* subsp. *exoleta* (R.Br.) P. Taylor (1961) 101.

Annual herb, in wet grass savannah, rivers and small lakes; also in flooded rice fields.

ThA – Pal – N, S, E – fl: iii-xii; fl&amp;fr: iv-x

**Utricularia subulata** L. (1753) 18

Annual herb, in wet grass savannah and temporary pools.

ThA – Pan – N, B – fl: ix

**Utricularia reflexa** Oliv. (1865) 146

Annual herb, in rivers.

ThA – Aft – S

**Utricularia tortilis** Welw. ex Oliv. (1865) 150Syn.: *U. spiralis* var. *tortilis* (Welw. ex Oliv.) P. Taylor (1963) 294.

Annual herb, in wet grass savannah.

ThA – Aft – N, E – fl: x; fr: ix



## LINACEAE (HUGONIACEAE) – 1 genus; 1 species

FWTA 2nd ed. 1: 358–361; EPFAT 1: 198–199; FIS 4: 109–110.

A small family of herbs and some shrubs and woody climbers, predominantly temperate but also present in tropical regions.

**Hugonia planchonii** Hook.f. ex Hook. (1848) 777

Subshrub or shrub, in forest, woodland and riparian forest.

nph – GC – N, S – fl: vii; fl&fr: ix; fr: i, iii, ix

## LOGANIACEAE – 4 genera; 10 species

(includes Antoniaceae, Potaliaceae and Strychnaceae)

FWTA 2nd ed. 2: 34–47; EPFAT 4: 53–61; FIS 6: 23–56.

A family of trees, shrubs and climbers found in the tropical, subtropical and temperate regions of the world. The 10 species found in the country occur mainly in woodland, forest and wet places.

**Anthocleista djalensis** A.Chev. (1908) 47

Tree, in forest, woodland, savannah woodland and palm groves.

mPh – SG – N, S, E, B – fl: iv; fr: i, iv, x

V.N.: tagare (fu); bintié (mj).

**Anthocleista procera** Lepr. ex Bureau (1856)

74, f. 60–62

Syn.: *A. frezoulsii* A.Chev. (1908) 47.

Tree, in palm groves, wet grass savannah and river and small lake margins.

mPh – G – N, S, B – fl: iv, vi

V.N.: cúfê, kufá (ba); cadjangue, cadjanuè (bj); caboupa-matcho (cr); beidomodjô, tagare (fu); bintié (mj); papae-um-eme (pp); dissauri (ss).

**Anthocleista vogelii** Planch. (1848) t. 793-IV

Syn.: *A. talbotii* Wernham (1913) 68.

Tree, in woodland and palm groves.

mPh – AfT – N, S, B

V.N.: cadjanué (bj); acuapôpo, caboupa-matcho (cr); ugumba, undango (cb).

**Mostuea hirsuta** (T.Anderson ex Benth. & Hook.f.) Baill. ex Baker (1903) 509

Bas.: *Coinochlamys hirsuta* T.Anderson ex Benth. & Hook.f. (1876) 1091.

Subshrub, in forest and woodland.

nph – AfT – N, S – fl: vi, ix

**Strychnos afzelii** Gilg (1893) 572

Syn.: *S. erythrocarpa* Gilg (1896b) 199; *S. zizyphoides* Baker (1903) 522.

Woody climber, in woodland, river banks and mangrove borders.

mPhC – G – N, S – fl: v; fl&fr: i, ii

**Strychnos congolana** Gilg (1899) 120

Syn.: *S. lecontei* A.Chev. ex Hutch. & Dalziel (1931) 22; *S. viridiflora* De Wild. (1923) 101.

Woody climber, in woodland, river banks and mangrove borders.

mPhC – GC – S – fr: i

**Strychnos innocua** Delile (1826) 53

Syn.: *S. alnifolia* Baker (1895) 150.

Shrub or small tree, in woodland.

mph – GC/SZ – N – fr: iv

**Strychnos spinosa** Lam. (1794) 38

Small tree, in woodland, savannah woodland and riparian forest.

mph – AfT – N, S, E – fl: iii, iv; fr: v-x

V.N.: curanam, metônha (ba); orelha-de-rato (cr); tibô (cs); faracoledje, fara-colei, sarcoledje (fu); búpale (mj); n'congong (nl); bépale (pp); querá (ss).

**Strychnos splendens** Gilg (1893) 571

Woody climber or shrub, in forest, thicket, riparian forest and river banks, palm groves and mangrove borders.

mph(C) – G – N, S – fl: x; fl&fr: iii; fr: xi

V.N.: curalaque (ba).

**Usteria guineensis** Willd. (1792) 55, t. 2

Woody climber or shrub, in forest, thicket, woodland, savannah woodland and palm groves.

mph(C) – SGC – N, S, E, B – fl: x-i; fl&fr: xii-vi; fr: x-v

V.N.: cnho, eburde (bj); fufembêule (fs); buródê (fu) atanoke, n'átá uókê (nl).

## LORANTHACEAE – 5 genera; 9 species

FWTA 2nd ed. 1: 658–664; EPFAT 2: 162–184; FIS 6: 59–77.

A family of woody hemiparasitic plants, mainly tropical but extending to temperate zones. The species found in Guinea-Bissau are epiphytic and most of them are not host specific, occurring on trees in woodland, savannah woodland, forest and river banks, as well as on cultivated cashew trees.

**Agelanthus brunneus** (Engl.) Balle & N.Hallé (1962) 233

Bas.: *Loranthus brunneus* Engl. (1894b) 88.

Syn.: *Tapinanthus brunneus* (Engl.) Danser (1933) 109.

Woody parasite, in river banks, often on Apocynaceae.

nphP – AfT – E – fl: vi

V.N.: dilebotche (ba); madifô (md).

**Agelanthus dodoneifolius** (DC.) Polhill & Wiens (1992) 163

Bas.: *Loranthus dodoneifolius* DC. (1830a) 29, t. 9.

Syn.: *Tapinanthus dodoneifolius* (DC.) Danser (1933) 111.

Woody parasite, in woodland and savannah woodland.

nphP – SG – N, S, E – fl: viii, x; fr: xii

V.N.: dulebotche (ba); sóto (fl); madifô (md); bebussim (mj).

**Englerina lecardii** (Engl.) Balle (1956) 168

Bas.: *Loranthus lecardii* Engl. (1894b) 128.

Syn.: *Ischnanthus lecardii* (Engl.) Tiegh. (1895) 260; *Tapinanthus lecardii* (Engl.) Danser (1933) 115.

Woody parasite, in savannah woodland.

nphP – SG – E – fl: vi-i, x; fr: xii-ii

V.N.: madifô (md).

**Englerina parviflora** (Tiegh.) Balle (1956) 168

Bas.: *Ischnanthus parviflorus* Tiegh. (1895) 260.

Syn.: *Loranthus parviflorus* Engl. (1894b) 127;

*Tapinanthus parviflorus* (Tiegh.) Danser (1933) 117.

Woody parasite, in riparian forest.

nphP – G – N – fr: iv

V.N.: dilebotche (ba).

**Globimetula cupulata** (DC.) Danser (1933) 55

Bas.: *Loranthus cupulatus* DC. (1830b) 298.

Woody parasite, in woodland and savannah woodland.

nphP – GC – N – fr: iv-vi

V.N.: dilebotche (ba); madifô (md).

**Phragmanthera leonensis** (Sprague) Balle (1956) 168

Bas.: *Loranthus leonensis* Sprague (1910) 282.

Syn.: *Ph. nigritana* var. *leonensis* (Sprague) Balle (1964) 72; *Tapinanthus leonensis* (Sprague)

Danser (1933) 115.

Woody parasite, in woodland, savannah woodland and riparian forest.

nphP – G – S, E – fl: v-viii; fr: iv

V.N.: dilebotche (ba); mdifô (md).

**Tapinanthus bangwensis** (Engl. & K.Krause) Danser (1933) 108

Bas.: *Loranthus bangwensis* Engl. & K.Krause (1909) 407.

Syn.: *T. globiferus* subsp. *bangwensis* (Engl. & K.Krause) Balle (1982) 58, t. 13/15–18.

Woody parasite, in woodland, savannah woodland; sometimes also on cashew trees.

nphP – SGC – N, S, E, B – fl: i-xii; fl&fr: i-xii

V.N.: dilebotch, m'delêbotché (ba); pau-fidalgo, pó-fidalgo (cr); sandjoé, sóto (fu); madifadum; madifô (md).

The vernacular names are probably applicable to all the species in the family and not only to this one.

**Tapinanthus globiferus** (A. Rich.) Tiegh. (1895) 267

Bas.: *Loranthus globiferus* A. Rich. (1848) 341.

Woody parasite, in woodland.

nphP – Pal – E – fl: xii

**Tapinanthus pentagonia** (DC.) Tiegh. (1895) 267

Bas.: *Loranthus pentagonia* DC. (1830a) t. 8.

Woody parasite, in forest.

nphP – SG – E – fl: vi

V.N.: dilebotche (ba); sóró-legal (fu); madifô (md).

## LYTHRACEAE – 3 genera; 11 species

FWTA 2nd ed. 1: 163–166; EPFAT 1: 110–113; FIS 6: 79–113.

A small family of trees, shrubs and herbs, widely distributed but more diverse in the tropics. Most of the species are found in aquatic or semi-aquatic habitats, such as wet grass savannah, rivers and small lakes as well as in flooded rice fields.

***Ammannia auriculata*** Willd. (1803) t. 7  
Annual herb in wet grass savannah; also in flooded rice fields.  
Th – Pan – N, E

***Ammannia gracilis*** Guill. & Perr. (1833) 301  
Annual herb in wet grass savannah; also in flooded rice fields.  
Th – S – N – fl: iii

***Nesaea angustifolia*** A.Fern. & Diniz (1954) 216  
Perennial herb, in wet grass savannah.  
Geo – S – E – fl: i; fl&fr: vi

***Nesaea crassicaulis*** (Guill. & Perr.) Koehne (1882) 324  
Bas.: *Ammannia crassicaulis* Guill. & Perr. (1833) 303.  
Annual herb, in small lakes and temporary pools.  
Hel – Aft – N, B – fl: v

***Nesaea erecta*** Guill. & Perr. (1833) 305  
Annual herb, in wet grass savannah.  
Th – Aft – N – fl: ii; fl&fr: xi

***Nesaea* cf. *icosandra*** Kotschy & Peyr. (1867) 10, t. 5a  
Annual herb, in wet grass savannah.  
Th – S? – N – fl&fr: xii

***Nesaea radicans*** Guill. & Perr. (1833) 306  
Perennial herb, in wet grass savannah.  
Geo – Aft – N, E, B – fl&fr: xii

***Nesaea santoi*** A.Fern. & Diniz (1957) 156 – Fig. 13  
Annual herb, in savannah woodland and wet grass savannah.  
Th – GB? – N – fl&fr: xi  
Species known only in Guinea-Bissau.

***Rotala mexicana*** Schtdl. & Cham. (1830) 567  
Annual herb, in wet grass savannah; also in flooded rice fields.  
ThH – Pan – L

***Rotala tenella*** (Guill. & Perr.) Hiern (1871) 467  
Bas.: *Ammannia tenella* Guill. & Perr. (1833) 297.  
Perennial herb, in rivers and small lakes.  
Hid – Aft – L

***Rotala welwitschii*** Exell (1956) 70  
Perennial herb, in wet grass savannah.  
Hel – GC – L

## MALPIGHIACEAE – 4 genera; 6 species

FWTA 2nd ed. 1: 350–354; EPFAT 1: 195–197; FIS 6: 115–132.

A family of climbers, shrubs, trees and some perennial herbs, pantropical but more diverse in South America. Most of the species in the country are found in wet places.

***Acridocarpus plagiopterus*** Guill. & Perr. (1831) 123, t. 29  
Syn.: *A. hirundo* S.Moore (1880) 1.  
Shrub or woody climber, in forest, thicket, woodland, savannah woodland, palm groves and river banks.  
mph/mPhC – G – N, S, E, B – fl: xii-iv; fl&fr: i-iv  
V.N.: córò (ba); cahapandá (bj); kurfi, manar-balé (nl).

***Acridocarpus smeathmannii*** (DC.) Guill. & Perr. (1831) 124  
Bas.: *Heteropteris smeathmannii* DC. (1824) 592.  
Shrub or woody climber, in savannah woodland and riparian forest.  
mph/mPhC – GC – N – fl&fr: iii, iv  
V.N.: córò (ba); cahapandá (bj); kurfi, manar-balé (nl).

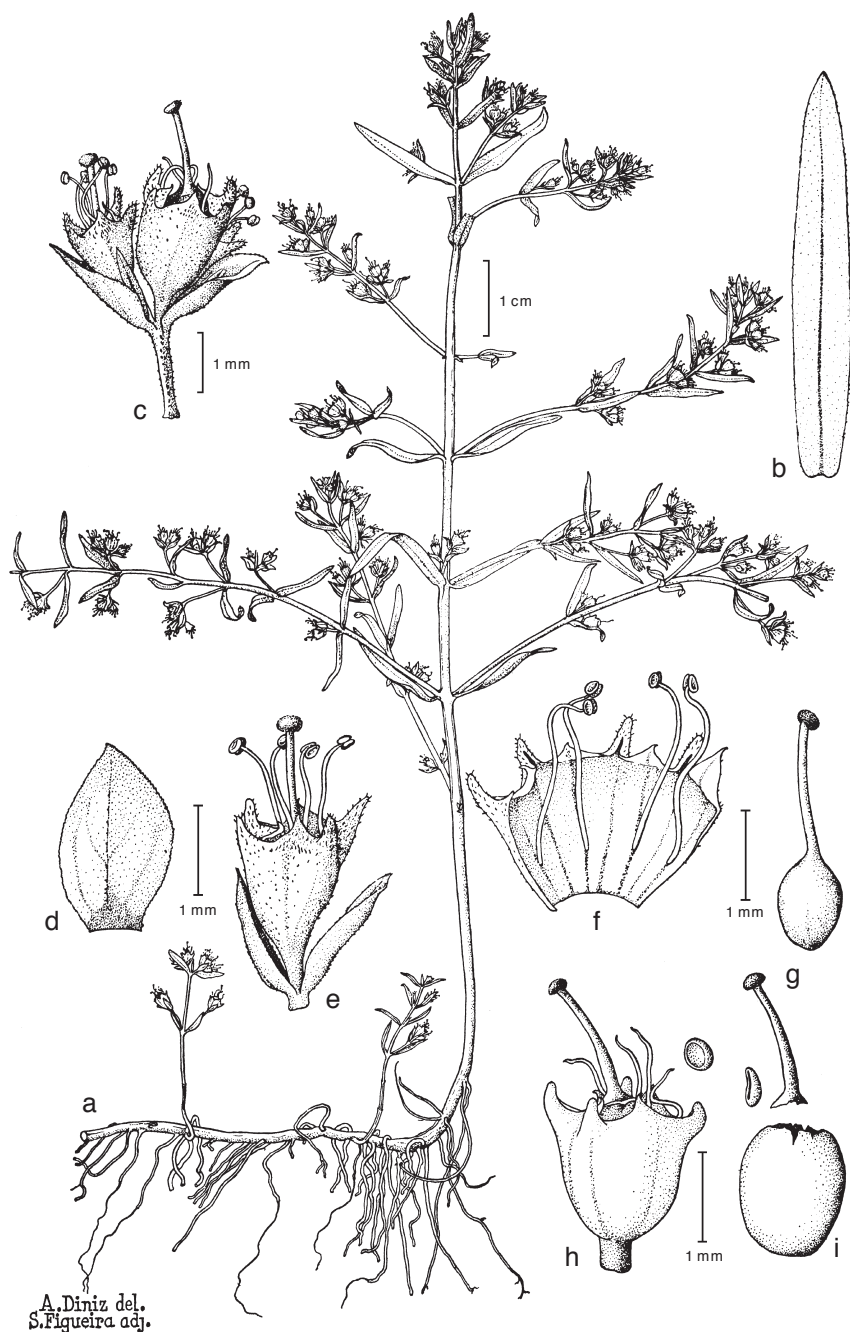


Fig. 13. *Nesaea santoi* A. Fern. & Diniz. a. Habit; b. leaf; c. dichasium; d. outer bracteole; e. flower with bracteoles; f. calyx opened; g. ovary with style; h. fruiting calyx; i. dehiscent capsule and seed (all: *Espírito Santo* 3717, COI, LISC). — Drawn by A. Diniz & S. Figueira. Reproduced from Bol. Soc. Broter., Sér. 2, 31, with permission of the Editor.

**Acridocarpus spectabilis** (Nied.) Doorn-Hoekm. (1975) 74

Bas.: *Rhinopterys spectabilis* Nied. (1896) 353.  
Shrub, in savannah woodland, wet grass savannah and margins of rivers and temporary pools.  
mph – SG – N, E – fl: ii; fl&fr: ii, iii; fr: vi

**Flabellaria paniculata** Cav. (1790) 436, t. 264  
Woody climber, in savannah woodland.  
mPhC – GC/SZ – B – fl: iv

**Heteropteris leona** (Cav.) Exell (1944) 123  
Bas.: *Banisteria leona* Cav. (1790) 424.  
Syn.: *H. africana* A.Juss. (1844) 456.  
Shrub or woody climber, in riparian forest and mangrove borders.

mph(C) – GC – N, S – fl: vi, viii; fr: vii; fl&fr: ix

V.N.: blánhe-áe (bf); ofêque (pp).

**Stigmaphyllon ovatum** (Cav.) Nied. (1900) 31  
Bas.: *Banisteria ovata* Cav. (1790) 429.  
Syn.: *Brachypteris ovata* (Cav.) Small (1910) 138.

Subshrub or small woody climber, along river margins, in mangrove and mangrove borders; also in flooded rice fields.

nph/mphC – AAt – S, E – fl: viii-xi; fl&fr: xii  
V.N.: bidjarcô (bf); tarrafe (cr); ofêque (pp).

MALVACEAE – 6 genera, 1 introduced; 18 species, 1 introduced and sub-spontaneous

FWTA 2nd ed. 1: 335–350; EPFAT 1: 187–195; FIS 6: 135–272.

A family of trees, shrubs, lianas and herbs distributed around the world but more diverse in South America. The autochthonous species found in the country are annual or perennial herbs and shrubs, occurring in several kinds of habitats, as woodland, savannah woodland, palm groves, wet grass savannah and coastal sands; also in rainfed crops, flooded rice fields and other disturbed areas. The introduced cotton plant is nowadays sub-spontaneous.

**Gossypium hirsutum** L. (1763) 975  
Small shrub, cultivated in rainfed land and sub-spontaneous in some places.

nph – Pan(Am) – N, S, E, B – fl: xi; fl&fr: v-x; fr: xii-ii

V.N.: cotondom (ba); buiel (bf); bou-hô-labo, liquê (fl); otolô (fu); cutandô (md); n'pirra, umpirra, upira (pp); algodão (pt); guisse (ss).

Introduced species, native to America, cultivated to produce cotton.

**Hibiscus asper** Hook. f. (1849) 228  
Annual herb, in savannah woodland; also ruderal.

Th – AfT – S, E – fl: x; fl&fr: xi

V.N.: busságá, n'cócó (bf); baguitche-di-mato (cr).

**Hibiscus cannabinus** L. (1759b) 1149  
Annual herb, in woodland, savannah woodland, palm groves, wet grass savannah and coastal sands; also in rainfed crops and other disturbed areas.

Th – Pan – N, S, E, B – fl: viii-xii; fl&fr: xi-xii; fr: ix-i

V.N.: n'cócó (bf); baguitche-de-mato, narcino-branco (cr); folere-burure (ff).

**Hibiscus physaloides** Guill. & Perr. (1831) 52  
Annual herb, in savannah woodland, palm groves and coastal sands.

Th – AfT – N, S, E – fl: x, xi; fl&fr: xi

V.N.: torremimi (ba); farcacutcha (fu); dana-cutcha (md).

**Hibiscus rostellatus** Guill. & Perr. (1831) 55  
Small shrub, in wet grass savannah, river banks and temporary pools; also in flooded rice fields.

mph – AfT – N, S, E – fl: xi-i; fl&fr: ii, iii; fr: i, iv

V.N.: dana-cutcha (md); lalon (pp).

**Hibiscus squamosus** Hochr. (1900) 165  
Annual herb, in wet grass savannah.

Th – SG – E – fl: viii, xi; fl&fr: xii

**Hibiscus sterculiifolius** (Guill. & Perr.) Steud. (1840) 760

Bas.: *Paritium sterculiifolius* Guill. & Perr. (1831) 60, t. 13.

Shrub, in thicket, woodland, savannah woodland, palm groves and river banks; also ruderal.

nph – SG – N, S, E, B – fl: xi-iii; fl&fr: xii-v; fr: iv

V.N.: bosse-n'pole, fur, toré (ba); corda, nacinho, nancinho (cr); bamúde (ff); bâmê, cancane-

- bámè (fu); bámè-ô (md); n'fachath, n'fafakat (nl); léu (pp).
- Hibiscus surattensis** L. (1753) 696  
Perennial herb, in woodland, savannah woodland, riparian forest, palm groves and coastal sands.  
Hem – Pal – N, S, E, B – fl: xii, i; fl&fr: x, xii; fr: xii, i  
V.N.: m'bat'u, m'datu (ba); baguitchi-di mato (bj); baguitch-di-mato, bajique-do-mato (cr); pé-di-pata (cs); conisanto (ss).
- Hibiscus tiliaceus** L. subsp. **tiliaceus** (1753) 694  
Shrub in mangrove and mangrove borders.  
mph – Pan – N, S, B – fl: v-i; fl&fr: vi-xii; fr: v, i  
V.N.: epáinta (bj); bamedé (ff); bane (fu); bameó (md); n'farande, unfarande (nl); begongabi-entche (pp); bade-lúti (ss).
- Kosteletzkya buettneri** Gürke (1889) 92  
Syn.: *K. augustii* Hochr. (1917) 252; *K. flava* Baker f. (1894) 74.  
Annual herb, in wet grass savannah.  
Th – AfT – N, E – fl&fr: viii; fr: ii
- Kosteletzkya grantii** (Mast.) Garcke (1881) 53  
Bas.: *Hibiscus grantii* Mast. (1868) 203.  
Syn.: *K. chevalieri* Hochr. (1906) 22.  
Perennial herb, in riparian forest.  
Ch – AfT – N, E – fl: ix, xii; fl&fr: xi
- Sida acuta** Burm.f. (1768) 147  
Syn.: *Sida carpinifolia* L.f. (1781) 307.  
Subshrub, in savannah woodland, palm groves and wet grass savannah; also in rainfed crops and ruderal.  
Ch – Pan – N, S, B – fl: x-xii; fl&fr: x, xi  
V.N.: nachano (bj); bassoura, vassoura-di-camara, vassoura-de-governo (cr); laléle-bala (fu); n'tachen (nl).
- Sida cordifolia** L. (1753) 684  
Perennial herb, in savannah woodland and wet grass savannah; also ruderal.  
Ch – Pan – N, S, B – fl: xii; fl&fr: x-xii
- Sida linifolia** Juss. ex Cav. (1785) 14, t. 2, f. 1  
Annual herb, in thicket, woodland, savannah woodland, wet grass savannah, small lake margins and herbaceous steppe of the lateritic cuirasses; also in rainfed crops.
- Th – AfAm – N, S, E, B – fl: xii-iv; fl&fr: x-xii; fr: xi-v  
V.N.: nami (bj).
- Sida rhombifolia** L. (1753) 684  
Perennial herb, in forest, woodland, savannah woodland, palm groves and wet grass savannah; also in flooded rice fields, rainfed crops and disturbed places.  
Ch – Pan – N, S, E – fl: x, xi; fl&fr: x-i; fr: xii-vi  
V.N.: label-baba, quebe (fu).
- Sida urens** L. (1759b) 1145  
Annual herb in river banks; also in flooded rice fields, rainfed crops and other disturbed places.  
Th – Pan – N, S, E – fl: x-iv; fl&fr: xi, xii
- Urena lobata** L. (1753) 692  
Perennial herb or subshrub, in thicket, woodland, savannah woodland, palm groves and mangrove borders; also in flooded rice fields, rainfed crops and other disturbed places.  
Ch – Pan – N, S, E, B – fl: ix-xii; fl&fr: ix-ii; fr: x, xii  
V.N.: tóro (ba); chópe (bj); corda (cr); nédè (ff); cancanadje, cancané (fu); bacarancô, dádjolô, dájulô (md); n'fafakat, n'fakach (nl); gudegude (pp).
- Wissadula amplissima** var. **rostrata** (Schumach. & Thonn.) R.E.Fr. (1908) 48  
Bas.: *Sida rostrata* Schumach. & Thonn. (1827) 306.  
Syn.: *W. rostrata* (Schumach. & Thonn.) Hook.f. (1849) 229.  
Annual herb, in forest, woodland and riparian forest.  
Th – AfT – N, S, E – fl&fr: xi, xii; fl: xi

## MELASTOMATACEAE – 9 genera; 12 species

FWTA 2nd ed. 1: 245–263; EPFAT 1: 149–159; FIS 6: 277–314.

A large family of shrubs, small trees, herbs and some vines, distributed all over the tropics. The 12 species native to the country are perennial or annual herbs as well as shrubs and small trees, most of them found in wet habitats.

**Antheroma senegambiensis** (Guill. & Perr.)  
Jacq.-Fél. (1995) 270

Bas.: *Osbeckia senegambiensis* Guill. & Perr.  
(1833) 310.

Syn.: *Dissotis senegambiensis* (Guill. & Perr.)  
Triana (1872) 58.

Perennial herb, in woodland, palm groves and wet  
grass savannah; also in flooded rice fields.

Hem – AfT – N, S, E – fl: xii-vi; fl&fr: iii, iv;  
fr: vi

V.N.: colidjoi (fu, md).

**Chaetolepis gentianoides** (Naudin) Jacq.-Fél.  
(1995) 272

Bas.: *Nerophila gentianoides* Naudin (1850)  
120.

Annual herb, in wet grass savannah.

Th – G – E – fl: xii, ii

**Dissotis grandiflora** (Sm.) Benth. (1849) 346

Bas.: *Osbeckia grandiflora* Sm. (1813b) no 6.

Perennial herb, in woodland and savannah  
woodland.

Hem – SG – S, E – fl: x, xi; fl&fr: xi

V.N.: n'outh (nl); dinhé (td).

**Dissotis thollonii** var. **elliottii** (Gilg) Jacq.-Fél.  
(1983) 28

Bas.: *D. elliottii* Gilg (1898b) 19.

Perennial herb, in wet grass savannah.

Hem – SG – S – fl: xii

**Heterotis amplexicaulis** (Jacq.-Fél.) Aké Assi  
(1984) 991; (1988) 459

Bas.: *Dissotis amplexicaulis* Jacq.-Fél. (1936)  
108.

Perennial herb, in wet grass savannah.

Hem – SG – N, E – fl: xi, xii

**Heterotis rotundifolia** (Sm.) Jacq.-Fél. (1981)  
417

Bas.: *Osbeckia rotundifolia* Sm. (1813b) no 204.

Syn.: *Dissotis rotundifolia* (Sm.) Triana (1872)  
58.

Perennial herb, in palm groves; also in flooded  
rice fields.

Hem – AfT – N, S – fl: v, xi; fl&fr: xii

V.N.: mandafnade (bf).

**Melastomastrum capitatum** (Vahl)

A. & R. Fern. (1954) 278

Bas.: *Melastoma capitatum* Vahl (1797) 45.

Syn.: *Dissotis erecta* (Guill. & Perr.) Dandy  
(1950) 192.

Perennial herb in woodland, savannah wood-  
land, palm groves, wet grass savannah; also  
in flooded rice fields.

Hem – AfT – N, S – fl: vii-xii; fl&fr: x, xi; fr:  
ix-i

V.N.: múuibam, munibau (fu); djindje-tchan-  
gola (ff).

**Memecylon afzelii** G. Don (1832) 655

Shrub or small tree, in forest and riparian forest.  
mph – G – S – fr: i, v, ix

**Memecylon normandii** Jacq.-Fél. (1953) 995

Shrub or small tree, in woodland.

mph – G – S – fr: vi

**Osbeckia tubulosa** Sm. (1813b) no 5

Syn.: *Dissotis tubulosa* (Sm.) Triana (1872) 58;  
*Podocaelia tubulosa* (Sm.) A. & R. Fern.  
(1962) 6.

Annual herb, in riparian forest and palm groves;  
also in rainfed crops.

Th – SG – N, S – fl: xi, xii

**Spathandra blakeoides** (G. Don) Jacq.-Fél.  
(1978) 225

Bas.: *Memecylon blakeoides* G. Don (1832) 655.

Shrub or small tree, in riparian forest.

mph – GC – N – fr: v

**Tristemma albiflorum** (G. Don) Benth. (1849)  
353

Bas.: *Melastoma albiflorum* G. Don (1832) 764.

Perennial herb, in forest, riparian forest, palm  
groves and wet grass savannah.

Ch – GC – N, S, E – fl&fr: x; fr: i-viii

## MELIACEAE – 4 genera; 6 species

FWTA 2nd ed. 1: 697–709; EPFAT 2: 211–215; FIS 6: 317–353.

A tropical and subtropical family of trees and shrubs. All the autochthonous species are trees, found mainly in woodland and savannah woodland. *Khaya senegalensis*, a mahogany species, has some economic importance and its populations is probably decreasing.

**Carapa procera** DC. (1824) 626

Tree, in savannah woodland, palm groves and river banks.

mPh – AfAm – N, S, E, B – fl: ii, iii; fr: iii, iv

V.N.: caranhane (bj); punhe (bm); cola-amar-goso, cola-malegossa (cr); kola-malgos, pada-di-kola, siti-malgos (cs); bunhogone (dj); boculamape (fl); boncom-hadje, gobi, mambodadje (fu); maló, boncom-ô (md); bépale, buaque, cóque (mj); bóco (pp).

**Ekebergia capensis** Sparrm. (1779) 282, t. 9

Syn.: *E. senegalensis* A.Juss. (1830a) 234.

Tree, in woodland, savannah woodland and wet grass savannah.

mPh – AfT – N, S, E, B – fl: ii, iii; fr: iv; fl&fr: iii

V.N.: nopode (bj); mánenae, marnenae (fu).

**Khaya senegalensis** (Desr.) A.Juss. (1830a) 250

Bas.: *Swietenia senegalensis* Desr. (1792) 679.

Tree, in woodland, savannah woodland, riparian forest and on river banks.

mPh – SG – N, S, E, B – fl: iii, iv

V.N.: famé, iacume, tagmi, táminii (ba); bussiló (bf); unchómrô, unchonro (bj); bissilão, bissilon (cr); betenhète (dj); cée (ff); acajou-du-Sénégal, caïcédrat (fr); cée (fu); biaiérré

(mc); djaló (md); béntia, bentiene, betone (mj); embale, utime (pp).

Species vulnerable in the region according to Hilton-Taylor (2000).

**Trichilia emetica** subsp. **suberosa** J.J.de Wilde (1968) 67

Shrub or tree, in forest, woodland and savannah woodland.

mPh – Pal – N, S, E – fl: ii-vi; fr: iii-ix

V.N.: pó-cetona (cr); búme, quécujon (fu); quécô (md).

**Trichilia monadelpha** (Thonn.) J.J.de Wilde (1966) 455

Bas.: *Limonia monadelpha* Thonn. (1827) 217.

Syn.: *T. heudelotii* Planch. ex Oliv. (1868) 334.

Tree, in forest, riparian forest and palm groves.

mPh – GC – S, B – fl: v, vi; fr: viii, ix

V.N.: nequeno (bj).

**Trichilia priureana** A.Juss. subsp. **priureana** (1830b) 238

Tree, in forest, woodland, savannah woodland, riparian forest and palm groves.

mPh – GC – N, S, E, B – fl: i-iv; fl&fr: iv; fr: ii-vi

V.N.: cudaco, nequeno (bj); fulbudjone (dj); cudaco (fl); sátágá (fu); djambadjilom, quibiricarre (fu); benkar (nl); bugondjôle (pp).

## MELIANTHACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 725–726; EPFAT 2: 222–223.

A small family of shrubs and small trees, native to sub-Saharan Africa.

**Bersama abyssinica** subsp. **paullinioides** (Planch.) Verdc. var. **paullinioides** (1950) 237

Bas.: *Natalia paullinioides* Planch. (1848) t. 780.

Small tree or shrub, in forest, thicket and riparian forest.

mPh – AfT – S – fl: v; fr: i-iv

V.N.: quélébálédje (fu); tambaordôdô (td).

## MENISPERMACEAE – 3 genera; 3 species

FWTA 2nd ed. 1: 66–77; EPFAT 2: 47–51; FIS 6: 355–370.

A family of lianas and some trees, shrubs and herbs, predominantly from tropical rain forest areas. The three species in the country occur mainly in forest, woodland, riparian forest and palm groves.



**Cissampelos mucronata** A.Rich. (1831) 11  
Herbaceous climber, in woodland, savannah  
woodland, palm groves, wet grass savannah;  
also in disturbed areas.  
CamC – AfT – N, S, E, B – fl: ix-iv; fl&fr: x  
V.N.: anéfiáfia, manéfa-fia (bf); orêdja-de-rato,  
oredja-di-sanjo, orelha-de-rato (cr); cauce-  
edjanbaran (dj); nofer-balo, nopelebaló (fu);  
bacalambách, cabate-cu'uíte, cubate-cuiate  
(mc); inétulo, nhinatulô, sapatê-ô (md);  
cabate-uíate, cubate-cuiate (mj); neun'fa-ak  
(nl); bislina (pp); nofelbade (sr).

**Dioscoreophyllum volkensii** Engl. (1895) 182  
Syn.: *D. lobatum* (C.H. Wright) Diels (1910)  
181; *Rhopalandria cumminsii* Stapf (1898b)  
71.

MENYANTHACEAE – 1 genus; 1 species

FWTA 2nd ed. 2: 302; EPFAT 4: 356–357; FIS 6: 373–376.

A small family of aquatic and wetland herbs, almost cosmopolitan.

**Nymphoides indica** subsp. **occidentalis** A. Raynal (1974) 418  
Syn.: *Limnanthemum senegalensis* (G. Don) N.E. Br. (1904) 586.  
Perennial herb, in wet grass savannah and small lakes; also in flooded rice fields.  
Hyd – Pal – N, S, E – fl: i-xii; fl&fr: ii, xii

MORACEAE – 6 genera; 29 species and varieties

FWTA 2nd ed. 1: 593–616; EPFAT 2: 129–142; FIS 6: 403–509.

A large family of trees, shrubs and some lianas and herbs, widely distributed in the tropics, subtropics and temperate regions of the world. In Guinea-Bissau the Moraceae occur in several habitats, like forest, thicket, woodland, savannah woodland, riparian forest, river banks and palm groves. The genus *Ficus*, with 23 species, is one of the largest in the country and includes some strangler shrubs, mainly on *Elaeis guineensis*.

**Antiaris toxicaria** subsp. **welwitschii** var.  
**africana** (Engl.) A. Chev. (1909b) 259  
Bas.: *A. africana* Engl. (1902b) 119.  
Syn.: *A. toxicaria* subsp. *africana* (Engl.)  
C.C. Berg var. *africana* (1977) 314.  
Tree, in forest, thicket, woodland, savannah  
woodland, riparian forest and palm groves.  
mPh – SG – N, S, E, B – fr: ii-v  
V.N.: noii (bj); língua-di-baca, pau-bicho, pau-  
de-bicho-amarelo, pó-de-bicho-branco, po-  
de-bitche, pó-de-lete (cr); djauláe, nhenhe,  
tambatchilam, tchime (fu); tumbuiru (md);  
binam-ne, cóngoró, cóngôrô, (mj); bucanhe  
(pp); n'nhonhinhe (ss).

