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 Dicotyledons from 107 families, and 396 taxa of Monocotyledons 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’habitats, les habitats, la chorologie, le type biologique de Raunkiaer, la phénologie et les noms vernaculaires si connus.

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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.

**GRÉSOM**

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 km². 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.
Because water flow has a strong dependence on rainfall, the fresh watercourses show a seasonal flow regime, classified as tropical pluvious (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. *elliotii*, *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 *Baissaea 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 albida* 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 aethiopum* 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 *Polycarpaea tenuifolia*.

There are several communities of aquatic and wetland vegetation in rivers, streams, small lakes and temporary pools, mostly in the mainland. *Anhorestema 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 dominancy 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 Börge Peterson, and the Guinean technicians Quintino Bancesshi, 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 where 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** – Enumération 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.
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 aquatic, (e.g. *Lemma* 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
   - **AAT**: 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-Zambezian – species occurring in the Guineo-Congolian and Sudano-Zambezian phytogeographic regions;
   - **GZ**: Guineo-Zambezian – linking element between the Guinean sub-region and the Zambezian 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-Zambezian – linking element between the Sudanian and Zambezian 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-Zambezian 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 Bimombo administrative regions in the North; the Quinara 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 |
| bb | bambará | fl | felupe |
| bf | biafada | fr | fula foro |
| bn | banhum | fs | Senegalese felupe |
| bj | bijagó | fu | fula |
| bm | balanta-mané | ja | jacanca |
| cb | cobiana | mc | mancanha (brame) |
| cr | creole | md | mandinga |
| cs | creole – from Senegal Flora | mj | manjaco |
| fc | french | mn | mansoanca (cunante) |
|   |   | nl | nalu |
|   |   | oi | oinca |
|   |   | pj | padjadinca |
|   |   | pl | pelâè |
|   |   | pp | papel |
|   |   | pt | portuguese |
|   |   | sr | saracolé |
|   |   | ss | sosso |
|   |   | su | surará |
|   |   | 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 pants 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. pedunculosum* 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

*Platycerium 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 mangrove borders.
Geo – Pan – N, S, B – sp.: v–x
V.N.: n’róitch (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) 162
Bas.: *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

**SELAGINELLAECAE** – 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) 338
Bas.: *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) 268
Bas.: *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–xii; 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 (1831) 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 heudebotiana (Nees) Kuntze (1891b) 486  
Bas.: Calophanes heudebotianus 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); eloláé (fl); interfur, lóbóte (fu); n’ton-sade (nl); bechete, lóbóte (pp).  

Hygrophila barbata (Nees) T. Anderson (1863) 22  
Bas.: Physicillus 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 brevithula (Burkill) Heine (1962) 176  
Bas.: Synnema brevithula Burkill (1899) 30.  
Syn.: Cardanthera parviflora Turrill (1914) 82.  
Annual herb, in wet grass savannah.  
Th – G – N, E – fl&fr: xii  

Hygrophila odora (Nees) T. Anderson (1863) 22  
Bas.: Polychaem odorum Nees (1847) 83.  
Annual herb, on river banks.  
Th – G – N, S, E – fl: ii, iii; fl&fr: v  

Hygrophila pobeguinii 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.: Physicillus senegalensis Nees (1847) 81.  
Annual herb, in savannah woodland, wet grass savannah, on river banks and temporary pools; also in flooded rice fields.  
Th – G – 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. rostelarioides* 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.: *Rostellaria tenella* Nees (1847) 369.
Syn.: *Rostellaria 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* Boenoist (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.: massinquentissá (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.: benvedö (ff).

*Lepidagathis heudelotiana* Nees (1847) 254
Syn.: *L. sericea* var. *hirta* Boenoist (1911) 155.
Perennial herb, in savannah woodland and herbaceous steppe of the lateritic cuirasses.
Hem – SG – E – fl: ix, xii; fr: i

*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, untú-túbè (ba); sal-de-búfalo (cr); sal-di-baka (cs); dépê-farô (fu); nhici-cumbalium (md).

*Phaulopsis barteri* T.Anderson (1863) 27
‘Phayllopis’
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 savannas, 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, brêdo (cs); bôrbôrô (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); dalônka-de-kamiño (cs); enhade (fs).

Cesposia argentea L. (1753) 205
Annual herb, ruderal; it seems to be cultivated and sub-spontaneous.
Th – Pan(AfT) – S, E – fr: xi

Cesposia 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, bôrbôrô-déo (fu); boro-boro (md); bore-bore (td).

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, bôrbôrô-déo (fu); boro-boro (md); bore-bore (td).

Cyathula cf. pobequinii 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: xi-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.

1 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); cadjúde (fu); cadjúo (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.

Lannea acida A.Rich. (1831) 154
Syn.: Odina acida (A.Rich.) Oliv. (1868) 446.
Small tree, in woodland and savannah woodland.
mph – S – N, S, E, B – fl: ii, iii; fr: iv
V.N.: dôto (ba); mantede (cr); ututene (fs); bembedjá, bembem-hei, tchingole (fu); bembô (md); betôlôdjé (pp).

Lannea nigritana (Scott-Elliot) Keay (1956a) 204
Bas.: Odina nigritana Scott-Elliot (1894) 75.
Syn.: L. afzelii Engl. (1898) 494.
Small tree, in woodland and savannah woodland.
mph – SGC – N, S, E – fl: ii, iii; fr: iv–vi
V.N.: mantede (cr); bembedje, bembem-hei, tchingole (fu); bembô (md); betôlôdjé (pp).

Lannea velutina A.Rich. (1831) 154, t. 42
Syn.: Odina velutina (A.Rich.) Oliv. (1868) 447.
Small tree in woodland and savannah woodland.
mph – SG – N, S, E – fl: ii–v; fl&fr: iii, iv; fr: iv–vi
V.N.: dôôô (ba); bembéi, dembei, mantede (cr); bembedjé, bembéi, bembem-hei, tchucô, tchingole (fu); bembô (md); betôlôdjé (pp).

1 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); marcó (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’riuol (ba); aionque (bj); balébári (the fruit), undébári (planta) (cb); coxolourô, cupote-cxolourô (fs); sandje-bombo, sandji-bombo (fu); lagari (mj); n’taluass, n’tcháliás, unxlábniss (nl); n’tata, unntata (pp); ambilile (td).

**Spondias mombin** L. (1753) 371
Tree or shrub in woodland, savannah woodland, riparian forest and palm groves.

**ANCISTROCLADACEAE** – 1 genus; 1 species

**Ancistrocladus barteri** Scott-Elliot (1894) 73
Woody climber or shrub, in forest and woodland.

**ANNONACEAE** – 9 genera; 16 species and subspecies

**Annona glauca** Schumach. & Thonn. (1827) 259
Small shrub, in wet grass savannah and coastal sands.

**Annona senegalensis** subsp. **oulotricha** Le Thomas (1969) 100
Shrub in woodland and savannah woodland; also in disturbed areas.

**Annona senegalensis** Pers. subsp. **senegalensis** (1806) 95
Shrub, in savannah woodland and coastal sands.

**Artabotrys velutinus** Scott-Elliot (1894) 71
Shrub in forest edges, woodland, savannah woodland, palm groves and on river banks.

**cf. Cleistopholis patens** (Benth.) Engl. & Diels (1901) 35, t. 12/D
Bas.: **Oxymitra patens** Benth. (1862a) 472, t. 51.
Tree, in palm groves.

**Hexalobus crispiñorus** A.Rich. (1845) 43
Tree, in riparian forest and along river banks.

**Hexalobus monopetalus** (A.Rich.) Engl. & Diels (1901) 56, t. 20/B
Bas.: **Uvaria monopetala** A.Rich. (1831) 8, t. 2.
Shrub or small tree, in woodland, savannah woodland, palm groves and on river banks.

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

R.E.Fr. (1955) 37
Bas.: *Uvaria elliotiana* Engl. & Diels (1901) 28.
Shrub, in riparian forest.

**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.

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

**Monodora myristica** (Gaertn.) Dunal (1817) 80
Bas.: *Annona myristica* Gaertn. (1791) 194, t. 125.
Shrub or tree, in forest edges and riparian forest.

**Monodora tenuifolia** Benth. (1861) 72
Small tree or shrub, in riparian forest and on river banks.

**Uvaria chamae** P.Beauv. (1816) 42, t. 83, f. 2
Shrub or liana, in woodland, savannah woodland and palm groves.

**Uvaria chamae** P.Beauv. (1816) 42, t. 83, f. 2
Shrub or liana, in woodland, savannah woodland and palm groves.

**Uvaria chamae** P.Beauv. (1816) 42, t. 83, f. 2
Shrub or liana, in woodland, savannah woodland and palm groves.

**Xylopia acutiflora** (Dunal) A.Rich. (1845) 55
Bas.: *Unona acutiflora* Dunal (1817) 116, t. 22.
Small tree, in woodland.

**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.

**Xylopia longipetala** De Wild. & T.Durand (1899) 4
Syn.: *Uvaria parviflora* A.Rich. (1831) 9, t. 3; *X. vallotii* Chipp ex Hutch. & Dalziel (1927) 53.
Shrub, in woodland, savannah woodland, riparian forest and on river banks.

**Xylopia longipetala** De Wild. & T.Durand (1899) 4
Syn.: *Uvaria parviflora* A.Rich. (1831) 9, t. 3; *X. vallotii* Chipp ex Hutch. & Dalziel (1927) 53.
Shrub, in woodland, savannah woodland, riparian forest and on river banks.

**Xylopia longipetala** De Wild. & T.Durand (1899) 4
Syn.: *Uvaria parviflora* A.Rich. (1831) 9, t. 3; *X. vallotii* Chipp ex Hutch. & Dalziel (1927) 53.
Shrub, in woodland, savannah woodland, riparian forest and on river banks.

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); cudjéssé, quessum (bj); tagara, tagarra (cr); léguère (ff); bantam-forô (fu); betacarre (mc); bantam-forô (md); bidjéssé (mj); batâguar (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 – fl: ii-viii; fl&fr: vi; fr: xi-ii
V.N.: bripatche (ba); ete-éri (bj); machaló (fs); charra-quadjé, endama, rubitchi, tcharaquadje, tchoraquí (fu); bedufe, bedufi, bidufe (mc); tcharicô (md).

Hunteria umbellata (K.Schum.) Hallier f. (1900) 190
Bas.: Carpodinus umbellata K.Schum. (1896a) 221.
Syn.: Polyadaa eliottii Stapf (1902) 104; H. eliottii (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.
Landolphia heudelotii A.DC. (1844) 320
Shrub or woody climber, in woodland, savannah woodland, riparian forest and palm groves.
mph/mPhC – GC – N, S, E, B – fl: x; fr: xii, ii
V.N.: impequeque, nanhala, nanhale (ba); erocado, noropod (bj); cibode, folé, mambimba (cr); suncutó-foléo (md); becute, blambô (mj); ubimba, ucinima (pp); codudô (sr).

Landolphia hirsuta (Hua) Pichon (1953b) 193, t. 9, 14
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); folé (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 – ApT – N, S – fl: iii
V.N.: folé-elefante, folé-de-elefante (cr); mentá (mj); lamúquè (ff); lamúdè (fu); cabádjô (md).

Oncinotis nitida Benth. (1849) 451
Woody climber, in woodland and riparian forest.
mphC – SG – S – fl&fr: viii; fr: xii

Pleocarpa 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 – ApT – N, S, E, B – fl: v, x, xii; fl&fr: iv, x; fr: i, vii, 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 flora Benth. (1849) 444; S. flora (Benth.) Bullock (1959) 391.
Woody climber, in woodland, palm groves and mangrove borders.
mPhC – ApT – 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.: bióca (bf); capdjone (bj); folé, folé-de-elefante, folé-elefante, 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.: getsele, n’dénglê, undénglê (ba); malila (= trepadeira), malila-de-cabelo (cr); quindêbode, toque (ff); butchamai (fs); murtaqê, quindembode (fu); bunenco, biétê (mc); dâfê (nl); fanhadje-ûri (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 – SG – N, S, E, B – fl: xi-vi; fl&fr: iii; fr: iii, x, xii
V.N.: teme (ba); manate (bj); ranud (es); quindé (ff); uraumau (fl); fufembe-ëule, fumabó (fs); bodje, manca-anadje (fu); biéte (mc); solenambô (md); mambahane (pj); n’âpè, um-âpè (pp); tibalâé (nl).

_Tabernaemontana africana_ Hook. (1825)
Syn.: _T. longiflora_ Benth. (1849) 447; _Conopharyngia longiflora_ (Benth.) Stapf (1902) 141.
Shrub, in forest, woodland and riparian forest.

_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.