Small woody climber, in forest, woodland and  
river banks.  
mphC – GC – S – fl: viii, x; fr: viii-i  
V.N.: ambolbol-n'for (fruto), bubolmbol, n'fora,  
unforá (planta) (bf); n'por (nl).

**Trichlisia patens** Oliv. (1868) 49  
Large woody climber, in forest, woodland, ripar-  
ian forest and palm groves.  
MPhC – G – N, S, E – fl: ii-iv; fr: iii-ix  
V.N.: bossê (ff); portotô, uelifedjite (fu); manar-  
kambanchum, manar-gambanjo (nl);  
firifora (ss).

**Dorstenia cuspidata** Hochst. ex A. Rich. var.  
**cuspidata** (1850) 272  
Syn.: *D. walleri* Hemsl. (1893) 178.  
Perennial herb, in forest.  
Geo – AfT – S – fl& fr: ix

**Dorstenia cuspidata** var. **preussii** (Engl.)  
Hijman (1990) 364  
Bas.: *D. preussii* Engl. (1894c) 143.  
Perennial herb, in riparian forest.  
Geo – G – E – fl: vii, viii

**Ficus asperifolia** Miq. (1848) 231, t. 15B; ex  
Benth. (1849) 424  
Shrub or woody climber, in woodland and ripar-  
ian forest.  
mph(C) – AfT – N, S – fr: viii, xi

The vernacular names *pó-de-leite*, in crioulo and *bussóté*, in beafada, related to the white colored latex, seem to be applied to all of the *Ficus* species.

**Ficus cordata** subsp. **lecardii** (Warb.) C.C. Berg (1988) 81

Bas.: *F. lecardii* Warb. (1904) 24.

Tree, in savannah woodland, riparian forest and river banks.

mPh – G – S, E – fr: i-xii

**Ficus dicranostyla** Mildbr. (1911) 204

Tree, in thicket, woodland, savannah woodland and river banks.

mPh – SZ – N, S, E, B – fr: xi-iv

V.N.: sur (ba); d'jambô, djambo-surei suredje, surei (fu); anak (td).

**Ficus elasticoides** De Wild. (1913) 302

Tree, in woodland.

mPh – GC – B – fr: iv

V.N.: cágê (bj).

**Ficus exasperata** Vahl (1805) 197

Tree, in forest, thicket, woodland, palm groves and river banks.

mPh – Pal – N, S, B – fr: xi-iv

V.N.: noii (bj); uiássiáss (cb); aarta-lixo, borra-cha-di-marabu, língua-di-baca, po-di-lixo, (cr); karda (cs); nhinha (fu); bungadjé, n'cungre (uncungre) (mj); cuncre, cungre, n'cuncre, uncuncre (pp).

**Ficus glumosa** Delile (1826) 63

Syn.: *F. glumosa* var. *glaberrima* Martelli (1886) 76.

Tree, in woodland and savannah woodland.

mPh – AfT – N, S, E – fr: i-xii

V.N.: ságuê (ba); pau-de-leite (cr); quequeiê (fu); sóto (md).

**Ficus lutea** Vahl (1805) 185

Syn.: *F. vogelii* (Miq.) Miq. (1867) 288.

Tree or epiphyte strangler shrub, mainly on *Elaeis guineensis*, in forest, thicket, palm groves, mangrove borders and coastal sands.

mph – AfT – N, S, B – fr: i-xii

V.N.: belaque, laha (ba); fugéra (cs); bupocó (fs); ordenáe, ordenal, tchéguedje, tcheque, tcheque-súmô (fu); cóbô, sufa-sotô (md).

**Ficus lyrata** Warb. (1894) 172

Epiphyte strangler shrub or tree, in forest.

mPh – G – S

**Ficus mucoso** Ficalho (1884) 270

Tree, in forest and riparian forest.

mPh – GC – S – fr: v

V.N.: n'ran (nl).

**Ficus natalensis** subsp. **leprieurii** (Miq.)

C.C. Berg (1988) 88

Bas.: *F. leprieurii* Miq. (1867) 219.

Epiphyte strangler shrub on *Elaeis guineensis* or tree, in forest, savannah woodland, palm groves and mangrove borders.

mph – GC – N, S, E, B – fr: i-xii

V.N.: blaca (ba); cagô, endjunque (bj); parafidin-tera, pov-di-dalgu, tarafi-din-tera (cs); bucôno (fs); balimpô, calimbô (md); uchime (pp).

**Ficus ottoniifolia** (Miq.) Miq. subsp. **ottoniifolia** (1867) 288

Bas.: *Urostigma ottoniifolium* Miq. (1847) 557.

Epiphyte strangler shrub mainly on *Elaeis guineensis* or tree, in forest, woodland, savannah woodland, riparian forest and palm groves.

mPh – SGC – N, E – fr: iv, vi, xii

V.N.: bucone (fs); n'cungne (mj); bissime, n'cuncre, uncungre (pp).

**Ficus ovata** Vahl (1805) 185

Epiphyte strangler shrub mainly on *Elaeis guineensis* or tree, in forest, thicket, savannah woodland, riparian forest and river banks.

mPh – AfT – N, S, E – fr: iv, vi, xi

V.N.: dualim-ô (md).

**Ficus platyphylla** Delile (1826) 62

Tree, in savannah woodland.

mPh – SG – E – fr: viii

V.N.: súrei (fu).

**Ficus polita** Vahl (1805) 182

Epiphyte strangler shrub mainly on *Elaeis guineensis* or tree, in forest and palm groves.

mPh – AfT – N, S, B – fr: xii-ii

V.N.: figueirinha (cr); bupóco (mj).

**Ficus sagittifolia** Mildbr. & Burret (1911) 241

Epiphyte strangler shrub or tree in forest.

mph – G – S – fr: vii

V.N.: noncom (fu).

**Ficus sansibarica** subsp. **macroserma**

(Mildbr. & Burret) C.C. Berg (1988) 94

Bas.: *F. macroserma* Mildbr. & Burret (1911) 223.

Tree, in forest and riparian forest.

mPh – GC? – S, B

V.N.: endjonco, endjonque (bj); unfôr (nl);  
sosukukuri (ss).

**Ficus scott-elliottii** Mildbr. & Burret (1911)  
234

Tree, in forest, savannah woodland, palm groves  
and coastal sands.

mPh – G – N, S, E, B – fr: i-xii

V.N.: blaca (ba); bucôno (fs).

**Ficus sur** Forssk. (1775) cxxiv, 180

Syn.: *F. capensis* Thunb. (1786) 13.

Tree, in forest, thicket, woodland, savannah  
woodland, palm groves, riparian forest and  
on river banks.

mPh – AfT – N, S, E, B – fr: i-xii

V.N.: blata, tumbli (ba); canhamá, catchocodo  
(bj); défay (cs); bucune (fs); tcheque,  
tchequedje (fu); buncuncul (mc); turô (md);  
cuncre, cungere, n'cungere, uncungere (mj);  
intonkindjá, n'tankindjá, tonkin-ia, tonquinha  
(nl); uncúngne (pp); kodé (ss); anaque (td).

**Ficus sycomorus** subsp. **gnaphalocarpa** (Miq.)  
C. C. Berg (1980) 272

Bas.: *Sycomorus gnaphalocarpa* Miq. (1848)  
113.

Syn.: *F. gnaphalocarpa* (Miq.) A. Rich. (1850)  
270.

Tree, in woodland.

mPh – AfT – N, S – fr: i, ii

V.N.: chéque, tcheque (pl. tchequedje) (fu);  
cungere, n'cungere, uncungere (mj).

**Ficus thonningii** Blume (1838) 17

Epiphyte strangler shrub on *Elaeis guineensis*  
or tree, in forest, woodland, palm groves and  
mangrove borders.

mPh – AfT – N, S – fr: i-xii

V.N.: dubaláe, ordenae (fu).

**Ficus trichopoda** Baker (1883) 261

Syn.: *F. congensis* Engl. (1886) 59.

Tree or shrub, in forest, riparian forest and edges  
of rivers and small lakes; also in flooded rice  
fields.

mPh – AfT – N, S, E, B – fr: xii-vi

V.N.: cátôpa (bj).

**Ficus umbellata** Vahl (1805) 182

Epiphyte strangler shrub mainly on *Elaeis gui-  
neensis* or tree, in forest, woodland, savannah  
woodland and palm groves.

mPh – GC – N, S, E, B – fr: i

V.N.: iagá (ba); cagô (bj); unque, urque (fu);  
unfor (nl); amarâ (td).

**Ficus vallis-choudae** Delile (1843) 94

Tree, probably on river banks.

mPh – AfT

V.N.: guibè (fu).

Species known only from bibliographical refer-  
ence (Espírito Santo 1963).

**Milicia regia** (A. Chev.) C. C. Berg (1982) 227

Bas.: *Chlorophora regia* A. Chev. (1912b) 209.

Tree, in woodland, savannah woodland, ripar-  
ian forest.

mPh – SG – N, S, E, B – fl: iii

V.N.: tímè, tumbiro (ba); cunde (bj); pó-de-bi-  
cho-amarelo, pó-de-bitcho-risso (cr); po-de-  
sinsa (cs); tumbú-surô (md); binam-ne (mj).

Species vulnerable in the region according to  
Hilton-Taylor (2000).

**Morus mesozygia** Stapf (1909b) 99

Tree, in forest, woodland and palm groves; also  
cultivated as ornamental in villages.

mPh – AfT – N, B – fl: v; fr: iv, v

V.N.: po-di-bitcho-branco (cr); nepone (bj).

**Treculia africana** Decne. ex Trécul subsp.

**africana** var. **africana** (1847) 108, t. 3

Tree, in forest, riparian forest and mangrove  
edges.

mPh – AfT – N, S, E – fl: iii, iv; fl&fr: i; fr:  
i-vi

V.N.: sénhe (ba); mantchambe (cr); bala, busaka,  
sobsob (cs); guilinte (ff); guibinte, mant-  
champudje (fu); mantchambô (md); becuáe  
(mj); n'sempé (nl); bulóio (pp).

## MYRISTICACEAE – 2 genera; 2 species

FWTA 2nd ed. 1: 60–62; EPFAT 1: 43–44; FIS 6: 515–521.

A pantropical family of trees, with most of the species occurring in lowland rain forests.

**Coelocaryon oxycarpum** Stapf (1909c) 164

Tree, in riparian forest and river banks.

mPh – G – N, S – fl&fr: iii, fr: iii, vi

**Pycnanthus angolensis** (Welw.) Warb. (1895)  
100

Bas.: *Myristica angolensis* Welw. (1862) 51.

Syn.: *P. kombo* (Baill.) Warb. (1897) 252.

Large tree, in forest, woodland and riparian forest.

MPh – GC – N, S, E, B – fr: v

V.N.: súnkala (fu); menebantam-ô (md).

## MYRSINACEAE – 1 genus; 1 species

FWTA 2nd ed. 2: 30–33; EPFAT 4: 49–52; FIS 6: 523.

A medium sized family of trees, shrubs and climbers, widely distributed from warm temperate to tropical regions.

**Embelia rowlandii** Gilg (1901) 95

Shrub or woody climber, in forest, woodland and savannah woodland.

mPh(C) – G – N, S – fl&fr: viii

## MYRTACEAE – 2 genera; 2 species

FWTA 2nd ed. 1: 235–241; EPFAT 1: 145–148; FIS 6: 527–567.

A large family of trees and shrubs, widely distributed in the tropics and subtropics but more diverse in Australia and America. The two native species in Guinea-Bissau occur mainly in wet habitats. Most of the introduced ones have edible fruits. There are probably several *Eucalyptus* species, but they have no economic importance in the country as timber.

**Eugenia calophylloides** DC. (1828) 272

Shrub, in woodland and riparian forest.

mPh – G – N, E, B – fl: i, iii; fl&fr: ii, iv

V.N.: éparché (bj); djóram (fu).

**Syzygium guineense** (Willd.) DC. subsp. **guineense** (1828) 259

Bas.: *Calypttranthes guineense* Willd. (1800a) 974.

Syn.: *S. guineense* var. *macrocarpum* Engl.

(1921) 738; *S. guineense* var. *littorale*

(Aubrév.) Keay (1953b) 289.

Shrub or tree, in woodland, savannah woodland, riparian forest, palm groves, wet grass savannah, small lakes and coastal sands.

mPh – Pal – N, S, E, B – fl: ii-v; fl&fr: vi; fr: i, v, x

V.N.: n'ocasso, nopêdê (bj); pó-branco (cr); sotôno, trafidin-tera (cs); butote (dj); cadjô (ff); culelam-ô (md).

## NYCTAGINACEAE – 2 genera, 1 introduced; 4 species, 1 introduced, sub-spontaneous

FWTA 2nd ed. 1: 176–178; EPFAT 1: 117–118; FIS 6: 569–596.

A family of herbs, shrubs and trees, pantropical but more diverse in America. All the species in the country are perennial herbs, the native ones are found mostly in wet places and the introduced one is cultivated as ornamental.

**Boerhavia coccinea** Mill. (1768) n° 4

Perennial herb, in riparian forest, wet grass savannah and margins of rivers and small lakes.

Hem – Pan – N, E – fl: x; fl&fr: viii-xii; fr: x

V.N.: cumara-sabi, fendala,(fu).

**Boerhavia diffusa** L. (1753) 3

Perennial herb, in riparian forest, wet grass savannah and margins of rivers and small lakes.

Hem – Pan – N, E – fl&fr: xi

V.N.: fendala (fu).

**Boerhavia erecta** L. (1753) 3

Perennial herb, in riparian forest, wet grass savannah and margins of rivers and small lakes.

Hem – Pan – E – fl&fr: vii, xi; fr: ix, xi

V.N.: cumara-sabi, fendala, sabi-cura (fu).

**Mirabilis jalapa** L. (1753) 177

Perennial herb with tuberous root, cultivated as ornamental; also in disturbed areas.

Geo – AfAm(Am) – N, S – fl&fr: iv, viii

Introduced species, sub-spontaneous, native to Peru.

## NYMPHAEACEAE – 1 genus; 4 species

FWTA 2nd ed. 1: 65–66; EPFAT 1: 47; FIS 6: 599–609.

A small cosmopolitan family of perennial rhizomatous herbs, found in several kinds of freshwater habitats.

**Nymphaea heudelotii** Planch. (1853) 4

Perennial herb in rivers, riparian forest, wet grass savannah and small lakes.

Hyd – AfT – S, E – fl: ix, x

**Nymphaea lotus** L. (1753) 511

Perennial herb, in wet grass savannah, small lakes and temporary pools; also in flooded rice fields.

Hyd – Pal – N, S, E, B – fl: ix-iv

V.N.: tchingalir (ba); cancinhai (bj, cr); baracurudje, barguruia (fu?); enquéqueler, entchiqueler (pp).

**Nymphaea micrantha** Guill. & Perr. (1831) 16

Perennial herb, in wet grass savannah, small lakes and temporary pools; also in flooded rice fields.

Hyd – SG – N, S, E, B – fl: x-vi

V.N.: quèquèlique (mj); ebengalei-iamakei (fl); baracuradje, boragurundja, buragurudja (fu).

**Nymphaea nouchali** var. **caerulea** (Savigny)

Verdc. (1989) 7

Bas.: *N. caerulea* Savigny (1802) 366.

Perennial herb, in rivers and riparian forest; also in flooded rice fields.

Hyd – AfT – S

## OCHNACEAE – 4 genera; 6 species

FWTA 2nd ed. 1: 221–232; EPFAT 1: 140–143.

A family of trees, shrubs and some herbs, pantropical but more diverse in tropical South America. The woody species occurring in the country are found chiefly in woodland, savannah woodland and riparian forest and the herbaceous ones in aquatic and wet places.

**Campylopermum flavum** (Schumach. &

Thonn.) Farron (1965) 397

Bas.: *Gomphia flava* Schumach. & Thonn. (1827) 216.

Syn.: *Ouratea flava* (Schumach. & Thonn.)

Hutch. & Dalziel ex Stapf (1923) t. 9023.

Small tree or shrub, in thicket, riparian forest and river banks.

mph – GC – S – fl: iii; fl&fr: iii, iv; fr: iv, v

V.N.: n'saúnte (nl).

**Campylopermum reticulatum** (P.Beauv.)

Farron (1965) 400

Bas.: *Gomphia reticulata* P.Beauv. (1810) 22, t. 72.

Syn.: *Ouratea reticulata* (P.Beauv.) Engl. (1893a) 79.

Shrub, in riparian forest.

mph – GC – S – fr: x

V.N.: ladelbodel, mémè (fu).

**Campylopermum squamosum** (DC.) Farron (1965) 402

Bas.: *Gomphia squamosa* DC. (1811) 418.

Syn.: *Ouratea squamosa* (DC.) Engl. (1876) 318.

Shrub, in woodland, riparian forest, palm groves and mangrove edges.

mph – SG – N, S, E, B – fl: xii-vi; fl&fr: xii-v; fr: v

V.N.: ladelbodel (fu); mémè (ff, fu).

**Lophira lanceolata** Tiegh. ex Keay (1954b)

487

Tree, in woodland, savannah woodland and coastal sands.

mPh – SGC – N, S, E, B – fl: xii-ii; fl&fr: xii;  
fr: iv, v  
V.N.: p'fancha (ba); udoma (bj); mené (cr); ma-  
langua, marnenáe, p'bancar (ff); ledalbodeel,  
malangua, marnenáe, p'bancar (fu); mufó  
(pp); mené (ss).

**Ochna membranacea** Oliv. (1868) 316  
Shrub, in savannah woodland.  
mph – GC – B

**Sauvagesia erecta** L. (1753) 203  
Annual herb, in wet grass savannah and tempo-  
rary pools; also in flooded rice fields.  
Th – AfAm – N, E – fl: xii; fl&fr: x-ii

OLACACEAE – 4 genera; 4 species

FWTA 2nd ed. 1: 644–649; EPFAT 2: 159–160.

A family of trees, shrubs and lianas, pantropical but more diverse in the Old World Tropics. The four species native to the country are shrubs or small trees found mainly in forest, woodland, savannah woodland and riparian forest.

**Heisteria parvifolia** Sm. (1811a) 3  
Shrub or small tree, in riparian forest and river  
banks.  
mph – GC – N, S, E, B – fl: x, xii; fr: iii-vi

**Olag gambecola** Baill. (1862–1863) 121  
Shrub, in river banks.  
nph – GC – S  
Species known only from bibliographic refer-  
ence (Malaisse 1996).

**Strombosia pustulata** Oliv. (1894) t. 2299  
Tree, in forest.  
mPh – GC – S – fl: xi; fl&fr: ii; fr: iv, viii  
V.N.: osso-de-dari (cr); dêmocóri (fu); tinlake  
(nl).

**Ximения americana** L. (1753) 1193  
Shrub or tree, in forest, woodland, savannah  
woodland, riparian forest, palm groves, wet  
grass savannah, mangrove borders and coastal  
sands.  
mPh – Pan – N, S, E, B – fl: x-v; fl&fr: i, iv;  
fr: xii-v  
V.N.: agara (bj); udônggul, undemna-aguidig (cb);  
limon-do-mato, limon-di-sancho (cr); citro-  
nier-de-mer, prunier-de-mer (fr); tcheme,  
tjeme (fu); tufissa (md); mampã (nl); tufissa,  
tumbecrinhaque (ss).

OLEACEAE – 2 genera; 4 species

FWTA 2nd ed. 2: 47–51; EPFAT 4: 61–66.

A family of trees, shrubs and woody climbers, almost cosmopolitan. Three of the four species in the country occur mainly in forest, woodland and savannah woodland and the fourth, *Jasminum dichotomum*, is found in wet places.

**Jasminum dichotomum** Vahl (1804) 26  
Woody climber, in riparian forest, on river banks  
and in mangrove edges.  
mPhC – AfT – S, E – fl: x; fr: iv-xii

**Jasminum pauciflorum** Benth. (1849) 443  
Woody climber, in forest, thicket, woodland and  
savannah woodland.  
mphC – AfT – N, S – fl: vii; fr: x-i  
V.N.: nechamo (bj).

**Jasminum streptopus** E.Mey. ex DC. (1844)  
307  
Syn.: *J. ellipticum* Knobl. (1936) 282.  
Woody climber, in woodland.  
mphC – GC/SZ? – N – fl: vii

**Schrebera arborea** A.Chev. (1912b) 180  
Syn.: *S. chevalieri* Hutch. & Dalziel (1931)  
26.  
Tree, in woodland and savannah woodland.  
mPh – SGC – N, S, E, B – fl: v; fr: xii-iv  
V.N.: bugóiaba (the plant), goiaba (the fruit) (bf);  
maharra (bj); pau-goiaba, po-de-goiaba (cr);  
batirô (md).

## ONAGRACEAE – 1 genus; 8 species, 1 introduced, sub-spontaneous

FWTA 2nd ed. 1: 166–177; EPFAT 1: 113–114.

A family of herbs, often aquatic, and some shrubs and trees; cosmopolitan but more diverse in south-western North America. The native species occur in wet habitats, like rivers, wet grass savannah, small lakes and temporary pools as well as in flooded rice fields. The introduced one has ruderal traits.

**<sup>1</sup> Ludwigia decurrens** Walter (1788) 89

Syn.: *Jussiaea decurrens* (Walter) DC. (1828) 56.

Annual herb, adventive in disturbed areas.

Th – AfAm (Am) – N – fl&fr: x

V.N.: boroboro, borro-borro, aco-faró (fu).

Introduced species, sub-spontaneous, native to tropical America.

**Ludwigia erecta** (L.) H. Hara (1953) 292

Bas.: *Jussiaea erecta* L. (1753) 388.

Annual herb, in flooded rice fields.

Th – AfAm – E – fl: vi; fr: vi

V.N.: boro-boro, boro-boro-faró (fu); boro-boro-bé (md).

**Ludwigia hyssopifolia** (G. Don) Exell ex A. & R. Fern. (1957a) 471

Bas.: *Jussiaea hyssopifolia* G. Don (1832) 693.

Annual herb, in wet grass savannah, rivers and small lakes; also in flooded rice fields.

Th – Pan – N, S, E, B – fl: ix-iii; fl&fr: xi-i; fr: xi-iv

V.N.: aco-faró, boroboro, borro-borro (fu); ndacatua-afudo (nl).

**Ludwigia leptocarpa** (Nutt.) H. Hara var. **leptocarpa** (1953) 292

Bas.: *Jussiaea leptocarpa* Nutt. (1818) 279.

Perennial herb, in wet grass savannah, rivers and small lakes; also in flooded rice fields.

Hel – AfAm – N, S, E – fl: xi-v; fl&fr: iv

V.N.: ruta, rutn (ba).

**Ludwigia octovalvis** var. **brevisepala** (Brenan) P.H. Raven (1962) 476

Bas.: *Jussiaea suffruticosa* var. *brevisepala* Brenan (1953) 168.

Syn.: *L. pubescens* var. *linearis* (Willd.) A. & R. Fern. (1957b) 115.

Annual herb, in flooded rice fields.

Th – AfT – N, S, E, B – fl: vi-xi; fl&fr: xi, xii; fr: vi

V.N.: boro-boro-faró, funnhonho (fu).

**Ludwigia senegalensis** (DC.) Troch. (1940) 378

Bas.: *Prieurea senegalensis* DC. (1828) 58.

Syn.: *Jussiaea senegalensis* (DC.) Brenan (1953) 164.

Perennial herb, in wet grass savannah and small lakes.

Hel – AfT – E – fl: xii

V.N.: ruta, rutn (ba).

**Ludwigia stenorraphe** (Brenan) H. Hara subsp. **stenorraphe** (1953) 294

Bas.: *Jussiaea stenorraphe* Brenan (1953) 164.

Perennial herb, in wet grass savannah, small lakes and temporary pools; also in flooded rice fields.

Hel – AfT – S, E, B – fl: ix; fl&fr: xii

**Ludwigia stolonifera** (Guill. & Perr.)

P.H. Raven (1963) 390

Bas.: *Jussiaea stolonifera* Guill. & Perr. (1833) 292.

Syn.: *Jussiaea repens* var. *diffusa* (Forssk.)

Brenan (1953) 171; *J. adscendens* var. *diffusa*

(Forssk.) H. Hara (1953) 291; *L. adscendens*

subsp. *diffusa* (Forssk.) P.H. Raven (1962) 476.

Perennial herb, in small lakes.

Hel – AfT – E – fr: iv

## OPILIACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 651–652; EPFAT 2: 160–161.

A small family of trees, shrubs and woody climbers, sometimes included in the Olacaceae. The family has a pantropical distribution, but with the majority of the species in Africa and Asia.

**Opilia amentacea** Roxb. (1802) 31, t. 158

Syn.: *O. celtidifolia* (Guill. & Perr.) Endl. ex Walp. (1842) 377.

Woody climber, in savannah woodland and on river banks.

mphC – AfT – S, E – fl: xii-ii; fr: iii-vii

V.N.: silanincom-ô (md).

## OXALIDACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 157–159; EPFAT 1: 106–107.

A family of annual and perennial herbs, widespread in the tropical, subtropical and temperate regions of the world. Nevertheless, most of the species are native to tropical and subtropical Asia and Africa and tropical America.

**Biophytum umbraculum** Welw. (1859) 590

Syn.: *B. petersianum* Klotzsch (1861) 81.

Annual herb, in savannah woodland, wet grass savannah and temporary pools; also in rainfed crops and disturbed areas.

Th – Pal – N, E, B – fl: ix-ii

V.N.: cudôro (bj).

## PAPAVERACEAE – 1 genus, introduced; 1 species, naturalized

FWTA 2nd ed. 1: 84; EPFAT 1: 53.

A family of annual and perennial herbs and some shrubs too. Most of the species are native to the north temperate zone.

**Argemone mexicana** L. (1753) 508

Annual herb, in disturbed areas.

Th – Pan(Am) – N, S, B – fl&fr: xii, ii; fr: i

V.N.: tilinha-felêndje (fu); bucôli (pp).

Introduced species, naturalized, native to America.

PASSIFLORACEAE – 3 genera, 1 introduced;  
8 species and varieties, 1 introduced and naturalized

FWTA 2nd ed. 1: 199–203; EPFAT 1: 127–129.

A tropical and subtropical family of climbers, shrubs, trees and herbs, more diverse in America and Africa. The seven autochthonous species in the country are perennial herbaceous climbers and shrubs, found in forest, thicket, woodland, riparian forest and palm groves.

**Adenia cissampeloides** (Planch. ex Hook.)

Harms (1897) 255

Bas.: *Modecca cissampeloides* Planch. ex Hook. (1849) 365.

Perennial herbaceous climber, in palm groves.

mPhC – AfT – S

V.N.: malápè (fu); lápò (md).

**Adenia dinklagei** Hutch. & Dalziel (1927) 174

Perennial herbaceous climber, in forest, thicket and woodland.

mPhC – G – S, E – fl: viii; fr: x

**Adenia lobata** (Jacq.) Engl. (1891) 375

Bas.: *Modecca lobata* Jacq. (1801) 82, t. 131.

Perennial herbaceous climber, in forest, woodland, riparian forest and palm groves.

mPhC – GC – N, S, B – fr: i

V.N.: belau (ba); belau (bf); rabo-de-lagarto (cr); urebau (fl); endembessauare (td).

**Adenia rumicifolia** Engl. & Harms var. **rumicifolia** (1921) 603

Perennial herbaceous climber, in woodland.

mPhC – AfT – E – fr: iii

**Passiflora foetida** L. (1753) 959

Annual climbing herb, in woodland, palm groves, wet grass savannah and on river banks; also in flooded rice fields.

Th – Pan(Am) – N, S, E – fl&fr: i, ix; fr: viii-iv; fl&fr v

V.N.: lamurel (fu).

Species native to tropical America, nowadays naturalized around the tropics.

**Smeathmannia laevigata** Sol. ex R.Br. var. **laevigata** (1821) 221

Shrub, in thicket, riparian forest and palm groves.

mPh – SG – N, S, E, B – fl: ii; fl&fr: iii, vi; fr: v, xii

V.N.: edjerê (bj).



**Smeathmannia laevigata** var. **nigerica** A.Chev.  
ex Hutch. & Dalziel (1827) 171  
Shrub, in forest, thicket, savannah woodland,  
riparian forest and palm groves.  
mph – SG – N, S, E, B – fl: xi-ii; fl&fr: iii fr:  
xii-iv  
V.N.: edjerê (bj); upelelè (dj); bugue (pp).

**Smeathmannia pubescens** Sol. ex R.Br. (1821)  
221  
Shrub or small tree, in forest and riparian forest.  
mph – G – N, E – fl: xii-iv  
V.N.: boróbo (bf); n'baptume (nl); tókékélé (= chicken's egg) (ss).

PEDALIACEAE – 2 genera; 2 species

FWTA 2nd ed. 2: 388–391; EPFAT 4: 461–464.

A small family of annual and perennial herbs and some shrubs, occurring in dry and shore areas of Africa, Madagascar, Indomalaysia and Australia. *Sesamum radiatum* is cultivated but probably autochthonous to the country.

**Ceratotheca sesamoides** Endl. (1832) 5,  
f. 1–2  
Annual herb, in flooded rice fields, rainfed crops  
and other disturbed places.  
Th – AfT – S, E – fl: ix-x  
V.N.: tchaba-laba (ba); lalu-caminho, tan-tan (cr);  
bulantam-ô, bulatam-ô (md); benona (mj).

**Sesamum radiatum** Schumach. & Thonn.  
(1827) 282  
Annual herb, cultivated in rainfed lands. Their  
leaves are edible and used as legume and also  
to make soap; an edible oil is made from their  
seeds.  
Th – Pan(AfT) – N, S, B – fl: xi; fl&fr: x; fr:  
v-x  
V.N.: tchaba-laba (ba); lalo-caminho (cr); tca-  
belabá (nl).  
An African species, nowadays introduced and  
cultivated in other tropical regions.

PIPERACEAE – 2 genera; 2 species

FWTA 2nd ed. 1: 81–84; EPFAT 1: 52–53.

A large pantropical family of herbs, shrubs, woody climbers and small trees, distributed mostly in the rain forests. The two species in the country are found chiefly in forest, woodland and riparian forest.

**Peperomia pellucida** (L.) Kunth (1816) 64  
Bas.: *Piper pellucidum* L. (1753) 30.  
Annual herb, in riparian forest and palm groves;  
also in rainfed crops.  
Th – Pan – N, E – fl: viii-xii

**Piper guineense** Thonn. ex Schumach. (1827)  
19  
Woody climber, in forest, woodland, riparian  
forest and on river banks.  
mPhC – AfT – S, E, B – fl: i, xii; fr: ii, x  
V.N.: nhamaco (fu).

PLUMBAGINACEAE – 1 genus; 1 species

FWTA 2nd ed. 2: 306; EPFAT 4: 359–360.

A cosmopolitan family of annual or perennial herbs and shrubs or climbers, more frequent in dry or saline habitats.

**Plumbago zeylanica** L. (1753) 151  
Perennial herb, in forest, woodland and palm groves; also in disturbed areas.  
Ch – Pan – N, B – fl: xi; fl&fr: xii, iii; fr: i

## PODOSTEMACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 122–127; EPFAT 1: 78–81.

A pantropical family of aquatic herbs growing attached to rocks and stones in watercourses.

**Ledermanniella** cf. **adamesii** (G. Taylor) C. Cusset (1974) 273

Bas.: *Inversodicraea adamesii* G. Taylor (1953) 69.

Annual herb, in rivers.

ThA – G – E – fl: x, ii

## POLYGALACEAE – 4 genera; 11 species and subspecies

FWTA 2nd ed. 1: 108–114; EPFAT 1: 69–72.

A family of herbs, shrubs, climbers and trees, almost cosmopolitan. From the eleven taxa in the flora of Guinea-Bissau, most of them occurring mainly in wet habitats, eight are annual herbs, belonging to the *Polygala* genus, and three are shrubs, woody climbers or small trees.

**Atroxima afzeliana** (Oliv.) Stapf (1905b) 86.

Bas.: *Carpolobia afzeliana* Oliv. (1868) 136.

Woody climber, in forest, riparian forest and river banks.

mPhC – GC – N, S, B – fl: i-iii; fl&fr: iv; fr: iv

V.N.: bontanhe (mj).

**Carpolobia alba** G. Don (1831) 370

Shrub or small tree, in river banks.

mph – GC – N, S – fl: i-iv

V.N.: bontanhe (mj).

**Polygala arenaria** Willd. (1802) 880

Annual herb, in wet grass savannah, savannah woodland and coastal sands.

Th – AfT – N, S, E, B – fl: x-i

**Polygala baikiei** subsp. **pobeguinii** (A. Chev. & Jacq.-Fél.) Paiva (1998) 201

Bas.: *P. pobeguinii* A. Chev. & Jacq.-Fél. (1938) 442.

Annual herb, in savannah woodland.

Th – SG – E – fl&fr: ix

**Polygala capillaris** E. Mey. ex Drège subsp. **capillaris** (1843) 212

Annual herb, in wet grass savannah.

Th – AfT

Species known only from bibliographic reference (Paiva 1998).

**Polygala capillaris** subsp. **perrottetiana** (Paiva) Paiva (1998) 161

Bas.: *P. perrottetiana* Paiva (1982) 52.

Annual herb, in wet grass savannah.

Th – SG – B – fl: v

**Polygala lecardii** Chodat (1893) 122

Annual herb, in wet grass savannah, small lake margins and coastal sands.

Th – Pal – N, S, B – fl: v; fl&fr: xii-ii

**Polygala minuta** Paiva (1982) 51

Annual herb, in wet grass savannah.

Th – G – N – fl: i

**Polygala multiflora** Poir. (1817) 497

Annual herb, in savannah woodland; also in disturbed places.

Th – S – N, S, E – fl&fr: x; fr: vi-ix

**Polygala rarifolia** DC. (1824) 332

Annual herb, in savannah woodland and temporary pools; also in disturbed places.

Th – G – N, S – fl: xii; fl&fr: x, xi

V.N.: tam-flaque (ba); n'nôgne (umnôgne) (pp).

**Securidaca longipedunculata** Fresen. (1837) 275

Shrub or small tree, in woodland, savannah woodland, river banks and mangrove borders.

mph – AfT – N, S, E, B – fl: vi; fl&fr: iv; fr: ix-i

V.N.: mamapai (ba); djutu (bf); jurtú, jutú (cr); djúrô (fu); úli-élô (md).

## POLYGONACEAE – 3 genera; 4 species and forms

FWTA 2nd ed. 1: 137–142; EPFAT 1: 90–92.

A large family of herbs, shrubs, trees and climbers, cosmopolitan but more diverse in the northern temperate regions. Three perennial herbs and a shrub are autochthonous in Guinea-Bissau, being found in wet habitats, such as river and small lake margins, wet grass savannah, small lakes and temporary pools and in flooded rice fields.

**Persicaria senegalensis** forma **albotomentosa**

(R.A.Graham) K.L. Wilson (1990) 630

Bas.: *Polygonum senegalense* forma *albotomentosum* R.A.Graham (1956) 258.

Syn.: *Polygonum senegalense* subsp. *albotomentosum* (R.A.Graham) Germish. (1986) 233; *Polygonum lanigerum* var. *africanum* Meisn. (1856) 117.