_ARISTOLOCHIACEAE – 1 genus; 1 species_

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

_A 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.

_ARCLEPIADACEAE – 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.

Species known only from bibliographic reference (Malaisse 1996).

_Voacanga africana_ Stapf ex Scott-Elliot (1894) 87
Small tree or shrub, in forest, woodland, savannah woodland and palm groves.

_Voacanga thouarsii_ Roem. & Schult. (1819) 439
Syn.: _V. obtusa_ K.Schum. (1895a) 149.

Small tree, in woodland and riparian forest.

_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.: baguenoune, n’oolininhe, um-oilm-nhe (ba); bombardeira, bombardera (cr); bombero, bordóu (cs); belápsé (fl); pama (fu); belápsê (mc); cumpampam-ô, pampam, pópó-hô, tchimpampam (md); ufô, ufô (pp); bussuma (ss).

Ceropogia nigra N.E. Br. (1895a) 261
Perennial herb, in savannah woodland and riparian forest.
Geo – G – S, E – fl: viii; fr: x

Ceropogia peulhorum A.Chev. (1909a) 118
Perennial herb, in savannah woodland and riparian forest.
Geo – SG – N, S – fl: vii, xi

Ceropogia racemosa N.E. Br. (1895a) 262
Perennial herb, in savannah woodland.
Geo – AfT – N, S, E – fl: viii; fl&fr: ix; fr: 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.: butnacimboro, mansahane (ba); funhalunco (fs); cuntesse, porecududo (fu); cuntesse (md); bumbine, bumbipe (mj).

Cynanchum longipes (Meisn.) Schltr. (1895a) 10
Bas.: Cynanchum hastatum Pers. (1805) 273.
Small woody climber, in woodland, savannah woodland and coastal sands; also ruderal.
mphC – GC – N, S, E – fl: xii; fr: iv; v
V.N.: enrocodé, inrokdé, n’rocdè (ba); cibode (cr), sapaté (cs); fudjerauf (fs); djambo-so-redjé, safaro, safarodje (fu); bë-thácære (mc); mbafecabuduco (nl); bissacra (pp).

Dregea crinita (Oliv.) Bullock (1957) 519
Bas.: Marsdenia crinita Oliv. (1891) t. 1993.
Small woody climber, in forest.
mphC – GC – S – fl: vi

Dregea lineolata (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 – fl: vi; fl&fr: vi
V.N.: insónda (ba); dafè (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 (bj); 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); nhandurrapo (bj); sapatè (cr);
manacahaneidje, saparô (fu).

**Tylophora oculata** N.E.Br. (1895b) 112
Herbaceous climber, in woodland.
GeoC – GC – S
Species known only from bibliographic reference (Malaisse 1996).

AVICENNIAEAE – 1 genus; 1 species

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

A moneneric 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.: iój, petá (ba); bufendê (individual plant), m’pendê (population) (bf); cobaca, cudjuno (bj);
behelm, üle (cb); tarrafê, tarrafa (cr); cabêço, camangacú (fl); üle (mc); djibicum, tarafo (md);
pebadje, pûle (mj); iófo (nl); búle (pp).

BALANITACEAE – 1 genus; 1 species

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

A moneneric 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-ix; fl&fr: xi; fr: iv
V.N.: boloitche (ba); n’állè (um-hálè) (fu).

**Newbouldia laevis** (P.Beauv.) Seem. (1863) 226
Bas.: *Spathodea laevis* P.Beauv. (1805) 47, 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); sucúndè (ff); fugumpa (fs); canhómmburi (fu); bécuape (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, suncúndè (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-sérú (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.

**1 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); djafaraná (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.

*V.* L.: latê (ba); uato (bj); cabaceira, cabacera, calabacera (cr); baobab, pain de singe (the fruit) (fr); bóê (fu); bedom-hal, burungule-burúnque (mc); citô (md); bebâque, bedom-hal, brungal (mj); m’béke (nl); burungule (pp); cabaceira, cabalacera (pt); kiri (ss).

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

*V.* N.: bumbum, buúforè (ba); brêgue (bf); cob-bê, fromager (bj); poilao, poilon, polóm (cr); santanhe (ff, fu); pentene (mc); bantam-ô (md); péntia (mj); m’bath (nl); metchene, n’tene, untene (pp).

**Bombax costatum** Pellegr. & Vuillet (1914) 88
Tree, in woodland and savannah woodland.

*V.* L.: bumbim, buúfor (ba); brêgue (bf); polóm-fidalgo, polóm-fôro, sumauma (cr); djóia, djóê (ff); djóia, djóê, luncum (fu); belofa (mc); buncum-ô (md); djóia, belofa (mj); ulófo (pp).

**Bombax costatum** Pellegr. & Vuillet (1914) 88
Tree, in woodland and savannah woodland.

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

**Ceiba pentandra** (L.) Gaertn. (1791) 244
Bas.: *Bombax pentandrum* L. (1753) 511.

**Cordia myxa** L. (1753) 190
Small tree, in savannah woodland and riparian forest.

**Heliotropium baclei** dC. & A.dC. (1845) 546
Annual herb, in wet grass savannah; also in flooded rice fields and in disturbed areas.

**Heliotropium indicum** L. (1753) 130
Annual herb, in wet grass savannah and temporary pools; also ruderal.

**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-vii; fl&flr: vi, vii

**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. mPh – Pan – E – fl: vi, xii; fr: v

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.

**Coldenia procumbens** L. (1753) 125
Annual herb, in wet grass savannah; also in flooded rice fields.

**Heliotropium ovalifolium** Forssk. (1775) 38
Perennial herb, in coastal sands.

**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-vii; fl&flr: vi, vii

**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. mPh – Pan – E – fl&fr: ii, vii; 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 erythrocarpus* 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) 671
Syn.: *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&fr: vii; fr: viii

*Cratæva adansonii* DC. subsp. *adansonii* (1824) 243
Syn.: *Cratæva 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 azelii* Pax (1891) 299.
Shrub or small tree, in forest, woodland and along river banks.
mPh – SGC – S – fl: xi-iv; fl&fr: iv; fr: iv-vi
V.N.: maéf, maief (nl).

*Ritchiea capparoides* (Andrews) Britten var. *capparoides* (1917) 279
Bas.: *Cratæva 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); nocunudo (bj); bussámæba (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) 129  
Bas.: Achyranthes corymbosa L. (1753) 205.  
Annual herb, in savannah woodland and herba- 
ceous steppe of the lateritic cuirasses; also in rainfed crops.  
Th – Pan – E – fl: x; fl&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&fr: ix-xii; fr: i  
V.N.: mama-cuncoe (pj).

Polycarpaea glabrifolia DC. (1828) 374  
Annual herb, in coastal sands.  
Th – G – N – fl&fr: xii

Polycarpaea linearifolia (dC.) dC. (1828) 374  
Bas.: 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) 374  
Bas.: Achyranthes tenuifolia Willd. (1798) 1196.  
Annual herb, in savannah woodland and herba- 
ceous steppe of the lateritic cuirasses.  
Th – AfT – S, E – fl: viii-ii

Polycarpone prostratum cf. var. littorale J. & A.Raynal (1967) 310  
Perennial herb, in small lake margins.  
Hem – S? – B – fl: v

Polycarpone prostratum (Forssk.) Asch. & Schweinf. ex Asch. var. prostratum (1889) 128  
Bas.: Alsine prostrata Forssk. (1775) 207.  
Perennial herb, in wet grass savannah, on river 
banks and temporary pools; also in the mar- 
gins of flooded rice fields.  
Hem – Pan – N, S, E, B – fl: v-vii; fl&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.: Dictanostachys 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 HIPPOCRAEACEAE) – 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) 403  
Bas.: Hippocrotea 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) 100  
Bas.: Hippocrotea 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&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.: guel-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 woodland, savannah
woodland, riparian forest and palm groves.
mPh/mPhC – Pal – N, S – fl: v; vii; fr: i, ii

Salacia debilis (G.Don) Walp. (1842) 402
Bas.: Calypso 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.: Calypso 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); emo,
lejdjéda, neguéda (the fruit), nepo (the fruit)
(bj); mancuba, mançubaru, mancubaru,
manubam, mèzinho-grande, momboli (cr);
mânkobând (cs); fugene, futchuncorô (fs);
porécudó, suncôrô-fôlê, ulbo (fu); sun-
curô-fôlê (md); becuba, beçubaru, beçubamu,
mangârâs (nd).
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, têhè (ba); bufâng-gha (bf); nóre-rórôdô, nororodo, oroddô (bj); mampatace-grande, tamankumba, tambacumba (cr); cura-bussuma (ff); bio, quiô (the fruit) (ff); batè (fs); curanaco, nando, náudo (fu); bénôbénô, bitiague, menau (mc, mj); tambacumba (md); mavéu (nl); bansumá (ss).

Parinari consensis 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 – 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, mampatat (cr); cura (ff); bionai (fs); cura, curanaco (fu); minquela (mc); mampatá (md); bitchalam, n’tchalame (mj); lút (nl); minquelma (pp); sugé (ss); atchaguesse (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); djândêrè (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); djândêrè (ff); djândêrè, tirbom (fu); borbâ (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. ghassalense 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.: djambacatá (bf); bané, djambacatam (fu); djambacatá (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) 22
Syn.: C. hypopilinum Diels (1907) 497.
Shrub or small tree, in savannah woodland.
mph – SG – E – fl: ii

Combretum conchipetalum Engl. & Diels (1899) 73
Woody climber, in riparian forest.
mPhC – GC – N, S, E – 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.: djambacatam (ff).

Combretum grandiflorum G. Don (1824) 346
Woody climber, in forest, 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); malilia-d’água (cr); djambacatam (ff); djacumâe, pelae-djacakumâe (fl); cundjamburô (fu); djacumâe (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.: píoririem (ba); contcham-tchalon (= birds wine) (fu); condundidlo, cundundimô (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.: bsâlô, p’angala (ba); upatocuma (bj); buco, café, café-bravo, chá-de-buco (cr); bôk, bu-ôk, kinkêlib, (cs); cancâliba (ff); buchicabu (fl); butique (fs); canquelibá, quem-quelebá, tade (fu); buoque (mc); barcolomô, cancâlibá (md); buco (mj); n’babass (nl); buêco (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.: iâri-sâfi-bátê (ff).

Combretum nigricans var. elliotii (Engl. & Diels) Aubrêv. (1944) 30
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); buida, dodje-gôrê, üidê (fu); djambacatamô (md); atchetelogon, tchelogom (td).

Combretum nigricans var. nigricans (1833) 290
Small tree or shrub, in woodland.
mph – S – E – fr: i
V.N.: cancâlibá (md).

Combretum nioroense Aubrêv. 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-iv; 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: ii; 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.  
mPh/mC – SG – N, S, E, B – fl: i-iv; fl&fr: iv, vi; fr: v  
V.N.: iâri-sâfî (ff); canquelibâ-déo (fu); masoko (nl); ulô (pp).

Conocarpus erectus L. (1753) 176  
Shrub in mangrove and mangrove edges.  
mph – AfAm – N, S, B – fl: i, ii; 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.: biôcè, bionsi, biussi, iuci (ba); budôssosse (bf); carrere (bj); badô-dôce, badodosso, badôsdôce, badôsdôsso, paundoce (cr); babodos, badosdos, bu-rusu (cs); elôcô (fl); fufumuco (fs); elode, guêlodi, helôcô, (fu); bisse-nhatam, bissom-aptchom, bitchiante (mc); bissem-antchom, bissilintche, bitchiante (mj); manafenafêm, ntâfine (nl); mamoiko (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.: côngé (ba); bufendê (plant), m’pendê (population) (bf); tarafe, tararafê-preto (cr); cabaguela, cahaguela (fl); pêque (mj); n’concom, unconcom (nl); bêque, 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-iv  
V.N.: cabuto (bj); furanfâ (fs); sirafitom (md); n’tangunha (nl).

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

Terminalia laxiflora Engl. & Diels (1900) 12, f. 2/B  
Tree or shrub, in woodland and savannah woodland.  
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); bôde, bôi (fu); bolobô (mc); hólô-fôro (md); betáli, betcháli, betêlêde, braqui, tôlêjê (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-iv; fl&fr: iv, vi; fr: iv-x  
V.N.: cabor, epadum (bj); salangue (cr).
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 seem 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.

**I Acanthospermum hispidum** DC. (1836) 522
Annual herb, adventive in flooded rice fields, rainfed crops and other disturbed areas.

**Aspilia africana** (Pers.) C.D. Adams subsp. africana (1956) 236
Bas.: *Wedelia africana* Pers. (1807) 490.
Annual herb, in savannah woodland.