Perennial herb, in riparian forest and river banks.

Hel – AfT – N, E – fl: vi, x

This form seems to be cultivated in some counties to obtain salt, although in Guinea-Bissau this use is not referred to.

**Persicaria senegalensis** (Meisn.) Soják forma **senegalensis** (1974) 155

Bas.: *Polygonum senegalense* Meisn. (1826) 54.

Syn.: *Polygonum lanigerum* R.Br. (1810) 419.

Perennial herb, in wet grass savannah, rivers, small lakes and temporary pools; also in flooded rice fields.

Hel – AfT – N, S, E, B – fl: xi, xii

**Polygonum pulchrum** Blume (1826) 530

Syn.: *P. tomentosum* Willd. (1799) 447.

Perennial herb, in wet grass savannah and small lakes.

Hel – Pal – S, E – fl: iii-v

**Symmeria paniculata** Benth. (1845) 630

Shrub, in river and small lake margins.

mph – AfAm – S, E – fl: iv, xii; fr: vii

## PORTULACACEAE – 1 genus; 2 species

FWTA 2nd ed. 1: 136–137; EPFAT 1: 89–90.

An almost cosmopolitan family of annual and perennial herbs or subshrubs, usually with more or less succulent leaves. The two species found in Guinea-Bissau have a wide distribution range and occur mainly in disturbed places.

**Portulaca oleracea** L. (1753) 445

Annual herb, in rainfed crops and other disturbed places.

Th – Cos – N, S, E – fl: ix, ii; fr: iv, ix

V.N.: ensámelata (ba); baldroega (cr); dépè (fu); belóluga (mc); umbintchim (mj); n'bossé-kintã (nl); beldroega (pt).

**Portulaca quadrifida** L. (1767b) 73

Syn.: *P. meridiana* L.f. (1781) 248.

Annual herb, in disturbed places.

Th – Pan – N, E – fl: ix-xii

V.N.: n'hocalacolô (md).

## PRIMULACEAE – 1 genus; 1 species

FWTA 2nd ed. 2: 303–305; EPFAT 4: 357–359.

A family of annual and perennial herbs, cosmopolitan but centered in the northern temperate zone.

**Anagallis pumila** Sw. (1788) 40

Annual herb, in wet grass savannah.

Th – Pan – E – fl&fr: xii

## RANUNCULACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 62–65; EPFAT 1: 44–46.

A large family of herbs, shrubs and some climbers, cosmopolitan but centered in the temperate to cold regions of both hemispheres.

**Clematis hirsuta** Guill. & Perr. (1831) 1

Syn.: *C. inciso-dentata* A.Rich. (1847) 2.

Herbaceous climber, in thicket, woodland, savannah woodland, riparian forest and palm groves.

CamC – AfT – N, S, E, B – fl: xii; fl&fr: xi-xii; fr: xii-iv

## RHAMNACEAE – 2 genera; 2 species

FWTA 2nd ed. 1: 667–671; EPFAT 2: 188–190.

A family of trees, shrubs and woody climbers, widely distributed throughout the world.

**Ventilago africana** Exell (1927) 80

Woody climber, in river banks.

mPh – SGC – B – fl: v

V.N.: djabi (fu); tomborom (pj).

Species cultivated in several countries for its edible fruits, although it seems to be autochthonous in Guinea-Bissau.

**Ziziphus mauritiana** Lam. (1789) 319

Shrub or small tree, in savannah woodland.

mph – Pal – N, S, E – fl: x, xii; fl&fr: x; fr: x, xii

## RHIZOPHORACEAE – 3 genera; 5 species

FWTA 2nd ed. 1: 281–286; EPFAT 1: 166–167.

A small pantropical family of shrubs, trees and climbers found mainly in tropical rain forests and mangroves. The three *Rhizophora* species are important in the mangrove communities, being *R. mangle* the more frequent. *Anisophyllea laurina* is found mainly in forest and *Cassipourea congoensis* in savannah woodland.

**Anisophyllea laurina** R.Br. ex Sabine (1824) 446

Large tree, in forest, woodland and riparian forest.

MPh – G – S, B – fl: xii-ii; fr: ii-v

V.N.: mafel, máfèlè (ba); budjagálá (the plant), mandjagálá (the fruit) (bf); edoconhe (bj); miséria, pau-miséria, pó-de-miséria (cr); kanse (fu); n'sunp, sénhè, unsununtu (nl); cantingui (ss); angueidja (td).

**Cassipourea congoensis** R.Br. ex DC. (1828) 34

Shrub or small tree, in savannah woodland and palm groves.

mph – AfT – S, E

**Rhizophora harrisonii** Leechm. (1918) 8, f. A

Shrub or small tree, in mangrove.

mph – AAt – N, S, B – fl: x-iv

**Rhizophora mangle** L. (1753) 443

Shrub or small tree, in mangrove.

mph – AAt – N, S, B – fl: xi-iv; fl&fr: x

V.N.: senhea, sóle (ba); bufendê (plant), m'pendê (population) (bf); sem-ah (bm); irangá, ubá (bj); tarafe, tarrafe (cr); fussossá (dj); cassolaco (fl); palétuvier-rouge (fr); mancô (md); pidjeu (mj); bugáha, ugáha (pp).

These vernacular names can probably be applied to the remaining species of the same genus as well.

**Rhizophora racemosa** G.Mey. (1818) 185

Shrub or small tree, in mangrove.

mph – AAt – N, S, E, B – fl: xi-v; fl&fr: x-iv; fr: xii

V.N.: cóbácá, codega, iranga, uba (bj); tarafe, tarrafe (cr).

## RUBIACEAE – 46 genera;

91 species, subspecies and varieties, 1 naturalized, 1 cultivated

FWTA 2nd ed. 2: 104–223; EPFAT 4: 137–240.

One of the largest families of flowering plants, comprising trees, shrubs, climbers and herbs in a total of more than 7000 species. Even with a cosmopolitan distribution, the majority of the species are tropical and subtropical; in the temperate and cold areas only herbaceous Rubiaceae occur. The 90 autochthonous species in the country cover all ranges of plant habits and almost all kinds of habitats. *Coffea liberica*, cultivated, seems to be autochthonous in the region.

**Aidia genipiflora** (DC.) Dandy ex F.W. Andrews  
(1952) 424

Bas.: *Randia genipiflora* DC. (1830b) 389.  
Small tree, in forest.  
mph – GC – S – fl&fr: v; fr: i, ix  
V.N.: n'armass (nl).

**Argocoffeopsis eketensis** (Wernham) Robbr.  
(1986) 158

Bas.: *Coffea eketensis* Wernham (1914) 8.  
Syn.: *A. jasminoides* (Welw. ex Hiern) Robbr.  
(1981) 368.  
Shrub, in forest and woodland.  
mph – GC – S – fl: v, vi; fr: vi

**Bertiera spicata** (C.F. Gaertn.) Wernham (1912)  
160

Bas.: *Pomatium spicatum* C.F. Gaertn. (1807)  
252.  
Syn.: *B. africana* A. Rich. (1830) 175.  
Shrub, in forest, woodland, riparian forest, palm  
groves and edges of small lakes and tempo-  
rary pools; also in flooded rice fields.  
mph – GC – N, S, E, B – fl&fr: x-ii  
V.N.: nhada (fu); samaluó (md).

**Chassalia afzelii** (Hiern) K. Schum. (1896c)  
469

Bas.: *Psychotria afzelii* Hiern (1877) 205.  
Syn.: *Ch. laxiflora* Benth. (1849) 416.  
Woody climber, on river banks.  
mphC – G – S – fl: viii  
V.N.: nhada (fu); samaluó (md).

**Coffea liberica** W. Bull ex Hiern (1876) 171,  
t. 24

Shrub or small tree, cultivated for its seeds  
(coffee).  
mph – Pan – N – fr: i  
V.N.: cafeeiro (pt).  
This species seems to be autochthonous in West  
Africa.

**Craterispermum laurinum** (Poir.) Benth.  
(1849) 411

Bas.: *Coffea laurina* Poir. (1811) 14.

Shrub, in forest, thicket, riparian forest and  
palm groves.  
mph – AfT – N, S – fl: ii; fr: iv-vii  
V.N.: landam-édi (fu); fámio (md).

**Cremspura triflora** (Thonn. ex Schumach.)  
K. Schum. (1891) 88, f. 31

Bas.: *Psychotria triflora* Thonn. ex Schumach.  
(1827) 108.  
Shrub or woody climber, in forest, thicket and  
palm groves.  
mph(C) – AfT – N, S, B – fl&fr: vii; fr: xi-v  
V.N.: landam-édi (fu).

**Crossopteryx febrifuga** (Afzel. ex G. Don)  
Benth. (1849) 381

Bas.: *Rondeletia febrifuga* Afzel. ex G. Don  
(1834) 516.  
Shrub or small tree, in forest and savannah  
woodland.  
mph – AfT – N, S, E – fl: iii-v; fl&fr: ii, v, ix;  
fr: xi-ii  
V.N.: baradagamarama (bf); belim, colidjâncu-  
ma, (fu); n'dué (nl); mákinha (ss).

**Cuviera nigrescens** (Scott-Elliot ex Oliv.)  
Wernham (1911) 321

Bas.: *Vangueria nigrescens* Scott-Elliot ex Oliv.  
(1894) t. 2283.  
Syn.: *C. minor* C.H. Wright (1906) 105; *C. tri-  
chostephana* K. Schum. (1896c) 461.  
Tree or shrub, in forest and riparian forest.  
mph – G – S, E – fr: vi, vii

**Diodia sarmentosa** Sw. (1788) 30

Syn.: *D. breviseta* Benth. (1849) 424; *D. pilosa*  
Schumach. & Thonn. (1827) 76; *Spermacoce*  
*pilosa* (Schumach. & Thonn.) DC. (1830b)  
553.

Perennial herb, in forest, woodland, savannah  
woodland, palm groves and along edges of  
rivers and small lakes.

Ch – Pal – N, S, E, B – fl&fr: ii, x; fr: xii-iv

- Diodia serrulata** (P.Beauv.) G.Taylor (1944) 220  
 Bas.: *Spermacoce serrulata* P.Beauv. (1805) 39, t. 23.  
 Syn.: *D. maritima* Thonn. ex Schumach. (1827) 75.  
 Perennial herb, in coastal sands.  
 Ch – AfAm – B – fl&fr: x, v; fr: xii
- Diodia teres** subsp. **prostrata** (Sw.) Steyerm. var. **prostrata** forma **prostrata** (1971) 185  
 Bas.: *D. prostrata* Sw. (1788) 30.  
 Annual herb, in savannah woodland.  
 Th – AfAm(Am) – N – fl&fr: xi  
 Introduced species, naturalized, native to America.
- Euclinia longiflora** Salisb. (1808) index sexualis et errata t. 93  
 Shrub, in forest, riparian forest and palm groves.  
 mph – GC – S – fl: viii, i-vi  
 V.N.: goiaba-de-mato (cr).
- Gardenia imperialis** K.Schum. (1896c) 442  
 Syn.: *G. viscidissima* S.Moore (1905) 158.  
 Small tree or shrub, in riparian forest and on river banks; also in the edges of flooded rice fields.  
 mph – GC/SZ? – N, S, E – fl: vi; fr: v  
 V.N.: tári-sútò (fu).
- Gardenia nitida** Hook. (1847) t. 4343  
 Shrub, in forest and riparian forest.  
 mph – GC – S, B – fl&fr: vi; fr: i-v  
 V.N.: n'dué (nl); lacuco (bj); mámaóndi (fu).
- Gardenia sokotensis** Hutch. (1912b) 99  
 Shrub, on river banks.  
 mph – SG – E – fr: i
- Gardenia ternifolia** subsp. **jovis-tonantis** var. **goetzei** (Stapf & Hutch.) Verdc. (1979) 355  
 Bas.: *G. goetzei* Stapf & Hutch. (1909) 427.  
 Syn.: *G. asperula* Stapf & Hutch. (1909) 423; *G. nigerica* A.Chev. (1920) 323; *G. triacantha* DC. (1830b) 382; *Randia torulosa* K.Krause (1907) 529.  
 Shrub or small tree, in woodland and savannah woodland.  
 mph – SGC – N, S, E – fl: iv; fl&fr: iv, v; fr: i, xii  
 V.N.: brintintchi (ba); undágál (cb); bosseléole, djugale (fu); bireu (mc); n'dô (nl).
- Gardenia ternifolia** subsp. **jovis-tonantis** (Welw.) Verdc. var. **jovis-tonantis** (1979) 354  
 Bas.: *Decameria jovis-tonantis* Welw. (1859) 579, nota 12.  
 Syn.: *G. jovis-tonantis* (Welw.) Hiern (1877) 101.  
 Shrub or small tree, in savannah woodland and in the borders of wet grass savannah.  
 mph – SZ – N, S, E – fl: ii-vii; fr: xii  
 V.N.: djugale (fu); n'dué, n'duégabarep (nl).
- Geophila obvallata** (Schumach.) Didr. (1854) 186  
 Bas.: *Psychotria obvallata* Schumach. (1827) 111.  
 Perennial herb, in forest, thicket, riparian forest and palm groves.  
 Ch – GC – S, E – fl&fr: ix; fr: i-xii
- Geophila repens** (L.) I.M.Johnst. (1949) 281  
 Bas.: *Rondeletia repens* L. (1759b) 928.  
 Perennial herb, in forest, woodland, savannah woodland, riparian forest and palm groves.  
 Ch – Pan – N, S, E, B – fl: vii; fl&fr: x; fr: ix-xi
- Hallea stipulosa** (DC.) J.-F.Leroy (1975) 66  
 Bas.: *Nauclea stipulosa* DC. (1830b) 346.  
 Syn.: *Mitragyna stipulosa* (DC.) Kuntze (1891a) 289.  
 Tree, in woodland, riparian forest and on river banks; also in flooded rice fields.  
 mPh – GC – N, S, B – fr: i  
 V.N.: cófa (ba); cobalumba, colalumba (bj); caboupa, kabop (cr); pópôe (ff); fafadjambó (md); m'pop (nl); fófó (ss).
- Hymenocoleus hirsutus** (Benth.) Robbr. (1975) 288  
 Bas.: *Geophila hirsuta* Benth. (1849) 422.  
 Perennial herb, in forest.  
 Hem – GC – S – fr: v
- Ixora brachypoda** DC. (1830b) 488  
 Syn.: *I. radiata* Hiern (1877) 163.  
 Shrub, in forest, woodland, palm groves, riparian forest and on river banks.  
 mph – SGC – N, S, E, B – fl: i-viii; fl&fr: v-xi; fr: xii-ii  
 V.N.: dunquel, duquei (fu); niquelembefio (md); obássa (pp).
- Ixora laxiflora** Sm. var. **laxiflora** (1811b) n° 8  
 Shrub, in forest and riparian forest.  
 mph – SG – S, E – fl: iv-vi

**Keetia cornelia** (Cham. & Schltdl.) Bridson (1986) 985

Bas.: *Canthium cornelia* Cham. & Schltdl. (1829) 15.

Shrub or woody climber, on river banks.  
mph – SG – E – fl&fr: xii, fr: xi

**Keetia hispida** (Benth.) Bridson (1986) 986

Bas.: *Canthium hispidum* Benth. (1849) 409.

Syn.: *Canthium setosum* Hiern (1877) 141.

Small tree or shrub, in forest, riparian forest and on river banks.

mph – GC – S, B – fl: v; fr: i

**Keetia venosa** (Oliv.) Bridson (1986) 974

Bas.: *Plectronia venosa* Oliv. (1873) 85, t. 49.

Syn.: *Canthium venosum* (Oliv.) Hiern (1877) 144.

Shrub or woody climber, in forest, thicket, woodland, savannah woodland, palm groves and on river banks.

mph(C) – AfT – N, S, E – fr: xii-v

**Kohautia grandiflora** DC. (1830b) 430

Annual herb, in woodland and savannah woodland; also in rainfed crops and disturbed areas.

Th – S – N, S, E, B – fl: x-xii; fl&fr: x-xii; fr: xii

V.N.: quèlètcha-n'obô; queletcha-um-ôbo, tchoe-n'ghou (ba); beganha (mc); núiun (nl).

**Kohautia senegalensis** Cham. & Schltdl. (1829) 156

Syn.: *Oldenlandia senegalensis* (Cham. & Schltdl.) Hiern (1877) 56.

Annual herb, in savannah woodland and coastal sands; also in disturbed areas.

Th – S – E, B – fl&fr: x-xii

V.N.: mentenca-mim (pj).

**Leptactina senegambica** Hook.f. (1871d) t. 1092

Shrub, in the transition zone between mangrove and savannah woodland.

mph – SG – S

**Macrosphyra longistyla** (DC.) Hiern (1877) 106

Bas.: *Randia longistyla* DC. (1830b) 388.

Shrub or woody climber, in forest, thicket, woodland, riparian forest and palm groves.

mph(C) – SG – N, S, E, B – fl: iii-vi; fr: xi-iii

V.N.: tepôbô (ba); marrumé (bf); um-orocado-nudanto (bj); n'bine camafi (nl); sirinha (ss).

**Mitracarpus hirtus** (L.) DC. (1830b) 572

Bas.: *Spermacoce hirta* L. (1762) 148.

Syn.: *M. scaber* Zucc. (1827) 210, 399; *M. verticillatus* (Schumach. & Thonn.) Vatke (1876) 196; *M. villosus* (Sw.) DC. (1830b) 572.

Annual herb, in mangrove borders and coastal sands; also in flooded rice fields, rainfed crops and other disturbed places.

Th – Pan – N, S, E, B – fl: ix-i; fl&fr: ii, x; fr: i, xii

V.N.: celbuquel, selbuquel, solibuquel (fu); bêaer (mc).

**Mitragyna inermis** (Willd.) Kuntze (1891a) 288

Bas.: *Uncaria inermis* Willd. (1793) 199, t. 3.

Small tree or shrub, in wet grass savannah and on river banks; also in flooded rice fields.

mph – SGC – N, S, E – fl: vii-xi; fl&fr: vi, xi; fr: xii-vi

V.N.: boré (ba); pau-de-motom (cr); cóile, condé (fu); djughó (md); ofêde (pp).

**Morelia senegalensis** A.Rich. (1830) 232

Shrub or small tree, in forest, thicket, woodland, savannah woodland and palm groves.

mph – SGC – S, E – fl: x-ii; fl&fr: ii; fr: iii-vii

**Morinda geminata** DC. (1830b) 447

Small tree or shrub, in thicket, woodland, savannah woodland and palm groves.

mph – GC – N, S, E, B – fl: xii-iv; fl&fr: ii-ix; fr: xi-v

V.N.: gunhe, n'dunquinhe, n'gume, ungume (ba); bluguidjibá, bulongodjibá (bf); obonodje (bj); boloncodjibá-macho, bolongodjiba, bulungu-djubá (cr); bubalden (dj); n'garba, ungarba (ff); biloncontchebáe, bolonco-tchibá, dacuré, lhiamba, n'garba, uanda, wáda (fu); biloncondjebá, boloncom, boloncondjibá, goloneogita, simbom-ô, uanda (md); becuí (mj); m'tchinke, nintungue, n'tunké (nl); atamule (td).

**Morinda lucida** Benth. (1849) 406

Tree or shrub, in woodland.

mPh – AfT – S

Species known only from bibliographic reference (Malaisse 1996).

**Morinda morindoides** (Baker) Milne-Redh. (1947b) 31

Bas.: *Gaertnera morindoides* Baker (1892) 83.

Syn.: *M. confusa* Hutch. (1916) 11.

Shrub or woody climber, in forest edges and woodland.

- mph(C) – GC – S – fl: xi; fr: iv-vi  
V.N.: manar balé (= black liana), n'tchetekamnâ-lankolo (nl).
- Mussaenda elegans** Schumach. & Thonn. (1827) 117  
Shrub or woody climber, in forest, thicket, woodland and palm groves.  
mph(C) – GC – N, S, E – fl: iv-vii; fl&fr: v-ix; fr: i, xi  
V.N.: potkulombo (nl).
- Oldenlandia capensis** var. **pleiosepala** Bremek. (1952a) 267  
Annual herb, in wet grass savannah.  
Th – Pal – N – fl: iv
- Oldenlandia corymbosa** L. var. **corymbosa** (1753) 119  
Annual herb, in flooded rice fields, rainfed crops and other disturbed places.  
Th – Pan – N, S, E – fl&fr: ix-xi; fr: ix, x  
V.N.: bel-belguel, belbelquel (fu).
- Oldenlandia corymbosa** var. **linearis** (DC.) Verdc. (1975) 296  
Bas.: *O. linearis* DC. (1830b) 425.  
Annual herb, in disturbed places.  
Th – SZ – E – fl&fr: x  
V.N.: belbelquel (fu).
- Oldenlandia goreensis** (DC.) Summerh. (1928) 392  
Bas.: *Hedyotis goreensis* DC. (1830b) 421.  
Annual herb, in wet grass savannah; also in flooded rice fields.  
Th – AfT – N – fl: i; fl&fr: i, ii  
V.N.: belbelquel (fu).
- Oldenlandia herbacea** (L.) Roxb. (1814) 11  
Bas.: *Hedyotis herbacea* L. (1753) 102.  
Annual herb, on river banks; also in flooded rice fields, rainfed crops, gardens and other disturbed places.  
Th – Pal – N, S, E, B – fl: iv, x; fl&fr: i-xii  
V.N.: breira (ba), belbelinquale, belbelquel, xilô-farô (fu); nhocolacotô (md).
- Oldenlandia lancifolia** (Schumach.) DC. (1830b) 425  
Bas.: *Hedyotis lancifolia* Schumach. (1827) 72.  
Annual herb, on river banks.  
Th – AfT – E – fl&fr: xi
- Oxyanthus racemosus** (Schumach. & Thonn.) Keay (1958) 42  
Bas.: *Ucriana racemosa* Schumach. & Thonn. (1827) 107.  
Shrub, in forest, thicket, riparian forest and palm groves.  
mph – GC – N, S, B – fl: vi, vii; fl&fr: iv, v; fr: viii-xii
- Oxyanthus speciosus** DC. (1807) 218  
Shrub or small tree, in riparian forest, on river banks and palm groves.  
mph – AfT – N, E – fr: viii, ix
- Pauridiantha afzelii** (Hiern) Bremek. (1940) 212  
Bas.: *Urophyllum afzelii* Hiern (1877) 73.  
Shrub, in riparian forest.  
mph – SG – N, S – fl: i, iii, vi; fr: ii
- Pauridiantha hirtella** (Benth.) Bremek. (1940) 216  
Bas.: *Urophyllum hirtellum* Benth. (1849) 397.  
Shrub, in woodland, riparian forest and palm groves.  
mph – GC – N – fl: ii; fr: iii
- Pavetta corymbosa** (DC.) F.N.Williams var. **corymbosa** (1907) 378  
Bas.: *Baconia corymbosa* DC. (1807) 219.  
Syn.: *P. nitida* (Schumach. & Thonn.) Hutch. & Dalziel (1931) 91.  
Shrub or small tree, in forest, woodland, riparian forest and palm groves.  
mph – SG – N, S, B – fl: xii-vi; fl&fr: i, xii; fr: xii  
V.N.: andganguingon (td).
- Pavetta crassipes** K.Schum. (1895c) 389  
Shrub, in woodland.  
mph – GC/SZ – E – fl&fr: x
- Pavetta oblongifolia** (Hiern) Bremek. (1934) 65  
Bas.: *P. baconia* var. *oblongifolia* Hiern (1877) 176.  
Shrub, in thicket, woodland and savannah woodland.  
mph – S – N, S, E – fl: i-xi; fr: ix, xi  
V.N.: bulongodjibá (bf); boloncodjibá-fêmea (cr).
- Pentodon pentandrus** (Schumach. & Thonn.) Vatke (1875) 231  
Bas.: *Hedyotis pentandra* Schumach. & Thonn. (1827) 71.



Annual herb, in wet grass savannah and margins of rivers and temporary pools.

Th – AfAm – N, S, E – fl: vi; fl&fr: v, viii

**Pouchetia africana** A.Rich. ex DC. var. **africana** (1830b) 393

Shrub, in forest, woodland and palm groves.

mph – SG – N, S, B – fl: iv; fl&fr: i-vi; fr: ii-x

**Psychotria abouabouensis** (Schnell) Verdc. (1975) 260

Bas.: *Cephaelis abouabouensis* Schnell (1957) 85, f. 8.

Perennial herb, in woodland.

Ch – G – N, S – fr: iv

**Psychotria calva** Hiern (1877) 199

Subshrub, in forest, riparian forest and palm groves.

nph – GC – N, S – fr: i, xi

**Psychotria peduncularis** var. **guineensis** (Schnell) Verdc. (1975) 257

Bas.: *Uragoga peduncularis* var. *guineensis* Schnell (1950) 285.

Syn.: *Cephaelis peduncularis* var. *guineensis* (Schnell) Hepper (1962a) 154.

Subshrub or small shrub, in forest edges, woodland and palm groves.

nph – GC – S – fr: x, xi

V.N.: masnebissongró (ba); cubedô (bj); comidade-santcho (cr); manar balé, m'tokoi, rutanbanfataque (nl); feriforé, fontocoré (ss).

These names are also used for the other varieties of the species.

**Psychotria peduncularis** var. **palmetorum** (DC.) Verdc. (1975) 257

Bas.: *Morinda palmetorum* DC. (1830b) 448.

Syn.: *Cephaelis peduncularis* var. *palmetorum* (DC.) Hepper (1962a) 153.

Small shrub or subshrub, in woodland and on river banks.

nph – GC – B – fl: iv

**Psychotria peduncularis** (Salisb.) Steyerl. var. **peduncularis** (1972) 546

Bas.: *Cephaelis peduncularis* Salisb. (1808) t. 99.

Small shrub or subshrub, woodland, savannah woodland and palm groves.

nph – AfT – N, S – fl: iv, v; fr: iv, v, xi

**Psychotria psychotrioides** (DC.) Roberty (1954) 62

Bas.: *Grumilea psychotrioides* DC. (1830b) 495.

Shrub, in riparian forest.

mph – SG – N, E – fl: vi; fr: ii

**Psychotria reptans** Benth. (1849) 418

Subshrub, in forest edges or woodland.

nph – GC – S

Species known only from bibliographic reference (Malaisse 1996).

**Psychotria rufipilis** De Wild. var. **rufipilis** (1924) 415

Small shrub, in woodland and palm groves.

nph – G – N – fr: i, xii

**Psydrax horizontalis** (Schumach.) Bridson (1985) 722

Bas.: *Phallaria horizontalis* Schumach. (1827) 112.

Syn.: *Canthium anomocarpum* DC. (1830b) 475; *C. horizontale* (Schumach.) Hiern (1877) 137.

Shrub or small woody climber, in forest, thicket, woodland, savannah woodland, riparian forest and palm groves.

mph(C) – G – N, S – fl: x; fl&fr: iii; fr: ii, xii

**Psydrax parviflora** (Afzel.) Bridson (1985) 700

Bas.: *Pavetta parviflora* Afzel. (1815a) 47.

Syn.: *Canthium vulgare* (K.Schum.) Bullock (1932) 374.

Shrub, in thicket and on river banks.

mph – AfT – S – fl: vi

**Rothmannia longiflora** Salisb. (1807) t. 65

Shrub, in forest, woodland and palm groves.

mph – AfT – S – fl&fr: iv; fr: i, xii

V.N.: fina (fu); n'sanbokatch (nl).

**Rothmannia whitfieldii** (Lindl.) Dandy (1952) 461

Bas.: *Gardenia whitfieldii* Lindl. (1845) t. 47.

Syn.: *R. malleifera* (Hook.) Benth. (1849) 383; *Randia malleifera* (Hook.) Hook.f. (1873) 89.

Shrub, in thicket, woodland, savannah woodland, riparian forest, palm groves, mangrove borders and on river banks.

mph – AfT – N, S, E – fl: i-vi; fr: vi-xii

V.N.: fina (fu); bobé (nl).

**Rutidea parviflora** DC. (1807) 219

Woody climber or shrub, in thicket, riparian forest and palm groves.

mph(C) – SG – N, S, B – fl: i-xii; fl&fr: i-iv; fr: i-v

**Rytigynia senegalensis** Blume (1850) 179

Shrub, in woodland.

mph – SG – S – fr: xi

**Rytigynia umbellulata** (Hiern) Robyns (1928) 184Bas.: *Vangueria umbellulata* Hiern (1877) 150.

Shrub, in woodland and thickets.

mph – AfT – N, S – fr: vii, viii

**Sabicea venosa** Benth. (1849) 399

Woody climber or shrub, in forest and riparian forest.

mph(C) – GC – N, S – fl: iii; fl&amp;fr: vii; fr: iv, v

**Sacosperma paniculatum** (Benth.) G. Taylor (1944) 218Bas.: *Peltospermum paniculatum* Benth. (1849) 400.

Woody climber or shrub, in woodland and riparian forest.

mfan(L) – AfT – N, E – fr: i-iii

**Sarcocephalus latifolius** (Sm.) Bruce (1947) 31Bas.: *Nauclea latifolia* Sm. (1813a) 5.Syn.: *S. esculentus* Sabine (1824) 442, t. 18.

Shrub or woody climber, in forest, thicket, woodland, riparian forest, on river banks, palm groves, wet grass savannah and small lake margins.

mph(C) – SGC – N, S, E, B – fl: iv, v; fl&amp;fr: iv, v; fr: vi-i

V.N.: cunhe, ptehén'tugudu, tehé-intogudê, tetudu, têtúgde (ba); bugulbá (bf); canhame (bj); caboupa, madronho, tambacumba-de-santcho (cr); fumulundjucu (dj); bacoré, cóile, condé, obacoré, naude-puthu, naudó-putcho (fu); m'nafo-ucon, nafum-cone (mc); bati-forô, fafadjambô (md); benau-utchata (mj); n'tole (nl); dudanké (ss); bopánicam, ofède, ópanica (pp).

**Sarcocephalus pobeginii** Pobég. ex Pellegr. (1932) 222Syn.: *Nauclea pobeginii* (Pobég. ex Pellegr.) E.M.A.Petit (1958) 8.

Tree, in riparian forest.

mPh – GC – S, E – fr: vi

**Sericanthe chevalieri** var. *velutina* Robbr. (1978) 43

Shrub, on river banks.

mph – SG – E – fl: i

**Spermacoce bambusicola** (Berhaut)

J.-P.Lebrun &amp; Stork (1984) 778

Bas.: *Borreria bambusicola* Berhaut (1974) 475, f. 1/1-5.

Annual herb, in savannah woodland, palm groves and wet grass savannah; also in flooded rice fields, rainfed crops and disturbed places.

Th – S – N, E – fl: ix-iii; fl&amp;fr: x, xii; fr: xi, xii

V.N.: lecons-maio (fu).

**Spermacoce filifolia** (Schumach. & Thonn.)

J.-P.Lebrun &amp; Stork (1984) 778

Bas.: *Octodon filifolium* Schumach. & Thonn. (1827) 74.Syn.: *Borreria filifolia* (Schumach. & Thonn.) K.Schum. (1891) 144.

Annual herb, in wet grass savannah and on river banks; also in flooded rice fields.

Th – AfT – E – fl: vii-x; fr: xii

**Spermacoce hepperana** Verdc. (1975) 305Syn.: *S. compressa* Hiern (1877) 235; *Borreria compressa* (Hiern) Hutch. & Dalziel (1931) 135.

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – SG – S, E, B – fl: x; fl&amp;fr: x-xii; fr: xi, xii

V.N.: lecons-maio (fu).

**Spermacoce mauritiana** Gideon (1983) 547

Annual herb, in small lakes; also in rainfed crops.

Th – AfT – N, S – fl&amp;fr: ix-xi

**Spermacoce octodon** (Hepper) J.-P.Lebrun & Stork (1984) 778Bas.: *Borreria octodon* Hepper (1963) 171.Syn.: *Borreria setosa* (Hiern) K.Schum. (1891) 44; *Octodon setosum* Hiern (1877) 242.

Annual herb, in savannah woodland and wet grass savannah.

Th – SG – E – fl: i, x

**Spermacoce pusilla** Wall. (1820) 379Syn.: *Borreria pusilla* (Wall.) DC. (1830b) 543.

Annual herb, in savannah woodland.

Th – Pal – B – fl&amp;fr: xii

**Spermacoce quadrisulcata** (Bremek.) Verdc. (1975) 305Bas.: *Borreria quadrisulcata* Bremek. (1952b) 102.Syn.: *Borreria paludosa* Hepper (1960a) 259.

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – AfT – S, E – fl: vi

**Spermacoce radiata** (DC.) Hiern (1877) 237

Bas.: *Borreria radiata* DC. (1830b) 542.

Syn.: *Tardavel andongensis* Hiern (1898a) 506.

Annual herb, in savannah woodland.

Th – AfT – E, B – fl: x; fl&fr: xi

**Spermacoce ruelliae** DC. (1830b) 554

Syn.: *Borreria ruelliae* (DC.) Thoms (1909) 104;

*B. scabra* (Schumach. & Thonn.) K. Schum. (1895c) 385; *Diodia scabra* Schumach. & Thonn. (1827) 76.

Annual herb, in forest, woodland and savannah woodland; also in rainfed crops and other disturbed places.

Th – GC/SZ – N, S, E – fl: iii, ix-xii; fl&fr: ix, x; fr: x

V.N.: bocornh, gurdural (fu).

**Spermacoce stachydea** DC. var. **stachydea**

(1830b) 554

Syn.: *Borreria stachydea* (DC.) Hutch. & Dalziel (1931) 135.

Annual herb, in savannah woodland; also in flooded rice fields and rainfed crops.

Th – S – N, E, B – fl: x, xi; fl&fr: x, xii; fr: i, xi

V.N.: nessepó (bj); gurdal, gurdudal (fu).

**Spermacoce verticillata** L. (1753) 102

Syn.: *Borreria verticillata* (L.) G. Mey. (1818) 83.

Perennial herb, in savannah woodland and wet grass savannah; also in rainfed crops and other disturbed places.

Ch – AfT – N, S, E, B – fl: iv-xii; fr: x-i

V.N.: bruton (ba); fufunuco (dj).

**Tarenna nitidula** (Benth.) Hiern (1877) 90

Bas.: *Stylocoryne nitidula* Benth. (1849) 390.

Syn.: *Pavetta striatula* Hutch. & Dalziel (1931) 91; *Tarenna nimba* Schnell (1954) 87.

Shrub, in riparian forest.

mph – G – N – fl: iii

**Tricalysia bracteata** Hiern (1877) 120

Syn.: *T. syrmanthera* Hiern (1877) 120.

Shrub, on river banks.

mph – G – S – fr: vi

**Tricalysia reticulata** (Benth.) Hiern (1877)

121

Bas.: *Randia reticulata* Benth. (1849) 386.

Shrub, in thicket, woodland and palm groves.

mph – G – N, S, B – fl: iv, v; fr: vii

**Uncaria africana** G. Don subsp. **africana** (1834)

471

Shrub or woody climber, in forest, thicket, woodland, savannah woodland, riparian forest and palm groves.

mph(C) – GC – N, S, E – fl: x, xi; fr: i, ix

V.N.: n'tchonhór (nl).

**Vangueriella discolor** (Benth.) Verdc. (1987)

193

Bas.: *Canthium discolor* Benth. (1849) 409.

Syn.: *Vangueriopsis discolor* (Benth.) Robyns (1928) 264.