**Bidens borianiana** (Sch.Bip. ex Hochst.) Cufod. (1967) 1136
Annual herb in woodland and on river banks.

**Bidens engleri** O.E.Schulz (1914) 186
Annual herb, in woodland, riparian forest, palm groves and on river banks; also in rainfed crops.

**Blumea axillaris** (Lam.) DC. (1836) 434
Annual herb, in woodland, riparian forest, palm groves and on river banks; also in rainfed crops.
Annual herb, in rainfed crops. (Probably also in savannah woodland.)

Th – G – N – fl: i

**Blumea crispata** (Vahl) Merxm. ex Merxm. & Roessler var. **crispatha** (1984) 7
Bas.: *Conyza crispatha* Vahl (1790) 71.
Syn.: *Laggera alata* (d.don) Sch.Bip. & 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, ompempene (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 – Pan – 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 – 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.: Vicia leptocladia (Webb) Dandy ex F.W.Andrews (1956) 62; Vicia indica (L.) DC. (1834) 10.
Annual herb, in woodland and savannah woodland; also in flooded rice fields.
Th – Pal – E – fl&fr: xii, i

Pleiotaxis chlorolepis C.Jeffrey (1967) 184
Perennial herb, in savannah woodland.
Hem – GC – E – fl: ix-xi

Porphyrostenma chevalieri (O.Hoffm.) Hutch. & Dalziel (1931) 158
Bas.: Porphyrostenma 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 (1888) 272
Bas.: Euthulia 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); mtobotbé (fs); dépè (fu); pototorô (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.
mpf – AfT – N, S, E, B – fl: xii; fl&fr: xii-iv
V.N.: pó-de-sabom, sucudera (cr); dafuy (cs); bantararurüre, nabi (fu); bantara-burüre, nabicòsso, nebicôsso (md); benitaha, umpim-pia (mj); pampae-göfe (pp).

Vernonia galamensis (Cass.) Less. (1829) 314
Bas.: Centrpalus 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-tûrô (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

**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: x; fl&fr: ix; fr: i-vii
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: i-xii; fl&fr: xi-xiv;
fr: vi-vi
V.N.: toen-tolôe, treventi-ito (ba); naporó (bj);
ojo-di-onça (cr); cupeléen (fs); talquibare (fu);
dbututbus, beduto-ubule, utonque-ubusbe (mc);
manterim-ô, manterinterim, talquidgga, tulu-nereure (md);
dutubule, peduto-ubusbe, utonque-ubusbe, utonque-
ubule (mj); n’jete-nambel n’xetenhembele (nl);
barniate (pp); kuleyihimaba (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: i-ii
V.N.: cadjime, enduré (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.
mph(C) – 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

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.: másfí, massemedam (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.

**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 argentinensis** 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 disturbed areas.
Geo – Pan – N, S, B – fl: ix-iv
V.N.: n’tome, untome (ba); lacaon (cr); lokoko (cs); erarape (fs); batata-brava (pt).

**Ipomoea barteri** Baker (1894) 70
Perennial twining herb, in savannah woodland.
Geo – SZ – E – fl&fr: ix

**Ipomoea caerulea** (L.) Sweet (1827) 287
Bas.: *Convolvulus caeruleus* 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) 220
Syn.: 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&fr: x

Ipomoea imperati (Vahl) Griseb. (1866) 203
Bas.: 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&fr: ix; fr: x-xii
V.N.: canhano, enhano (bj); nhambi-di-mato (cr).

Ipomoea obscura (L.) Ker Gawl. var. obscura
(1817) 239
Bas.: 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&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) 159
Syn.: Quamoclit vulgaris Choisy (1834a) 434.
Annual twining herb, sub-spontaneous in wet grass savannah; also in disturbed areas.

Ipomoea vagans Baker (1894) 70
Syn.: I. sulphurea Hochst. ex Choisy (1845) 356.
Annual herb, in temporary pools.
Th – S – N – fl&fr: x
V.N.: tirde (fu).

Merremia aegyptia (L.) Urb. (1910) 505
Bas.: Ipomoea aegyptia 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); bagui (ss).

Merremia hederacea (Burm.f.) Hallier f. (1893b) 118
Bas.: Evolvulus hederaceus Burm. f. (1768) 77, t. 30, f. 2.
Perennial twining herb, in wet grass savannah and river banks.
Geo – Pal – E – fl&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

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.: kimbíli (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 temperate 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. latobrosa* 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: vii; 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, B – fl: xi, x; fl&fr: i; fr: xi
V.N.: camatam, sancetaeto (cr); burboqui (fu); cossêlaha (ja); orôbôdô (md).

**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.: fôôti (ba); empenche, essancadacó (bj); djadar, djadra, pipino-di-lobo, pipino-dimato (cr); dadar (cs); landjirco (ff); lotôrcô (fu); poéntè (mc); bocó (pp); esfregão (pt); fûti (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 – AfT – N, S, E – fl: viii, x; fl&fr: i; fr: xi
V.N.: malila-de-katar (cr); nanar n’kabulan (nl).

**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: viii, ix; fl&fr: viii; fr: ix
V.N.: sancaetano (cr); orôbôdô (md).

**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
V.N.: malila-de-katar (cr); nanar n’kabulan (nl).

**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.

**DICHAPETALACEAE (CHAILLETIACEAE)** – 1 genus; 3 species

**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).

**DILLENIACEAE** – 1 genus; 2 species

**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.
Wood climber, in woodland, savannah woodland, palm groves and river banks.
mphC – AfT – N, E, B – fl: x-iv
V.N.: eberigom (bj); pemiss (eb); goróluga (fu).

**Tetracera potatoria** Afzel. ex G.Don (1831) 69
Wood 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.: ebirito (bj).

**DROSERACEAE** – 1 genus; 1 species

**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 elliottii** (Hiern) F.White (1956) 243
Bas.: *Maba elliottii* 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 heudeletii** 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, malefu (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, ensumbé (bj); áboná (cb); pó-de-arco, pó-di-linguana (cr); arcu, brusus (cs); charque, curo-djendjen-ghadje, djebonedje, graccassaque (fu); íra (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’burô, 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.

Antidesma venosum E.Mey. ex Tul. (1851) 232
Small tree, in forest, woodland, savannah woodland, wet grass savannah and river banks.

Bridelia micrantha (Hochst.) Baill. (1862 – 1863) 164
Bas.: Candelabra micrantha Hochst. (1843) 79.
Small tree or shrub, in woodland, savannah woodland, riparian forest, palm groves and river banks.

Caperonia serrata (Turcz.) C.Presl (1851) 573
Bas.: Lepidococca serrata Turcz. (1848) 589.
Annual herb in wet grass savannah, river banks; also in flooded rice fields and rainfed crops.

Chrozophora brocchiana (Vis.) Schweinf. (1862) 9
Bas.: Croton brocchianus Vis. (1836) 39.
Perennial herb, in rainfed crops.

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.

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.

Croton lobatus L. (1753) 1005
Annual herb, in savannah woodland and coastal sands; also in rainfed crops.

Croton scarsiei Scott-Elliot (1894) 96
Shrub, along river banks.

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.

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.

Elaeophorbia drupifera (Thonn.) Stapf (1906a) t. 2823
Bas.: Euphorbia drupifera Thonn. (1827) 250.
Syn.: Euphorbia renouardii Pax (1902) 61.
Tree, probably in woodland.

Elaeophorbia grandifolia (Haw.) Croizat (1938) 109
Bas.: Euphorbia grandifolia Haw. (1812) 130.
Small tree or shrub, in woodland.

Erythrococca africana (Baill.) Prain (1911) 620
Bas.: Trewia africana Baill. (1860–1861) 68.
Shrub or small tree, in woodland and on river banks.

Erythrococea anomala (Juss. ex Poir.) Prain (1911) 614
Bas.: Adelia anomala Juss. ex Poir. (1810) 132.
Small shrub, in forest.
mph – 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

Euphorbia hirta L. (1753) 454
Annual herb in dry lands.
Th – Pan(Am) – N, E – fl: ix-xi
V.N.: taquelpôlhe (fu).
Introduced species, naturalized, native to Central America.

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

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.: dafeu-nina, dafeunina (fu); mantchinch, 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); coroconđó (bf); coroconđé, oábi (bj); coroconđe, coroconđo (cr); pilitoró (ff); bodi, caraconde, coroconđé (fu); coroconđô, cureucôndô (md); matikzé, n’tisé (nl); curencünde, si-môlélé, simôliel (ss).

Hymenocardia heudelotiiii 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.: odiacno (bj).

Macaranga heterophylla (Müll.Arg.) Müll. Arg. (1866) 993
Bas.: Mappa 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: i; fr: iv
V.N.: badje (bf); bulanhinha (fu).

Macaranga heudelotiiii 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: vii
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.) Radel.-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.: mánámômôti (fu); mafer (nl); angodangomé (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’onte (nl); tonta (ss).

Ricinus communis L. (1753) 1007
Large perennial shrublike herb, cultivated; sub- spontaneous in disturbed areas.
Ch – Pan(Pal) – N, E, B – fl: i; fr: i, iv, ix
V.N.: metaconhe (ba); buiram (bf); djaque-djaque (cr); daka (cs); djácula (fl); emôgai, torra, tumbessuma (fs); bunurupa (mj); ricino (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: 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: ii; fr: x-i
V.N.: mantchampo (ff); iála-guei (md); bichime, bissime (pp); iagalé (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 are 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-vi

**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. flovensces** 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.: tchubétade (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 – 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.
mph – Pan – N – fl&fr: xii, i

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 elliotii 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. baikieana Vesque (1893) 336.
Small tree or shrub, in riparian forest and on river banks.
mph – AfT – N, S, E, B – fl: viii-x; fl&fr: xii; fr: iii-xi

Garcinia smeathmannii (Planch. & Triana) Oliv. (1868) 168
Bas.: Rheedia 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’tcocodo (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); súngala (ff); chungalá, sungalá (fu); sumbalá, uliéli, ulielò (md); binhanhaque (mj); acanjongra (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 corymbeferum Hochr. var. corymbeferum (1919) 58
Shrub, in woodland and savannah woodland.
mph – GC/SZ – S, E – fl: iii, v
V.N.: catidjancuómo, codidjancuma (fu, md).

Psorospermum corymbeferum var. doeringii
(Engl.) Keay & Milne-Redh. (1958) 762
Bas.: P. ledermannii var. doeringii Engl. (1919) 387.
Syn.: P. corymbeferum 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.: catidjacuómo, 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.: catidjacuómo, 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.

Laurembertia 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: i–ii–vi
V. N.: foia, foié, sôngol (ba); manasse (bf); em-handú (bj); manganace, manganás (cr); em-handú (bj); manganasse (fs); mancanadje (pl), síla (fu); unásse (mc); manacassô, mancanassô (md); unásse (mj); n’putmê (nl); unássem (pp); sílá (ss).

Iodes cf. *liberica* Stapf (1906b) 588
Woody climber.
mph – 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.: bissâmbana (bf); mampataz-de-porco (cr); curacosse (fu); n’bámbete, umbâmbete (nl); cossôssstûqué (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. & Thonn. (1827) 287
Bas.: *Volkameria capitata* Willd. (1800b) 384.
Shrub, in savannah woodland and palm groves.
mph – AfT – N, B – fl: viii-xi; fl&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&fr: x; fr: iv, ix, xi
V.N.: manabó (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&fr: iv; fr: iv, v, xii
V.N.: mezinho-di-cobra (cr); hacótoça (fu); manar-balé, manar-balé (nl); ferifore, manar-ferifó’r (ss).

**Clerodendrum thyrsoidem** Gürke (1900) 293
Syn.: *C. streptocaulon* Hutch. & Dalziel (1931) 273.
Woody climber, in riparian forest and wet grass savannah.
mph(C) – AfT – N, S, E – fl: xi, xii; fl&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&fr: x, xii; fr: i, xi

**Englerastrum nigericum** Alston (1926) 298
Annual herb, in savannah woodland and wet grass savannah.
Th – G – N, E – fl&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.: bàè-bàè (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 caeruleus* Oliv. (1875) 135.
Syn.: *A. heudelotii* Briq. (1894a) 689; *A. lagoensis* Baker (1895) 152.
Perennial herb, in savannah woodland and wet grass savannah; also in rainfed crops.
Hem – AfT – E – fl: x-xii; fl&fr: i

**Hoslundia opposita** Vahl (1804) 212
Syn.: *H. oppositifolia* P.Beauv. (1806) 53, t. 33; *H. verticillata* Vahl (1804) 213.
Small shrub, in forest, woodland, savannah woodland and riparian forest.
mph – AfT – N, S, E, B – fl: x, xi; fl&fr: ix-iii
V.N.: nhambairam-kéö, nhambairam-quê-ô (md); ópote (pp).