Shrub, in riparian forest and palm groves.

mph – G – N, S, B – fl: iii, v, xi

**Virectaria multiflora** (Sm.) Bremek. (1952a)

21

Bas.: *Virecta multiflora* Sm. (1817) n° 4.

Annual herb, in riparian forest, wet grass savannah and on river banks.

Th – SGC – N, S, E, B – fl: ii, v, viii; fl&fr: ix; fr: xii

**Virectaria procumbens** (Sm.) Bremek. (1952a)

21

Bas.: *Virecta procumbens* Sm. (1817) n° 2.

Annual herb, in riparian forest; also in flooded rice fields.

Th – GC – S, E – fl: v, vi

RUTACEAE – 2 genera; 4 species

FWTA 2nd ed. 1: 683–689; EPFAT 2: 197–202.

A family of shrubs, trees and some herbs, almost cosmopolitan but more diverse in the tropical and temperate regions of the Southern Hemisphere. The four autochthonous species in the country are shrubs and small trees found mainly in forest, woodland, savannah woodland, riparian forest and palm groves.

**Afraegle paniculata** (Schumach. & Thonn.)  
Engl. (1915) 761, f. 355

Bas.: *Citrus paniculata* Schumach. & Thonn.  
(1927) 378.

Tree, in forest, woodland, savannah woodland;  
also in disturbed places.

mPh – GC – N, S, E – fr: x; fr: xi, xii

V.N.: bonquete-cunhide (dj); boranabô (fl);  
cursadje (fu); cursam-ô (md).

**Zanthoxylum leprieurii** Guill. & Perr. (1831)  
141

Syn.: *Fagara leprieurii* (Guill. & Perr.) Engl.  
(1896b) 118.

Tree or shrub, in woodland, savannah woodland,  
palm groves and on river banks.

mPh – SGC – N, S, E, B – fl: vii; fr: viii-i

V.N.: mádjá, mantcha, mantchu (ba); eranha (bj);  
barquelem (fu).

**Zanthoxylum rubescens** Planch. ex Hook.f.  
(1849) 270

Syn.: *Fagara rubescens* (Planch. ex Hook.f.)  
Engl. (1896b) 118; *F. melanacantha* (Planch.  
ex Oliv.) Engl. (1896b) 118.

Shrub, in woodland, riparian forest and palm  
groves.

mph – GC – S, E – fl: vi, vii; fr: x

**Zanthoxylum zanthoxyloides** (Lam.) Zepern.  
& Timler (1981) 361

Bas.: *Fagara zanthoxyloides* Lam. (1786) 446.  
Syn.: *Fagara senegalensis* (DC.) A. Chev. (1920)  
101; *Z. senegalense* DC. (1824) 726.

Shrub, in thicket, woodland, savannah wood-  
land, riparian forest, palm groves and coastal  
sands.

mph – SG – N, S, B – fl: vii, xi; fl&fr: i, v; fr:  
x-v

#### SAPINDACEAE – 10 genera; 11 species

FWTA 2nd ed. 1: 709–725; EPFAT 2: 215–222.

A large pantropical and pan-subtropical family of trees, shrubs and lianas. Nine of the eleven autochthonous species in Guinea-Bissau are shrubs or trees and two are climbers. Most of them seem to prefer wet or shaded habitats, like forest, woodland, palm groves and riparian forest. *Blighia sapida*, autochthonous in West Africa, is cultivated in some tropical regions for its edible fruits.

**Allophylus africanus** P. Beauv. (1819) 75, t. 107

Shrub, in thicket, woodland, savannah wood-  
land, riparian forest, palm groves, wet grass  
savannah and on river banks.

mph – AfT – N, S, E, B – fl: vi, vii, x; fr: viii-x

V.N.: manau (ba); buguintchô-buiare (bf); bu-  
góentchom (bj); cordele, coleála, colehela,  
sambadjadei, sambassatáe (fu); vêvê-om  
(md); bugaintchom; futété (ss); anhesse (td).

**Aphania senegalensis** (A. Juss. ex Poir.) Radlk.  
(1878) 238

Bas.: *Sapindus senegalensis* A. Juss. ex Poir.  
(1805) 666.

Shrub or tree, in woodland, savannah woodland,  
palm groves, on river banks and coastal  
sands; also in disturbed places.

mPh – Pal – N, S, E, B – fl: i, ii; fl&fr: ii; fr:  
iii-v

V.N.: m'bôcherê (ba); cerença, cerija, serinça  
(cr); buiema (dj); bulebo (fl); culneldacu,  
mantchampôdje (fu); simbode-ô, simbondô  
(md); bute, n'pórlô, obalei (pp).

**Blighia sapida** K. D. Koenig (1806) 571, t. 16,  
17

Tree, in riparian forest, woodland and savannah  
woodland.

mPh – Pan(GC) – N, E, B – fl: ii; fr: v

V.N.: m'butchiri (ba); otau (bj); cuiema (dj);  
féso (fu).

A Guineo-Congolian species introduced and  
cultivated in several tropical regions for its  
edible fruit.

**Blighia unijugata** Baker (1868b) 427

Tree, in thicket, woodland and riparian forest.

mPh – AfT – S – fr: iii-vi, xi

V.N.: bissabe (bf); osso-de-dari (cr); democôri,  
sátágá-preto (fu); firifora (md); m'but-balé,  
n'timlake (nl); beleque-súlê (ss).

**Cardiospermum halicacabum** L. (1753) 366

Small herbaceous climber, in woodland, savan-  
nah woodland and riparian forest; also in  
flooded rice fields, rainfed crops and other  
disturbed places.

mphC – Pan – N, E, B – fl&fr: i-xii

**Dodonaea viscosa** (L.) Jacq. (1760) 19

Bas.: *Ptelea viscosa* L. (1753) 118.

Shrub or small tree, in mangrove borders and  
on coastal sands.

mph – Pan – N, B – fl&fr: i; fr: iii, vi, x

V.N.: nedêg-dêg-ca, nedege-degeca, nedege-  
d'geca (bj).

**Eriocoelum kerstingii** Gilg ex Engl. (1921)  
282, f. 136

Tree, in riparian forest and on river banks.  
mPh – SG – E – fl: ix, xi; fr: ii, iv  
V.N.: sadjucadje (fu).

**Lecaniodiscus cupanioides** Planch. ex Benth.  
(1849) 251

Shrub or small tree, in thickets, woodland, palm groves, riparian forest and on river banks.  
mph – GC – N, S, E – fl: ii-vi; fr: vi  
V.N.: sátaga (fu).

**Pancovia bijuga** Willd. (1799) 285

Shrub, in riparian forest and on river banks.  
mph – G – S – fl: vi, fl&fr: v

**Paullinia pinnata** L. (1753) 366

Woody climber or subshrub, in forest, thickets, woodland, savannah woodland, riparian forest, palm groves and on river banks.

mphC/nph – AfAm – N, S, E, B – fl: i-viii; fl&fr: iv-vi; fr: v-i

V.N.: cuiotche, n'resquê, runn (ba); macô (bj); cinco-dedos, cinco-fôdja, cinco-folha (cr); d'jambolulu (dj); coli-djoi (ff); cóledjõe, coli-djoi (fu); becó-be-unhou (mc); boloninlô, cundintadjô-ô, djambalulô (md); n'fankoko (nl); belecapsulassule, belekesulesuli (ss).

**Placodiscus riparius** Keay (1956a) 194

Tree or shrub, along river margins.  
mph – G – E – fl: ix, x; fr: xi

#### SAPOTACEAE – 5 genera; 6 species

FWTA 2nd ed. 2: 16–30; EPFAT 4: 25–49.

A pantropical family of trees and shrubs, with most of the species occurring in wet lowland forests. In Guinea-Bissau most of the species are trees found mainly in forest, woodland, riparian forest, savannah woodland and palm groves.

**Malacantha alnifolia** (Baker) Pierre (1891) 61  
Bas.: *Chrysophyllum alnifolium* Baker (1877)  
499.

Tree, in forest, woodland, savannah woodland, riparian forest and palm groves.

mPh – AfT – N, S, E, B – fl: xi-v; fr: vi  
V.N.: ukíssig (cb); lixa (cr); cafore (dj); nhadahaco, nhénhéô (fu); mafaléu (nl); lakó, lalaúri (ss).

**Manilkara** cf. **obovata** (Sabine & G. Don)  
J.H. Hemsl. (1963) 171

Bas.: *Chrysophyllum obovatum* Sabine & G. Don  
(1824) 458.

Syn.: *M. lacera* (Baker) Dubard (1915) 24.  
Small shrub, in herbaceous steppe of the lateritic cuirasses.

nph – GC – E – fl: ii

**Mimusops andongensis** Hiern (1898b) 644

Syn.: *M. warneckeii* Engl. (1904) 65.

Tree, in forest, riparian forest and mangrove borders.

mPh – GC – N, S – fl: i; fr: xi-iv  
V.N.: futchodôro (dj).

**Synsepalum pobeguianum** (Pierre ex Lecomte) Aké Assi & L. Gaut. (2000) 282

Bas.: *Pachystela pobeguianiana* Pierre ex Lecomte (1919) 191.

Syn.: *Bakeriella pobeguianiana* Dubard (1911) 91, nom. inv.; *Pachystela albida* A. Chev. (1920) 391, nom. nud.

Tree, in forest, riparian forest, and savannah woodland.

mPh – SG – E, S – fl: vi, xi; fr: ii

V.N.: còlodemo, colodomo (ff).

**Synsepalum brevipes** (Baker) T.D. Penn.  
(1991) 248

Bas.: *Sideroxylon brevipes* Baker (1877b) 502.  
Syn.: *Pachystela brevipes* (Baker) Engl. (1904) 37.

Tree, in savannah woodland and riparian forest.

mPh – AfT – N, E – fl: x; fr: vi

**Vitellaria paradoxa** C.F. Gaertn. (1807) 131

Syn.: *Butyrospermum paradoxum* (C.F. Gaertn.) Hepper (1962b) 227; *B. paradoxum* subsp. *parkii* (G. Don) Hepper (1962b) 227.

Tree, in savannah woodland.

mPh – SZ – E – fl: ii

V.N.: careidje, cárei, léguélcaré (fu); bambô-tulô-irô (md); carité (sr).

## SCROPHULARIACEAE – 12 genera; 28 species, subspecies and varieties

FWTA 2nd ed. 2: 352–374; EPFAT 4: 420–445.

A large cosmopolitan family, more diverse in the north temperate zone, mainly of herbs but with some shrubs, lianas and trees too. All of the Scrophulariaceae found in Guinea-Bissau are herbs, most of them annuals, found mainly in wet habitats, such as wet grass savannah, river banks, small lakes, temporary pools and also in flooded rice fields.

**Alectra rigida** subsp. **paludosa** (A.Chev.)

Hepper (1960b) 404

Bas.: *A. paludosa* A.Chev. (1920) 475.

Annual herb, in wet grass savannah and temporary pools.

Th – AfT – N, E – fl: x, xii; fl&fr: i, xii

**Alectra sessiliflora** var. **monticola** (Engl.)

Melch. (1940) 126

Bas.: *Melasma indicum* var. *monticulum* Engl. (1901) 402.

Syn.: *A. communis* Hemsl. (1906) 372.

Annual herb, in wet grass savannah and small lakes; also in flooded rice fields.

Th – Pal – N – fl&fr: i, xii

**Alectra sessiliflora** var. **senegalensis** (Benth.)

Hepper (1960b) 405

Bas.: *A. senegalensis* Benth. (1846) 339.

Annual herb, in wet grass savannah and on river banks.

Th – AfT – N, E – fl&fr: ii, x

**Bacopa crenata** (P.Beauv.) Hepper (1960b) 407

Bas.: *Herpestis crenata* P.Beauv. (1819) 83, t. 112.

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – AfT – N, E – fl: vi, xi; fl&fr: xii

V.N.: depê-faró, djalonga (fu).

**Bacopa decumbens** (Fernald) F.N. Williams

(1907) 369

Bas.: *Herpestis decumbens* Fernald (1897) 91.

Syn.: *B. erecta* Hutch. & Dalziel (1931) 222.

Annual herb, in savannah woodland, river banks, palm groves, wet grass savannah, small lakes and mangrove borders; also in flooded rice fields.

Th – AfAm – N, S, E, B – fl: xi-iv; fr: xi-iv

V.N.: mabété, n'dá kandel (nl); cafu-cafu (ss).

**Bacopa floribunda** (R.Br.) Wettst. (1891) 77

Bas.: *Herpestis floribunda* R.Br. (1810) 442.

Annual herb, in savannah woodland and wet grass savannah; also in flooded rice fields.

Th – Pal – E – fl&fr: xi, xii

V.N.: quéwo (fu).

**Bacopa hamiltoniana** (Benth.) Wettst. var.

**hamiltoniana** (1891) 77

Bas.: *Herpestis hamiltoniana* Benth. (1835) 30.

Syn.: *Moniera hamiltoniana* (Benth.) T. Cooke (1905) 286.

Annual herb, in savannah woodland and wet grass savannah; also in flooded rice fields.

Th – Pal – E – fl: vi; fr: vi

V.N.: boro-boro (fu).

**Buchnera hispida** Buch.-Ham. ex D.Don

(1825) 91

Annual herb, in wet grass savannah and temporary pools; also in flooded rice fields.

Th – Pal – N, E, B – fl: xi, xii; fl&fr: xii-ii; fr: i

V.N.: silô (fu).

**Buchnera leptostachya** Benth. (1846) 497

Annual herb in wet grass savannah and temporary pools; also in flooded rice fields.

Th – AfT – N, S, E – fl: v; fl&fr: i, xi

**Crepidorhopalon gracilis** (Pilg.) Eb.Fisch.

(1989) 443

Bas.: *Craterostigma gracile* Pilg. (1910) 213.

Syn.: *Craterostigma guineense* Hepper (1960b) 407, f. 2.

Annual herb, in wet grass savannah and temporary pools.

Th – AfT – N – fl&fr: ii, xii

**Crepidorhopalon schweinfurthii** (Oliv.)

Eb.Fisch. (1989) 443

Bas.: *Torenia schweinfurthii* Oliv. (1878)

t. 1251.

Syn.: *Craterostigma schweinfurthii* (Oliv.) Engl. (1897) 501.

Annual herb, in wet grass savannah and on river banks; also in flooded rice fields.

Th – AfT – E – fl: xi-i

**Linnophila barberi** Skan (1906) 317

Annual herb, in wet grass savannah, small

lakes and temporary pools; also in flooded rice fields.

ThH – AfT – N, S, E, B – fl: xi-v; fl&fr: i, xii

- Linnophila dasyantha** (Engl. & Gilg) Skan (1906) 318  
 Bas.: *Ambulia dasyantha* Engl. & Gilg (1903) 362, t. 7.  
 Annual herb, in wet grass savannah, rivers and temporary pools.  
 ThH – AfT – N, S, E – fl: xi-i
- Lindernia crustacea** (L.) F. Muell. (1882) 97  
 Bas.: *Capraria crustacea* L. (1767b) 87.  
 Annual herb, in small lakes; also in flooded rice fields and rainfed crops.  
 Th – Pan – N, S, E – fl: ix, xi
- Lindernia diffusa** (L.) Wettst. var. **diffusa** (1891) 79  
 Bas.: *Vandellia diffusa* L. (1767b) 89.  
 Annual herb, in wet grass savannah and temporary pools.  
 Th – Pan – N – fl: ii
- Lindernia schweinfurthii** (Engl.) Dandy (1956) 139  
 Bas.: *Ilysanthes schweinfurthii* Engl. (1897) 504.  
 Syn.: *I. barteri* Skan (1906) 350.  
 Annual herb, in wet grass savannah, temporary pools and herbaceous steppe of the lateritic cuirasses.  
 Th – AfT – S, E – fl: viii
- Micrargeria filiformis** (Schumach. & Thonn.) Hutch. & Dalziel (1931) 223  
 Bas.: *Gerardia filiformis* Schumach. & Thonn. (1827) 272.  
 Syn.: *M. barteri* Skan (1906) 458.  
 Annual herb, in wet grass savannah and temporary pools; also in flooded rice fields and other disturbed places.  
 Th – AfT – N, E – fl: x-xii; fl&fr: x-ii
- Rhamphicarpa fistulosa** (Hochst.) Benth. (1846) 504  
 Bas.: *Macrosiphon fistulosus* Hochst. (1841) 373.  
 Annual herb, in wet grass savannah, on river banks and temporary pools; also in flooded rice fields.  
 Th – Pal – N, E – fl: vii, xii; fl&fr: iv, vi, xi  
 V.N.: seteriga-da-bolanha (cr); cilô ( fu); cilô-faró, ruburubó (md).
- Scoparia dulcis** L. (1753) 116  
 Annual herb, in woodland, palm groves, wet grass savannah, small lake margins and mangrove borders; also in flooded rice fields, rainfed crops and other disturbed places.  
 Th – Pan – N, S, E, B – fl: i-vi; fl&fr: i-xii; fr: i-xii  
 V.N.: monebedoque (ba); efunicainei (dj); belbelguel (fu); timim-timim, timintimes, timintindjambo (md); n'tchinike, n'teinké (nl); serer (ss).
- Sopubia parviflora** Engl. (1893b) 65  
 Annual herb, in wet grass savannah.  
 Th – AfT – N, E – fl: ix; fl&fr: xii; fr: xi
- Striga asiatica** (L.) Kuntze (1891b) 466  
 Bas.: *Buchnera asiatica* L. (1753) 630.  
 Annual herb, in savannah woodland, wet grass savannah and on river banks.  
 Th – Pal – E – fl: viii; fl&fr: viii
- Striga bilabiata** subsp. **barteri** (Engl.) Hepper (1960b) 414  
 Bas.: *S. barteri* Engl. (1897) 514.  
 Perennial herb, in savannah woodland.  
 Hem – SZ – E – fl: ii, vi; fl&fr: xii
- Striga bilabiata** subsp. **rowlandii** (Engl.) Hepper (1960b) 414  
 Bas.: *S. rowlandii* Engl. (1897) 513.  
 Perennial herb, in savannah woodland.  
 Hem – SG – N, S – fl: v; fl&fr: iii
- Striga forbesii** Benth. (1836) 364  
 Annual herb, in wet grass savannah.  
 Th – AfT – N, E – fl: vii; fl&fr: viii, ix
- Striga hermonthica** (Delile) Benth. (1836) 365  
 Bas.: *Buchnera hermonthica* Delile (1813) 245, t. 34.  
 Syn.: *S. senegalensis* Benth. (1836) 363.  
 Annual hemiparasitic herb, in savannah woodland; also in rainfed crops.  
 Th – SZ – N, E, B – fl: ix-xii; fl&fr: x-xii  
 V.N.: djida (bm); shilô, silô (fu); data (= killer) (pj).
- Striga klingii** (Engl.) Skan (1906) 413  
 Bas.: *Buchnera klingii* Engl. (1893b) 69.  
 Annual herb, in savannah woodland, wet grass savannah and temporary pools.  
 Th – G – N, S, E – fl: ix-xii; fl&fr: ii, xii
- Striga macrantha** (Benth.) Benth. (1846) 503  
 Bas.: *Buchnera macrantha* Benth. (1836) 366.  
 Annual herb, in woodland, savannah woodland and wet grass savannah; also ruderal.  
 Th – SZ – N, S, E – fl: xi, xii; fl&fr: xi-i

**Torenia thouarsii** (Cham. & Schltdl.) Kuntze (1891b) 468Bas.: *Nortenia thouarsii* Cham. & Schltdl. (1828) 18.

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – Pan – N, S, E – fl: xi, xii; fl&amp;fr: iv, v

## SIMAROUBACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 689–692; EPFAT 2: 202–203.

A small family of trees and shrubs with tropical and subtropical distribution.

**Hannoa undulata** (Guill. & Perr.) Planch. (1846) 567Bas.: *Simaba undulata* Guill. & Perr. (1831) 136, t. 34.

Tree, in thicket, woodland and savannah woodland.

mPh – SG – N, S, E, B – fl: xii-ii; fr: ii

V.N.: psône, psunn, tîbdé (ba); tchuco (bj); colanzu, colonzo, quécui, quécui-djom, tîbedé (fu); bren (mc); kéo-fôro (md).

## SOLANACEAE – 4 genera, 2 introduced;

8 species, 4 introduced, 3 sub-spontaneous and 1 naturalized

FWTA 2nd ed. 2: 325–335; EPFAT 4: 386–400.

A very large family of herbs and some shrubs and trees, cosmopolitan but most diverse in tropical America. Only four species are native to the country, found mainly in disturbed areas but also in savannah woodland, palm groves and wet grass savannah. The introduced ones are ruderal or adventives in cultures.

**<sup>1</sup>Datura innoxia** Mill. (1768) n° 5

Annual herb, ruderal.

Th – Pan(Am) – N – fr: iv

V.N.: cubejara (dj).

Introduced species, sub-spontaneous, native to South America.

fields, rainfed crops and other disturbed places.

Th – AfAm – N, S, E, B – fl: xi; fl&amp;fr: ix, xii

V.N.: psito (ba); bélébelinguê (fu); timim-timim-ô (md); bédjô (pp); serere (ss).

**<sup>1</sup>Physalis angulata** L. (1753) 183

Annual herb, ruderal, also cultivated in rainfed lands.

Th – Pan(Am) – N, S, E, B – fl: ix-xi; fl&amp;fr: ix-xii

V.N.: tau-tau (cr); jambumbô, tau-tau (md); capod (mj); bûlê-bûlê (nl).

Introduced species, naturalized, native to tropical America.

**<sup>1</sup>Solanum americanum** Mill. (1768) n° 5

Annual herb, in flooded rice fields, rainfed crops and other disturbed places.

Th – Cos(Am?) – N, S – fl: ix, x; fl&amp;fr: x

V.N.: tau-tau-macho (cr); djagato-fôrô (fu); suludjato (md).

Introduced species, sub-spontaneous, native probably from America.

**<sup>1</sup>Physalis lagascae** Roem. & Schult. (1819) 679

Annual herb, cultivated in rainfed lands and also adventitious.

Th – Pan(Am) – N, E – fl&amp;fr: x, xi

V.N.: pao-pao (fu).

Introduced species, sub-spontaneous, native to Mexico.

**Solanum macrocarpon** L. (1771) 205Syn.: *S. dasyphyllum* Schumach. & Thonn. (1827) 126.

Perennial herb, in flooded rice fields, rainfed crops and other disturbed places; sometimes cultivated in rainfed lands for medicinal purposes.

Ch – AfAm – N, S, E, B – fl: ix-x; fl&amp;fr: ii, x

V.N.: chilo, culuta, éte-éri, n'djaktu, (ba); jacatu, ojagato-de-rato (cr); djagatô-bússu, jagatú-de-lobo, ojagato-buruure (ff); bundom-dabu (fl); êdê, n'tabactu (fu); brémbè, mucussá, n'sacraha (pp); bussú (ss).

**Schwenckia americana** L. (1764b) 577, sphalm. 567

Annual herb, in savannah woodland, palm groves and wet grass savannah; also in flooded rice



**Solanum nigrum** L. (1753) 186

Annual herb, ruderal.

Th – Cos – N – fr: i

V.N.: djagato-fóro (fu); suludjatô (md).

**Solanum terminale** Forssk. (1775) 45

Shrub or woody climber, in forest edges.

mph(C) – Pal – S – fl: vi

## SPHENOCLEACEAE – 1 genus; 1 species

FWTA 2nd ed. 2: 307–309; EPFAT 4: 361.

A small monogeneric family, pantropical.

**Sphenoclea zeylanica** Gaertn. (1788) 113, t. 24/5

Annual herb, in rivers; also in flooded rice fields.

Hel – Pan – S, E – fl: vi, x; fl&amp;fr: vi-xii

V.N.: cõssô-bsuê (ba); nhambairam-faró (fu); bum-bum, opáia (pp).

## STERCULIACEAE – 6 genera; 11 species

FWTA 2nd ed. 1: 310–332; EPFAT 1: 178–185.

A family of trees, shrubs and some climbers and herbs, pantropical but extending into subtropical regions. The species occurring in the country are trees, shrubs and herbs found in several kinds of habitat, like woodland, savannah woodland, riparian forest, palm groves, wet grass savannah, margins of rivers, small lakes and temporary pools and some herbs also in flooded rice fields, rainfed crops and other disturbed places. *Cola nitida*, cultivated for its seeds, seems to be autochthonous in the region.

**Cola cordifolia** (Cav.) R.Br. (1844) 237Bas.: *Sterculia cordifolia* Cav. (1788) 286, t. 143/2.

Tree, in woodland and savannah woodland.

mPh – S – N, S, E – fl: ii; fl&amp;fr: ii-vi; fr: xi

V.N.: m'bué (ba); budjanhi (bf); mandjanja, manjandja (cr); utuludjene (dj); tábá (fu); tabô (md).

Syn.: *D. quinqueseta* var. *senegalensis* (Planch.)Keay (1954c) 263; *D. senegalensis* Planch. (1851) 225.

Shrub, in woodland and savannah woodland.

mph – G – E – fl: xii-ii; fr: ii

V.N.: fuifaia, fuifaie (fu); foi, fuifaia, fuifaie (md).

**Cola laurifolia** Mast. (1868) 222

Tree, in riparian forest and on river banks.

mPh – SG – S, E – fr: v, xi; fl&amp;fr: vi

**Cola nitida** (Vent.) Schott & Endl. (1832) 33Bas.: *Sterculia nitida* Vent. (1805) sub t. 91.

Tree, cultivated near the villages, locally with some economic importance. Their seeds are used as stimulant (kola nuts).

mPh – G – N, S, E, B – fl: ix-iii; fl&amp;fr: xii; fr: xii, i

V.N.: uncurame (ba); buúr (planta), mancuúr (fruto) (bf); cola, coleira (cr); góró (fu); curô, curô-djo-ô (md); cola (mj); n'kola (nl); colofuquê (ss).

**Melochia corchorifolia** L. (1753) 675

Perennial herb, in woodland, wet grass savannah and margins of small lakes and temporary pools; also in flooded rice fields and other disturbed places.

Ch – Pal – N, S, E, B – fl: x; fl&amp;fr: xi; fr: vi-xii

V.N.: sôre, tobre-guelonguê (fu); cumaré-turo (md).

**Melochia melissifolia** Benth. (1841b) 129

Perennial herb, in woodland, palm groves, wet grass savannah and small lake margins; also in flooded rice fields and rainfed crops.

Ch – AfAm – N, S, E, B – fl: x, ix; fl&amp;fr: x-iv; fr: xi, ii

V.N.: dépe, quebe (fu).

**Dombeya quinqueseta** (Delile) Exell (1935a) 263Bas.: *Xeropetalum quinquesetum* Delile (1826) 84.**Sterculia setigera** Delile (1826) 61

Tree, in woodland and savannah woodland.

mPh – AfT – E – fr: vi

V.N.: bobóri, jobitabáe (fu); jobitabô (md).

**Sterculia tragacantha** Lindl. (1830b) t. 1353  
Tree, in woodland, savannah woodland, riparian forest and palm groves.

mPh – AfT – N, S, E, B – fl: ii, iii; fl&fr: i, ii;  
fr: xi-v

V.N.: bùè, umbufùrè (ba); ereitô, éritú, freitô (bj); nassino, pau-corda, pó-de-cabaço (cr); dácud, úcud (cb); barquelei, tabáe, tchapelêguê, tehapeleque (fu); bamé (mc); d'jubitabô, tabá, tabô (md); ibulbbecana, n'bama, umbana (mj); bamba (pp); mangéboré (ss); atakssulê (td).

cf. **Tarrietia utilis** (Sprague) Sprague (1916) 85

Bas.: *Triptochiton utile* Sprague (1908) 257.

Syn.: *Cola proteiformis* A.Chev. (1909b) 250;  
*Heritiera utilis* (Sprague) Sprague (1909b) 348.

Tree, in wet grass savannah.

mPh – G – L

**Waltheria indica** L. (1753) 673

Subshrub, in thicket, woodland, savannah woodland, riparian forest, palm groves and wet grass savannah; also in rainfed crops.

nph – Pan – N, S, E, B – fl: ix-iii; fl&fr: iv; fr: i  
V.N.: bueta-rufera (ba); ensano (bj); futidorum-assai (dj); sotchinchhedje, uhadaaru-xoxoco (fu); mefaga (nl); cujucujient (pp); bôtogue-bandanuele (td).

**Waltheria lanceolata** R.Br. ex Mast. (1868) 235

Subshrub, in thicket, woodland, savannah woodland and wet grass savannah; also in disturbed places.

nph – G – N, S, E – fl: i, xi

#### THYMELAEACEAE – 2 genera; 2 species

FWTA 2nd ed. 1: 171–176; EPFAT 1: 115–117.

A family comprising mainly shrubs, cosmopolitan but especially well represented in Africa.

**Dicranolepis disticha** Planch. (1848) t. 798

Small shrub, in forest and woodland.

nph – GC – S – fl: x; fr: ii, iv

V.N.: n'saldendek, n'saldindik (nl).

**Gnidia chrysantha** (Solms) Gilg (1894) 258

Bas.: *Arthrosolen chrysanthus* Solms (1867) 165.

Subshrub, in the margins of rivers and small lakes.

nph – AfT – E – fl: i, ii

#### TILIACEAE – 6 genera; 13 species

FWTA 2nd ed. 1: 300–310; EPFAT 1: 173–178.

A family of tropical and temperate trees, shrubs and some herbs. Most of the species in Guinea-Bissau are shrubs, occurring mainly in woodland and savannah woodland and herbs, often found also in flooded rice fields, rainfed crops and other disturbed places.

**Christiana africana** DC. (1824) 516

Shrub or small tree, in mangrove borders.

mPh – AfAm – S – fr: i

**Clappertonia ficifolia** (Willd.) Decne. (1846)

1, t. 1

Bas.: *Honckenya ficifolia* Willd. (1793) 201, t. 4/2.

Small shrub, in wet grass savannah and temporary pools; also in flooded rice fields.

nph – AfT – N, S, E – fl&fr: v-x; fr: i

**Corchorus aestuans** L. (1759b) 1079

Annual herb, in savannah woodland; also in flooded rice fields, rainfed crops and other disturbed places.

Th – Pan – N, S, E, B – fl: ix; fl&fr: viii-xii

V.N.: cunhunho (bf); lalêl-bábos (fu).

**Corchorus fascicularis** Lam. (1786) 104

Perennial herb, on river banks; also in flooded rice fields and other disturbed places.

Ch – Pal – N, E – fl: ix; fl&fr: xii; fr: vi, xi

V.N.: djambo (md).

**Corchorus olitorius** L. (1753) 529

Annual herb, in riparian forest and palm groves; also in rainfed crops and other disturbed places.

Th – Pan – N, S, E – fl: viii-x; fl&fr: x; frxi, xii  
V.N.: mentchêfâlê (bf); sôré (cr); sobo, sôré (fu); n' sôrê, unsôrê (nl); sôbê (sr); sórrê (ss).

**Corchorus tridens** L. (1771) 566

Annual herb, in savannah woodland and palm groves; also in rainfed crops and other disturbed places.

Th – Pal – N, S, E – fl&fr: viii-x; fr: xi, xii  
V.N.: labelbada, sobo (fu).

**Glyphaea brevis** (Spreng.) Monach. (1948) 484

Bas.: *Capparis brevis* Spreng. (1807) 43.

Shrub, in forest, woodland and riparian forest.  
mph – GC – N, S – fl: iv, vi; fl&fr: iii-vi; fr: i

**Grewia cissoides** Hutch. & Dalziel (1927) 244

Subshrub or small shrub, in savannah woodland.

nph – SG – E – fr: xii

**Grewia lasiodiscus** K. Schum. (1901) 100

Syn.: *G. kerstingii* Burret (1910) 172.

Shrub, in savannah woodland.

mph – SG – N, E – fl: iv, vi; fr: viii-xii

**Grewia mollis** A. Juss. (1804) 91

Syn.: *G. pubescens* P. Beauv. (1819) 76, t. 108.

Shrub, in savannah woodland.

mph – Pal – E – fr: xii

**Triumfetta cordifolia** A. Rich. (1831) 91, t. 18

Shrub, in forest edges, thicket, woodland, savannah woodland, palm groves and wet grass savannah; also ruderal.

mph – AfT – N, S, E, B – fl: xi; fl&fr: x-v; fr: xii-iv

V.N.: mamanáta (fu); pilipi (pp).

**Triumfetta pentandra** A. Rich. (1831) 93, t. 19

Annual herb, in woodland, savannah woodland and coastal sands; also in rainfed crops and other disturbed areas.

Th – Pal – N, S, E, B – fl&fr: xi; fr: x-ii

V.N.: quebe (fu); mascsok (nl).

**Triumfetta rhomboidea** Jacq. (1760) 22

Subshrub, in woodland, thicket, savannah woodland and palm groves; also in rainfed crops.

nph – Pan – N, S, E, B – fl: x, xi; fl&fr: x-xii; fr: xii-iv

## TRAPACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 170; EPFAT 1: 114.

A small monogeneric family, native in the Old World and naturalized in North America and Australia.

**Trapa natans** var. **bispinosa** (Roxb.) Makino (1907) 137

Bas.: *Trapa bispinosa* Roxb. (1815) 29, t. 234.

Perennial herb, in rivers.

Hyd – Pan(Pal) – L

## TURNERACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 85; EPFAT 1: 54–55.

A small family of shrubs, small trees and herbs distributed in the tropical and subtropical parts of Africa and America.

**Tricliceras pilosum** (Willd.) R. Fern. (1975) 23

Bas.: *Raphanus pilosus* Willd. (1800b) 562.

Syn.: *Wormskioldia pilosa* (Willd.) Schweinf. ex Urb. (1883) 54; *W. heterophylla* Schumach. & Thonn. (1827) 165.

Annual herb, in rainfed crops and other disturbed places.

Th – SZ – S, E – fl&fr: vi-ix

## ULMACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 591–593; EPFAT 2: 128–129.

A large family of tropical, subtropical and temperate trees and shrubs.

**Trema orientalis** (L.) Blume (1856) 62

Bas.: *Celtis orientalis* L. (1753) 1044.

Syn.: *T. guineensis* (Schumach. & Thonn.) Ficalho (1884) 261.

Small tree or shrub, in forest edges, thicket, woodland, savannah woodland and palm groves; also in the margins of flooded rice fields.

mph – Pal – N, S, E, B – fl: i, iv; fl&fr: x, xi; fr: xi-iv

V.N.: buanhônô (bf); nonha (bj); quere (fu); mafét, rubta-kabafar (= pigeon's food) (nl).

## UMBELLIFERAE (APIACEAE) – 1 genus; 1 species

FWTA 2nd ed. 1: 751–756; EPFAT 1: 77.

A large family mainly of herbs, near-cosmopolitan but more diverse in the temperate regions.

**Centella asiatica** (L.) Urb. (1879) 287

Bas.: *Hydrocotyle asiatica* L. (1753) 234.

Perennial herb, in savannah woodland, riparian forest, wet grass savannah and temporary pools; also in flooded rice fields.

Ch – Pan – N, B – fl: xii-iv

## URTICACEAE – 4 genera, 1 introduced; 6 species, 1 introduced, sub-spontaneous

FWTA 2nd ed. 1: 616–622; EPFAT 2: 144–146.

A family widespread in the tropical, subtropical and temperate regions, bearing herbs, small shrubs and some trees and climbers. Among the five autochthonous species, four are annual herbs, found in woodland and savannah woodland as well as in disturbed areas and one is a woody climber in forest and woodland.

**Laportea aestuans** (L.) Chew (1965) 200

Bas.: *Urtica aestuans* L. (1763) 1397.