**Hyptis atrorubens** Poit. (1806) 466, t. 27
Syn.: *H. atrorubens* var. *africana* Epling (1936) 279.
Perennial herb, in wet grass savannah.
Hem – AfAm – N – fr: iv, xii
V.N.: embinzè (ba); opôte (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).

1 **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.

1 **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: x–xii; fr: xii–iv
V.N.: padja-de-musquito, palha-mosquito (cr); lubábbie, 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 – AfT – S, E – fl: viii–xii; fl&fr: x; fr: ix, 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: x, 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.: pucré (bj); nhambéira (cr); sucora (ff); sissé-djambó, nhambairam-queô (md).
A useful species, perhaps native to Asia and naturalized after ancient introduction.

1 **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: x
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); cumechossas (fu); lubafai, lumba-fai, lunbajai (nl); comissosso (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.

**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), mangúá (the fruit) (bf); n’bumbo, ubumbo, ubunvo (bj); cetoná, cetoná-pequeno, cetoná-preta (cr); bujinke (dj); prinier-noir (fr); búngú (fu); cutóbulo, cutubulô (md); bessápale, munsopane (mj); gàua (pp).

**Cassytha filiformis** L. (1753) 35
Syn.: *C. guineensis* Schumach. & Thonn. (1827) 199; *C. senegalensis* A.Chev. (1938) 46.
Perenial 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

**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.
Perenial 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 – Aît – S – fr: i, ii
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.

*Afzelia africana* Sm. ex Pers. (1805) 455
Tree, in forest, woodland, savannah woodland, riparian forest, on river banks.

*Anthonotha crassifolia* (Baill.) J. Léonard (1955) 202
Bas.: *Vouapa crassifolia* Baill. (1865–1866) 179.

*Bauhinia rufescens* Lam. (1783) 391
Shrub or small tree in coastal sands and disturbed areas.

*Cassia sieberiana* DC. (1825a) 489
Small tree or shrub, in woodland, savannah woodland, palm groves and on river banks.

*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.

*Chamaecrista jaegeri* (Keay) Lock (1988) 337
Bas.: *Cassia jaegeri* Keay (1956b) 375.
Annual herb, in woodland and savannah woodland.

*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.

*Chamaecrista nigricans* (Vahl) Greene (1899) 30
Bas.: *Cassia nigricans* Vahl (1790) 30.
Annual herb, in savannah woodland; also in rainfed crops.

**LEGUMINOSAE** subfam. **CAESALPINIOIDEAE** (CAESALPINIACEAE) – 17 genera; 30 species, 3 introduced, 2 naturalized, 1 sub-spontaneous
**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-iv
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 – N, E – fl: ii-iv; fr: ii-viii

**Daniellia ogea** (Harms) Rolfe ex Holland (1911) 268
Bas.: *Cyanothrysus 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); tchëbë, tchène, tchêsí (fu); santam-ô, santam-um, santamô, santangô, santanì (md); becúncaro, biécár (mj); bôto, m’bêtâ (nl); rûngulo, untande (pp); kameùri (ss).

**Daniellia Thurifera** Benn. (1855) 252
Tree, in forest.
mPh – GC – S – fr: vi
V.N.: bóbe (ba); pó-de-incesto (cr); tchëbë, tchène (fu); santan-ô, 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.: códôde (bj); mambo (cr); bóto, compon-dôô (fu); sárcôco, sara-ôncô (md); m’bêtâ, 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); bôto, pó-pondogo, querenduta (fu); mabodô, sarôco (md); bumbuar (mj); bôrôrô (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-iv; 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); boië-maio, cossirâ, mëco, moqué (fu); citô, cossitô, moqué (md); bebû, bubûi (mj); m’bim, m’bimbe (nl); moqué (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, gerombê, pele, peli, querenduta (fu); cursom-ô, cussomsom (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, totone (ba); budatchai (fs); talidje, teli (fu); mancone, manconi (cr); mâncône (cs); têbi (ff); buirame (fl); betitche (mc); tálô (md); baier (= amarga), bantabé (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-féô (cr); melâmberi, 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-netombo (ba); mpõtõ, nopote, nuputa (bj); humohó (cb); ferida-preto, fidida, unha-di-onça (cr); buropod (cs); bûrlè (fu); solim-n’ganin-ô (md); n’einkind-zé, pinkit-zé (nl); tchiffa (pp); tsumbele (ss).

**Piliostigma reticulatum** (dC.) Hochst. (1846) 599
Bas.: *Bauhinia reticulata* dC. (1826b) 484.
Small tree, in savannah woodland.

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.

**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.

mph – Pan(Am) – N, S, E, B – fl: ix-xi; fl&fr: x-i; fr: v, xii
V.N.: tchunt (ba); nanchanocu (bj); pintcheira-do-mato (cr); ulôde (fu); djambadûrô (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-ii
V.N.: méta, mbampte, mpanté (ba); padja-santa (cr); fédégosa (cs); gendjoel (ff); capumatunanambâ (fs); coro-talindim, cunálati (fu); becó-binhalé (mj); n’pankanise (nl); bangai (pp).

**Sennapodocarpa** (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.: mpanté (ba); palha-santa (cr); ridjame, sidfame, sindfuel, sindjouel (fu); djandjam-cafa (md); beuroque (pp).

**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.
Acacia kamerunensis Gand. (1913) 459
Syn.: A. pennata sensu E.P.Sousa (1950b) 20, non (L.) Wild. (1806) 1083.
Woody climber, in forest, riparian forest and on river banks.
mPhC – GC – N, S, E – fl: xii; fr: vi

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); gaudë, tanda-sara (ff); bula-bali, bule, burlë, quide, tchide (fu).

Acacia nilotica subsp. adstringens (Schumach. & Thonn.) Roberty (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.: gaudë (ff); quide, tchide, tchine (fu); betampane (me); banô, gande (md).

Acacia sieberiana DC. subsp. sieberiana var. sieberiana (1825a) 463
Small tree or shrub, in savannah woodland.
mph – AfT – E – fr: i

Albizia adianthifolia (Schumach.) W.Wight (1809) 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
V.N.: cobaga-ê, coneCam, empantaCam, unCam-pO (bj); unCamtainchain (cb); farôba-de-lala, farroba-de-lala (cr); caroubier (fr); catChena (fs); marnei, nêêmâë, nêô-mâïô (fu); netô-farô (md); bianque (mj); masamp-thai (nl); alfarroba (pt); usasa-fikê (ss).

Albizia altissima Hook.f. (1849) 332
Syn.: ArtiLosamanea 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.: nétchéango (fu).

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-fôrê (ba); correrê (bj); bansâbûle (bm); farroba-de-mato (cr); gaudë (ff); bu-bricaramba (fs); netetchagolu, sindjadjalê, sindjalale (fu); masamp, masamp-tehill, masang-na (nl); ussûmbulo (pp); safatà, usasàfore, (ss).

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); farôba-de-lala, farroba-de-lala (cr); furbirô (cs); marnei, nêô-maio (fu); farranetô (md).
Species considered vulnerable in the region by Hilton-Taylor (2000).
Albizia glaberrima (Schumach. & Thonn.) Benth. var. glaberrima (1844) 88
Bas.: 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) 87
Syn.: Cathormion rhombifolium (Benth.) Keay (1954b) 489.
Tree, in riparian forest, on river banks.
mPh – GC – N, E – fl: xii-ii; fr: iii-vi
V.N.: djêgo, nétè-cula (fu); d’jagu (md); quéqué-camaca (ss).

Albizia zygia (dC.) J.F.Macbr. (1919) 3
Bas.: 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&fr: ii, iv; fr: i-v
V.N.: biaioga, buiaioga (bf); cobaga-ê (bj); pô-de-raio (cr); bunike (fs); mabodadi, marroné, tali, taliba, uarmáua (fu); tangalamára (md); masamp, msamp-m’boko (nl); tombonka’re (ss).

Dichrostachys cinerea subsp. platycarpa (Welw. ex W.Bull) Brenan & Brummitt var. platycarpa (1965) 73
Bas.: 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&fr: xii; fr: x-ii
V.N.: biohé-mone, djè (ba); camude, camudé, camudo (bj); biongómo (bm); ferida-branco, pau-ferida, pô-de-ferida-branco (cr); sipiñã, sipiña-brabu (cs); busseu-ubila (fl); cad (fr); bubirique (fs); borassanhe, buladanêlhe, bulé, bûrlè-danédjo, marroné, (fu); betampa (mc); borassam, borassam-ô (md); butchampele (me); ussimpulo (pp).

Mimosa pigra L. (1755) 13
Syn.: M. asperata L. (1759b) 1312.
Small shrub, in palm groves, wet grass savannah, rivers and margins of small lakes and temporary pools.
mph – AfT – N, E, B – fl: xii; fl&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); biáie, buái (bf); ca-nhando (the fruit), em-bando, nándo, n’andu, unhando (tree) (bj); faroba, farôba, farroba, farrobe (cr); poroba (cs); caroubier-africain, mimosa-poupre (fr); néré, netch, nétê (fu); olélê, ulélê (mc); nétê (md); i’ (nl); olélê, ulélê (pp); néri (ss); anjambane (td).

**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, tentera (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-tchel-engage, tchelem (fu); bal-tencali, culengô, culim-ô, djandjam-ô, quêssem-quêssem (md); djelha, 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, E – 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, bunambô (bf).

**Abrus fruticulosus** Wall. ex Wight & Arn. (1834) 236

Small woody climber, in palm groves; also in disturbed areas.

mPhC – AfT – N, S, E – fl: x; fl&fr: xi; fr: x-xii

V.N.: benambô, bunambô (bf); namé (bj).

**Abrus precatorius** subsp. **africanus** Verdc. (1970) 241

Small woody climber, in woodland, savannah woodland and mangrove borders.

mPhC – Pan – N, S, E – fl&fr: x, xi; fr: xii-v

V.N.: benambô, bunambô (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) 216
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.: bénè-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 – fr: xii; 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, silatuerão (md).

**Aeschynomene schimperi** 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: xii

**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: x, i
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) 292.
Bas.: *Aeschynomene lateritia* Harms (1899) 292.
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, silatuerão (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 psittacorrhyncha* (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.**: egretéa, gretâè (fl).

1 **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.

**Calopogonium mucunoides** Desv. (1826) 423
Perennial herb, in palm groves; also in flooded rice fields, rainfed crops and other disturbed areas.

**Hem** – **AfAm(Am)** – **S** – fl: x; fl&fr: x–iv; fr: xi–ii
**V.N.**: sumanful (ba), djolondium (md).
Introduced species, naturalized, 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).

1 **Canavalia plagiosperma** 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. obtusi-folia* (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).

1 **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.

1 **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**, **E** – fl: i–iv; fl&fr: ii; fr: v
**V.N.**: psila (ba); dirqué, déki, 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** – fr: x, xi; fl&fr: x, xi; fr: xii
**V.N.**: lic-nalê, lic-uâlê (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**, **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 goreensis 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.: pessoiele (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); timimbô (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-iv
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, untumte (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.: queue (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).

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

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 – fl: v; vi; fr: i-xii
V.N.: bierequé (bf); godjoli (fu); n’pessa, um-pessa (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. delicatulum (A.Rich.) Harms ex Baker f. (1926) 329
Bas.: D. delicatulum 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).

1 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 – fl: xi; 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. mauritianum 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.: Nicholosonia 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

1 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); kulenhimába, 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.: irlinórè (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, pô-de-osso, pô-di-osso, pô-di-conta (cr); pô-di-budogo (cs); arbore-corail, erythrine du Sénégal (fr); bondja, botcho-tchadje, bothola, mochôla, m’zisse (fu); dlimôdolim-ô (md); n’chaka-refat, n’chakarfat (nl); bissansce (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.) Kunze (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-
taneous in rainfed crops and disburbed areas.
Ch – Pal – N, E – fl&fr: ix-xii
V.N.: cárrè (ba); gara, garatcheando (fu); baludo
(me); cáro, cárodim-ô, cáromessem-ô (md);
banhebe, banhepe (mj); càrrè (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 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 shrub, in savannah wooded
and wet grass savannah.
Ch – SZ – N, E, B – fl&fr: xi, xii

Indigofera congoensis  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,
and 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 heudeletti  Benth. ex Baker (1871) 85
Syn.: I. fairchildii  Baker f. (1932) 252; I. heude-
letti  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-
ursed areas.
Th – Pal – N, S, E, B – fl: x; fl&fr: v-xi
V.N.: banta-guerdel, queue (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: vi, xi; fl&fr: x,
xi; fr: xi-iv
V.N.: braque, buradje (bf); d’jadjofo (fs).

Indigofera nummulariifolia  (L.) Livera ex
Alston (1931) 72
Bas.: Hedysarum nummularifolium  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.
**Indigofera scarciesii** 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.: temei-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

**Indigofera suffruticosa** Mill. (1768) n° 2
Perennial herb or subshrub, cultivated to extract indigo dye; also in fallow ground.
V.N.: caráre (ba, mn); gara, garatchingo (fu); baludo (mc); cará, carádim-ô, cáromessem-ô (md); banhebe, banhepe, banhubê, branhubê (mj); bnô (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.: caráre (ba); ipute (bj); tinta (cr); caráre (mn); gara, garatchingo (fu); baludo (mc); cará, carádim-ô, cáromessem-ô (md); banhebe, banhepe (mj); bnô (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

**Kotschya ochreata** var. **longipetala** Hepper (1956) 124
Small shrub, along river banks.
nph – G – S, E – fl&fr: ii

**Kotschya ochreata** (Taub.) Dewit & P.A. Duvign. 
v. **ochreata** (1954) 214
Bas.: *Smithia ochreata* 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-ii; fr: v
V.N.: santobam (bf).

**Leptoderris brachyptera** (Benth.) Dunn (1910) 388
Bas.: *Lonchocarpus brachypterus* Benth. (1860) 100.
Woody climber, in forest, woodland, savannah 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); canaine (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-hantanô (md), bâmpete, 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.) Verde. 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) Verde. (1970) 402
Bas.: *Dolichos stenophyllum* 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 herbaceous steppe of the lateritic cuirasses.
Th – S – N, E – fl&fr: vii, 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&fr: iv

*Mucuna* poggei Taub. (1896) 194
Woody climber, in woodland.
mPhC – SGC – S – fl: ix; fr: xi
V.N.: ghánhima (cr); mafurae, 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.: métaftum (ba); m’plé (bf); ganhomá (cr); nayuma (cs); cossè, nhandebágué (ff); ganhacá (fu); um-háe (mc); maforá, manforá, nhanhanacô (md); bùcô-nhoâlé (mj); mansombrina, nhanhefa, nhañenfa (pp).

*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.: métaftum (ba); m’plé (bf); ganhomá (cr); nayuma (cs); ganhacá, mafurae, tâlcódja, tâlcô-ôdja (fu); cossè, nhandebágué (ff); um-háe (mc); maforá, manforá, nhanhanacô (md); bùcô-nhoâlé (mj); mansombrina, nhanhefa, nhañenfa (pp).

*Nesphostylis holosericea* (Welw. ex Baker) Verde. (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&fr: x, xi

*Ormocarpum sennoides* subsp. *hispidum* (Willd.) Brenan & 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&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&fr: i, iv, xi

*Ostryocarpus riparius* Hook.f. (1849) 316
Small woody climber, along river banks.
mPhC – GC – S – fl&fr: iv
V.N.: banidarè (fu).

*Pericopsis laxiflora* (Benth. ex Baker) Meeuwen (1962) 218
Bas.: *Ormosia laxiflora* Benth. ex Baker (1871) 255.
Syn.: *Afromosia laxiflora* (Benth. ex Baker) Harms (1906) 158.
Tree, in woodland and savannah woodland.
mPh – S – N, S, E – fl: iv, v; fl&fr: v; fr: viii-i
V.N.: culìèculè, culì-culì; 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/mphC – SG – N, S, E – fl: v; fl&fr: v; fr: v, xii
V.N.: bumidi, mantenam-buâmade (bf); malilade-tinta, tinta-grande (cr); cărò-bâ (md).

*Philenoptera laxiflora* (Guill. & Perr.) Roberdy (1954) 354
Bas.: *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&fr: iii
V.N.: dáfim (md).

*Pseudarthria fagifolia* Baker (1871) 167
Annual herb, in savannah woodland.
Th – GC – E – fl&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.
V.N.: psilá, sila (ba); buana (bf); pau-sangue, pô-di-sangue (cr); bane, bâni, djêgo (fu); belêle (mc); kenê, quênô (md); belêle, 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 – fl: xii-ii; fl&fr: i; fr: xii-iv
V.N.: dêsse, dessáha, déxa (ba); antante, bengan-ta (bf); ebon-tonton (bj); mangantem (cr); djêgo (ff); djedjucumâdje, d’jega, d’jego, mangantum,(fu); nišichiba, 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 – 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 – fl: ix, x; fl&fr: viii-xii; fr: iv
V.N.: fudjei (fs); banfala-dóródje, bántala-do-ródje, 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: x

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 – fl: viii-xii; fl&fr: ix, x
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
Introduced species, naturalized, native to Central America and north of South America.

Tephrosia cf. berhautiana Lescot (1969) 313
Annual herb, in savannah woodland.

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, E – fl: ix, x; fl & fr: x, xi; fr: 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 – S – N, B – fl & fr: x-iv
V.N.: bim (bb), nhebé-odjéré (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. barbigera 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.
nph – 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. gilletii (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&fr: x, xi; fr: xii

Uraria picta (Jacq.) dC. (1825a) 324
Bas.: Hedysarum pictum Jacq. (1789a) 262.
Subshrub, in savannah woodland, wet grass savannah and on river banks.
Ch – Pal – S, E – fl: xi; fl&fr: ix-xi; fr: xi

Vigna adenantha (G.Mey.) Maréchal, Mascherpa & 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&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&fr: xi, xii; fr: xi

Vigna gracilis (Guill. & Perr.) Hook.f. var. gracilis (1849) 311
Bas.: Dolichos gracilis Guill. & Perr. (1832) 219.
Annual climbing herb, in woodland, savannah woodland and riparian forest pools; also in flooded rice fields.
Th – SGC – N, S, E – fl: v-xi; fl&fr: x-xii; fr: xi V.N.: djulundium (fu).

Vigna gracilis var. multiflora (Hook.f.) Maréchal, Mascherpa & Stainier (1978) 200
Bas.: V. multiflora Hook.f. (1849) 308.
Annual climbing herb, in savannah woodland.
Th – GC – L

Vigna heterophylla A.Rich. (1847) 218
Syn.: 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&fr: x

Vigna kirkii (Baker) J.B. Gillett (1966) 103
Bas.: 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) 541
Bas.: Phaseolus longifolius Benth. (1837) 75.
Syn.: V. paludosae Milne-Redh. (1947b) 27.
Annual climbing herb, in wet grass savannah and small lakes.
Hem – AfAm – S, E – fl: v, xii; fl&fr: xi, xii, v

Vigna luteola (Jacq.) Benth. (1859) 194
Bas.: 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&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&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&fr: x, xi; fr: xi V.N.: tirde (fu).

Vigna subterranea (L.) Verdc. (1980) 474
Bas.: 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, épêdê (bj); mancara-de-bijagó (cr); tessurum-ô (md).

Vigna unguiculata subsp. uguiculata var. spontanea (Schweinf.) Pasquet (1993) 155
Bas.: 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&fr: xi; fr: x-ii V.N.: canhabu (bj).
Vigna unguiculata (L.) Walp. subsp. unguiculata var. unguiculata (1842) 779
Bas.: Dolichos unguiculatus L. (1753) 725.
Syn.: Phaseolus cylindricus L. (1754) 23; V. unguiculata subsp. cylindrica (L.) Verdec. (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-mancanha (cr); nehe-limboquê, nehe-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 – fl: xi; fl&fr: ix-i

Vigna vexillata (L.) A.Rich. var. vexillata (1845) 191
Perennial climbing herb, in savannah woodland.

Genlisea africana subsp. stapfii (A.Chev.) P.Taylor (1972) 58
Bas.: G. stapfii A.Chev. (1912b) 188.
Annual herb, in wet grass savannah and temporary pools.
ThA – AfT – N, E – fl: x, xi

Utricularia benjaminiana Oliv. (1860) 176
Annual herb, in rivers and small lakes.
ThA – AfAm – N, S, E – fl: viii-xii

Utricularia firmaula Welw. ex Oliv. (1865) 152
Annual herb, in wet grass savannah.
ThA – AfT – B – fl: i

Utricularia gibba L. (1753) 18
Syn.: 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&fr: iv-x

Utricularia reflexa Oliv. (1865) 146
Annual herb, in rivers.
ThA – AfT – S

Utricularia rigida Benj. (1847) 303
Annual herb, in rivers.
ThA – SG – E – fl&fr: x-xii

Utricularia simulans Pilg. (1914) 194
Annual herb, in wet grass savannah and temporary pools.
ThA – AfAm – E, B – fl: x

Utricularia stellaris L.f. (1781) 86
Syn.: 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 subulata L. (1753) 18
Annual herb, in wet grass savannah and temporary pools.
ThA – Pan – N, B – fl: ix

Utricularia tortilis Welw. ex Oliv. (1865) 150
Syn.: 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 djalonensis** 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 proceria** Lepr. ex Bureau (1856) 74, f. 60–62
Syn.: **A. frezoulisi** 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.: cufè, kufà (ba); cadjungue, cadjanuè (bj); caboupa-matcho (cr); beidomodja, tagare (fu); bintié (mj); papae-um-em (pp); dissauri (ss).

**Anthocleista vogelii** Planch. (1848) t. 793-IV
Syn.: **A. talbotii** Wernham (1913) 68.
Tree, in woodland and palm groves.
mPh – AF – N, S, B
V.N.: cadjanuè (bj); acuapòpo, 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 – AF – N, S – fl: vi, ix

**Strychnos africana** Gilg (1893) 572
Syn.: **S. erytrocarpa** 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 congloba** Gilg (1899) 120
Syn.: **S. lecomtei** 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 – AF – N, S, E – fl: iii, iv; fr: v-x
V.N.: curanam, metônhà (ba); oreleha-de-rato (cr); tibo (cs); faracoledje, fara-colei, sarcoledje (fu); búpale (mj); n’congon (nl); bêpale (pp); querà (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); buródè (fu) atanoke, n’átá uóké (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.
nph – 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 (Engl.) Danser (1933) 111.
Woody parasite, in woodland and savannah woodland.
nph – SG – N, S, E – fl: viii, x; fr: xii
V.N.: dilebotche (ba); sótô (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.
nph – SG – N, S, E – fl: vii–ix, x; fr: xii
V.N.: dilebotche (ba); m’delêbotché (ba); pau-fidalgo, pó-fidalgo (cr); sandjoé, sótô (fu); mafidadum; madifô (md).
The vernacular names are probably applicable to all the species in the family and not only to this one.

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.
nph – G – S, E – fl: vi–viii; fr: iv
V.N.: dilebotche (ba); m’delêbotché (ba); madifô (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.
nph – SGC – N, S, E, B – fl: i–xii; fl&fr: i–xii
V.N.: dilebotche, m’delêbotché (ba); pau-fidalgo, pó-fidalgo (cr); sandjoé, sótô (fu); mafidadum; madifô (md).

Tapinanthus globiferus (A.Rich.) Tiegh. (1895) 267
Bas.: Loranthus globiferus A.Rich. (1848) 341.
Woody parasite, in woodland.
nph – Pal – E – fl: xii

Tapinanthus pentagonia (DC.) Tiegh. (1895) 267
Bas.: Loranthus pentagonia DC. (1830a) t. 8.
Woody parasite, in forest.
nph – SG – E – fl: vi
V.N.: dilebotche (ba); sórô-legal (fu); madifô (md).

Tapinanthus pendulous (DC.) Tiegh. (1895) 267
Bas.: Loranthus pendulous DC. (1830b) 298.
Woody parasite, in woodland and savannah woodland.
nph – GC – N – fr: iv–vi
V.N.: dilebotche (ba); m’delêbotché (ba); madifô (md).
LYTHRAEACEAE – 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)
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. icosaandra* 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 santoï* 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* Schltdl. & 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.: còrò (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.: còrò (ba); cahapandá (bj); kurfi, manar-balé (nl).
Fig. 13. *Nesaeoa 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; fl&fr: vi; fr: vi

MALVACEAE – 6 genera, 1 introduced; 18 species, 1 introduced and sub-spontaneous

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 – fl: viii-xii; fl&fr: xii; fr: xii
V.N.: n’cócó (bf); baguitche-de-mato, narcino-branco (cr); folere-burure (ff).

Hibiscus 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, líquè (fl); otolô (fu); cutandô (md); n’pirra, umpirra, upira (pp); algodão (pt); guisse (ss).
Introduced species, native to America, cultivated to produce cotton.

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); bämè, cancane-
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.

Kosteletzkya buettneri Gürke (1889) 92
Syn.: K. augustii Hochr. (1917) 252; K. flava Baker f. (1894) 74.
Annual herb, in wet grass savannah.

Kosteletzkya grantii (Mast.) Garcke (1881) 53
Bas.: Hibiscus grantii Mast. (1868) 203.
Syn.: K. chevalieri Hochr. (1906) 22.
Perennial herb, in riparian forest.