Syn.: *Fleurya aestuans* (L.) Gaudich. (1830) 497.

Annual herb, in rainfed crops and other disturbed areas.

Th – Pan – N, E, B – fl: ix-xi

V.N.: nhafitiram (md).

**Laportea interrupta** (L.) Chew (1965) 200

Bas.: *Urtica interrupta* L. (1753) 985.

Syn.: *Fleurya interrupta* (L.) Gaudich. (1830) 497.

Annual herb in savannah woodland.

Th – Pan – N – fl: ix

**Laportea ovalifolia** (Schumach. & Thonn.)

Chew (1965) 201

Bas.: *Haynea ovalifolia* Schumach. & Thonn. (1827) 406.

Syn.: *Fleurya ovalifolia* (Schumach. & Thonn.) Dandy (1952) 277.

Annual herb, ruderal.

Th – AfT – E – fl: ix

**Pilea microphylla** (L.) Liebm. (1851) 296

Bas.: *Parietaria microphylla* L. (1759b) 1308.

Annual herb, ruderal.

Th – Pan(Am) – N, S – fl: vii, ix

Introduced species, sub-spontaneous, native to South America.

**Pouzolzia guineensis** Benth. (1849) 518

Annual herb, in woodland; also in rainfed crops.

Th – GC – S – fl&fr: x, xii

**Urera oblongifolia** Benth. (1849) 515

Woody climber, in forest and woodland.

mphC – G – S, B – fl: iv, vi; fr: ix

V.N.: norroi (bj).

## VAHLIACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 119–120 (as Saxifragaceae); EPFAT 1: 77.

A small monogeneric family of annual and perennial herbs or subshrubs, paleotropical.

**Vahlia digyna** (Retz.) Kuntze (1891a) 227Bas.: *Oldenlandia digyna* Retz. (1786) 23.

Annual herb, in wet grass savannah.

Th – Pal – N – fl&amp; fr: i

## VERBENACEAE – 4 genera; 5 species, 1 introduced and naturalized

FWTA 2nd ed. 2: 432–448; EPFAT 4: 508–527.

A large family comprising herbs, lianas, shrubs and trees, mostly tropical and subtropical and a few temperate too. Among the native species, two are small shrubs or subshrubs, one is an annual herb, and one a perennial one. The introduced species is a shrub cultivated as ornamental or living fence.

**Lantana camara** L. (1753) 627

Shrub cultivated as living fence, probably naturalized in disturbed places.

mph – Pan(Am) – S – fl: iv

Introduced species, native to Central America.

**Lantana ukambensis** (Vatke) Verdc. (1992) 43Bas.: *Lippia ukambensis* Vatke (1882) 528.Syn.: *Lantana rhodesiensis* Moldenke (1950) 269.

Subshrub, in savannah woodland.

nph – AfT – E – fl: ix; fr: vi, x

V.N.: ordenhandé (fu).

**Lippia chevalieri** Moldenke (1947) 313

Small shrub, in woodland and savannah woodland; also in rainfed crops.

nph – S – N, S, E – fl: x-i; fr: xii

V.N.: bâê-bâê (ff); bâê-bâê, ussumo-coloma (fu); ussum-culum-ô (md).

**Phyla nodiflora** (L.) Greene (1899) 46Bas.: *Verbena nodiflora* L. (1753) 20.Syn.: *Lippia nodiflora* (L.) Michx. (1803b) 15.

Perennial herb, in the margins of rivers and temporary pools.

Ch – Pan – N, B – fl: v, vi

**Stachytarpheta indica** (L.) Vahl (1804) 206Bas.: *Verbena indica* L. (1759b) 851.Syn.: *S. angustifolia* (Mill.) Vahl (1804) 205.

Annual herb, in the margins of rivers and small lakes; also in flooded rice fields and other disturbed areas.

Th – Pan – N, S, E – fl: vi-xii

## VIOLACEAE – 1 genus; 2 species

FWTA 2nd ed. 1: 98–107; EPFAT 3: 66–69.

A family of herbs, shrubs and some trees, cosmopolitan but more diverse in the temperate regions. The two species in the country are shrubs found mainly in forest, woodland and riparian forest.

**Rinorea ilicifolia** (Welw. ex Oliv.) Kuntzesubsp. *ilicifolia* (1891a) 42Bas.: *Alsodeia ilicifolia* Welw. ex Oliv. (1868) 108.Syn.: *R. angolensis* Exell (1935b) 12.

Shrub, in forest, forest edges and woodland.

mph – AfT – S – fl: iv-xi; fr: vi

V.N.: pé-di-kabra-di-matu (cr); n'bankanmutban (nl).

**Rinorea subintegrifolia** (P.Beauv.) Kuntze

(1891a) 42

Bas.: *Ceranthera subintegrifolia* P.Beauv. (1808) 11.Syn.: *Alsodeia subintegrifolia* (P.Beauv.) Oliv. (1868) 109; *Rinorea amaniensis* Engl. (1921) 553.

Shrub, in forest, thicket, riparian forest and on river banks.

mph – GC – N, S, E – fl: i-vii; fl&amp;fr: iii-vi; fr: v

## VITACEAE — 4 genera; 15 species

FWTA 2nd ed. 1: 672–682 (as Ampelidaceae); EPFAT 2: 190–196; F.S. 1: 189–235 (as Ampelidaceae).

A family of woody and herbaceous climbers, widely distributed but most diverse in tropical and subtropical regions. Most of the 15 species found in Guinea-Bissau are herbaceous climbers occurring in several habitats: forest, woodland, savannah woodland and wet grass savannah.

**Ampelocissus africana** (Lour.) Merr. (1935) 253

Bas.: *Botria africana* Lour. (1790) 154.

Herbaceous climber, in savannah woodland.  
mPhC – SGC – E – fr: ix

**Ampelocissus bombycina** (Baker) Planch. (1885) 31

Bas.: *Vitis bombycina* Baker (1868b) 399.

Herbaceous climber, in woodland and palm groves.

mPhC – SGC – N, S, B – fr: ix-xi

**Ampelocissus leonensis** (Hook.f.) Planch. (1885) 30

Bas.: *Cissus leonensis* Hook.f. (1849) 264.

Herbaceous climber, in forest and woodland.  
mPhC – SG – S – fl&fr: ix; fr: v

**Ampelocissus multistriata** (Baker) Planch. (1887) 398

Bas.: *Vitis multistriata* Baker (1868b) 410.

Syn.: *A. pentaphylla* (Guill. & Perr.) Gilg & M.Brandt (1911) 427; *V. pentaphylla* Guill. & Perr. (1831) 135, t. 33.

Herbaceous climber, on river banks and savannah woodland.

mPhC – SZ – N, S, B – fl: iv, v; fr: vi, viii

V.N.: mé (ba); funhálon (dj).

**Cayratia gracilis** (Guill. & Perr.) Suss. (1953) 352

Bas.: *Cissus gracilis* Guill. & Perr. (1831) 134.

Herbaceous climber or perennial herb, in woodland and palm groves; also in rainfed crops and disturbed areas.

GeoC – Aft – N, S, E, B – fl&fr: viii-x; fr: ix-xii

V.N.: uva-de-sancho (cr).

**Cissus aralioides** (Welw. ex Baker) Planch. (1887) 513

Bas.: *Vitis aralioides* Welw. ex Baker (1868b) 411.

Herbaceous climber, in forest, riparian forest, thicket, woodland, savannah woodland and wet grass savannah.

mPhC – Aft – N, S, E, B – fl&fr: xi; fr: x-i

V.N.: ensúlè (ba); blabe (mc); ogôga (pp).

**Cissus diffusiflora** (Baker) Planch. (1887) 496  
Bas.: *Vitis diffusiflora* Baker (1868b) 390.

Herbaceous climber, in thicket and on river banks; also ruderal.

GeoC – SGC – S – fl: viii, ix; fr: ix, xi

**Cissus populnea** Guill. & Perr. (1831) 134

Herbaceous climber, in woodland, savannah woodland and wet grass savannah.

mPhC – SGC – S, E – fl: v-viii

V.N.: n'bumba (ba); canja-di-mato (cr); lacadjje (fu); bumbala (md).

**Cissus producta** Afzel. (1815b) 63

Herbaceous climber, in forest edges, thicket and woodland.

GeoC – Aft – S, E, B – fl: xii-iv; fr: x

**Cissus quadrangularis** L. (1767a) 124

Herbaceous climber, in woodland and savannah woodland.

mPhC – Pal – N, E – fl&fr: xii

V.N.: suncarô (md).

**Cissus rufescens** Guill. & Perr. (1831) 133

Herbaceous climber, in riparian forest, woodland, savannah woodland and wet grass savannah.

mPhC – SGC – S, E, B – fl: v-vii; fl&fr: i; fr: vi, vii

V.N.: semeji (ss).

**Cyphostemma adenocaulis** (Steud. ex A.Rich.)

Desc. ex Wild & R.B.Drumm. (1966) 473

Bas.: *Cissus adenocaulis* Steud. ex A.Rich. (1847) 111.

Herbaceous climber, in savannah woodland and wet grass savannah.

GeoC – Aft – S, E – fl: vi; fr: viii, xi

**Cyphostemma rubrosetosa** (Gilg & M.Brandt) Desc. (1967) 227

Bas.: *Cissus rubrosetosum* Gilg & M.Brandt (1912) 532.

Herbaceous climber, in riparian forest and wet grass savannah.

GeoC – SG – E – fl&fr: vii; fr: ix

**Cyphostemma vogelii** (Hook.f.) Desc. (1967) 230

Bas.: *Cissus vogelii* Hook.f. (1849) 267.

Herbaceous climber, in forest edges and woodland.

Species known only from bibliographic reference (Malaisse 1996).

GeoC – SG – S

**Cyphostemma waterlotii** (A.Chev.) Desc. (1967) 230

Bas.: *Cissus waterlotii* A.Chev. (1950) 456.

Perennial herb, in woodland and savannah woodland.

Geo – SG – S, E – fl: vi, vii; fr: vi, ix

#### VOCHYSIACEAE – 1 genus; 1 species

FWTA 2nd ed. 1: 114; EPFAT 1: 72.

A small family of trees, shrubs and climbers, native to tropical Central and South America and West Africa.

**Erismadelphus exsul** Mildbr. (1913) 549

Tree, in forest or woodland.

mPh – GC – S

Species known only from bibliographic reference (Malaisse 1996).

### LILIOPSIDA (MONOCOTYLEDONES) – 33 families; 160 genera; 399 specific and infra-specific taxa

#### ALISMATACEAE – 3 genera; 3 species

FWTA 2nd ed. 3: 9–14; EPFAT 3: 16; FIS 9: 31–42.

A small family of aquatic or wetland rhizomatous herbs, cosmopolitan but more diverse in the New World. The three species in the flora of Guinea-Bissau are found in rivers, wet grass savannah and temporary pools.

**Limnophyton obtusifolium** (L.) Miq. (1856) 243

Bas.: *Sagittaria obtusifolia* L. (1753) 993.

Perennial herb, in rivers.

Hel – Pal – E – fl&fr: xi

**Wiesneria schweinfurthii** Hook.f. (1883) 1007

Perennial herb, in temporary pools.

Hyd – Aft – E – fr: xii

**Sagittaria guayanensis** Kunth (1816) 250

Syn.: *Lophotocarpus guayanensis* (Kunth)

T.Durand & Schinz (1894) 487.

Perennial herb, in wet grass savannah and temporary pools.

Hel – Pal – E – fl: ix; fl&fr: ix-xi

#### ALOEACEAE (LILIACEAE p.p.) – 1 genus; 1 species

FWTA 2nd ed. 3: 90–92 (included in the Liliaceae); EPFAT 3: 42–48; FIS 9: 415–416 (included in the Liliaceae).

A small paleotropical family of herbs and shrubs.

**Aloe buettneri** A.Berger (1905) 60

Perennial herb, in savannah woodland.

Ch – SZ – E – fl: vii, viii; fr: xii

## AMARYLLIDACEAE – 3 genera; 6 species

FWTA 2nd ed. 3: 131–137; EPFAT 3: 82–87; FIS 9: 45–52.

A large family of bulbous and a few rhizomatous herbs, widely distributed from temperate to tropical regions. The six species found in the country occur in savannah woodland, woodland, wet grass savannah and coastal sands.

**Crinum distichum** Herb. (1820) 7

Perennial herb, in savannah woodland.

Geo – SZ – S – fl: vi

**Crinum glaucum** A.Chev. (1912b) 212

Perennial herb, in wet grass savannah.

Geo – SG – E – fl: vii

**Crinum purpurascens** Herb. (1837) 250

Perennial herb, in thicket and savannah woodland.

Geo – AFT – S, B – fr: x

V.N.: carrorô (ba).

**Crinum zeylanicum** (L.) L. (1767a) 236

Bas.: *Amaryllis zeylanica* L. (1753) 293.

Perennial herb, in savannah woodland.

Geo – Pal – S – fl: vi

**Pancratium tenuifolium** Hochst. ex A.Rich.

(1850) 312

Syn.: *P. hirtum* A.Chev. (1908) 88.

Perennial herb, in savannah woodland.

Geo – SZ – E – fl: v; fr: vi

**Scadoxus multiflorus** (Martyn) Raf. subsp.

**multiflorus** (1838) 19

Bas.: *Haemanthus multiflorus* Martyn (1795) s.p.

Perennial herb, in woodland, savannah woodland and coastal sands.

Geo – SZ – N, S, B – fl: v-viii

V.N.: montulô, mótulo (ba); conquessae, enquessae (fl); fóro-rae (fu); bába (md).

## ANTHERICACEAE (LILIACEAE p.p.) – 1 genus; 10 species

FWTA 2nd ed. 3: 97–102 (included in the Liliaceae); EPFAT 3: 49–58; FIS 9: 421–429 (included in the Liliaceae).

A widespread family of rhizomatous herbs. All the ten species found in Guinea-Bissau belong to *Chlorophytum* and are found in woodland, savannah woodland, palm groves, wet grass savannah, river banks and small lakes.

**Chlorophytum affine** Baker (1875a) 160, t. 104

Syn.: *Anthericum pubirhachis* Baker (1876b) 302.

Perennial herb, in savannah woodland.

Geo – AFT – E – fl&fr: ix

**Chlorophytum alismifolium** Baker (1876b) 324

Perennial herb, in woodland and savannah woodland.

Geo – GC – N, B – fl: x; fl&fr: ix

V.N.: baçalê-ôdjêre, caló (fu).

**Chlorophytum blepharophyllum** Schweinf. ex Baker (1876b) 327

Perennial herb, in woodland and savannah woodland.

Geo – SZ – N, S, E – fl: vi; fl&fr: vi; fr: x

**Chlorophytum gallabatense** Schweinf. ex Baker (1876b) 325

Perennial herb, in wet grass savannah.

Geo – SZ – E – fl: vi

**Chlorophytum immaculatum** (Hepper) Nordal (1993) 63

Bas.: *Anthericum immaculatum* Hepper (1968b) 458.

Perennial herb, in savannah woodland, wet grass savannah and on river banks.

Geo – G – E, B – fl: vi; fl&fr: vii-x

**Chlorophytum inornatum** Ker Gawl. (1807) t. 1071

Perennial herb, in woodland and palm groves.

Geo – G – S

**Chlorophytum laxum** R.Br. (1810) 277

Perennial herb, in woodland and savannah woodland.

Geo – AFT – S, E – fl: ix; fr: x



**Chlorophytum limosum** (Baker) Nordal  
(1993) 63

Bas.: *Anthericum limosum* Baker (1878) 257.  
Perennial herb, in woodland, savannah wood-  
land, palm groves and wet grass savannah;  
also in rainfed crops and disturbed places.  
Geo – SZ – S, E – fl: vi; fr: vii

**Chlorophytum macrophyllum** (A. Rich.) Asch.  
(1867) 294

Bas.: *Anthericum macrophyllum* A. Rich. (1850)  
334.

Perennial herb, in savannah woodland, wet grass  
savannah and small lakes.

Geo – AFT – S, E – fl: vi; fl&fr: viii; fr: xi

**Chlorophytum senegalense** (Baker) Hepper  
(1968a) 496

Bas.: *Dasystachys senegalensis* Baker (1901)  
782.

Perennial herb, in savannah woodland, wet grass  
savannah and small lakes.

Geo – S – E – fl: viii; fl&fr: ix

#### APONOGETONACEAE – 1 genus; 1 species

FWTA 2nd ed. 3: 15–16; EPFAT 3: 16–17; FIS 9: 53–55.

A small monogeneric family of aquatic and wetland perennial herbs with corms or rhizomes, found in tropical and temperate regions of the Old World, specially in Africa and Madagascar.

**Aponogeton vallisnerioides** Baker (1875a) 158

Perennial herb, in temporary pools.

Hyd – SZ – E – fl&fr: xii

#### ARACEAE – 9 genera; 10 species

FWTA 2nd ed. 3: 112–127; EPFAT 3: 75–81; FIS 9: 57–72.

A large family, cosmopolitan but more diverse in the tropics, mostly of rhizomatous terrestrial herbs but also with some climbers, epiphytes and aquatic members. The native species in the country are perennial herbs and herbaceous climbers found in forest, palm groves, woodland, riparian forest, savannah woodland, thicket, coastal sands, wet grass savannah, rivers and small lakes.

**Amorphophallus aphyllus** (Hook.) Hutch.  
(1936) 362

Bas.: *Arum aphyllum* Hook. (1825) 386, t. A.  
Syn.: *Amorphophallus leonensis* Lem. (1845)  
3.

Perennial herb, in woodland and savannah  
woodland.

Geo – S – N, S, E, B – fl: i, ii; fr: v

**Amorphophallus flavovirens** N.E. Br. (1901a)  
153

Perennial herb, in thicket and coastal sands.

Geo – S – N, S

V.N.: etchiene (fs).

**Anchomanes difformis** (Blume) Engl. var.  
**difformis** (1879) 304

Bas.: *Amorphophallus difformis* Blume (1837)  
149.

Perennial herb, in forest, woodland and palm  
groves.

Geo – GC – N, S, B – fl: iv, v

V.N.: pundebugo, pundibono (fu).

**Anubias heterophylla** Engl. (1879) 435

Syn.: *A. afzelii* Schott (1857a) 399.

Perennial herb, in forest.

Geo – GC – S

Species known only from bibliographic refer-  
ence (Malaisse 1996).

**Cercestis afzelii** Schott (1857a) 41

Perennial herb or herbaceous climber, in wood-  
land, riparian forest and palm groves.

Geo(C) – GC – N, S, E, B – fl: i-v

V.N.: manfafa-di-mato (cr); mandonha (nl);  
dantili (ss).

**Culcasia scandens** P. Beauv. (1805) 4, t. 3

Syn.: *Denhamia scandens* (P. Beauv.) Schott &  
Endl. (1832) 19.

Herbaceous climber, in forest, savannah wood-  
land, riparian forest and palm groves.

GeoC – GC – N, S, E – fl&fr: vi; fr: ii

**Lasimorpha senegalensis** Schott (1857b) 127

Perennial herb, in rivers; also in flooded rice  
fields.

Hel – GC – E, B

V.N.: nopicóbo (fu).

**Pistia stratiotes** L. (1753) 963

Perennial herb, in wet grass savannah and floating on rivers and small lakes.

Hyd – Pan – E, B

V.N.: sarebáfæ (md).

**Remusatia vivipara** (Roxb.) Schott & Endl.

(1832) 18

Bas.: *Arum viviparum* Roxb. (1814) 65.

Perennial herb.

Geo – Pal

V.N.: n'pablea, umpàblea (pp).

Species known only from bibliographic reference (Espírito Santo 1963).

**Stylochiton lancifolius** Kotschy & Peyr. (1867)

42, t. 20

Perennial herb, in thicket and woodland; also in rainfed crops.

Geo – SZ – N, S, E – fl: vi

V.N.: banana-di-mato (cr); foro (fu); m'ba (md).

ASPARAGACEAE (LILIACEAE p.p.) – 1 genus; 2 species

FWTA 2nd ed. 3: 92–94 (included in the Liliaceae); EPFAT 3: 60–62; FIS 9: 93–96.

A small monogeneric family of herbs, shrubs and climbers, widespread in the Old World.

**Asparagus flagellaris** (Kunth) Baker (1875b)

614

Bas.: *Asparagopsis flagellaris* Kunth (1850) 103.

Subshrub or small liana, in woodland, palm groves and savannah woodland.

nph/mpnC – SZ – N, S, E, B – fl: iv, v, xi; fr: vi, ix

V.N.: eburute (bj); um-harara (fu).

**Asparagus racemosus** Willd. (1799) 152

Subshrub, in savannah woodland and along river banks.

nph – Pal – E – fl: x; fl&fr: xi; fr: xii

BURMANNIACEAE – 1 genus; 1 species

FWTA 2nd ed. 3: 176–180; EPFAT 3: 107–108; FIS 9: 99–100.

A small pantropical family of annual or perennial herbs, some of them saprophytic.

**Burmannia madagascariensis** Mart. (1824) 12

Syn.: *B. latialata* Hua ex Pobég. (1906) 166; *B. liberica* Engl. (1912) 505.

Annual herb, in wet grass savannah.

Hel – AfT – N – fr: i, xi

COLCHICACEAE (LILIACEAE p.p.) – 2 genera; 2 species

FWTA 2nd ed. 3: 106 (included in the Liliaceae); EPFAT 3: 62–64; FIS 9: 432–437 (included in the Liliaceae).

A family of cormous herbs or climbers, widespread in the Old World.

**Gloriosa superba** L. (1753) 305

Syn.: *G. simplex* L. (1767b) 62.

Perennial herb, in woodland, savannah woodland, riparian forest, palm groves and wet grass savannah.

Geo – Pal – N, S, E – fl: vii-x; fl&fr: vii-xii

V.N.: tititambá (fu); cumarêtron, cumarô-túrô (md).

**Iphigenia ledermannii** Engl. & K. Krause

(1910) 123

Perennial herb, in wet grass savannah.

Geo – S – E – fl&fr: vii

## COMMELINACEAE – 6 genera; 27 species, subspecies and varieties

FWTA 2nd ed. 3: 22–50; EPFAT 3: 20–28; FIS 9: 103–138.

A medium-sized family of annual and perennial herbs, sometimes climbing, widespread in tropical to temperate regions. The taxa found in Guinea-Bissau occur in a wide range of habitat, such as forest, riparian forest, woodland, savannah woodland, palm groves, wet grass savannah, temporary pools, river banks and mangrove borders, as well as in flooded rice fields, rainfed crops and other disturbed places.

**Aneilema beniniense** (P.Beauv.) Kunth (1843) 73

Bas.: *Commelina beniniensis* P.Beauv. (1816) 49, t. 87.

Perennial herb, in forest edges, riparian forest, palm groves and wet grass savannah; also in rainfed crops.

Ch – GC – S, E – fl: iii, ix; fl&fr: i-xii

**Aneilema paludosum** A.Chev. subsp. **paludosum** (1912b) 215

Annual herb, in wet grass savannah, on river banks and temporary pools; also in flooded rice fields, rainfed crops and other disturbed places.

Th – AfT – N, S, E – fl&fr: vi-xi

V.N.: jabufo (bn); gurdudal (fu); bondium (md).

**Aneilema setiferum** A.Chev. (1912b) 215

Annual herb, in savannah woodland.

Th – SG – E – fl: ix

**Aneilema umbrosum** (Vahl) Kunth (1843) 71

Bas.: *Commelina umbrosa* Vahl (1805) 179.

Perennial herb, in forest.

Ch – AfT – S – fl&fr: ix

**Commelina africana** L. var. **africana** (1753) 41

Syn.: *C. welwitschii* C.B. Clarke (1881) 175.

Perennial herb, in wet grass savannah.

Ch – AfT – E – fl: vii

**Commelina aspera** Benth. (1849) 542

Annual herb, in savannah woodland.

Th – AfT – E – fl&fr: ix

**Commelina benghalensis** L. var. **benghalensis** (1753) 41

Annual herb, in woodland; also in flooded rice fields, rainfed crops and other disturbed places.

Th – Pan(Pal) – N, S, E – fl: ix-xi; fl&fr: iv, xi; fr: x

V.N.: guredural, tamba-gangala (fu); bondium (md).

**Commelina bracteosa** Hassk. (1863) 386

Perennial herb, in woodland.

Ch – AfT – N, S, B – fl: viii-xi; fl&fr: x

**Commelina capitata** Benth. (1849) 541

Perennial herb, in forest edges and clearings, riparian forest and palm groves.

Ch – GC – N, S – fl: i-xi; fl&fr: x; fr: iv

V.N.: tama-guengala (td).

**Commelina congesta** C.B. Clarke (1881) 160

Perennial herb, in savannah woodland and palm groves; also in flooded rice fields and rainfed crops.

Ch – GC – N, S, E, B – fl: x; fr: xi, xii

**Commelina diffusa** Burm.f. subsp. **diffusa** (1768) 18, t. 7, f.2

Syn.: *C. nudiflora* L. (1753) 41, p.p.

Annual herb, in wet grass savannah, on river banks and mangrove borders; also in flooded rice fields.

Th – Pan – N, S, E, B – fl: iii-x, x; fl&fr: xii

**Commelina erecta** subsp. **livingstonii**

(C.B. Clarke) J.K. Morton (1967) 184

Bas.: *C. livingstonii* C.B. Clarke (1881) 173.

Perennial herb, in wet grass savannah.

Ch – SZ – E – fl&fr: vii

**Commelina forsskaolii** Vahl (1805) 172

Annual herb, in wet grass savannah.

Th – Pal – S – fl: xi

**Commelina lagosensis** C.B. Clarke (1901) 57

Annual herb, in woodland; also in rainfed crops.

Th – AfT – N, S, E – fl: xi; fr: ix

**Commelina nigritana** var. **gambiae**

(C.B. Clarke) Brenan (1968) 392

Bas.: *C. gambiae* C.B. Clarke (1881) 146.

Annual herb, in savannah woodland, wet grass savannah and coastal sands; also in flooded rice fields, rainfed crops and other disturbed places.

Th – G – N, S, E, B – fl: x, xi; fl&fr: ix-i

V.N.: sule-bugue, tamba-gangala (fu).

- Commelina nigriflora** Benth. cf. var. **nigriflora** (1849) 541  
Annual herb, in woodland and savannah woodland.  
Th – GC/SZ – B – fl: x
- Cyanotis lanata** Benth. (1849) 542  
Annual herb, in savannah woodland and wet grass savannah; also in flooded rice fields and other disturbed places.  
Th – AfT – N, S, E – fl: vi, vii; fl&fr: viii-xii
- Cyanotis longifolia** Benth. (1849) 543  
Perennial herb, in wet grass savannah.  
Geo – SZ – N, S, E – fl: vii; fl&fr: viii, ix; fr: x
- Floscopa africana** (P.Beauv.) C.B. Clarke subsp. **africana** (1881) 267  
Bas.: *Aneilema africanum* P.Beauv. (1818) 57, t. 93, f. 1 ‘*africana*’  
Perennial herb, in rivers.  
Hel – SZ – S, E – fl&fr: xi; fr: x
- Floscopa africana** subsp. **majuscula** (C.B. Clarke) Brenan (1968) 387  
Bas.: *F. africana* var. *majuscula* C.B. Clarke (1901) 85.  
Annual or perennial herb, in wet grass savannah and temporary pools.  
Hel – GC – N – fl&fr: xi
- Floscopa aquatica** Hua (1895) 122  
Perennial herb, in riparian forest and rivers.  
Hel – GC – S, E – fl&fr: xi, xii
- Floscopa axillaris** (Poir.) C.B. Clarke (1881) 268  
Bas.: *Polygala axillaris* Poir. (1804a) 489.  
Syn.: *F. elliotii* C.B. Clarke (1901) 88.  
Annual herb, in wet grass savannah.
- Th – G – N, S, B – fl: x; fl&fr: xi, i; fr: xi  
V.N.: fuiu-faia (fu).
- Floscopa flavida** C.B. Clarke (1881) 269  
Annual herb, in savannah woodland.  
Th – SZ – E – fl: xii
- Floscopa glomerata** (Willd. ex Schult. & Schult.f.) Hassk. subsp. **glomerata** (1870) 166  
Bas.: *Tradescantia glomerata* Willd. ex Schult. & Schult.f. (1830) 1175.  
Syn.: *F. rivularis* (A.Rich.) C.B. Clarke (1881) 267.  
Perennial herb, in wet grass savannah; also in flooded rice fields.  
Hel – AfT – N, S, E – fl: xii; fl&fr: xi; fr: xi, xii  
V.N.: quewon (fu).
- Floscopa glomerata** subsp. **pauciflora** (C.B. Clarke) J.K. Morton (1967) 200  
Bas.: *F. pauciflora* C.B. Clarke (1901) 88.  
Perennial herb, in wet grass savannah.  
Ch – G – N – fl&fr: xi
- Murdannia simplex** (Vahl) Brenan (1952) 186  
Bas.: *Commelina simplex* Vahl (1805) 177.  
Syn.: *Aneilema sinicum* Ker Gawl. (1822) 659.  
Perennial herb, in wet grass savannah.  
Hel – Pal – N, E – fl&fr: vii, viii
- Palisota hirsuta** (Thunb.) K.Schum. (1897a) 347  
Bas.: *Dracaena hirsuta* Thunb. (1808) 6.  
Perennial herb, in forest edges, woodland, riparian forest, palm groves and wet grass savannah.  
Geo – GC – N, S, E – fl: iii, xi; fl&fr: iii; fr: iv, v  
V.N.: bombá-camassopo, mabubé (nl); siquimbe (ss).

COSTACEAE (ZINGIBERACEAE p.p.) – 1 genus; 3 species

FWTA 2nd ed. 3: 77–79; EPFAT 3: 37; FIS 10: 534–537 (working document) (included in the Zingiberaceae in all of the publications).

A small family of rhizomatous herbs, widespread in the tropics. The three species found in the country occur in riparian forest, woodland, savannah woodland, palm groves and wet grass savannah.

- Costus afer** Ker Gawl. (1823) 683  
Perennial herb, in woodland, savannah woodland, palm groves and wet grass savannah.  
Geo – AfT – N, S, E, B – fl: viii-i; fr: xii  
V.N.: gôgôdje-sáto, gôgôdje-súto (fu); rum-rum (pp).
- Costus** cf. **dubius** (Afzel.) K.Schum. (1904) 409  
Bas.: *Zingiber dubium* Afzel. (1813) 9.  
Syn.: *C. albus* A.Chev. ex Koechlin (1964) 68, t. 14, f. 4–6.  
Perennial herb, in riparian forest.  
Geo – AfT – B – fl: iv

**Costus spectabilis** (Fenzl) K.Schum. (1892a) 422Bas.: *Cadalvena spectabilis* Fenzl (1865) 140.

Perennial herb, in savannah woodland.

Geo – SZ – E – fl: vi-ix

## CYPERACEAE – 19 genera; 91 species

FWTA 2nd ed. 3: 278–349; EPFAT 3: 161–212; FIS 9: 139–347.

A large cosmopolitan family of annual and perennial rhizomatous herbs, most of them growing in damp sites. It is also one of the largest families in the flora of Guinea-Bissau, whose species are found in a wide range of habitats, as forest, woodland, palm groves, savannah woodland, wet grass savannah, herbaceous steppe of the lateritic cuirasses, mangrove borders and coastal sands, river banks and beds, small lakes and temporary pools; also in rainfed crops, flooded rice fields and other disturbed places.

**Abildgaardia cf. abortiva** (Steud.) Lye (1974) 495Bas.: *Fimbristylis abortiva* Steud. (1855) 111.Syn.: *Bulbostylis abortiva* (Steud.) C.B. Clarke (1894) 610.

Annual herb, ruderal.

Th – SZ – E – fl&amp;fr: ix

**Abildgaardia coleotricha** (Hochst. ex A.Rich.) Lye (1974) 495Bas.: *Fimbristylis coleotricha* Hochst. ex A.Rich. (1850) 506.Syn.: *Bulbostylis coleotricha* (Hochst. ex A.Rich.) C.B. Clarke (1894) 613; *B. seretii* De Wild. (1927) 197.

Annual herb, in herbaceous steppe of the lateritic cuirasses; also ruderal.

Th – SZ – S, E – fl&amp;fr: viii, xi

**Abildgaardia hispidula** (Vahl) Lye (1974) 496Bas.: *Scirpus hispidulus* Vahl (1805) 276.Syn.: *Bulbostylis exilis* (Kunth) Lye (1971a) 547; *B. hispidula* (Vahl) R.W. Haines (1983) 1; *Fimbristylis hispidula* (Vahl) Kunth (1837) 227; *Isolepis exilis* Kunth (1816) 224.

Annual herb, in coastal sands; also in flooded rice fields and rainfed crops.

Th – AfT – N, S, E, B – fl: ix; fl&amp;fr: x, xii

**Abildgaardia wallichiana** (Schult.) Lye (1983b) 239Bas.: *Isolepis wallichiana* Schult. (1824) 533.Syn.: *Bulbostylis barbata* (Rottb.) C.B. Clarke (1893) 651; *Isolepis barbata* (Rottb.) R.Br. (1810) 222; *Scirpus barbatus* Rottb. (1772) 27.

Annual herb, in flooded rice fields, rainfed crops and other disturbed places.

Th – Pan – N, E – fl&amp;fr: ix

**Anosporum pectinatus** (Vahl) Lye (1981) 188Bas.: *Cyperus pectinatus* Vahl (1805) 298.Syn.: *A. nudicaule* (Poir.) Boeck. (1869) 26, (1870) 411; *C. nudicaulis* Poir. (1806) 240.

Perennial herb, in small lakes.

Hel – AfT – S – fl: v

**Ascolepis eriocauloides** (Steud.) Nees ex Steud. (1855) 105Bas.: *Kyllinga eriocauloides* Steud. (1842) 597.

Annual herb, in wet grass savannah.

Hel – SZ – E – fl&amp;fr: vii, ix

**Ascolepis pusilla** Ridl. (1884) 164, t. 23, f. 10–14

Annual herb, in savannah woodland and temporary pools.

Th – SZ – E, B – fr: x, xii

**Cyperus amabilis** Vahl (1805) 318

Annual herb, in rainfed crops.

Th – Pan – E – fl&amp;fr: ix-xi

V.N.: watchu (fu).

**Cyperus articulatus** L. (1753) 44

Perennial herb, in wet grass savannah, rivers and temporary pools; also in flooded rice fields.

Hel – Pan – N, S, E, B – fl: viii-xi; fl&amp;fr: xii

V.N.: bum'ane, n'buam, mussumarrè, umbuan (ba); m'pófa, n'pôpa, umpôpa (bf); ussoè (bj); mampufa (cr); contumô (md); entede, n'téd, n'tende, n'ten-tede, untende (nl); modjotè (pp); culeme, kolimé (ss).

**Cyperus compressus** L. (1753) 46

Annual herb, in woodland, savannah woodland and wet grass savannah; also in flooded rice fields and rainfed crops.

Th – Pal – N, S, E, B – fl&amp;fr: ix-xi

**Cyperus crassipes** Vahl (1805) 299Syn.: *C. maritimus* Poir. (1806) 240.

Perennial herb, in mangrove borders and coastal sands.

Geo – AfT – N, B – fl&amp;fr: xii

V.N.: bulêbabu (fl).

**Cyperus cuspidatus** Kunth (1816) 204

Annual herb, in temporary pools and mangrove borders; also in rainfed crops and other disturbed places.