Sida acuta Burm.f. (1768) 147
Syn.: Sida carpini folia L.f. (1781) 307.
Subshrub, in savannah woodland, palm groves and wet grass savannah; also in rainfed crops and ruderal.

Sida cordifolia L. (1753) 684
Perennial herb, in savannah woodland and wet grass savannah; also ruderal.

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.

Sida urens L. (1759b) 1145
Annual herb in river banks; also in flooded rice fields, rainfed crops and other disturbed places.

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.

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, E – fl&fr: xi, xii; fl: xi
MELASTOMATACEAE – 9 genera; 12 species

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. elliotii (Gilg) Jacq.-Fél. (1983) 28
Bas.: D. elliotii 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 woodland, 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-tchangoala (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 albidorum (G.Don) Benth. (1849) 353
Bas.: Melastoma albidorum 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

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.
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-amargoso, cola-malegossa (cr); kola-malgos, pada-di-kola, siti-malgos (cs); bhuhongone (dj); boculamape (fl); boncom-hadje, goboi, mambodadjie (fu); maló, boncom-ô (md); bêpale, bauque, côque (mj); bóco (pp).

Species vulnerable in the region according to Hilton-Taylor (2000).

**Trichilia etemica** subssp. **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); bûme, quécujon (fu); quécô (md).

**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); mânenaes, marnenaes (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: ii, iii; iv
V.N.: famê, iacume, tagmi, tâminii (ba); bussilô (bf); unchômrô, unchônro (bj); bissilâo, bissilon (cr); betenhête (dj); cáê (ff); acajou-du-Sénégal, caïcédrat (fr); cáê (fu); biaïerre (mc); djalô (md); bêntia, bentiene, betone (mj); embale, utime (pp).

**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).

**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.: quélébâléléde (fu); tambaordôôô (td).

**Trichilia prieureana** A.Juss. subssp. **prieureana** (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); fulubudjone (dj); cudaco (fl); sátâgá (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 abyissinica** 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.: quélébâléléde (fu); tambaordôôô (td).

**MENISPERMACEA** – 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.: anéfiafia, manéfa-fia (bf); orêdja-de-rato, oređja-di-sanjo, orelha-de-rato (cr);auce-edjanbaran (dj); nofer-balo, nopelebalo (fu); bacalambách, cabate-cu’uîte, cubate-cuìate (mc); inêtulo, nhinatulô, sapatê-ô (md); cabate-uiate, cubate-cuìate (mj); neun’eak (nl); blelina (pp); nofélbade (sr).

Dioscoreophyllum volkensii engl. (1895) 182
Syn.: Dioscoreophyllum lobatum (C.H.Wright) diels (1910) 181; Dioscoreophyllum cumminsii Stapf (1898b) 71.
Small woody climber, in forest, woodland and river banks.
mpH – GC – S – fl: viii, x; fr: viii-i
V.N.: ambolbol-n’for (fruto), bubolmbol, n’fora, unforá (planta) (bf); n’por (nl).

Trilisia patens Oliv. (1868) 49
Large woody climber, in forest, woodland, riparian forest and palm groves.
MPh – GC – N, S, E – fl: ii-iv; fr: iii-ix
V.N.: bossé (ff); portotô, uelifedjite (fu); manar-kambantchum, manar-gambanjo (nl); firifora (ss).

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 – GC – N, S, E, B – fr: ii-v
V.N.: noii (bj); língua-di-baca, pau-bicho, pau-de-bicho-amarelo, pô-de-bicho-branco, po-de-bitche, pô-de-lete (cr); djualâe, nhenhê, tambatchilam, tchime (fu); tumbirî (md); binam-ne, cângôrô, cângôrô, (mj); bucânhe (pp); n’nhonhinhe (ss).

Dorstenia cuspidata Hochst. ex A.Rich. var. cuspidata (1850) 272
Syn.: D. walleri Hemsl. (1893) 178.
Perennial herb, in forest.
Geo – AfT – N – fl & fr: ix

Dorstenia cuspidata var. preussii (Engl.)
Hijman (1990) 364
Bas.: D. preussii Engl. (1894c) 143.
Perennial herb, in riparian forest.
Geo – GC – fl: vii, viii

Ficus asperifolia Miq. (1848) 231, t. 15B; ex Benth. (1849) 424
Shrub or woody climber, in woodland and riparian forest.
mpH – 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. *lecaryi* (Warb.) C.C. Berg (1988) 81
Bas.: *F. lecaryi* Warb. (1904) 24.
Tree, in savannah woodland, riparian forest and river banks.
mPh – G – S, E – fr: i-xii

**Ficus dicaeostylo** 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 suredej, surei (fu); anak (td).

**Ficus elasticoides** Del. 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); utássia (eb); acata-lîxo, borrar-cha-di-marabu, lînqua-di-baca, po-di-lîxa,(cr); karda (cs); nhînhá (fu); bungadjé, n’cungre (uncungre) (mj); cuncre, cungré, 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); sotô (md).

**Ficus lutea** Vahl (1805) 185
Syn.: *F. vogelii* (Miq.) Miq. (1867) 288.
Tree or epiphyte strangler shrub, mainly on *Elaeis guineensis* or tree, in forest, thicket, palm groves, mangrove borders and coastal sands.
mPh – Aft – N, S, B – fr: i-xii
V.N.: belaque, laha (ba); fûgêra (cs); bupecto (fs); ordenê, ordonal, tchéguedje, tcheqê, tcheque-sûmô (fu); côbô, sufa-sotô (md).

**Ficus mucuso** 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 mango grove borders.
mPh – GC – N, S, E, B – fr: i-xii
V.N.: blaca (ba); cagô, endjunque (bj); parafi-din-tera, pov-di-dalg, taraf-din-tera (cs); bucôno (fs); balimpô, calimbô (md); uchime (pp).

**Ficus ottoniifolia** (Miq.) Miq. subsp. *ottoneolia* (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’cungré (mj); bissime, n’cuncre, uncuncre (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.: sûrei (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: ii–ii
V.N.: figueirinha (cr); bupectô (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. *macrospersma* (Mildbr. & Burret) C.C. Berg (1988) 94
Bas.: *F. macrospersma* Mildbr. & Burre (1911) 223.
Tree, in forest and riparian forest.
mPh – GC? – S, B
V.N.: endjonco, endjonque (bj); unför (nl); sosukukuri (ss).

**Ficus scott-elliotii** 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, tchequejde (fu); buncuncul (me); turô (md); cuncre, cungre, n’cungre, uncungre (mj); intonkindjá, n’tankindjá, tonkin-iá, tonquinha (nl); uncungne (pp); kodé (ss); anakue (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.: chèque, tcheque (pl. tchequejde) (fu); cuncre, n’cuncre, uncuncre (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.: dubaláé, ordenæ (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 guineensis* or tree, in forest, woodland, savannah woodland and palm groves.
mPh – GC – N, S, E, B – fr: i
V.N.: iaga (ba); cagô (bj); unque, urque (fu); unfor (nl); amará (td).

**Ficus vallis-choudae** Delile (1843) 94
Tree, probably on river banks.
mPh – AfT
V.N.: guibè (fu).
Species known only from bibliographical reference (Espírito Santo 1963).

**Milicia regia** (A.Chev.) C.C. Berg (1982) 227
Bas.: *Chlorophora regia* A.Chev. (1912b) 209.
Tree, in woodland, savannah woodland, riparian forest.
mPh – SG – N, S, E, B – fl: iii
V.N.: timê, tumbro (ba); cunde (bj); pô-de-bicho-amarelê, pô-de-bitchô-risso (cr); po-de-sinsa (cs); tumbû-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); balà, busaka, sobosob (cs); guilinte (ff); guibinte, mantchampudje (fu); mantchambô (md); becuâe (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.

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.

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 sub-tropics but more diverse in Australia and America. 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 calophyllloides* 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.: *Calyptranthes guineense* Willd. (1800a) 974.

Sy.: *S. guineense* var. *macrocarpum* Engl. (1921) 738; *S. guineense* var. *litterale* (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); sofôno, 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

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); baracurujde, buragurudja (fu?); enquéquéler, 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.: quêquêlique (mj); ebengalei-iamakei (fl); baracuradjé, 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

NYMPHAEACEAE – 4 genera; 6 species

Campylospermum 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).

Campylospermum 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, mêmè (fu).

Campylospermum 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); mêmè (ff, fu).

Lophira lanceolata Tiegh. ex Keay (1954b) 487
Tree, in woodland, savannah woodland and coastal sands.
**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
  V.N.: osso-de-dari (cr); démocóri (fu); tinlake (nl).

- **Olax gambecola** Baill. (1862–1863) 121
  Shrub, in river banks.
  nph – GC – S
  Species known only from bibliographic reference (Malaisse 1996).

- **Strombosia pustulata** Oliv. (1894) t. 2299
  Tree, in forest.
  mph – GC – S – fl: xi; fl&fr: ii; fr: iv, vii
  V.N.: bugóiaba (the plant), goiaba (the fruit) (bf); maharra (bj); pau-goiaba, po-de-goiaba (cr); batirô (md).

**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).

- **Ximenia 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); udôngul, undemma-aguidig (cb); limon-do-mato, limon-di-sancho (cr); citronnier-de-mer, prunier-de-mer (fr); tcheme, tjeme (fu); tufissa (md); mampã (nl); tufissa, tumbecrinhaque (ss).

- **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 southwestern 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.

1 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, ruttn (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, funhunho (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, ruttn (ba).

Ludwigia stenorapha (Brenan) H.Hara subsp. stenorapha (1953) 294
Bas.: Jussiaea stenorapha 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.: silinicom-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.: cudóro (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.

1. **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); bucóli (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

1. **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); upelë (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.: borôbo (bf); n’baptume (nl); tôkékélé (= chicken’s egg) (ss).

**PEDALIACEAE** – 2 genera; 2 species

**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

**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

**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.: Inversodieraceae 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 – AF – 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 – AF
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 – AF – N, S, E, B – fl: vi; fl&fr: iv; fr: ix-i
V.N.: mamampai (ba); djutu (bf); jurtú, jutù (cr); djúrô (fu); úli-élô (md).
POLYGONONACEAE – 3 genera; 4 species and forms

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) Gernish. (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.) Sojak 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 – ArT – 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

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); umbintoshim (mj); n’bossé-kintá (nl); baldroega (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

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

*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 mangrove. The three *Rhizophora* species are important in the mangrove communities, being *R. mangle* the more frequent. *Anisophyllum laurina* is found mainly in forest and *Cassipourea congoensis* in savannah woodland.

*Anisophyllum 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, mâfelè (ba); budjagálá (the plant), mandjagálá (the fruit) (bf); edoonche (bj); miséria, pau-miséria, pô-de-miséria (cr); kánse (fu); n’sunp, sènè, 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 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); bugâha, ugâha (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).
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.

**Argocoffeopsis eketensis** (Wernham) Robbr. (1986) 158
Bas.: Coffea eketensis Wernham (1914) 8.
Syn.: A. jasminoides (Welw. ex Hiern) Robbr. (1981) 368.

**Bertiera spicata** (C.F.Gaertn.) Wernham (1912) 160
Bas.: Pomatium spicatum C.F.Gaertn. (1807) 252.
Syn.: B. africana A.Rich. (1830) 175.

**Chassalia afzelii** (Hiern) K.Schum. (1896c) 469
Bas.: Psychotria afzelii Hiern (1877) 205.
Syn.: Ch. laxiflora Benth. (1849) 416.

**Coffea liberica** W.Bull ex Hiern (1876) 171, t. 24
Shrub or small tree, cultivated for its seeds (coffee).

**Craterispermum laurinum** (Poir.) Benth. (1849) 411
Bas.: Coffea laurina Poir. (1811) 14.

**Cremastra triflora** (Thonn. ex Schumach.) K.Schum. (1891) 88, f. 31
Bas.: Psychotria triflora Thonn. ex Schumach. (1827) 108.

**Crossopteryx febrifuga** (Afzel. ex G.Don) Benth. (1849) 381
Bas.: Rondeletia febrifuga Afzel. ex G.Don (1834) 516.

**Cuviera nigrescens** (Scott-Elliot ex Oliv.) Wernham (1911) 321
Bas.: Vangueria nigrescens Scott-Elliot ex Oliv. (1894) t. 2283.