Th – Pan – N, S, E – fl&amp;fr: ix-xii

V.N.: watchu (fu).

**Cyperus difformis** L. (1756) 6

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – Pan – N, S, E – fl: vi; fl&amp;fr: vi, xi, xii

V.N.: cutchotcho, djardolê (fu); cumaretoro (md).

**Cyperus esculentus** L. (1753) 45

Perennial herb, in flooded rice fields.

Geo – Pan – E – fl: vi; fl&amp;fr: xi

V.N.: djardolé (fu); banhamo (md); junça (pt).

**Cyperus halpan** L. (1753) 45Syn.: *C. cancellatus* Ridl. (1884) 131.

Perennial herb, in wet grass savannah, on river banks and temporary pools; also in flooded rice fields.

Geo – Pal – N, S, E – fl&amp;fr: iv-xii

V.N.: n'ruthe-foifoa (ba); coro-burudje, djardulé (fu); cuntjumpó, fátão (md).

**Cyperus cf. maculatus** Boeck. (1864) 539

Perennial herb, in small lakes.

Geo – AfT – B – fl&amp;fr: v

**Cyperus margaritaceus** Vahl (1805) 307

Perennial herb, in temporary pools, mangrove borders and coastal sands; also in flooded rice fields.

Hem – AfT – N, S – fl&amp;fr: viii

**Cyperus pustulatus** Vahl (1805) 341Syn.: *Juncellus pustulatus* (Vahl) C.B. Clarke (1894) 546.

V.N.: djardolé, djardoé-sewal, udó-iafa-ó (fu); cuntjumpo (md).

Annual herb, in flooded rice fields.

Th – AfT – N, E – fl&amp;fr: vi-x

**Cyperus reduncus** Hochst. ex Boeck. (1868) 580

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – AfT – E – fr: vi-xii

**Cyperus cf. remotispicatus** S.S. Hooper (1972) 577

Annual herb, in temporary pools.

Th – AfT – B – fl&amp;fr: x

**Cyperus sphacelatus** Rottb. (1772) 21

Annual herb, in disturbed places.

Th – AfT – S – fl&amp;fr: xi

**Cyperus tenuiculmis** Boeck. (1870) 286

Perennial herb, in wet grass savannah; also in flooded rice fields.

Geo – AfT – N, S, E, B – fl&amp;fr: vi-xii

**Cyperus tenuispica** Steud. (1854b) 11

Annual herb, in savannah woodland and wet grass savannah; also in flooded rice fields, rainfed crops and other disturbed places.

Th – AfT – N, S, E, B – fl&amp;fr: vii, xii

**Cyperus zollingeri** Steud. (1854b) 17

Annual herb, in wet grass savannah.

Th – AfT – E – fl&amp;fr: vi-xi

**Diplacrum africanum** (Benth.) C.B. Clarke (1894) 668Bas.: *Scleria africana* Benth. (1883) 1071.

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – AfT – N, S, E – fl&amp;fr: xi, xii

**Eleocharis acutangula** (Roxb.) Schult. (1824) 91Bas.: *Scirpus acutangulus* Roxb. (1820) 216.Syn.: *E. fistulosa* Link (1820) 78.

Perennial herb, in wet grass savannah, margins of rivers and small lakes, temporary pools, mangrove borders; also in flooded rice fields.

Hel – Pan – N, S, E – fl&amp;fr: xi, xii

V.N.: mampufa (cr); cumba-djupum-dururo (fu).

The vernacular name *mampufa* seems to be applied to all the species of this genus living in wet and aquatic habitats.**Eleocharis complanata** Boeck. (1879) 562

Annual herb, in wet grass savannah.

Hel – AfT – N – fl&amp;fr: xii

V.N.: cumba-djupum-dururo (fu).

**Eleocharis deightonii** S.S.Hooper (1972) 582  
Annual herb, in wet grass savannah; also in flooded rice fields.

Hel – G – S – fl&fr: x, xii

V.N.: crané-fós (ba).

**Eleocharis dulcis** (Burm.f.) Hensch. (1833) 186

Bas.: *Andropogon dulce* Burm.f. (1768) 219.

Syn.: *E. plantaginea* R.Br. (1810) 224.

Perennial herb, in wet grass savannah and small lakes.

Hel – Pal – S, E – fl&fr: v, xi, xii

V.N.: m'pófa (bf); mampufa (cr).

**Eleocharis geniculata** (L.) Roem. & Schult. (1817b) 150

Bas.: *Scirpus geniculatus* L. (1753) 48.

Syn.: *E. capitata* R.Br. (1810) 225; *Scirpus caribaeus* Rottb. (1772) 24.

Annual herb, in wet grass savannah, temporary pools and mangrove; also in flooded rice fields.

Hel – Pan – N, S, E, B – fl&fr: xii-iv

**Eleocharis mutata** (L.) Roem. & Schult. (1817b) 155

Bas.: *Scirpus mutatus* L. (1759b) 867.

Perennial herb, in wet grass savannah, on river banks and mangrove; also in flooded rice fields.

Hel – AAt – N, S, E, B – fl: vi; fl&fr: xi; fr:

viii-xii

V.N.: gowe (fu), cuntumam (md); n'tede (nl); colmé (ss).

**Eleocharis naumanniana** Boeck. (1883) 92

Annual herb, in temporary pools.

Hel – AfT – N – fl&fr: i

**Eleocharis nupeensis** Hutch. (1936) 467

Perennial herb, in wet grass savannah.

Geo – S – S – fl&fr: xi

V.N.: m'pófa (bf); mampufa (cr).

**Fimbristylis dichotoma** (L.) Vahl (1805) 287

Bas.: *Scirpus dichotomus* L. (1753) 50.

Syn.: *F. diphyllo* (Retz.) Vahl (1805) 289.

Perennial herb, in wet grass savannah; also in flooded rice fields.

Hel – Pan – N, S, E – fl: viii; fl&fr: vi-xii

V.N.: bobo (cr); dili, leudjiri, nhembé (fu); nha-mo (md); can-maré (nl).

**Fimbristylis ferruginea** (L.) Vahl (1805) 291

Bas.: *Scirpus ferrugineus* L. (1753) 50.

Syn.: *F. tristachya* R.Br. (1810) 227; *F. sieberiana* Kunth (1837) 237.

Perennial herb, in wet grass savannah, small lakes, mangrove and mangrove borders; also in flooded rice fields.

Hel – Pan – N, S, E, B – fl: vii; fl&fr: xi-iv

V.N.: m'pófa (bf); mampufa (cr); fudempead-jiquel (fs).

**Fimbristylis littoralis** Gaudich. (1829) 413

Annual herb, in wet grass savannah; also in flooded rice fields.

Hel – Pal – N, S, E – fl&fr: ix-xii

V.N.: m'pófa (bf); mampufa (cr).

**Fimbristylis schoenoides** (Retz.) Vahl (1805) 286

Bas.: *Scirpus schoenoides* Retz. (1789) 14.

Annual herb, in wet grass savannah and temporary pools; also in flooded rice fields.

Hel – Pal – N, E, B – fl&fr: vi-xi

V.N.: udoputchi (fu).

**Fimbristylis tomentosa** Vahl (1805) 290

Annual herb, in rainfed crops.

Th – Pal – E – fl&fr: x

V.N.: m'pófa (bf); mampufa (cr)

**Fuirena ciliaris** (L.) Roxb. (1814) 8

Bas.: *Scirpus ciliaris* L. (1771) 182.

Annual herb, in wet grass savannah, rivers, small lakes, mangrove and mangrove borders; also in flooded rice fields.

Hel – Pal – N, S, E – fl&fr: vi-i

**Fuirena stricta** Steud. (1855) 128

Syn.: *Rhynchospora senegalensis* Steud. (1855) 149.

Perennial herb rhizomatose, in wet grass savannah and on river banks.

Hel – AfT – N, E – fl&fr: xi-ii

**Fuirena umbellata** Rottb. (1773) 70, t. 19, f. 3

Syn.: *F. seriata* C.B. Clarke (1907) 28.

Perennial herb, in riparian forest, wet grass savannah, small lakes, temporary pools and mangrove; also in flooded rice fields.

Hel – Pan – N, S, E, B – fl: xi; fl&fr: vi-xii

V.N.: burume-combê, mangatchaca (ba); camatão, pama (fu); góvê (ff); cametã (md); macook (nl); ocoçò (pp); melá (ss).

**Hypolytrum purpurascens** Cherm. (1933) 508

Perennial herb, in palm groves.

Geo – GC – N – fl: i

**Kyllinga debilis** C.B. Clarke (1907) 26

Syn.: *Cyperus leptorhachis* Mattf. & Kük. (1936) 595.

Annual herb, in disturbed places.

Th – S – E – fl: ix

**Kyllinga odorata** Vahl (1805) 382

Perennial herb, in wet grass savannah; also in rainfed crops and other disturbed places.

Geo – Pan – E – fl&fr: ix-xi

**Kyllinga pumila** Michx. (1803a) 28

Syn.: *Cyperus densicaespitosus* Mattf. & Kük. (1936) 597.

Annual herb, in wet grass savannah and on river banks; also in flooded rice fields.

Th – AfAm – N, S, E – fl: i; fl&fr: ix-xi

**Kyllinga squamulata** Thonn. ex Vahl (1805) 381

Syn.: *Cyperus metzii* (Hochst. ex Steud.) Mattf. & Kük. (1936) 612; *K. metzii* Hochst. ex Steud. (1854b) 70.

Annual herb, in wet grass savannah; also in flooded rice fields, rainfed crops and other disturbed places.

Th – Pan – N, S, E – fl&fr: ix-xi

**Lipocarpa chinensis** (Osbeck) J.Kern (1958a) 167

Bas.: *Scirpus chinensis* Osbeck (1757) 220.

Syn.: *L. argentea* (Vahl) R.Br. (1818) 459;

*L. senegalensis* (Lam.) T.Durand &

H.Durand (1909) 619.

Perennial herb, in wet grass savannah; also in flooded rice fields.

Hel – Pal – N – fl&fr: iv

**Lipocarpa filiformis** (Vahl) Kunth (1837) 367

Bas.: *Hypaelyptum filiforme* Vahl (1805) 283.

Perennial herb, in wet grass savannah and temporary pools; also in flooded rice fields.

Hel – Pan – E, B – fl&fr: ix-xi

V.N.: djardulé (fu).

**Mariscus cylindristachyus** Steud. (1854b) 65

Perennial herb, in wet grass savannah; also in rainfed crops.

Geo – Pan – N, S, E – fl&fr: ix-xii

V.N.: vatche (fu).

**Mariscus ligularis** (L.) Urb. (1900) 165

Bas.: *Cyperus ligularis* L. (1759b) 867.

Syn.: *M. rufus* Kunth (1816) 216, t. 67.

Perennial herb, in savannah woodland, wet grass savannah, on river banks, mangrove borders and coastal sands.

Hel – AfAm – N, S, E, B – fl: vii; fl&fr: x-iv

V.N.: tólé (ba); unthumar (nl).

**Mariscus longibracteatus** Cherm. (1919) 407

Syn.: *Cyperus distans* subsp. *longibracteatus* (Cherm.) Lye (1983a) 231; *C. longibracteatus* (Cherm.) Kük. (1929) 250.

Perennial herb, in wet grass savannah; also in flooded rice fields.

Hel – Pan – N, E – fl&fr: xii

**Mariscus squarrosus** (L.) C.B. Clarke (1893) 623

Bas.: *Cyperus squarrosus* L. (1756) 6

Syn.: *C. aristatus* Rottb. (1772) 22; *M. aristatus* (Rottb.) Cherm. (1938) 366.

Th – Pan – E – fl&fr: ix

Annual herb, in rainfed crops.

**Mariscus sumatrensis** (Retz.) J.Raynal (1975b) 110

Bas.: *Kyllinga sumatrensis* Retz. (1786) 13.

Syn.: *Cyperus cyperoides* (L.) Kuntze (1898) 333; *Scirpus cyperoides* L. (1771) 181.

Perennial herb, in savannah woodland and palm groves; also in rainfed crops and other disturbed places.

Hem – Pal – N, E, B – fl&fr: ix-xii

V.N.: cunchumpo (md).

**Nemum spadiceum** (Lam.) Desv. ex Ham. (1825) 13

Bas.: *Eriocaulon spadiceum* Lam. (1792) 214.

Syn.: *Scirpus angolensis* C.B. Clarke (1894) 617; *S. briziformis* Hutch. (1936) 466.

Annual herb, in wet grass savannah and herbaraceous steppe of the lateritic cuirasses.

Th – AfT – N, S, E, B – fl&fr: xi-i

**Oxycaryum cubense** (Poepp. & Kunth) Lye (1971b) 281

Bas.: *Scirpus cubensis* Poepp. & Kunth (1837) 172.

Perennial herb, in small lakes.

Hel – AfT – E – fl&fr: iv, xii

**Pycreus acuticarinatus** (Kük.) Cherm. (1934) 262

Bas.: *Cyperus acuticarinatus* Kük. (1913) 93.

Syn.: *C. crustaceus* Raymond (1963) 374; *Pycreus angulatus* sensu Hutch. & Dalziel (1936) 489, 490, non Nees.



Perennial herb, in wet grass savannah; also in flooded rice fields.

Hem – S – S, E – fl: xii

**Pycreus flavescens** (L.) P.Beauv. ex Rchb. (1830) 72

Bas.: *Cyperus flavescens* L. (1753) 46.

Annual herb, in savannah woodland and wet grass savannah; also in flooded rice fields.

Th – Pan – N, E – fl&fr: iv, xii

**Pycreus intactus** (Vahl) J.Raynal (1977) 46

Bas.: *Cyperus intactus* Vahl (1805) 332.

Herb, probably perennial, in wet grass savannah; also in flooded rice fields.

Hel – Pan – N, E – fl&fr: vi

V.N.: tchoconão (md).

**Pycreus lanceolatus** (Poir.) C.B. Clarke (1894) 538

Bas.: *Cyperus lanceolatus* Poir. (1806) 245.

Syn.: *P. propinquus* Nees (1842) 7.

Perennial herb, in wet grass savannah and along river banks.

Hel – AfAm – N, E – fl&fr: vii-xi

**Pycreus macrostachyos** (Lam.) J.Raynal (1969) 314

Bas.: *Cyperus macrostachyos* Lam. (1791) 147.

Syn.: *C. tremulus* Poir. (1806) 264; *P. albomarginatus* Mart. & Schrad. ex Nees (1842) 9;

*P. tremulus* (Poir.) C.B. Clarke (1894) 542.

Annual herb, in palm groves, wet grass savannah, small lakes and temporary pools; also in flooded rice fields.

Hel – Pan – N, S, E – fl: ix; fl&fr: v-xii

V.N.: san-hale (ba); djardué-maudé, djardule (fu); conulin (md); tcheba (nl); colmé (ss).

**Pycreus mundtii** Nees (1836a) 131

Syn.: *Cyperus mundtii* (Nees) Kunth (1837) 17.

Perennial herb, in wet grass savannah.

Hel – Pal – N, S

**Pycreus polystachyos** var. **laxiflorus** (Benth.) C.B. Clarke (1893) 592

Bas.: *Cyperus polystachyos* var. *laxiflorus* Benth. (1878) 261.

Syn.: *C. polystachyos* subsp. *laxiflorus* (Benth.) Lye (1983c) 2.

Perennial herb, in wet grass savannah and rivers; also in flooded rice fields.

Hel – G – S, E – fl: vii; fl&fr: v

V.N.: n'cohanthe (ba).

**Pycreus pseudodiaphanus** S.S.Hooper (1969) 313

Syn.: *Cyperus pseudodiaphanus* (S.S.Hooper) Lye (1983a) 231.

Hel – AfT – N, S – fl&fr: ix, xi

**Pycreus pumilus** (L.) Domin (1916) 417

Bas.: *Cyperus pumilus* L. (1756) 6.

Annual herb, in temporary pools.

Th – Pan – B – fl: ix

**Pycreus testui** Cherm. (1931) 13

Perennial herb, in wet grass savannah and mango grove borders.

Geo – AfT – B – fr: xii

**Remirea maritima** Aubl. (1775) 45, t. 16

Syn.: *Cyperus pedunculatus* (R.Br.) J.Kern (1958b) 798.

Perennial herb, in coastal sands.

Geo – Pan – B – fl&fr: xii

**Rhynchospora brevirostris** Griseb. (1866) 246

Annual herb, in wet grass savannah and on river banks.

Hel – AfAm – N, E – fl&fr: xii

**Rhynchospora candida** (Nees) Boeck. (1873) 605

Syn.: *Psilocarya candida* Nees (1842) 117.

Perennial herb, in wet grass savannah and temporary pools.

Hel – AfAm – N, S, E, B – fl: v, viii; fl&fr: viii-xi

V.N.: odjanque (pp).

**Rhynchospora contracta** (Nees) J.Raynal (1978) 277

Bas.: *Holoschoenus contractus* Nees (1842) 123.

Syn.: *R. micrantha* Vahl (1805) 231.

Perennial herb, in wet grass savannah.

Hel – AfAm – N – fl&fr: xii

**Rhynchospora corymbosa** (L.) Britton (1892) 84

Bas.: *Scirpus corymbosus* L. (1756) 7.

Syn.: *R. aurea* Vahl (1805) 229.

Perennial herb, in wet grass savannah and on river banks; also in flooded rice fields.

Hel – Pan – N, E – fl&fr: ix-i

V.N.: torlê (ba); nhentam-ô (md); oémbe (pp).

**Rhynchospora eximia** (Nees) Boeck. (1873) 601

Bas.: *Spermodon eximius* Nees (1854) 222.

- Syn.: *R. eximia* var. *pleiantha* (Cherm.) Raymond (1957) 173; *R. schroederi* K. Schum. ex C.B. Clarke (1906) 135; *R. testui* var. *pleiantha* Cherm. (1934) 267.  
Annual herb, in wet grass savannah and temporary pools; also in flooded rice fields.  
Hel – AfAm – N, E – fl&fr: x-xii
- Rhynchospora holoschoenoides** (Rich.) Herter (1953) 157  
Bas.: *Schoenus holoschoenoides* Rich. (1792) 106.  
Syn.: *R. cyperoides* (Sw.) Mart. (1816) 149.  
Perennial herb, in wet grass savannah and small lakes.  
Hel – AfT – N, S, B – fl&fr: v, xi, xii
- Rhynchospora perrieri** Cherm. (1923) 721  
Annual herb, in wet grass savannah and temporary pools.  
Hel – AfT – N, B – fl&fr: x, xi
- Rhynchospora tenerrima** subsp. *microcarpa* J. Raynal (1967) 325, cum fig. 5/2  
Annual herb, in coastal sands.  
Th – G – B – fl&fr: xii
- Rhynchospora triflora** Vahl (1805) 232  
Perennial herb, in wet grass savannah.  
Hel – Pan – N, E
- Schoenoplectus junceus** (Willd.) J. Raynal (1976) 139  
Bas.: *Schoenus junceus* Willd. (1794) 2, t. 1/4.  
Syn.: *Scirpus aureiglumis* S.S. Hooper (1972) 581.  
Annual herb, in wet grass savannah and small lakes; also in flooded rice fields.  
Hel – SZ – N, S, E – fl&fr: v-xii
- Schoenoplectus littoralis** (Schrad.) Palla (1888a) 299  
Bas.: *Scirpus littoralis* Schrad. (1806) 142, t. 5/7.  
Perennial herb, in wet grass savannah and mangrove borders; also in flooded rice fields.  
Hel – Pal – N, S – fl&fr: viii, xii  
V.N.: inthué (ba); enguemae (fl).
- Schoenoplectus mucronatus** (L.) Palla (1888b) 49  
Bas.: *Scirpus mucronatus* L. (1753) 50.  
Perennial herb, in wet grass savannah; also in flooded rice fields.  
Hel – Pal – N – fl&fr: xi
- Schoenoplectus roylei** (Nees) Ovcz. & Czukav. (1963) 40  
Bas.: *Isolepis roylei* Nees (1834a) 107.  
Syn.: *Scirpus quinquefarius* Buch.-Ham. ex Boeck. (1870) 701.  
Annual herb, in wet grass savannah; also in flooded rice fields.  
Hel – Pal – N, E – fl&fr: vi, ix
- Scleria achtenii** De Wild. (1926) 16  
Perennial herb, in wet grass savannah and temporary pools.  
Hel – AfT – N – fl&fr: xii
- Scleria aterrима** (Ridl.) Napper (1971) 445  
Bas.: *S. hirtella* var. *aterrima* Ridl. (1884) 166.  
Perennial herb, in savannah woodland and wet grass savannah.  
Geo – AfAm – N, E – fl&fr: viii-i
- Scleria boivinii** Steud. (1855) 173  
Syn.: *S. barteri* Boeck. (1874) 504.  
Perennial herb, climbing, in woodland, savannah woodland and mangrove borders.  
Geo – AfT – N, S – fr: iv, v, xi  
V.N.: ediba (fs).
- Scleria globonux** C.B. Clarke (1894) 671  
Annual herb, in wet grass savannah.  
Hel – AfT – S, E – fr: ix-xi  
V.N.: cametão (md).
- Scleria lacustris** Wight ex Sauvalle (1871) 152  
Syn.: *S. aquatica* Cherm. (1930) 279.  
Perennial herb, in small lakes and temporary pools.  
Hel – AfAm – S – fr: xi, xii
- Scleria melanomphala** Kunth (1837) 345  
Perennial herb, in wet grass savannah.  
Hel – AfAm – N – fl&fr: ii
- Scleria melanotricha** Hochst. ex A. Rich. (1850) 511  
Annual herb, in savannah woodland.  
Th – AfT – E – fl&fr: xii
- Scleria mikawana** Makino (1913) 57  
Annual herb, in wet grass savannah.  
Hel – Pal – E – fl&fr: xi  
V.N.: cametão (md).
- Scleria naumanniana** Boeck. (1883) 94  
Perennial herb, in forest, woodland, palm groves, wet grass savannah, small lakes and temporary pools.

Geo – GC – N, S, E, B – fl: viii; fl&fr: x-xii;  
fr: i, ix

**Scleria pergracilis** (Nees) Kunth (1837) 354  
Bas.: *Hypoporum pergracile* Nees (1834b)  
267.

Annual herb, in wet grass savannah.  
Hel – Pal – N, S, E – fl&fr: xi-ii

**Scleria racemosa** subsp. **depressa** (C.B. Clarke)  
J. Raynal (1964) 153  
Bas.: *S. racemosa* var. *depressa* C.B. Clarke  
(1894) 674.

Syn.: *S. depressa* (C.B. Clarke) Nelmes (1952)  
392.

Perennial herb, in forest edges, riparian forest  
and on river banks, palm groves, wet grass  
savannah, temporary pools and mangrove  
borders; also in flooded rice fields.

Hel – AfT – N, S, E – fl&fr: xi-v

V.N.: mbada-di-lugar (cs); málà-olé (fu); mélé  
(ss).

**Scleria rehmannii** C.B. Clarke (1898) 295  
Perennial herb, in wet grass savannah.  
Hel – AfT – E – fl&fr: x

#### DIOSCOREACEAE – 1 genus; 9 species

FWTA 2nd ed. 3: 144–154; EPFAT 3: 96–99; FIS 9: 349–367.

A medium-sized family of herbaceous climbers, with rhizomes or tubers, distributed mainly in the tropics and subtropics, with a few in temperate regions. *Dioscorea cayenensis*, a cultivated species, is, in spite of its name, native to West Africa.

**Dioscorea bulbifera** L. (1753) 1033  
Herbaceous climber, in forest clearings, wood-  
land, savannah woodland, riparian forest and  
on river banks.

GeoC – Pan – N, S, E, B – fl: ix, xi; fr: ix-xi  
V.N.: endome (ba); bubáia (the plant), mábuaiá  
(the tuber) (bf); undome (bm); denebra,  
genebra, niambé-de-mato (cr); igname-sau-  
vage (fc); púri (fu); catoco (mc); dandam,  
dandandim-ô (md); timbom (mj).

**Dioscorea cayenensis** Lam. (1789) 233  
Herbaceous climber, cultivated, with edible  
tuber.  
GeoC – G – E – fl: ix

**Dioscorea dumetorum** (Kunth) Pax (1887)  
134  
Bas.: *Helmia dumetorum* Kunth (1850) 436.  
Herbaceous climber, in riparian forest.  
GeoC – AfT – S, E – fr: viii  
V.N.: mabaia (fu).

**Dioscorea hirtiflora** Benth. subsp. **hirtiflora**  
(1849) 537  
Herbaceous climber, in thicket, woodland, sa-  
vannah woodland and palm groves.  
GeoC – AfT – N, S, E, B – fr: xii, i  
V.N.: inhame-di-mato, nham-de-lobo (cr);  
kapol-forro (fu).

**Dioscorea lecardii** De Wild. (1903c) 19  
Herbaceous climber, in woodland, riparian for-  
est and wet grass savannah; also in rainfed  
crops.

GeoC – S – N, S, E, B – fl: viii, x; fr: x, xi

**Dioscorea mangelotiana** J. Miège (1958) 40,  
cum fig.  
Herbaceous climber, in forest and woodland.  
GeoC – G – N, S  
V.N.: inhame (cr).

**Dioscorea praeheensis** Benth. (1849) 536  
Herbaceous climber, in woodland and savannah  
woodland.  
GeoC – GC – N, S, B – fl: ix; fr: xii, i  
V.N.: bgá (ba); inhame (cr); canhambô (md);  
barafe (mj); etêê, n'pabe, titê, umpabe (pp).

**Dioscorea preussii** Pax (1892) 147  
Herbaceous climber in forest clearings, wood-  
land, savannah woodland, riparian forest and  
palm groves.  
GeoC – GC – N, S, E, B – fl: ix-xi; fl&fr: x;  
fr: xi-i  
V.N.: n'paba (umpaba) (ba); etóco-n'sanha (mc);  
dandam-ô, malá (md); bombôpale (mj); etêê,  
etóe (pp).

**Dioscorea quartiniana** A. Rich. (1850) 316,  
t. 96/A  
Herbaceous climber, in woodland and savannah  
woodland.  
GeoC – SZ – E – fr: ix

## DRACAENACEAE – 2 genera; 4 species

FWTA 2nd ed. 3: 154–159 (as Agavaceae); EPFAT 3: 64–68; FIS 9: 21–29 (as Agavaceae).

A family of large rhizomatous herbs, trees and shrubs, distributed throughout the tropical and subtropical regions, mainly in arid and semiarid habitats.

**Dracaena mannii** Baker (1874) 164

Syn.: *D. perrottetii* Baker (1874) 165.

Shrub or small tree, in forest, woodland, savannah woodland, riparian forest, on river banks, palm groves and mangrove borders; also in flooded rice fields.

mPh – SGC – N, S, B – fl: ii–v; fr: iii–viii

V.N.: betenhe (mj); taga (pp).

**Sansevieria nilotica** Baker (1875b) 548

Perennial herb, in forest.

Geo – AfT? – S – fl: i

**Sansevieria senegambica** Baker (1875b) 548

Perennial herb, in forest clearings, thicket, woodland, savannah woodland, palm groves and mangrove borders.

Geo – G – N, S, B – fl: xi–i; fr: v

V.N.: boia-dabo (fl); bassatá (fs); b'ócò-fêto (fu);

lacom-ô, nhaucom-ô (md); n'cópè (pp).

**Sansevieria trifasciata** Prain (1903) 1054

Perennial herb, in woodland.

Geo – GC – N, S – fl: i

V.N.: boia-dabo (fl); b'ócôfeto (fu); lacom-ô, nhaucom-ô (md); n'cope, uncope (pp).

## ERIOCAULACEAE – 3 genera; 8 species

FWTA 2nd ed. 3: 57–65; EPFAT 3: 30–33; FIS 9: 369–390.

Quite a large family of annual or perennial herbs mostly with leaves in basal rosette, widespread in the tropical and subtropical regions, usually in wetland habitats.

**Eriocaulon afzelianum** Wikstr. ex Körn. (1854) 680

Annual herb, in wet grass savannah and temporary pools.

Hel – GC – N, S, E – fl: x–xii; fl&fr: ix, xi

**Eriocaulon fulvum** N.E. Br. (1901b) 248

Annual herb, in wet grass savannah.

Th – G – E – fl&fr: xii

**Eriocaulon latifolium** Sm. (1809) alph. order

Perennial herb, in rivers.

Hyd – AfT – E – fl: i, ii

V.N.: orô (ff).

**Eriocaulon nigericum** Meikle ex Brenan (1950) 231

Annual herb, in wet grass savannah.

Hel – G – S, E – fl: viii; fl&fr: xi, xii

**Eriocaulon setaceum** L. (1753) 87

Annual herb, on river banks, temporary pools and mangrove borders.

ThH – Pan – S, E – fl: x; fl&fr: v, x, xii

**Mesanthemum auratum** Lecomte (1909) 599

Annual herb, in wet grass savannah.

Th – G – B – fl: i

**Mesanthemum radicans** (Benth.) Körn. (1854) 573

Bas.: *Eriocaulon radicans* Benth. (1849) 547.

Perennial herb, in woodland, savannah woodland, palm groves, wet grass savannah, coastal sands and on river banks.

Hel – AfT – N, E, B – fl: xi–ii

**Paepalanthus lamarckii** Kunth (1841) 506

Annual herb, along river margins.

Th – AfAm – E – fl: xii

## GRAMINEAE (POACEAE) – 60 genera, 5 introduced; 150 species and subspecies, 7 introduced, 6 naturalized and 1 sub-spontaneous

FWTA 2nd ed. 3: 349–512; EPFAT 3: 212–292; FIS 10: 15–490 (working document).

A very large cosmopolitan family, mainly of herbs but with some woody plants (bamboos). It is also one of the largest families in the flora of Guinea-Bissau, occurring in all kinds of habitats and being dominant in some of them, as savannah woodland, wet grass savannah, herbaceous steppe of lateritic cuirasses and in some small lakes and temporary pools. Several grasses are also adventives

and weeds in rainfed crops and flooded rice fields. There are several cultivated grasses in the country, including the rice, base of local food, and the maize. Three native grasses (*Pennisetum glaucum*, *Sorghum bicolor* and *Digitaria exilis*) are cropped as cereals. *Oryza glaberrima*, cultivated in some West African countries, does not seem to be grown here.

**Acroceras amplexans** Stapf (1920) 625

Annual herb, in palm groves and wet grass savannah; also in flooded rice fields, rainfed crops and other disturbed places.

Th – AfT – N, S, E, B – fl&fr: vi-xii

V.N.: lábar, n'tchungo-blande (ba); inhamosso, quevel-faró, quewel, qwel (fu); bomdium (md).

**Acroceras zizanioides** (Kunth) Dandy (1931) 54

Bas.: *Panicum zizanioides* Kunth (1816) 100.

Perennial herb, in savannah woodland, palm groves and wet grass savannah.

Cam – Pan – N, E – fl&fr: viii-xii

V.N.: québè-fárô (fu).

**Alloteropsis paniculata** (Benth.) Stapf (1919) 486

Bas.: *Urochloa paniculata* Benth. (1849) 558.

Annual herb, in wet grass savannah.

Th – AfT – N – fr: vii

**Anadelphia afzeliana** (Rendle) Stapf (1919) 397

Bas.: *Andropogon afzelianus* Rendle (1893) 357.

Syn.: *Pobeguinea arrecta* (Stapf) Jacq.-Fél. (1950) 173.

Perennial herb, in savannah woodland, wet grass savannah and small lakes; also in flooded rice fields and rainfed crops.

Hem – GC/SZ – N, S, E, B – fl&fr: x-xii

V.N.: buálamp (bf); ibocô (bj); palha-casa, palha-de-lala (cr); leudjire (fu); n'thò (nl).

**Andropogon auriculatus** Stapf (1919) 258

Perennial herb, in woodland, riparian forest, palm groves and wet grass savannah; also in flooded rice fields and other disturbed places.

Hem – GC/SZ – N, S, E, B – fr: xi-i, vi

V.N.: n'cângàrà (ba); uah-coiô (md).

**Andropogon chevalieri** Reznik (1933) 870

Annual herb, in woodland and savannah woodland; also in rainfed crops and other disturbed places.

Th – S – N, E – fl&fr: xi, xii

**Andropogon chinensis** (Nees) Merr. (1917b) 101

Bas.: *Homoeatherum chinense* Nees (1836b) 448.

Annual herb, in savannah woodland and wet grass savannah.

Th – Pal – S, E – fl&fr: vi, ix

**Andropogon gayanus** var. **bisquamulatus** (Hochst.) Hack. (1889a) 448

Bas.: *A. bisquamulatus* Hochst. (1844b) 245.

Perennial herb, in woodland and savannah woodland.

Hem – AfT – N, E – fl&fr: xi, xii

**Andropogon pseudapricus** Stapf (1919) 242

Annual herb, in woodland, savannah woodland and wet grass savannah; also in disturbed places.

Th – AfAm(SZ) – N, S, E – fl&fr: xi, xii

A Sudano-Zambesian species nowadays introduced in Brazil and Mexico.

**Andropogon tectorum** Schumach. & Thonn. (1827) 49

Perennial herb, in forest clearings, woodland, savannah woodland and wet grass savannah; also ruderal.

Hem – SZ – N, S, E, B – fl&fr: xi, xii

V.N.: baia, uaba (fu); djagalhe-n'eutche, djagalhe-quentche (pp).

**Andropogon tenuiberbis** Hack. (1889a) 435

Perennial herb, in wet grass savannah.

Hem – AfT – N – fr: x

V.N.: uaba (fu); djagalhe-quentche (pp)

**Aristida sieberiana** Trin. (1821) 61

Perennial herb, in coastal sands and mangrove borders.

Hem – Pal – N – fr: i, iii

**<sup>1</sup>Axonopus compressus** (Sw.) P. Beauv. (1812a) 12

Bas.: *Milium compressum* Sw. (1788) 24.

Perennial herb, in wet grass savannah.

Cam – Pan(Am) – S – fl: viii

Introduced species, naturalized, native to South America.