**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.
**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

**Gardenia terrinolia** 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.

mp – SZ – N, S, E – fl: ii-vii; fr: xii

V.N.: djugale (fu); n’dué, n’duégbarep (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

**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.

mp – GC – N, S, B – fr: i

V.N.: cófa (ba); kabop (cr); pópôe (ff); fofadjambô (md); m’pop (nl); fôfô (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.

mp – SGC – N, S, E – 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.

mp – SG – S, E – fl: iv-vi

**Eucinia longiflora** Salisb. (1808) index sexualis et errata t. 93

Shrub, in forest, riparian forest and palm groves.

mp – GC – S – fl: viii, i-vi

V.N.: goiaba-de-mato (cr).

**Gardenia nitida** Hook. (1847) t. 4343

Shrub, on river banks.

mp – SG – E – fr: i

**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

**Hymenocoleus hirsutus** (Benth.) Robbr. (1975) 288

Bas.: *Geophila hirsuta* Benth. (1849) 422.

Perennial herb, in forest.

Hem – GC – S – fr: v

**Hymenocoleus hirsutus** (Benth.) Robbr. (1975) 288

Bas.: *Geophila hirsuta* Benth. (1849) 422.

Perennial herb, in forest.

Hem – GC – S – fr: v

**Hymenocoleus hirsutus** (Benth.) Robbr. (1975) 288

Bas.: *Geophila hirsuta* Benth. (1849) 422.

Perennial herb, in forest.

Hem – GC – S – fr: v

**Hymenocoleus hirsutus** (Benth.) Robbr. (1975) 288

Bas.: *Geophila hirsuta* Benth. (1849) 422.

Perennial herb, in forest.

Hem – GC – S – fr: v

**Hymenocoleus hirsutus** (Benth.) Robbr. (1975) 288

Bas.: *Geophila hirsuta* Benth. (1849) 422.

Perennial herb, in forest.

Hem – GC – S – fr: v

**Hymenocoleus hirsutus** (Benth.) Robbr. (1975) 288

Bas.: *Geophila hirsuta* Benth. (1849) 422.

Perennial herb, in forest.

Hem – GC – S – fr: v
Keetia cornelia (Cham. & Schltdl.) Bridson  
Bas.: Canthium cornelia Cham. & Schltdl.  
(1829) 15.  
Shrub or woody climber, on river banks.  

**Kohautia grandiflora** DC. (1830b) 430  
Annual herb, in woodland and savannah woodland; also in rainfed crops and disturbed areas.  

**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.  

**Leptactina senegambica** Hook.f. (1871d)  
t. 1092  
Shrub, in the transition zone between mangrove and savannah woodland.  

**Macrophyra longistyra** (DC.) Hiern (1877) 106  
Bas.: Randia longistyra DC. (1830b) 388.  
Shrub or woody climber, in forest, thicket, woodland, riparian forest and palm groves.  

**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.  

**Morinda lucida** Benth. (1849) 406  
Tree or shrub, in woodland.  

**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.
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mhp(C) – GC – S – fl: xi; fr: iv-vi
V.N.: manar balé (= black liana), n’tchetekamnà-lankolo (nl).

**Mussaenda elegans** Schumach. & Thonn. (1827) 117
Shrub or woody climber, in forest, thicket, woodland and palm groves.

mhp(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), belbelinquele, belbelquel, xilôfarô (fu); nhocolacotó (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.

mhp – 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.

mhp – AfT – N, E – fr: viii, ix

**Pauridiantha afzelii** (Hiern) Bremek. (1940) 212
Bas.: *Urophyllum afzelii* Hiern (1877) 73.
Shrub, in riparian forest.

mhp – 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.

mhp – 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.

mhp – 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.

mhp – 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.

mhp – 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-v; 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) 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); comida-de-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) 154.
Small shrub or subshrub, in forest edges, woodland and on river banks.
nph – GC – S – fr: x, xi

**Psychotria peduncularis** (Salisb.) Steyerm. 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.

**Psydrax horizontalis** (Schumach.) Bridson (1985) 700
Bas.: *Pavetta parviflora* Afzel. (1815a) 47.
Syn.: *Canthium anomalocarpum* DC. (1830b) 475; *C. horizontalis* (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 (1885) 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) 184
Bas.: 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&fr: vii; fr: iv, v

Sacosperma paniculatum (Benth.) G.Taylor (1944) 218
Bas.: 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) 31
Bas.: 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&fr: iv, v; fr: vii

Sarcocephalus pobeguinii Pobég. ex Pellegr. (1932) 222
Syn.: Nauclea pobeguinii (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 & Stork (1984) 778
Bas.: Borreria bambusicola Berhaut (1976) 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&fr: x, xii; fr: xi, xii
V.N.: lecons-maio (fu)

Spermacoce filifolia (Schumach. & Thonn.) J.-P.Lebrun & 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) 305
Syn.: 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&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&fr: ix-xi

Spermacoce octodon (Hepper) J.-P.Lebrun & Stork (1984) 778
Bas.: 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) 379
Syn.: Borreria pusilla (Wall.) DC. (1830b) 543.
Annual herb, in savannah woodland.
Th – Pal – B – fl&fr: xii

Spermacoce quadrисulcata (Bremek.) Verdc. (1975) 305
Bas.: Borreria quadrисulcata Bremek. (1952b) 102.
Syn.: Borreria paludosa Hepper (1960a) 259.
Annual herb, in wet grass savannah; also in flooded rice fields.
Th – AF T – 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 – AF T – 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, gurudal (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 – AF T – 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 nimbana* 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(C) – GC – N, S, E – 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’techonhör (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) nº 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) nº 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 – fl: vii; fr: viii-i
V.N.: màdjà, 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 woodland, palm groves and coastal sands.
mph – SG – N, S, B – fl: vii, xi; fl&fr: i, v; fr: x-v

**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’butcherê (ba); cerença, cerija, serinça (cr); buiema (dj); bulebo (fl); culneldacu, mantchampôdje (fu); simbôde-ô, simbondô (md); bute, n’pôrî, oabele (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); outau (bj); cuiema (dj); féso (fu).
A Guineo-Congolian species introduced and cultivated in several tropical regions for its edible fruit.

**Cardiospermum halicacabum** L. (1753) 366
Small herbaceous climber, in woodland, savannah 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.: nedég-dég-ca, nedege-degeca, nedege-d’geca (bj).

**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.
**Eriocoelem 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-fôdia, cinco-folha (cr); d’jambolulu (dj); coli-djoi (ff); cóledjóe, coli-djoi (fu); becô-be-unhou (mc); bolô-cominlôlô, cundintadjô-ô, djambaluô (md); n’fankoko (nl); belecapsulassule, belekesu-lesuli (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

**Malacantha alnifolia** (Baker) Pierre (1891) 61
Bas.: *Chrysophyllum alnifolium* Baker (1877) 499.
Tree, in forest, woodland, savannah woodland, riparian forest and palm groves.
mPh – AF – N, S, E, B – fl: xi-v; fr: vi
V.N.: ukissig (cb); lixa (cr); cafore (dj); nha-da-haco, nhénéhô (fu); mafaléu (nl); lakô, lalauri (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.
mph – GC – E – fl: ii

**Mimusops andongensis** Hiern (1898b) 644
Syn.: *M. warneckei* Engl. (1904) 65.
Tree, in forest, riparian forest and mangrove borders.
mPh – GC – N, S – fl: i; fr: xi-iv
V.N.: futchodôró (dj).

**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-fôdia, cinco-folha (cr); d’jambolulu (dj); coli-djoi (ff); cóledjóe, coli-djoi (fu); becô-be-unhou (mc); bolô-cominlôlô, cundintadjô-ô, djambaluô (md); n’fankoko (nl); belecapsulassule, belekesu-lesuli (ss).

**Placodiscus riparius** Keay (1956a) 194
Tree or shrub, along river margins.
mph – G – E – fl: ix, x; fr: xi

**Synsepalum pobeguinianum** (Pierre ex Leconte) Aké Assi & L.Gaut. (2000) 282
Bas.: *Pachystela pobeguiniana* Pierre ex Leconte (1919) 191.
Syn.: *Bakeriella pobeguiniana* 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.: côlodemo, 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 – AF – N, E – fl: x; fr: iv

**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, cárai, léguélcárê (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. *monticolum* 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.
Syn.: *A. communis* Hemsl. (1906) 372.
Annual herb, in wet grass savannah and on river banks.
Th – AfT – N, S, E, B – fl: vi; fr: vi
V.N.: boro-boro (fu).

**Bacopa crenata** (P. Beauv.) Hepper (1960b) 407
Bas.: *Herpestis crenata* P. Beauv. (1819) 83, t. 112.
Annual herb, in wet grass savannah and on river banks.
Th – AfT – N, E – fl: vi, xii; fl&fr: xii
V.N.: depé-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.) e.f. 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&fl: ii, xii

**Crepidorhopalon schweinfurthii** (Oliv.)
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 on river banks; also in flooded rice fields.
Th – AfT – E – fl: xi-i

**Limnophila barteri** 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
Limnophila 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) 304.
Syn.: L. 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-farô, ruburubô (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); efunicaine (dj); belbelguel (fu); timim-timim, timintimes, timintindjambo (md); n’tchinike, n’tcinké (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: vii; fl&fr: vii

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-xxii; fl&fr: x-xxii
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) 468
Bas.: 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&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) 567
Bas.: 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, tibdé (ba); tchuco (bj); colanzú, colonzo, quécui, quécui-djom, tibedé (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.

1 Datura inoxia Mill. (1768) nº 5
Annual herb, ruderal.
Th – Pan(Am) – N – fr: iv
V.N.: cubejara (di).
Introduced species, sub-spontaneous, native to South America.

1 Physalis angulata L. (1753) 183
Annual herb, ruderal, also cultivated in rainfed lands.
Th – Pan(Am) – N, S, E, B – fl: ix-xi; fl&fr: ix-xii
V.N.: tau-tau (cr); jambumbô, tau-tau (md); capod (mj); bûlé-bûlé (nl).
Introduced species, naturalized, native to tropical America.

1 Physalis lagascae Roem. & Schult. (1819) 679
Annual herb, cultivated in rainfed lands and also adventitious.
Th – Pan(Am) – N, E – fl&fr: x, xi
V.N.: pao-pao (fu).
Introduced species, sub-spontaneous, native to Mexico.

Schwenckia americana L. (1764b) 577, sphalm.
Annual herb, in savannah woodland, palm groves and wet grass savannah; also in flooded rice fields, rainfed crops and other disturbed places.
Th – AfAm – N, S, E, B – fl: xi; fl&fr: ix, xii
V.N.: psito (ba); bêlêbeluinguële (fu); timim-timim-ô (md); bôdô (pp); serere (ss).

1 Solanum americanum Mill. (1768) nº 5
Annual herb, in flooded rice fields, rainfed crops and other disturbed places.
Th – Cos(Am?) – N, S – fl: ix, x; fl&fr: x
V.N.: tau-tau-macho (cr); djagato-fôrô (fu); suludjato (md).
Introduced species, sub-spontaneous, native probably from America.

Solanum macrocarpon L. (1771) 205
Syn.: S. dasyphyllum Schumach. & Thomn. (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&fr: ii, x
V.N.: chilo, culuta, éte-éri, n’djâktu,(ba); jacatu, ojagato-de-rato (cr); djagatô-bûssu, jagatû-de-lobo, ojagato-buruure (ff); bundom-dabu (fl); édê, n’tabactu (fu); brémbè, mucussá, n’sacraha (pp); bussú (ss).
Solanum nigrum L. (1753) 186
Annual herb, ruderal.
Th – Cos – N – fr: i
V.N.: djagato-fôrô (fu); suludjatô (md).

Solanum terminale Forssk. (1775) 45
Shrub or woody climber, in forest edges.
mph(C) – Pal – S – fl: vi

Sphenoclea zeylanica Gaertn. (1788) 113,
Annual herb, in rivers; also in flooded rice fields.
Hel – Pan – S, E – fl: vi, x; fl&fr: vi-xi
V.N.: côssô-bsûè (ba); nhambairam-farô (fu); bum-bum, opáia (pp).

Sterculia setigera Delile (1826) 61
Tree, in woodland and savannah woodland.
mPh – AfT – E – fr: vi
V.N.: bobóri, jobitabáe (fu); jobitabô (md).

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) 237
Bas.: Sterculia cordifolia Cav. (1788) 286, t. 143/2.
Tree, in woodland and savannah woodland.
mPh – S – N, S, E – fl: ii; fl&fr: ii-iv; fr: xi
V.N.: m’bué (ba); budjanhi (bf); mandjanja, manjandja (cr); utuludjene (dj); tábá (fu); tabô (md).

Cola laurifolia Mast. (1868) 222
Tree, in riparian forest and on river banks.
mPh – SG – S, E – fr: v; xi; fl&fr: vi

Cola nitida (Vent.) Schott & Endl. (1832) 33
Bas.: 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&fr: xii; fr: xii, i
V.N.: uncurame (ba); buîr (planta), mancúir (fruto) (bf); cola, coleira (cr); görò (fu); curô, cúrô-djo-ô (md); cola (mj); n’kola (nl); colo-fuquê (ss).