- Brachiaria deflexa** (Schumach.) C.E. Hubb. ex Robyns (1932) 181  
 Bas.: *Panicum deflexum* Schumach. (1827) 63.  
 Annual herb, in forest edges, woodland and savannah woodland; also ruderal.  
 Th – Pal – N, S, E – fl&fr: vi-ix
- Brachiaria jubata** (Fig. & De Not.) Stapf (1919) 563  
 Bas.: *Panicum jubatum* Fig. & De Not. (1854) 331, f. 9.  
 Syn.: *B. fulva* Stapf (1919) 518.  
 Perennial herb, in wet grass savannah; also in flooded rice fields.  
 Hem – Aft – N, E – fl&fr: vii, viii  
 V.N.: labár (ba); què-el (fu); bondim-ô (md).
- Brachiaria lata** (Schumach.) C.E. Hubb. subsp. **lata** (1938) 2  
 Bas.: *Panicum latum* Schumach. (1827) 61.  
 Annual herb, ruderal.  
 Th – Pal – E – fl&fr: ix
- Brachiaria ramosa** (L.) Stapf (1919) 542  
 Bas.: *Panicum ramosum* L. (1767b) 29.  
 Annual herb, in rainfed crops.  
 Th – Pal – N, E – fl&fr: vii, ix
- Brachiaria stigmatisata** (Mez) Stapf (1919) 520  
 Bas.: *Panicum stigmatisatum* Mez (1904) 140.  
 Annual herb, in flooded rice fields and rainfed crops.  
 Th – SZ – E – fl&fr: vi, ix  
 V.N.: qwel (fu).
- Brachiaria villosa** (Lam.) A. Camus (1922) 433  
 Bas.: *Panicum villosum* Lam. (1791) 173.  
 Syn.: *B. disticophylla* (Trin.) Stapf (1919) 557.  
 Annual herb, in savannah woodland, mangrove borders and coastal sands; also in flooded rice fields and rainfed crops.  
 Th – Pal – N, S, E – fl&fr: ix, x  
 V.N.: bocansòle (ba).
- Cenchrus biflorus** Roxb. (1820) 238  
 Syn.: *C. barbatus* Schumach. (1827) 43.  
 Annual herb, in savannah woodland, mangrove borders and coastal sands; also in rainfed crops and other disturbed places.  
 Th – Pal – E, B – fl&fr: vi-xii  
 V.N.: cácam, quèbè (fu).
- Centotheca lappacea** (L.) Desv. (1810) 189  
 Bas.: *Cenchrus lappaceus* L. (1763) 1488.  
 Annual herb, in forest, woodland, riparian forest, palm groves and wet grass savannah; also in rainfed crops.  
 Th – Pal – N, S, E, B – fl&fr: x-ii  
 V.N.: ebocô (bj).
- Chasmopodium caudatum** (Hack.) Stapf (1917) 76  
 Bas.: *Rottboellia caudata* Hack. (1889a) 298.  
 Perennial herb, in woodland, savannah woodland, wet grass savannah and along margins of small lakes; also ruderal.  
 Hem – Aft – N, S – fl&fr: xi-iv  
 V.N.: balogôpe (bn); caratá (cr); m'tankas (nl).
- Chasmopodium purpurascens** (Robyns) Clayton (1973) 51  
 Bas.: *Rottboellia purpurascens* Robyns (1929) 66.  
 Syn.: *Robynsiochloa purpurascens* (Robyns) Jacq.-Fél. (1960) 406.  
 Perennial herb, in wet grass savannah and along river margins.  
 Hem – Aft – E – fl&fr: ix, x
- Chloris gayana** Kunth (1830) 293, t. 58  
 Perennial herb, in savannah woodland and wet grass savannah; also in flooded rice fields, rainfed crops and other disturbed places.  
 Hem – Pan (Aft) – N, E  
 V.N.: babondium (md).  
 A species native to tropical Africa, pantropical after introduction.
- Chloris pilosa** var. **nigra** (Hack.) Vanden Berghen (1987) 455  
 Bas.: *C. nigra* Hack. (1905) 179.  
 Annual herb, in savannah woodland; also in flooded rice fields, rainfed crops and other disturbed places.  
 Th – Aft – N, E – fr: ix-xi  
 V.N.: djadje (fu); fatão (md).
- Chrysopogon nigritanus** (Benth.) Veldkamp (1999) 526  
 Bas.: *Andropogon nigritanus* Benth. (1849) 573.  
 Syn.: *Vetiveria nigritana* (Benth.) Stapf (1917) 157.  
 Perennial herb, in wet grass savannah, small lakes and on river edges; also in flooded rice fields and other disturbed places.  
 Hel – Pal – S, E – fl&fr: v-xii  
 V.N.: palha-brabo-quilanho (cr); cudoendo, saiô (fu).

**Coelorachis afraurita** (Stapf) Stapf (1917) 80Bas.: *Rottboellia afraurita* Stapf (1908) 98.

Perennial herb, in wet grass savannah.

Hem – AfT – N – fl&amp;fr: xi

**<sup>1</sup>Coix lacryma-jobi** L. (1753) 972

Perennial herb, in wet grass savannah; also in flooded rice fields and other disturbed places.

Hem – Pal(As) – N, S, E – fl: viii-i

V.N.: bonco (ss).

Introduced species, naturalized, native to Asia.

**Ctenium canescens** Benth. (1849) 566

Perennial herb, in savannah woodland.

Hem – SG – N – fl: xii

**Ctenium elegans** Kunth (1830) 295, t. 59

Annual herb, in woodland, savannah woodland and wet grass savannah; also in rainfed crops and other disturbed places.

Th – SS – N, E – fl: ix; fl&amp;fr: xi-i

V.N.: undate (pp).

**Ctenium newtonii** Hack. (1887a) 229

Perennial herb, in woodland, savannah woodland, palm groves and coastal sands.

Hem – AfT – N, B – fl&amp;fr: x

**Cymbopogon caesius** subsp. **giganteus**

(Chiov.) Sales (2002) 77, t. 26

Bas.: *C. giganteus* Chiov. (1909) 12.Syn.: *Andropogon giganteus* Hochst. (1844b) 242, non Tenore.

Perennial herb, in woodland and savannah woodland; also in rainfed crops and other disturbed places.

Hem – AfT – N, S, E – fl&amp;fr: x-i

V.N.: kumbetu-de-fula (cs); calim (fu); ompá (pp).

**<sup>1</sup>Cymbopogon citratus** (DC.) Stapf (1906c)

322 &amp; 357, cum tab.

Bas.: *Andropogon citratus* DC. (1813) 78.

Perennial herb, ruderal; probably also cultivated for medicinal purposes.

Hem – Pan(In) – N – fl: i

V.N.: belgata (cr).

Introduced species, sub-spontaneous, native probably from India.

**Cynodon dactylon** (L.) Pers. (1805) 85Bas.: *Panicum dactylon* L. (1753) 58.

Perennial herb, in rainfed crops and as ruderal.

Geo – Cos – N – fl: xi

V.N.: bógobódje (fu); grama (pt).

**Dactyloctenium aegyptium** (L.) Willd. (1809) 1029Bas.: *Cynosurus aegyptius* L. (1753) 72.

Annual herb, in rainfed crops and other disturbed places.

Th – Pan – N, S, E – fl&amp;fr: ix, xi

V.N.: cúnher (ba); násei (fu).

**Danthoniopsis chevalieri** A. Camus &

C.E. Hubb. ex A. Camus (1934) 780

Perennial herb, in woodland and savannah woodland.

Hem – G – E – fl: x

**Digitaria argillacea** (Hitchc. & Chase) Fernald

(1920) 104

Bas.: *Syntherisma argillacea* Hitchc. & Chase (1917) 296.Syn.: *D. lecardii* (Pilg.) Stapf (1919) 450.

Annual herb, in wet grass savannah; also in rainfed crops.

Th – AfAm – E – fl&amp;fr: ix

**Digitaria ciliaris** (Retz.) Koeler (1802) 27Bas.: *Panicum ciliare* Retz. (1786) 16.Syn.: *D. adscendens* (Kunth) Henrard (1934) 92; *D. adscendens* subsp. *chrysoblephara* (Fig. & De Not.) Henrard (1950) 998, 126 cum fig.

Annual herb, in savannah woodland, wet grass savannah and coastal sands; also in flooded rice fields, rainfed crops and other disturbed places.

Th – Pan – N, S, E, B – fl&amp;fr: viii-xi

V.N.: fundo-bravo (cr); fonhe-tchole (fu); djadje, djadjin (md); cêcelê (td).

**Digitaria exilis** (Kippist) Stapf (1915) 385Bas.: *Paspalum exile* Kippist (1842) 157.

Annual herb, cultivated in rainfed lands as cereal; this species occurs also spontaneously in savannah woodland and disturbed places.

Th – G – N, E, B – fl&amp;fr: vi, ix

V.N.: fênhe, fim, finhe (ba); bofinhê (bf); fundo (cr); fonio (fc); fónio (ff); djadje, foheo, fónio (fu); uante, ôdote, udute (mc); findô (md); uante, urôte (mj); orrote, rote (pp).

**Digitaria gayana** (Kunth) A. Chev. (1911a) 163Bas.: *Panicum gayanum* Kunth (1830) 239, t. 31.

Annual herb, in savannah woodland, mangrove borders and coastal sands; also in rainfed crops and other disturbed places.

Th – AfT – N, E – fl&amp;fr: viii-x

**Digitaria horizontalis** Willd. (1809) 92

Annual herb, in woodland and savannah woodland; also in flooded rice fields and rainfed crops.

Th – AfAm – N, E – fl&fr: ix–xi

V.N.: iete (ba); djadjua (cr); djadjé, djadjé-lade (fu); guarcam, pefife (mj).

**Digitaria longiflora** (Retz.) Pers. (1805) 85

Bas.: *Paspalum longiflorum* Retz. (1786) 15.

Annual herb, in savannah woodland and coastal sands; also in rainfed crops.

Th – Pan – N, S, E, B – fl&fr: ix–xi

V.N.: cùrè, iéte, ura (ba); buâède (bf); fundo-bravo (cr); djadjje, djadjje-maudo (fu), obife, fónio-tchóli (ff); upadja (mc); djádje-ô (md); pefife, guarcam (mj); imbilô, oife (pp).

**Digitaria nuda** Schumach. (1827) 45

Annual herb, in rainfed crops.

Th – Pan – E – fl&fr: x

**Diheteropogon amplexans** (Nees) Clayton

(1966a) 75

Bas.: *Andropogon amplexans* Nees (1841) 104.

Perennial herb, in woodland, savannah woodland and wet grass savannah.

Hem – AfT – N, E – fl&fr: x–i

**Echinochloa callopus** (Pilg.) Clayton (1980)

560

Bas.: *Panicum callopus* Pilg. (1902) 46.

Syn.: *Brachiaria callopus* (Pilg.) Stapf (1919) 533.

Annual herb in wet grass savannah and temporary pools.

Hel – SZ – N, S – fl&fr: x, xi

**Echinochloa colona** (L.) Link (1833) 209

Bas.: *Panicum colonum* L. (1759b) 870.

Annual herb, in savannah woodland, wet grass savannah and mangrove borders; also in flooded rice fields and rainfed crops.

Hel – Cos – N, S, E – fl&fr: vi–xii

V.N.: queó, queu (ba); djiba-djidê (fu); nhamo, nhantandium (md).

**Echinochloa crus-pavonis** (Kunth) Schult.

(1824) 269

Bas.: *Oplismenus crus-pavonis* Kunth (1816) 108.

Perennial herb, in wet grass savannah; also in flooded rice fields.

Hel – AfAm – S – fl&fr: viii, xii

V.N.: queó (ba); nhamô (md).

**Echinochloa pyramidalis** (Lam.) Hitchc. & Chase (1917) 345

Bas.: *Panicum pyramidalis* Lam. (1791) 171.

Perennial herb, in riparian forest, on river banks, wet grass savannah, small lakes and mangrove borders; also in flooded rice fields.

Hel – AfT – N, S, E – fl&fr: viii–ii

V.N.: nhamiquinte (fu).

**Echinochloa stagnina** (Retz.) P.Beauv. (1812a) 53, 161, 171

Bas.: *Panicum stagninum* Retz. (1789) 17.

Perennial herb, in riparian forest and on river banks, wet grass savannah and small lakes; also in flooded rice fields.

Hel – Pal – N, S, E – fl&fr: x–xii

V.N.: queó (ba).

**Eleusine indica** subsp. **africana** (Kenn.-O'Byrne) Phillips (1972) 259

Bas.: *Eleusine africana* Kenn.-O'Byrne (1957) 65.

Annual herb, in savannah woodland, palm groves and wet grass savannah; also in flooded rice fields and rainfed crops.

Th – AfT – N, S, E, B – fl&fr: xi–xi

V.N.: albali (ba); uchocho, utchocho (fu).

**Eleusine indica** (L.) Gaertn. subsp. **indica** (1788) 8

Bas.: *Cynosurus indicus* L. (1753) 72.

Annual herb, in palm groves and wet grass savannah; also in flooded rice fields.

Th – Pan – N, E, B – fl&fr: vi–xii

V.N.: albáli (ba); fatão (md); butchuque (mj); bticatchor (pp).

**Elionurus elegans** Kunth (1830) 361

Annual herb, in woodland and savannah woodland; also ruderal.

Th – S – E – fl&fr: ix, x

**Elionurus hirtifolius** Hack. (1889a) 341

Annual herb, in savannah woodland; also ruderal.

Th – SG – S, E – fl&fr: ix

**Elionurus muticus** (Spreng.) Kuntze (1898) 350

Bas.: *Lycurus muticus* Spreng. (1827) 32.

Syn.: *E. argenteus* Nees (1841) 95; *E. chevalieri* Stapf (1908) 100.

Perennial herb, in wet grass savannah.

Hem – AfAm – S – fl&fr: v, vii



- Elytrophorus spicatus** (Willd.) A. Camus (1923) 547  
Bas.: *Dactylis spicata* Willd. (1801) 416.  
Annual herb, in wet grass savannah.  
Th – Pal – N – fr: xi
- Eragrostis aspera** (Jacq.) Nees (1841) 408  
Bas.: *Poa aspera* Jacq. (1777) 32, t. 56.  
Annual herb, in wet grass savannah; also in rainfed crops and other disturbed places.  
Th – Pal – S, E – fl&fr: ix, x
- Eragrostis atrovirens** (Desf.) Trin. ex Steud. (1840) 562  
Bas.: *Poa atrovirens* Desf. (1798) 73, t. 14.  
Perennial herb, in wet grass savannah; also in flooded rice fields.  
Hel – Pan – S, E – fl&fr: v-viii
- Eragrostis ciliaris** (L.) R.Br. (1818) 478  
Bas.: *Poa ciliaris* L. (1759b) 875.  
Annual herb, in savannah woodland; also in rainfed crops.  
Th – Pan – N, S, E, B – fl&fr: ix-xi  
V.N.: wutchutcho (fu).
- Eragrostis gangetica** (Roxb.) Steud. (1854a) 266  
Bas.: *Poa gangetica* Roxb. (1820) 341.  
Annual herb, in wet grass savannah and small lakes; also in flooded rice fields, rainfed crops and disturbed places.  
Th – Pan – N, S, E – fl&fr: ix-i
- Eragrostis japonica** (Thunb.) Trin. (1830) 405  
Bas.: *Poa japonica* Thunb. (1784) 51.  
Syn.: *E. diplachnoides* Steud. (1854a) 268;  
*E. namaquensis* var. *diplachnoides* (Steud.) Clayton (1971) 251.  
Annual herb, in riparian forest; also in flooded rice fields and rainfed crops.  
Th – Pan – E – fl&fr: xi, xii
- Eragrostis lingulata** Clayton (1966b) 269, f. 5  
Annual herb, in savannah woodland; also in flooded rice fields, rainfed crops and other disturbed places.  
Th – S – N, S, E – fl&fr: x-xii
- Eragrostis plurigluma** C.E. Hubb. (1934a) 116  
Perennial herb, in wet grass savannah and mango grove borders.  
Hem – AfT – N – fl&fr: i, xi
- Eragrostis squamata** (Lam.) Steud. (1854a) 274  
Bas.: *Poa squamata* Lam. (1791) 185.  
Perennial herb, in wet grass savannah and on river banks; also in flooded rice fields and other disturbed places.  
Hem – SG – N, S, E, B – fl&fr: ix-v
- Eragrostis tenella** (L.) Roem. & Schult. (1817b) 576  
Bas.: *Poa tenella* L. (1753) 69.  
Annual herb, in savannah woodland; also ruderal.  
Th – Pan – N, E, B – fl&fr: ix-ii
- Eragrostis tremula** Steud. (1854a) 269  
Annual herb, in savannah woodland and wet grass savannah; also in flooded rice fields, rainfed crops and other disturbed places.  
Th – Pal – N, E, B – fl&fr: vi-xii  
V.N.: mama-cungoi, sawarco-guerlé (fu).
- Eragrostis turgida** (Schumach.) De Wild. (1910) 250  
Bas.: *Poa turgida* Schumach. (1827) 66.  
Annual herb, in woodland, savannah woodland and wet grass savannah; also in flooded rice fields and other disturbed places.  
Th – AfT – E – fl&fr: vi-x  
V.N.: djadjé-faró (fu).
- Eragrostis welwitschii** Rendle (1899) 234  
Annual herb, in disturbed places.  
Th – AfT – S – fl: xi
- Euclasta condylotricha** (Hochst. ex Steud.) Stapf (1917) 181  
Bas.: *Andropogon condylotrichus* Hochst. ex Steud. (1854a) 377.  
Annual herb, in savannah woodland.  
Th – AfAm – E – fl: xi
- Hackelochloa granularis** (L.) Kuntze (1891b) 776  
Bas.: *Cenchrus granularis* L. (1771) 575.  
Annual herb, in rainfed crops and other disturbed places.  
Th – Pan – E – fl&fr: ix-xi  
V.N.: hewo (fu).
- Heteropogon melanocarpus** (Elliott) Benth. (1881) 71  
Bas.: *Andropogon melanocarpus* Elliott (1816) 146.  
Annual herb, in woodland and savannah woodland.  
Th – SS – N – fl: xi

- Hyparrhenia bagirmica** (Stapf) Stapf (1919) 319  
Bas.: *Cymbopogon bagirmicus* Stapf (1909a) 214.  
Annual herb, in savannah woodland.  
Th – S – E – fl&fr: xi
- Hyparrhenia cyanescens** (Stapf) Stapf (1909a) 209  
Bas.: *Cymbopogon cyanescens* Stapf (1909a) 209.  
Annual herb, in riparian forest.  
Th – AfT – E – fl&fr: xi
- Hyparrhenia rufa** (Nees) Stapf (1919) 304  
Bas.: *Trachypogon rufus* Nees (1829) 345.  
Annual herb, in savannah woodland and wet grass savannah.  
Th – Pan(AfT) – E – fl&fr: xii
- Hyparrhenia subplumosa** Stapf (1919) 366  
Annual herb, in savannah woodland and wet grass savannah.  
Th – Pan(AfT) – E – fl&fr: xi
- Hyporthelia dissoluta** (Nees ex Steud.) Clayton (1966c) 441  
Bas.: *Anthriscaria dissoluta* Nees ex Steud. (1854a) 400.  
Syn.: *Hyparrhenia dissoluta* (Nees ex Steud.) C.E. Hubb. ex Hutch. (1936) 591.  
Perennial herb in woodland, savannah woodland and wet grass savannah.  
Hem – AfAm – E – fl&fr: ix-xi
- Imperata cylindrica** (L.) Raeusch. (1797) 10  
Bas.: *Lagurus cylindricus* L. (1759b) 878.  
Perennial herb, in savannah woodland and wet grass savannah; also in rainfed crops and other disturbed places.  
Geo – Pal – N, S, E – fl: iv; fl&fr: x-v  
V.N.: tchomba (bf); sódjô (fu); pèssète (mc); tchumba, tumbunsuma (md); ochète (pp).
- Isachne buettneri** Hack. (1889b) 69  
Perennial herb, in riparian forest and wet grass savannah.  
Cam – G – N
- <sup>1</sup>**Ischaemum rugosum** Salisb. (1791) t. 1  
Perennial herb, in wet grass savannah; also in flooded rice fields and rainfed crops.  
Hel – Pan(As) – S, E – fl&fr: vi-xii  
V.N.: keo (ba), bulude-farò, demba-djidam, djilambã (fu); nhamaquintiò (fo); barocoro (md); tana-m'bale (nl).  
Introduced species, naturalized, native to Asia.
- Leersia drepanothrix** Stapf (1905a) 107  
Annual herb, in wet grass savannah and on river banks; also in flooded rice fields.  
Hel – AfT – S, E – fr: x
- Leersia hexandra** Sw. (1788) 21  
Perennial herb, in wet grass savannah and small lakes; also in flooded rice fields.  
Hel – Pan – N, S, E, B – fl: v; fl&fr: v-x; fr: x, xii  
V.N.: n'fèndè, unfèndè, unrúti (ba); uacundé (bj); siné (fu); cine-ghon sine-ò, cinéu, sineu, (md); olaquicom (pp).
- Leptochloa coerulescens** Steud. (1854a) 209  
Perennial herb, in wet grass savannah; also in flooded rice fields.  
Hel – AfT – E – fl&fr: xii  
V.N.: n'fèndè, unfèndè, unrúti (ba); uacundé (bj); siné (fu); cine-ghon, cinéu, sine-ò, sineu (md); olaquicom (pp).
- Loudetia annua** (Stapf) C.E. Hubb. (1934b) 429  
Bas.: *Trichopteryx annua* Stapf (1897) 298.  
Annual herb, in woodland, savannah woodland and wet grass savannah.  
Th – S – N, S, E – fl&fr: viii-xii  
V.N.: ovil (pp).
- Loudetia hordeiformis** (Stapf) C.E. Hubb. (1934b) 431  
Bas.: *Trichopteryx hordeiformis* Stapf (1897) 297.  
Annual herb, in woodland, savannah woodland, palm groves, wet grass savannah, coastal sands and mangrove borders.  
Th – S – N, S, E, B – fl&fr: x-xii
- Loudetia phragmitoides** (Peter) C.E. Hubb. (1934b) 428  
Bas.: *Trichopteryx phragmitoides* Peter (1938) 96.  
Perennial herb, in riparian forest and wet grass savannah; also in flooded rice fields.  
Hel – AfT – N, E – fl&fr: x-xii  
V.N.: balabaque (fu); sulunhantam-ò (md).
- Loudetia togoensis** (Pilg.) C.E. Hubb. (1934b) 431  
Bas.: *Trichopteryx togoensis* Pilg. (1904) 128.  
Annual herb, in savannah woodland.  
Th – SS – E – fl&fr: ix

- Loudetiopsis pobeguinii** (Jacq.-Fél.) Clayton (1967) 123  
 Bas.: *Dilophotriche pobeguinii* Jacq.-Fél. (1960) 408.  
 Syn.: *Danthoniopsis pobeguinii* Jacq.-Fél. (1960) 408, nom. inval.  
 Annual herb, in savannah woodland, wet grass savannah and herbaceous steppe of the lateritic cuirasses.  
 Th – SG – E – fl&fr: xii, i  
 V.N.: udo-bánoro (ff); údò-bonóro (fu).
- Microchloa indica** (L.f.) P.Beauv. (1812b) 13, t. 20, f. 8  
 Bas.: *Nardus indica* L.f. (1781) 105.  
 Annual herb, in savannah woodland and herbaceous steppe of the lateritic cuirasses.  
 Th – Pan – S, E – fr: xi
- <sup>1</sup>Olyra latifolia** L. (1759b) 1261  
 Perennial herb, in forest, thicket, woodland, riparian forest, and palm groves; also in flooded rice fields, rainfed crops and other disturbed places.  
 Cam – AfAm(Am) – N, S, E, B – fl: ix; fl&fr: viii-xi; fr: x-iv  
 V.N.: quèbè-sufô, quénè-súfô (fu); bondim, suluquemom (md).  
 Introduced species, native to tropical America.
- Oplismenus burmannii** (Retz.) P.Beauv. var. **burmannii** (1812a) 54, 169  
 Bas.: *Panicum burmannii* Retz. (1783) 10.  
 Annual herb, in forest, woodland, savannah woodland, riparian forest and wet grass savannah; also in rainfed crops.  
 Th – Pan – N, S, E, B – fl: ix-xii  
 V.N.: quéuel (fu); bondim-ò (md).
- Oplismenus hirtellus** (L.) P.Beauv. (1812a) 54, 168, 170  
 Bas.: *Panicum hirtellum* L. (1759b) 870.  
 Annual herb, in riparian forest and palm groves.  
 Th – Pan – N, S, E – fl&fr: x-xii
- Oropetium aristatum** (Stapf) Pilg. (1947) 14  
 Bas.: *Lepturella aristata* Stapf (1912) 223.  
 Annual herb, in savannah woodland and herbaceous steppe of the lateritic cuirasses.  
 Th – S – S
- Oryza barthii** A.Chev. (1911b) 405  
 Annual herb, in wet grass savannah; also in flooded rice fields.  
 Hel – AfT – S, E – fr: xii  
 V.N.: bororo (fu).
- Oryza brachyantha** A.Chev. & Roehr. (1914) 561  
 Annual herb, in wet grass savannah, small lakes and temporary pools.  
 Hel – AfT – S, E – fr: ix, xi
- Oryza cf. glaberrima** Steud. (1853) 3  
 Annual herb, in wet grass savannah.  
 Hel – S – N – fr: ix  
 This species is cultivated as cereal in some West African countries.
- Oryza longistaminata** A.Chev. & Roehr. (1914) 561  
 Perennial herb, in wet grass savannah and small lakes; also in flooded rice fields.  
 Hel – AfT – N, S, E – fl: ix; fl&fr: x; fr: ix-xii  
 V.N.: malô-sanfe, malu-lante, m'baia, n'tanse, n'tante, untante (ba); aros-de-ganga (cr); cadja, bororo, marôcumarè, maro-djine, marô-guelodê, sulefagi (fu); cumarô-marô (md); n'djangante, undjangantê (mj); mababá (nl); omanô-mane (pp); arroz-bravo, arroz-selvagin (pt); barimale (ss).
- Oxytenanthera abyssinica** (A.Rich.) Munro (1868) 127  
 Bas.: *Bambusa abyssinica* A.Rich. (1850) 439.  
 Shrub or tree-like bamboo, in woodland, savannah woodland, palm groves and wet grass savannah; also in disturbed places.  
 mPh – AfT – N, S, E – fl&fr: x, xii; fr: ii  
 V.N.: cânguera (bamboo used at house), sorguê, sua (group of bamboo plants) (ba); budjâma (plant), n'djâma (group of bamboo plants) (bf); edjô (bj); bambu, cana-bambu (cr); bambor (fc); quèbè (ff); djambarlam, quénè (fu); djambarlam-ò (md); najane, udjame (mj); djamá (pp); bambu (pt).
- Panicum afzelii** Sw. (1829) 5  
 Annual herb, in woodland, savannah woodland, palm groves and wet grass savannah; also in flooded rice fields and other disturbed places.  
 Th – SZ – N, S, E – fl&fr: vi-xii  
 V.N.: sauarco-guerlé (fu).
- Panicum brevifolium** L. (1753) 59  
 Annual herb, in palm groves, wet grass savannah and on river banks.  
 Th – Pal – N, S – fl&fr: x, xii

**Panicum fluviicola** Steud. (1854a) 89Syn.: *P. aphanoneurum* Stapf (1920) 687.

Perennial herb, in woodland, savannah woodland and wet grass savannah; also ruderal.

Hem – AfT – N, S, E, B – fl&amp;fr: ix-xii

**Panicum gracilicaule** Rendle (1899) 179Syn.: *P. sublaetum* Stapf (1920) 671.

Annual herb, in woodland, savannah woodland and palm groves; also in rainfed crops and other disturbed places.

Th – SZ – N, S, E – fl&amp;fr: x-xii

**Panicum laxum** Sw. (1788) 23

Annual herb, in palm groves, wet grass savannah and small lakes; also in flooded rice fields and rainfed crops.

Th – AfAm(Am) – N, S, E, B – fl&amp;fr: v-xii

V.N.: hehó, sabunde-cholon, sauarko-guerle (fu); djadjé, labusalim-ô (md).

Species native to tropical America, introduced and naturalized in tropical Africa.

**Panicum maximum** Jacq. (1781) 2, t. 13

Perennial herb, in savannah woodland; also in rainfed crops and other disturbed places.

Hem – Pan(AfT) – N, S, E, B – fl&amp;fr: vii-x

V.N.: silunhentam-ô (md).

**Panicum parvifolium** Lam. (1791) 173

Perennial herb, in wet grass savannah and small lakes.

Hel – AfAm – N, S – fl&amp;fr: v, xi

**Panicum repens** L. (1762) 87

Perennial herb, in savannah woodland, wet grass savannah and small lakes; also in flooded rice fields.

Geo – Cos – N, S, E – fl&amp;fr: v-xii

V.N.: uncanda (ba); grama (cr); uôf (nl); otigna (pp).

**Panicum subalbidum** Kunth (1831) 397, t. 112

Perennial herb, in savannah woodland; also in flooded rice fields and other disturbed places.

Hem – AfT – N, E – fl&amp;fr: ix

**Panicum tenellum** Lam. (1791) 173Syn.: *P. hystrix* Steud. (1854a) 95; *P. lindleyanum* Nees ex Steud. (1854a) 91; *P. viciniflorum* Stapf (1920) 674.

Perennial herb, in wet grass savannah, on river banks, coastal sands and mangrove borders; also in rainfed crops.

Hem – AfT – N, S, E, B – fl&amp;fr: viii-i

**Panicum walense** Mez (1904) 146

Annual herb, in wet grass savannah.

Th – Pal – E, B – fl&amp;fr: xi

**Paratheria prostrata** Griseb. (1866) 236

Perennial herb, in wet grass savannah; also in flooded rice fields.

Cam – AfAm – S – fl: vii

**Paspalum scrobiculatum** L. var. **scrobiculatum** (1767b) 29Syn.: *P. commersonii* Lam. (1791) 175, t. 43;*P. orbiculare* G.Forst. (1786) 7.

Perennial herb, in savannah woodland, palm groves, wet grass savannah, on river banks and coastal sands; also in flooded rice fields, rainfed crops and other disturbed places.

Hem – Pal – N, S, E, B – fl&amp;fr: viii-iii

V.N.: quenquessama (ff); cumba-djuputurum, cuntenterem, djàba-maudo, farehó, utchú-tchô (fu); farô, fatão (md).

**Paspalum vaginatum** Sw. (1788) 21

Perennial herb, in wet grass savannah, mangrove, mangrove borders and coastal sands; also in flooded rice fields.

Hel – Pan – N, S, E, B – fl: viii-xii

V.N.: bam, incada, n'cada (ba); nhadu, ritchale (bf); efépe (fl); ritchale (md); n'uôf, uofo (nl); sufé (ss).

**Pennisetum glaucum** (L.) R.Br. (1810) 195Bas.: *Panicum glaucum* L. (1753) 56.Syn.: *Pennisetum typhoides* (Burm.f.) Stapf & C.E.Hubb. (1933) 271.

Annual herb, cultivated in rainfed lands.

Th – Pan(AfT) – N, S, E – fl&amp;fr: ix-xi

V.N.: midjo-preto, milho-malha, milho-preto (cr); madja (fu); madjô (md).

An afrotropical species, cultivated as cereal, with several cultivars introduced into other tropical regions.

**Pennisetum hordeoides** (Lam.) Steud. (1854a) 103Bas.: *Panicum hordeoides* Lam. (1798) 729.

Annual herb, in woodland, savannah woodland, palm groves and wet grass savannah; also in rainfed crops and other disturbed places.

Th – Pal – N, S, E – fl&amp;fr: ix-i

V.N.: barâ (md); cule (ss).

**Pennisetum pedicellatum** Trin. (1834) 184

Annual herb, in woodland, savannah woodland, palm groves and wet grass savannah; also in rainfed crops and other disturbed places.

Th – Pal – N, E, B – fl&fr: ix-i  
V.N.: ebocô (bj); buludê (fu).

**Pennisetum polystachion** subsp. **atrichum**  
(Stapf & C.E.Hubb.) Brunken (1979) 63  
Bas.: *P. atrichum* Stapf & C.E.Hubb. (1933) 282.

Perennial herb, in savannah woodland and wet grass savannah; also in rainfed crops and other disturbed places.

Hem – AfT – N, S, E – fl&fr: ix-iv  
V.N.: singó (ba); puque (fu).

**Pennisetum polystachion** (L.) Schult. subsp. **polystachion** (1824) 146

Bas.: *Panicum polystachion* L. (1759b) 870.  
Syn.: *Pennisetum subangustum* (Schumach.) Stapf & C.E.Hubb. (1933) 271.

Annual herb, in savannah woodland and palm groves; also in rainfed crops and other disturbed places.

Th – Pan – N, S, E, B – fl&fr: ix-i  
V.N.: feéta (ba); mambinro (bf).

**Pennisetum unisetum** (Nees) Benth. (1881) 47, 49

Bas.: *Gymnothrix uniseta* Nees (1841) 66.  
Syn.: *Beckeropsis uniseta* (Nees) K. Schum. (1895b) 52.

Perennial herb, in woodland, savannah woodland, riparian forest and on river banks; also ruderal.

Hem – AfT – N, S, E – fl&fr: xi, xii

**† Perotis indica** (L.) Kuntze (1891b) 787

Bas.: *Anthoxanthum indicum* L. (1753) 28.

Annual herb, in woodland, savannah woodland and coastal sands; also in rainfed crops and other disturbed places.

Th – Pal(In) – N, S, B – fl&fr: x-xii; v

V.N.: colaco (fl).

Species native to India, introduced in tropical Africa, naturalized.

**Phragmites australis** subsp. **altissimus** (Benth.) Clayton (1968) 169

Bas.: *Arundo altissima* Benth. (1826) 62.

Syn.: *Ph. communis* Trin. (1820) 134.

Sub-woody grass, in wet grass savannah and on river banks.

Hel – Cos – N, S, E – fl&fr: iv; fr: i

**Phragmites karka** (Retz.) Trin. ex Steud. (1840) 144

Bas.: *Arundo karka* Retz. (1786) 21.

Syn.: *Ph. vulgaris* (Lam.) Crép. (1866) 345.

Sub-woody grass, in wet grass savannah, on river banks and mangrove borders.

Hel – Pal – N, S, E – fr: ii

V.N.: oncôco (pp).

**Rhytachne gracilis** Stapf (1905a) 98

Annual herb, in coastal sands.

Th – G – N – fl&fr: i

**Rhytachne triaristata** (Steud.) Stapf (1917) 85

Bas.: *Lepturopsis triaristata* Steud. (1854a) 358.

Annual herb, in savannah woodland and wet grass savannah.

Th – AfT – N, E, B – fl&fr: ix-xi

**Rottboellia cochinchinensis** (Lour.) Clayton (1981) 817

Bas.: *Stegosia cochinchinensis* Lour. (1790) 51.

Syn.: *Rottboellia exaltata* L.f. (1781) 114.

Annual herb, in woodland, savannah woodland, riparian forest and wet grass savannah; also in flooded rice fields, rainfed crops and other disturbed places.

Th – Pan(Pal) – N, S, E, B – fl&fr: ix-xii

V.N.: canterum (bj); kalim, sabim (fu); iam-iali (ss); okalim (td).

A paleotropical species, introduced and naturalized in tropical America.

**Sacciolepis africana** C.E.Hubb. & Snowden (1936) 294

Perennial herb, in wet grass savannah and small lakes; also in flooded rice fields.

Hel – AfT – N, S, E – fl&fr: vi-xii

V.N.: bombom, nbumbum (ba); cabaram-ô (md).

**Sacciolepis chevalieri** Stapf (1920) 754

Annual herb, in wet grass savannah and on river banks.

Hel – AfT – E – fl&fr: x

**Sacciolepis ciliocincta** (Pilg.) Stapf (1920) 751

Bas.: *Panicum ciliocinctum* Pilg. (1902) 48.

Annual herb, in temporary pools.

Hel – S – E – fl&fr: xii

**Sacciolepis cymbiandra** Stapf (1920) 758

Annual herb, in wet grass savannah and on river banks; also in flooded rice fields.

Hel – AfT – N, E – fl&fr: vi-i

**Sacciolepis indica** (L.) Chase (1908) 8

Bas.: *Aira indica* L. (1753) 63, 1231.

Annual herb, in wet grass savannah.

Hel – Pan – E – fl&fr: xi

- Sacciolepis interrupta** (Willd.) Stapf (1920) 761  
Bas.: *Panicum interruptum* Willd. (1797) 341.  
Annual herb, in wet grass savannah and temporary pools.  
Hel – Pal – N – fl&fr: viii-i
- Sacciolepis micrococca** Mez (1918) 122  
Annual herb, in wet grass savannah.  
Hel – SZ – N, S, E – fl&fr: xi, xii
- Schizachyrium brevifolium** (Sw.) Nees ex Buse (1854) 359  
Bas.: *Andropogon brevifolius* Sw. (1788) 26.  
Annual herb, in woodland, savannah woodland and wet grass savannah; also in flooded rice fields and rainfed crops.  
Th – Pan – N, S, E – fl&fr: x-xii  
V.N.: sawarco-guerle (fu); malofindo (md); psolo (mj); enchère (pp).
- Schizachyrium exile** (Hochst.) Pilg. (1917) 284  
Bas.: *Andropogon exilis* Hochst. (1844b) 241.  
Annual herb, in savannah woodland; also in rainfed crops and other disturbed places.  
Th – Pal – E – fr: x
- Schizachyrium platyphyllum** (Franch.) Stapf (1917) 188  
Bas.: *Andropogon brevifolius* var. *platyphyllum* Franch. (1895) 324.  
Perennial herb, in thicket, woodland, savannah woodland and wet grass savannah.  
Hem – AfT – N, S, E – fr: ix-xii
- Schizachyrium pulchellum** (Don ex Benth.) Stapf (1919) 203  
Bas.: *Andropogon pulchellus* Don ex Benth. (1849) 571.  
Perennial herb, in mangrove borders and coastal sands.  
Geo – GC – B – fl&fr: x, xii
- Schizachyrium rupestre** (K. Schum.) Stapf (1919) 204  
Bas.: *Andropogon rupestris* K. Schum. (1897b) 327.  
Perennial herb, in savannah woodland and wet grass savannah.  
Geo – AfT – N, S, E – fl&fr: viii-iv; fr: v
- Schizachyrium sanguineum** (Retz.) Alston (1931) 334  
Bas.: *Rottboellia sanguinea* Retz. (1783) 25.  
Perennial herb, in savannah woodland and wet grass savannah.  
Hem – Pan – N – fl&fr: xi
- Schizachyrium** cf. **urceolatum** (Hack.) Stapf (1917) 190  
Bas.: *Andropogon urceolatus* Hack. (1885) 115.  
Annual herb, in mangrove borders.  
Th – S – N – fl&fr: xi
- Setaria barbata** (Lam.) Kunth (1829) 47  
Bas.: *Panicum barbatum* Lam. (1791) 171.  
Annual herb, in forest, riparian forest and coastal sands; also in rainfed crops and other disturbed places.  
Th – Pan(AfT) – N, S, E, B – fl&fr: vi-x  
V.N.: n'tchacufalo, untchancufalo (ba); udetcholôe (fu); bara (md).  
An African species introduced into other tropical regions.
- Setaria geminata** (Forssk.) Veldkamp (1994) 377  
Bas.: *Panicum geminatum* Forssk. (1775) 18.  
Syn.: *Paspalidium geminatum* (Forssk.) Stapf (1920) 583.  
Perennial herb, in wet grass savannah and mangrove borders.  
Hel – Pan – S – fl&fr: vii
- Setaria megaphylla** (Steud.) T. Durand & Schinz (1894) 773  
Bas.: *Panicum megaphyllum* Steud. (1853) 53.  
Syn.: *S. chevalieri* Stapf ex Stapf & C.E. Hubb. (1930a) 842.  
Perennial herb, in forest clearings, woodland, riparian forest, palm groves and wet grass savannah.  
Hem – Pan – N, S, E, B – fl&fr: x-xii
- Setaria pumila** (Poir.) Roem. & Schult. (1817b) 891  
Bas.: *Panicum pumilum* Poir. (1816) 273.  
Syn.: *Panicum pallide-fuscum* Schumach. (1827) 58; *S. pallide-fusca* (Schumach.) Stapf & C.E. Hubb. (1930b) 259.  
Annual herb, in flooded rice fields, rainfed crops and other disturbed places.  
Th – Pan – S, E – fl&fr: vi-x  
V.N.: bulô-faró, buludé (fu); difim-difim (md).
- Setaria sphacelata** (Schumach.) M. B. Moss ex Stapf & C.E. Hubb. (1930a) 795  
Bas.: *Panicum sphacelatum* Schumach. (1827) 78.  
Syn.: *S. sphacelata* var. *sericea* (Stapf) Clayton (1979) 506.  
Hem – AfAm – N – fl&fr: viii  
Perennial herb, in wet grass savannah.

**Sorghastrum bipennatum** (Hack.) Pilg. (1938) 96

Bas.: *Andropogon bipennatus* Hack. (1885) 142.

Annual herb, in savannah woodland and wet grass savannah.

Th – AfAm – N, E – fl&fr: xi, xii

V.N.: búroide (fu).

**Sorghum bicolor** (L.) Moench (1794) 207

Bas.: *Holcus bicolor* L. (1771) 301.

Annual herb, cultivated in rainfed lands as cereal.

Th – Pan(S) – N, S – fl&fr: ix-xi

V.N.: buadóti (grão) (bf); midjo-cabal, milhocavalo (cr); basse-bassi, nham-quinto, quinterim (fu); bambaram-bassô (md).

Species autochthonous to the area, introduced and cultivated in some tropical regions.

**Sporobolus molleri** Hack. (1887b) 213

Annual herb, ruderal.

Th – AfT – S – fr: ix, x

**Sporobolus pectinellus** Mez (1921) 295

Annual herb, in savannah woodland.

Th – AfT – E – fl&fr: ix

**Sporobolus pyramidalis** P.Beauv. (1816) 36, t. 80

Perennial herb, in woodland, savannah woodland and wet grass savannah; also in flooded rice fields.

Hem – AfT – N, E – fl&fr: viii, ix

**Sporobolus robustus** Kunth (1831) 425

Perennial herb in wet grass savannah, mangrove and mangrove borders; also in flooded rice fields.

Hem – SGC – N, S, B – fl: viii; fl&fr: xi, xii; fr: x

V.N.: bam (ba); colaco (fl).

**Sporobolus tenuissimus** (Schrank) Kuntze (1898) 369

Bas.: *Panicum tenuissimum* Schrank (1822) 26.

Annual herb, in wet grass savannah; also in flooded rice fields.

Th – Pan – N – fr: xi

**Sporobolus virginicus** (L.) Kunth (1829) 67

Perennial herb, in mangrove, mangrove borders and coastal sands.

Geo – Pan – N, B – fl&fr: x

**Streptogyna crinita** P.Beauv. (1812a) 80, t. 16

Syn.: *S. gerontogaea* Hook.f. (1900) 301.

Perennial herb, in forest, woodland and riparian forest.

Geo – Pal – N, S, E – fl: xi; fl&fr: x-i

#### HYACINTHACEAE (LILIACEAE p.p.) – 4 genera; 7 species

FWTA 2nd ed. 3: 90–107 (included in the Liliaceae); EPFAT 3: 68–74; FIS 9: 413–440 (included in the Liliaceae).

A family of bulbous and rhizomatous herbs distributed in Africa, Eurasia and North America. The seven species in the country occur in woodland, savannah woodland and wet grass savannah.

**Albuca nigritana** (Baker) Troupin (1955) 231

Bas.: *Urginea nigritana* Baker (1873) 224.

Perennial herb, in savannah woodland.

Geo – SZ – E – fl: vi, fl&fr: vi; fr: vi

**Albuca sudanica** A.Chev. (1908) 93

Perennial herb, in savannah woodland.

Geo – S – E – fl: i; fl&fr: vi

**Dipcadi longifolium** (Lindl.) Baker (1870) 397

Bas.: *Uropetalum longifolium* Lindl. (1826) t. 974.

Perennial herb, in savannah woodland and wet grass savannah.

Geo – AfT – N, E – fl: vi; fl&fr: vi, vii

**Dipcadi viride** (L.) Moench (1802) 267

Bas.: *Hyacinthus viridis* L. (1759b) 984.

Syn.: *D. tacazezanum* (Hochst. ex A.Rich.) Baker (1870) 400.

Perennial herb, in wet grass savannah.

Geo – SZ – E – fl: vi

**Drimia altissima** (L.f.) Ker Gawl. (1808) t. 1074

Bas.: *Ornithogalum altissimum* L.f. (1781) 189.

Syn.: *Urginea altissima* (L.f.) Baker (1873) 221.

Perennial herb, in woodland.

Geo – S – N – fl: vi

**Drimia indica** (Roxb.) Jessop (1977) 272  
 Bas.: *Scilla indica* Roxb. (1814) 24; (1824) 147.  
 Syn.: *Urginea indica* (Roxb.) Kunth (1843) 333.  
 Perennial herb, in savannah woodland and wet grass savannah.  
 Geo – Pal – N, S – fl: v; fl&fr: vi

**Scilla sudanica** A.Chev. (1908) 94  
 Syn.: *S. picta* A.Chev. (1920) 657, nomen.  
 Perennial herb, in woodland.  
 Geo – S – E – fl&fr: vi  
 V.N.: bassalé-bonei (ff); uraracadja (md).

#### HYDROCHARITACEAE – 2 genera; 2 species

FWTA 2nd ed. 3: 5–9; EPFAT 3: 14–15; FIS 9: 391–395.

A cosmopolitan but mainly tropical family of aquatic herbs, in freshwater and marine habitats.

**Blyxa senegalensis** Dandy (1934) 42  
 Herb, probably annual, in temporary pools.  
 ThA – SG – E – fl: xii

**Ottelia ulvifolia** (Planch.) Walp. (1852) 510  
 Bas.: *Damasonium ulvaefolium* Planch. (1849) 81.  
 Perennial herb, in wet grass savannah and river beds; also in flooded rice fields.  
 Hyd – SG – N, E – fl: i-iv

#### HYPOXIDACEAE – 1 genus; 1 species

FWTA 2nd ed. 3: 170–174; EPFAT 3: 105–106; FIS 9: 397–399.

A family of rhizomatous or cormous herbs from Africa, America and tropical Asia.

**Curculigo pilosa** (Schumach. & Thonn.) Engl. (1908b) 353  
 Bas.: *Gethylis pilosa* Schumach. & Thonn. (1827) 172.  
 Perennial herb, in woodland and wet grass savannah.  
 Geo – AfT – N, S, E – fl: vi-xi  
 V.N.: kapel-guiré (fu).

#### IRIDACEAE – 2 genera; 4 species

FWTA 2nd ed. 3: 138–144; EPFAT 3: 87–96; FIS 9: 401–405.

A large cosmopolitan family of rhizomatous, cormous and bulbous herbs. The four species recorded in the country are found in palm groves, savannah woodland and wet grass savannah.

**Gladiolus dalenii** Van Geel (1829) unnumbered plate  
 Syn.: *G. primulinus* Baker (1890) 122; *G. psittacinus* Hook. (1830) pl. 3032; *G. quartini-anus* A.Rich. (1850) 306.  
 Perennial herb, in savannah woodland and wet grass savannah.  
 Geo – AfT – N, E – fl: vii, viii  
 V.N.: djabreguele (fu).

**Gladiolus unguiculatus** Baker (1877a) 178  
 Perennial herb, in wet grass savannah.  
 Geo – AfT – E – fl: vii

**Zygotritonia praecox** Stapf (1927) t. 3120  
 Perennial herb, in wet grass savannah.  
 Geo – S – E – fl: vi

**Gladiolus gregarius** Welw. ex Baker (1878) 268  
 Syn.: *G. klattianus* Hutch. (1936) 376, 379.  
 Perennial herb, in savannah woodland and palm groves.  
 Geo – AfT – N, E, B – fl: viii-xi; fr: xi-ii



## LEMNACEAE – 2 genera; 2 species

FWTA 2nd ed. 3: 127–129; EPFAT 3: 81; FIS 9: 409–412.

A small cosmopolitan family of small to minute aquatic herbs, free-swimming, floating or submerged.

**Lemna aequinoctialis** Welw. (1859) 578  
 Syn.: *L. paucicostata* Hegelm. (1868) 139, t. 8.  
 Annual aquatic herb, floating, in rivers and small lakes.  
 ThA – Pan – E, B

**Wolffia arrhiza** (L.) Horkel ex Wimm. (1857) 140  
 Bas.: *Lemna arrhiza* L. (1771) 294.  
 Annual aquatic herb, floating, in rivers.  
 ThA – Cos – L

## LIMNOCHARITACEAE – 1 genus; 1 species

FWTA 2nd ed. 3: 138–144; EPFAT 3: 87–96; FIS 9: 441–442.

A small family of annual and perennial aquatic and wetland herbs, widespread in the tropics and subtropics.

**Butomopsis latifolia** (D. Don) Kunth (1841) 165  
 Bas.: *Butomus latifolius* D. Don (1825) 22.  
 Syn.: *Tenagocharis lanceolata* T. Durand & Schinz (1894) 489; *T. latifolia* (D. Don) Buchenau (1869) 2.  
 Annual herb, in wet grass savannah, rivers and temporary pools.  
 ThA – Pal – E – fl&fr: i, xii; fr: xii

## MARANTACEAE – 3 genera; 3 species

FWTA 2nd ed. 3: 79–89; EPFAT 3: 39–41; FIS 9: 443–448.

A small family of rhizomatous and tuberous herbs, distributed throughout the tropics but chiefly in America.

**Marantochloa monophylla** (K. Schum.) D'Orey (1982) 52  
 Bas.: *Phyllodes monophyllum* K. Schum. (1892b) 440.  
 Syn.: *Phrynium holostachium* Baker (1898) 322; *M. holostachya* (Baker) Hutch. (1936) 338.  
 Perennial herb, on river banks.  
 Hel – GC – E – fl: v  
 V.N.: pôpôdje (fu).

Perennial herb, in forest ecotone and riparian forest.  
 Geo – GC – S – fl: vii; fr: iv

**Sarcophrynium brachystachyum** (Benth.) K. Schum. (1902) 36  
 Bas.: *Maranta? brachystachys* Benth. (1849) 531.

**Thalia geniculata** L. (1753) 1193  
 Syn.: *T. caerulea* Ridl. (1887) 132; *T. welwitschii* Ridl. (1887) 132.  
 Perennial herb, in wet grass savannah; also in flooded rice fields.  
 Hel – AfAm – N, S, E – fl: i, iv, vi, x; fr: xii  
 V.N.: sirane (ba); fafá (fo); n' t xenplálé (nl).

## NAJADACEAE – 1 genus; 2 species

FWTA 2nd ed. 3: 20–22; EPFAT 3: 19–20; FIS 9: 451–456.

A small monogeneric family of little aquatic submerged, annual or perennial herbs.

**Najas baldwinii** Horn (1950) 187  
 Annual herb, in rivers.  
 ThA – Pal – N, S – fl: xi

**Najas welwitschii** Rendle (1899) 95  
 Syn.: *N. affinis* Rendle (1900) 440.  
 Annual herb, in riparian forest and on river banks.  
 ThA – Aft – S – fl&fr: xii

## ORCHIDACEAE – 14 genera; 29 species

FWTA 2nd ed. 3: 180–276; EPFAT 3: 108–160; FIS 9: 457–506.

A very large family of terrestrial or epiphytic perennial herbs, cosmopolitan but more diverse in the tropical regions. Many orchids are cultivated as ornamentals. Among the 29 species recorded in the country, seven are epiphytes on trees, mainly in wet or shady places and the remaining occur in a wide range of habitats, as woodland, palm groves, riparian forest, savannah woodland and wet grass savannah as well as in flooded rice fields.

**Aerangis** cf. **biloba** (Lindl.) Schltr. (1915) 598  
Bas.: *Angraecum bilobum* Lindl. (1840) 69.

Perennial herb, epiphyte on trees, probably in woodland.

GeoE – GC – S

Species known only from bibliographic reference (Malaisse 1996).

**Calypstrochilum christyanum** (Rchb.f.)

Summerh. (1936) 450

Bas.: *Angraecum christyanum* Rchb.f. (1880) 806.

Perennial herb, epiphyte on trees, in woodland, savannah woodland, riparian forest and river banks, palm groves and mangrove borders.

GeoE – AfT – N, S, E, B – fl&fr: iv-vi; fr: i, vi, xii

V.N.: bupontotoiche (fs); satolède (fu).

**Cyrtorchis** cf. **arcuata** (Lindl.) Schltr. (1914) 596

Bas.: *Angraecum arcuatum* Lindl. (1837) 204.

Perennial herb, epiphyte on trees, in woodland, savannah woodland and on river banks.

GeoE – AfT – N, S – fl: v; fr: i

**Diaphanthe bidens** (Sw.) Schltr. (1914) 593

Bas.: *Limodorum bidens* Sw. (1805) 86.

Perennial herb, epiphyte on trees, in woodland and palm groves.

GeoE – GC – S – fl: v; fr: i

**Eulophia angolensis** (Rchb.f.) Summerh. (1958) 76

Bas.: *Cymbidium angolense* Rchb.f. (1865) 188.

Syn.: *E. lindleyana* (Rchb.f.) Schltr. (1900) 279.

Perennial herb, in wet grass savannah.

Geo – AfT – N, E – fl: viii, ix

**Eulophia caricifolia** (Rchb.f.) Summerh. (1936) 444

Bas.: *Lissochilus caricifolius* Rchb.f. (1877) 74.

Perennial herb, in wet grass savannah.

Geo – AfT – N – fl: viii, ix; fr: x

V.N.: entuntum-màrè (bj); bubudja (pp).

**Eulophia cristata** (Afzel. ex Sw.) Steud. (1840) 605

Bas.: *Limodorum cristatum* Afzel. ex Sw. (1805) 86.

Syn.: *Lissochilus heudelotii* Rchb.f. (1878) 63.

Perennial herb, in woodland and wet grass savannah.

Geo – AfT – S, E, B – fl: iv-vi

**Eulophia cucullata** (Afzel. ex Sw.) Steud. (1840) 605

Bas.: *Limodorum cucullatum* Afzel. ex Sw. (1805) 86.

Perennial herb, in wet grass savannah.

Geo – AfT – N, S, E – fl: viii

**Eulophia gracilis** Lindl. (1823) t. 742

Perennial herb, in riparian forest and palm groves.

Geo – AfT – N, S – fl: iv

**Eulophia horsfallii** (Bateman) Summerh. (1936) 442, 444

Bas.: *Lissochilus horsfallii* Bateman (1865) 5486.

Perennial herb, in wet grass savannah.

Geo – AfT – E – fl: vii

**Eulophia juncifolia** Summerh. (1958) 78

Perennial herb, in wet grass savannah.

Geo – G – N – fl: x

V.N.: contumom-ô (md).

**Eulophia leonensis** Rolfe (1897) 51

Perennial herb, in riparian forest.

Geo – SG – E – fl: vi

**Eulophia milnei** Rchb.f. (1881) 116

Perennial herb, in wet grass savannah.

Geo – AfT – E – fl: vii

**Graphorkis lurida** (Sw.) Kuntze (1891b) 662

Bas.: *Limodorum luridum* Sw. (1805) 87.

Perennial herb, epiphyte on trees, in savannah woodland and mangrove borders.

GeoE – GC – N – fl: ii, iv; fl&fr: ii

V.N.: entuntum-maré (bj); pontotoiche (= epiphyte) (fs).

- Habenaria buettneriana** Kraenzl. (1892) 68  
Perennial herb, in thicket, riparian forest and palm groves.  
Geo – G – S, E – fl: vii-xii; fl&fr: x
- Habenaria clavata** (Lindl.) Rchb.f. (1865) 180  
Bas.: *Bonatea clavata* Lindl. (1837) 208.  
Syn.: *H. holubii* Rolfe (1898) 249.  
Perennial herb, in wet grass savannah.  
Geo – AfT – E – fl: vii
- Habenaria genuflexa** Rendle (1895) 279  
Perennial herb, in wet grass savannah.  
Geo – AfT – N – fl: i, ix
- Habenaria huillensis** Rchb.f. (1865) 179  
Perennial herb, in flooded rice fields.  
Geo – GC/SZ – E – fl: vii
- Habenaria longirostris** Summerh. (1932) 192  
Perennial herb, in savannah woodland.  
Geo – S – E
- Habenaria zambesina** Rchb.f. (1881) 96  
Perennial herb, in riparian forest, palm groves and wet grass savannah.  
Geo – AfT – N, E – fl: viii, ix
- Liparis nervosa** (Thunb. ex Murray) Lindl. (1830a) 26  
Bas.: *Ophrys nervosa* Thunb. ex Murray (1784) 814.  
Perennial herb, in wet grass savannah.  
Geo – Pan – N – fl&fr: viii, ix
- Nervilia adolphi** var. **seposita** N.Hallé & Toilliez (1971) 460  
Perennial herb, in wet grass savannah.  
Geo – SZ – S
- Nervilia bicarinata** (Blume) Schltr. (1911) 405  
Bas.: *Pogonia bicarinata* Blume (1859) 152, t. 60.  
Syn.: *N. umbrosa* (Rchb.f.) Schltr. (1900) 274.  
Perennial herb, in woodland and riparian forest.  
Geo – Pal – N, E – fl: vi
- Oeceoclades maculata** (Lindl.) Lindl. (1833) 237  
Bas.: *Angraecum maculatum* Lindl. (1821) pl. 15.  
Syn.: *Eulophidium maculatum* (Lindl.) Pfitzer (1887) 88.  
Perennial herb, in riparian forest.  
Hem – AfAm – N – fr: xi
- Platycoryne paludosa** (Lindl.) Rolfe (1898) 256  
Bas.: *Habenaria paludosa* Lindl. (1862) 139.  
Perennial herb, in wet grass savannah.  
Geo – G – N, E – fl: vii, viii; fl&fr: viii
- Platylepis glandulosa** (Lindl.) Rchb.f. (1877) 62  
Bas.: *Notiophrys glandulosa* Lindl. (1862) 138.  
Perennial herb, along river margins.  
Cam – AfT – B – fl: iv
- Polystachya puberula** Lindl. (1825b) t. 851  
Perennial herb, epiphyte on trees, in woodland.  
HemE – G – S – fl&fr: v
- Polystachya saccata** (Finet) Rolfe (1918) 107  
Bas.: *Epiphora saccata* Finet (1911) 30, t. 2/13–20.  
Perennial herb, epiphyte on trees, on river banks.  
HemE – GC – S, E – fl: vi
- Zeuxine occidentalis** (Summerh.) Geerinck (1980) 122, f. 2  
Bas.: *Hetaeria occidentalis* Summerh. (1934) 206.  
Perennial herb, in woodland and savannah woodland.  
Hem – SGC – L

## PALMAE (ARECACEAE) – 7 genera; 7 species

FWTA 2nd ed. 3: 73–91; EPFAT 3: 99–104; FIS 9: 451–456.

A very large family of trees, shrubs and lianas, widespread in tropical to warm temperate regions. The seven spontaneous species in the country occur in a wide range of habitats: forest, woodland, palm groves, riparian forest, river banks, wet grass savannah and mangrove borders. The oil palm, *Elaeis guineensis* is cultivated for its fruits and its timber and sap are also used. Three other palms are also used: *Borassus aethiopicum* as timber in roofs, *Calammus deerratus* and *Raphia palma-pinus* to make furniture and handicrafts. *Hyphaene thebaica* and *Laccosperma secundiflorum* seem to be rare.

**Borassus aethiopum** Mart. (1838) 220

Tree in woodland and savannah woodland.

mPh – AfT – N, S, B – fr: iv

V.N.: bace (ba); buár (bf); eudá (bj); cibe (cr);  
dúbè, palmier-rônier, rônier (fc); dúbè (ff);  
cibedje (fu); cibô (md); n'bene, umbena (mj);  
buane, opane (pp).

**Calamus deerratus** G.Mann & H.Wendl. (1864) 429, t. 41

Climber, in riparian forest and on river banks.

mPhC – SGC – N, S, B – fl: i

V.N.: quitite (ba); bugál (bf); batanor (bj); man-  
tampa-de-sera (cr); tambin (fu); tambô (md);  
ecapate (mj); quito (pp).

**Elaeis guineensis** Jacq. (1763) 280, pl. 172

Tree, in forest, woodland, palm groves, riparian forest, wet grass savannah and mangrove borders; also cultivated by its fruits.

mPh – Pan(SGC) – N, S, E, B – fl: xi, xii;  
fl&fr: xii

V.N.: quem, ribe (ba); benintchi, bunintchi (bf);  
éarra, lara (bj); palmera (cr); palmier-à-huile  
(fc); tuguêih (ff); tem-em-eih (fu); tem-ô  
(md); mintchame (mj); n'quemê (pp); pal-  
meira de azeite, palmeira de óleo, palmeira  
déndém (pt).

This oil palm is introduced and cultivated in several tropical countries.

**Hyphaene thebaica** (L.) Mart. (1838) 226, t. 131–133

Bas.: *Corypha thebaica* L. (1753) 1187.

Syn.: *H. santoana* Furtado (1970) 457, t. 15–16.

Tree, in woodland.

mPh – SS – N – fr: i

V.N.: palmier-doum (fc); pórò, sétè (mn).

**Laccosperma secundiflorum** (P.Beauv.)

Kuntze (1891b) 729

Bas.: *Calamus secundiflorus* P.Beauv. (1805) 15, t. 9–10.

Syn.: *Ancistrophyllum secundiflorum* (P.Beauv.) G.Mann & H.Wendl. (1878) 230.

Climber, on river banks.

mPhC – G – S – fl: xi

V.N.: tambem-hadje (fu); tambindjom-ô, tam-  
bedjom (md).

**Phoenix reclinata** Jacq. (1801) 27, t. 24

Small tree, in riparian forest, wet grass savannah and mangrove borders.

mPh – AfT – N, S, E, B – fl: ii; fr: iv, xi, xii

V.N.: sarábá, sérquê (ba); buadiá (bf); mandjaca  
(bj); bêlin (fu); bam-ò, corossedjambo, có-  
róssó (md); bedjaca, m'jacai (mj); medjaca  
(pp).

**Raphia palma-pinus** (Gaertn.) Hutch. (1936) 388

Bas.: *Sagus palma-pinus* Gaertn. (1788) 27, t. 10.

Shrub, in palm groves and on river banks and mangrove borders.

mPh – G – N – fl: i, iv; fl&fr: xii

V.N.: darré (ba); ápél (singular), befén (plural)  
(cb); tara, tarra (cr); mambâmpa-tara (cs).

## PANDANACEAE – 1 genus; 1 species

FWTA 2nd ed. 3: 170; EPFAT 3: 104–105; FIS 10: 9–14 (working document).

A large family of trees, shrubs and climbers, paleotropical and paleo-subtropical. The only species found seems to be endemic to the country.

**Pandanus guineabissauensis** Huynh (1987) 140 — Fig. 14

Tree-like plant, along river banks.

Species known only in Guinea-Bissau.

mPh – GB? – S – fr: viii

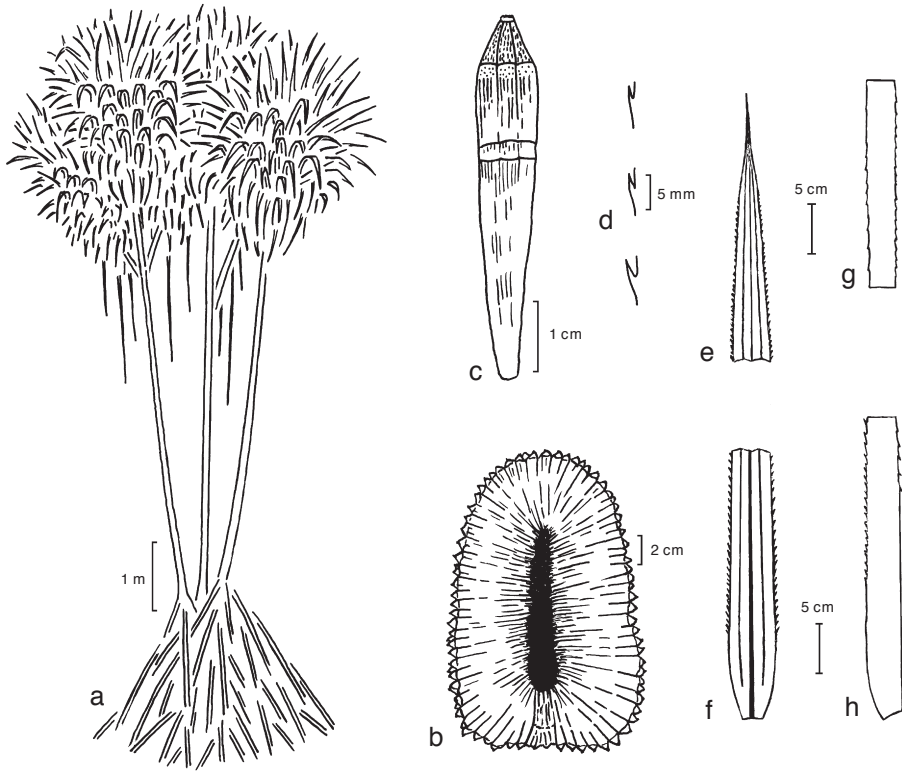


Fig. 14. *Pandanus guineabissauensis* Huynh. a. Habit; b. syncarp; c. unilocular drupe; d. marginal spines of the apical, medium and basal portions of the leaves; e. ventral side of the apical portions of a leaf; f. ventral side of the basal portions of a leaf; g. dorsal side of the medium portions of a leaf folded along the midrib; h. dorsal side of the basal portions of a leaf folded along the midrib (all: *Espírito Santo 2156*, LISC). — Drawn by H. Abreu.

PONTEDERIACEAE – 3 genera; 3 species

FWTA 2nd ed. 3: 108–111; EPFAT 3: 74–75; FIS 10: 491–495 (working document).

A small pantropical family of rhizomatous floating, floating-leaved or emergent freshwater aquatic herbs.

***Eichhornia natans*** (P.Beauv.) Solms (1882)  
254

Bas.: *Pontederia natans* P.Beauv. (1810) 18,  
t. 68.

Perennial herb in wet grass savannah, rivers and  
small lakes; also in flooded rice fields.

Hyd – AfT – N, S, E – fl: vi–ii

***Heteranthera callifolia*** Rchb. ex Kunth (1843)  
121

Perennial herb, in rivers.

Hyd – AfT – N – fl: x, xii

***Monochoria brevipetiolata*** Verdc. (1961) 81,  
t. 9–10

Syn.: *M. vaginalis* var. *plantaginea* sensu Hutch.  
& Dalziel (1936) 354, non Solms.

Perennial herb, in wet grass savannah and tem-  
porary pools.

Hyd – SGC – L – fl: viii–xii

V.N.: udoendo (md).

## SMILACACEAE – 1 genus; 1 species

FWTA 2nd ed. 3: 111–112; EPFAT 3: 75; FIS 10: 503–505 (working document).

A family mainly of climbing shrubs, widespread in tropical to temperate regions.

**Smilax anceps** Willd. (1806) 782

Syn.: *S. kraussiana* Meisn. (1845) 312.

Small woody climber, in woodland, savannah woodland and palm groves.

mfanL – AfT – N, S, E, B – fl: vi; fr: ix-xii

V.N.: p'titinane (ba); bum-hawet grass savannah (bf); sumbus (cs); n'arara, um-arara (md).

## TACCACEAE – 1 genus; 1 species

FWTA 2nd ed. 3: 176; EPFAT 3: 107; FIS 10: 507–509 (working document).

A small pantropical family of rhizomatous or tuberous herbs.

**Tacca leontopetaloides** (L.) Kuntze (1891b) 704

Bas.: *Leontice leontopetaloides* L. (1753) 313.

Perennial herb, in savannah woodland, wet grass savannah and coastal sands; also in rainfed crops.

Geo – Pal – N, E, B – fr: vii-x

V.N.: djambadjoloma (bf).

## TYPHACEAE – 1 genus; 1 species

FWTA 2nd ed. 3: 129–131; EPFAT 3: 82; FIS 10: 511–513 (working document).

A small family of aquatic or wetland rhizomatous herbs, almost cosmopolitan.

**Typha domingensis** Pers. (1807) 532

Syn.: *T. australis* Schumach. & Thonn. (1827) 401.

Perennial herb, in wet grass savannah and temporary pools.

Hel – Cos – N, B – fl: iv; fr: v

V.N.: bogo-tugdo, lussumonhe, umpam-ham (ba); mampufa-matcho (cr); cólimò (ff); madjú-utéque (mc); bacancum-ò (md); omáia, piòme (pp).

## XYRIDACEAE – 1 genus; 6 species and varieties

FWTA 2nd ed. 3: 51–55; EPFAT 3: 28–30; FIS 10: 515–522 (working document).

A small family of herbaceous marsh plants, widespread in the tropical and subtropical regions.

**Xyris anceps** Lam. var. **anceps** (1791) 132

Annual herb, in wet grass savannah.

Hel – AfT – N, S – fl&fr: i

**Xyris anceps** var. **minima** (Steud.) Lock

(1998) 890

Bas.: *X. minima* Steud. (1855) 288.

Annual herb, in wet grass savannah, on river banks and mangrove borders; also in flooded rice fields.

Hel – AfAm – N, S, E – fl: xii-ii; fl&fr: xi-iv

**Xyris capensis** Thunb. (1794) 12

Syn.: *X. rubella* Malme (1912) 303.

Annual herb, in wet grass savannah and temporary pools.

Th – AfT – N – fl: x

**Xyris decipiens** N.E.Br. (1897b) 3

Perennial herb, in wet grass savannah and temporary pools.

Hel – AfT – N, E, B – fl: x, xi; fl&fr: ix; fr: i

**Xyris filiformis** Lam. (1791) 132

Perennial herb, in wet grass savannah and temporary pools; also in flooded rice fields.

Hel – G – N, S, B – fl: x-i; fr: v

**Xyris straminea** L.A.Nilsson (1891) 153

Annual herb, on river banks.

Hel – AfT – E – fl: xii

## ZINGIBERACEAE – 2 genera; 4 species

FWTA 2nd ed. 3: 69–79; EPFAT 3: 35–39; FIS 10: 527–539 (working document).

A large pantropical family of rhizomatous perennial herbs, most of them found in the understorey of forests and woodlands. One of the five autochthonous species is probably cultivated and the others occur in woodland and savannah woodland.

**Aframomum alboviolaceum** (Ridl.) K. Schum. (1904) 207

Bas.: *Amomum alboviolaceum* Ridl. (1887) 130.

Perennial herb, in woodland and savannah woodland.

Geo – AfT – S – fr: vi

V.N.: bussondjá (the plant), mantchondja (the fruit) (bf); belencufa (cr), belancufô (md).

Given the resemblances between the species of this genus, the vernacular names of each one can probably be applied to the others.

**Aframomum rostratum** K. Schum. (1904) 215

Perennial herb, in woodland and savannah woodland.

Geo – G? – N, S – fl: ii

V.N.: férene (ba); belencufa (cr); dadigôgo (ff); dadigôgô (fu); brene (mc); balencufa, belencufô (md); beumbam, buhuma, bu-rima (mj); mabobé (nl); brumbrum (pp); bôbô (ss).

**Aframomum sceptrum** (Oliv. & Hanb.)

K. Schum. (1904) 214

Bas.: *Amomum sceptrum* Oliv. & Hanb. (1864) 109.

Perennial herb, in woodland and savannah woodland.

Geo – GC – E – fl: vi

V.N.: bussondjá (whole plant), mantchondja (fruit) (bf); belencufa (cr), belancufô (md).

**Siphonochilus aethiopicus** (Schweinf.)

B.L. Burtt (1982) 372

Bas.: *Cienkowskia aethiopica* Schweinf. (1867) t. 1.

Syn.: *Kaempferia aethiopica* (Schweinf.) Ridl. (1887) 131.

Perennial herb.

Geo – SZ

V.N.: gôgôdje-bade (fu).

Species known only from bibliographic reference (Espírito Santo 1963).

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