Dombeya quinqueseta (Delile) Exell (1935a) 263
Bas.: Xeropetalum quinquesetum Delile (1826) 84.

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.

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; fl&fr: xi; fr: vi-xii
V.N.: sôre, tobre-guelonguê (fu); cumaré-turo (md).

Solanum nigrum L. (1753) 186
Annual herb, ruderal.
Th – Cos – N – fr: i
V.N.: djagato-fôrô (fu); suludjatô (md).

Solanum terminale Forssk. (1775) 45
Shrub or woody climber, in forest edges.
mph(C) – Pal – S – fl: vi

Sphenoclea zeylanica Gaertn. (1788) 113,
Annual herb, in rivers; also in flooded rice fields.
Hel – Pan – S, E – fl: vi, x; fl&fr: vi-xi
V.N.: côssô-bsûè (ba); nhambairam-farô (fu); bum-bum, opáia (pp).
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.: büè, umbufûrè (ba); ereítô, éritû, freí tô (bj); ñassino, pau-cordà, pó-de-cabaço (cr); dácud, ùcud (cb); barquelei, tabâe, tchapelégué, tehapeleque (fu); bámé (mc); d’jubitabô, tabá, tabô (md); ibulbecana, n’bama, umbana (mj); bamba (pp); màngèboré (ss); ataksslé (td).

Waltheria indica L. (1753) 673
Subshrub, in thicket, woodland, savannah woodland, riparian forest and 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); sotchinconhedje, uhadaaru-xoxoco (fu); mejafa (nl); cujucujient (pp); bòtogue-bandanuelé (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 – fl: ix; fl&fr: viii-xii
V.N.: cunhunho (bf); lalêb-bâbos (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; fxii
V.N.: mentchelfálè (bf); sóré (cr); sobo, sóre (fu);
ń sóré, unsóré (nl); sóbè (sr); sórré (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-vii; fr: i

Grewia cissoides Hutch. & Dalziel (1927) 244
Subshrub or small shrub, in savannah woodland.
mph – 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

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.: Wormskielda 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.: buanhônhô (bf); nonha (bj); quere (fu); mafêt, rubta-kabafar (= pigeon’s food) (nl).

UMBELLIFERAE (APICACEAE) – 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.: nahtitiram (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

*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) 227  
Bas.: _Oldenlandia digyna_ Retz. (1786) 23.  
Annual herb, in wet grass savannah.  
Th – Pal – N – fl & 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.

1 **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.

**Phyla nodiflora** (L.) Greene (1899) 46  
Bas.: _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) 206  
Bas.: _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.) Kuntze subsp. **ilicifolia** (1891a) 42  
Bas.: _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: vii_  
_V.N.: pé-di-kabra-di-matu (cr); n’bankanmutban (nl)._

**Rinorea subintegri folia** (P.Beauv.) Kuntze (1891a) 42  
Bas.: _Ceranthera subintegri folia_ P.Beauv. (1808) 11.  
Syn.: _Alsodeia subintegri folia_ (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&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.

**Ampelocissus bombycina** (Baker) Planch. (1885) 31
Bas.: *Vitis bombycina* Baker (1868b) 399.
Herbaceous climber, in woodland and palm groves.

**Ampelocissus leonensis** (Hook.f.) Planch. (1885) 30
Bas.: *Cissus leonensis* Hook.f. (1849) 264.
Herbaceous climber, in forest and woodland.

**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.

**Cayratia gracilis** (Guill. & Perr.) Suess. (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.

**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.

**Cissus diffusiflora** (Baker) Planch. (1887) 496
Bas.: *Vitis diffusiflora* Baker (1868b) 390.
Herbaceous climber, in thicket and on river banks; also ruderal.

**Cissus populnea** Guill. & Perr. (1831) 134
Herbaceous climber, in woodland, savannah woodland and wet grass savannah.

**Cissus producta** Afzel. (1815b) 63
Herbaceous climber, in forest edges, thicket and woodland.

**Cissus quadrangularis** L. (1767a) 124
Herbaceous climber, in riparian forest, woodland, savannah woodland and wet grass savannah.

**Cissus rufescens** Guill. & Perr. (1831) 133
Herbaceous climber, in riparian forest, woodland, savannah woodland and wet grass savannah.

**Cyphostemma adenocaule** (Steud. ex A.Rich.) Desc. ex Wild & R.B.Drumm. (1966) 473
Bas.: *Cissus adenocalis* Steud. ex A.Rich. (1847) 111.
Herbaceous climber, in savannah woodland and wet grass savannah.

**Cyphostemma rubrosetosa** (Gilig & M.Brandt) Desc. (1967) 227
Bas.: *Cissus rubrosetosum* Gilg & M.Brandt (1912) 532.
Herbaceous climber, in riparian forest and wet grass savannah.

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

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

Wiesneria schweinfurthii Hook.f. (1883) 1007
Perennial herb, in temporary pools.
Hyd – AfT – E – fr: xii

ALOACEAE (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, móutulo (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, calô (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 woodland, 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.

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: vii; fl&fr: ix

APONOGETONACEAE – 1 genus; 1 species
FWTA 2nd ed. 3: 15–16; EPFAT 3: 16–17; FIS 9: 53–55.
A small monogenic 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.: pundebuno, 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 reference (Malaisse 1996).

Cercestis afzelii Schott (1857a) 41
Perennial herb or herbaceous climber, in woodland, 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 woodland, riparian forest and palm groves.
Geo(C) – 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.: nopicobó (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.: sarebáfae (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’bá (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/mphC – 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

BURMANNIAEAE – 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-tûrô (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, B – fl: vii-xi; fl&fr: x
V.N.: jabufu (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, x; 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) Breinan (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.: suloubuque, tamba-gangala (fu).
Commelina nigritana Benth. cf. var. nigritana (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, v; fl&fr: vii, viii; fr: x
Cyanotis longifolia Benth. (1849) 543
Perennial herb, in wet grass savannah.
Geo – SZ – N, S, E – fl: vii; fl&fr: vii, 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: x; fr: x
Floscopa aquatica Hua (1895) 122
Perennial herb, in riparian forest and rivers.
Hel – GC – S, E – fl&fr: x, 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.

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–ii; fr: xii
V.N.: gôgôdjê-sâto, gôgôdjê-sûto (fu); rum-rum (pp).

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: viii, 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).
Costus spectabilis (Fenzl) K.Schum. (1892a) 422
Bas.: 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) 495
Bas.: Fimbristylis abortiva Steud. (1855) 111.
Syn.: Bulbostylis abortiva (Steud.) C.B.Clarke (1894) 610.
Annual herb, ruderal.
Th – SZ – E – fl&fr: ix

Abildgaardia coleotricha (Hochst. ex A.Rich.) Lye (1974) 495
Bas.: 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&fr: viii, xi

Abildgaardia hispidula (Vahl) Lye (1974) 496
Bas.: 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&fr: x, xii

Abildgaardia wallichiana (Schult.) Lye (1983b) 239
Bas.: 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&fr: ix

Anosporum pectinatus (Vahl) Lye (1981) 188
Bas.: Cyperus pectinatus Vahl (1805) 298.
Syn.: A. nudicaule (Poir.) Boeck. (1869) 26; A. nudicaulis Poir. (1806) 240.
Perennial herb, in small lakes.
Hel – AfT – S – fl: v

Ascolepis eriocauloides (Steud.) Nees ex Steud. (1855) 105
Bas.: Kyllinga eriocauloides Steud. (1842) 597.
Annual herb, in wet grass savannah.
Hel – SZ – E – fl&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&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&fr: xii
V.N.: bum-ane, n’buam, mussumârré, umbuam (ba); m’pófa, n’pópa, umpópa (bf); ussâo (bj); mampufa (cr); contumô (md); entede, n’téd, n’ende, 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&fr: ix-xi
Cyperus crassipes Vahl (1805) 299
Syn.: C. maritimus Poir. (1806) 240.
Perennial herb, in mangrove borders and coastal sands.
Geo – AfT – N, B – fl&fr: xii
V.N.: bulébabu (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&fr: ix-xii
V.N.: cutchetcho, djardolè (fu); cumaretoro (md).

Cyperus difformis L. (1756) 6
Annual herb, in wet grass savannah; also in flooded rice fields.
Th – Pan – N, S, E – fl: vi; fl&fr: vi, xi, xii
V.N.: djardolé (fu); banhamo (md); junça (pt).

Cyperus esculentus L. (1753) 45
Perennial herb, in flooded rice fields.
Geo – Pan – E – fl: vi; fl&fr: xi
V.N.: djardolé (fu); banhamo (md); junça (pt).

Cyperus halpan L. (1753) 45
Syn.: 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&fr: iv-xii
V.N.: n’ruthe-foifoia (ba); coro-burudje, djardulé (fu); cuntjumpó, fatão (md).

Cyperus cf. maculatus Boeck. (1864) 539
Perennial herb, in small lakes.
Geo – AfT – B – fl&fr: v

Cyperus margaritaceus Vahl (1805) 307
Perennial herb, in temporary pools, mangrove borders and coastal sands; also in flooded rice fields.
Geo – Pan – N, S, E – fl&fr: x

Cyperus pustulatus Vahl (1805) 341
Syn.: Juncellus pustulatus (Vahl) C.B.Clarke (1894) 546.
V.N.: djardolé, djardó-sewal, udó-iafa-ó (fu); cuntjumpó (md).
Annual herb, in flooded rice fields.
Th – AfT – N, E – fl&fr: vi-x

Cyperus reducens 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&fr: x

Cyperus sphaecelatus Rottb. (1772) 21
Annual herb, in disturbed places.
Th – AfT – S – fl&fr: xi

Cyperus tenuiculmis Boeck. (1870) 286
Perennial herb, in wet grass savannah; also in flooded rice fields.
Geo – AfT – N, S, E – fl&fr: vii, xii

Diplacrum africanum (Benth.) C.B.Clarke (1894) 668
Bas.: Scleria africana Benth. (1883) 1071.
Annual herb, in wet grass savannah; also in flooded rice fields.
Th – AfT – N, S, E – fl&fr: vi-xi

Eleocharis acutangula (Roxb.) Schult. (1824) 91
Bas.: Scirpus acutangulus Roxb. (1820) 216.
Syn.: E. fistulosa Link (1820) 78.
Annual herb, in wet grass savannah; also in flooded rice fields.
Th – AfT – N, S, E – fl&fr: xi, xii

Eleocharis complanata Boeck. (1879) 562
Annual herb, in wet grass savannah.
Th – AfT – N – fl&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.: crâné-fôs (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) 876.
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), cuntemam (md); n’tede (nl); colmê (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. diphylla (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); nhamo (md); can-marê (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); fudempeedajiquel (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) 8.
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 – fl: xi; fl&fr: vi-xi
V.N.: burume-combê, mangatchaca (ba); camatão, pama (fu); góvè (ff); cametã (md); macook (nl); ocócô (pp); melà (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-ii

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-ii

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 floodeds rice fields, rainfed crops and other disturbed places.
Th – Pan – N, S, E – fl&fr: ix-ii

Lipocarpha 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

Lipocarpha 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.: tôlé (ba); unthumar (nl).

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 herba-ceous 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.) Chern. (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. propinquis 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 punilus (L.) Domin (1916) 417
Bas.: Cyperus punilus 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 mangrove 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: vii-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. aura 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.: torlé (ba); nhentam-ô (md); òémbè (pp).

Rhynchospora eximia (Nees) Boeck. (1873) 601
Bas.: Spermodon eximus 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.

Annual herb, in wet grass savannah and small lakes.

Hel – AfT – N, S, B – fl&fr: v, xi, xii

**Schoenoplectus roylei** (Nees) Ovčz. & 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 acheni** De Wild. (1926) 16

Perennial herb, in wet grass savannah and temporary pools.

Hel – AfT – N – fl&fr: xii

**Scleria aterrima** (Ridl.) Napper (1971) 445

Bas.: *S. hirtella* var. *aterrima* Ridl. (1884) 166.

Perennial herb, in savannah woodland and wet grass savannah.

Geo – AfT – S – fl&fr: vii, ix

**Scleria globonux** C.B.Clarke (1894) 671

Annual herb, in wet grass savannah.

Hel – AfAm – S, E – fr: ix-xi

V.N.: ediba (fs).

**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 melanophala** Kunth (1837) 345

Perennial herb, in wet grass savannah.

Hel – AfAm – N – fl&fr: ii
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.

Dioscorea bulbifera L. (1753) 1033
Herbaceous climber, in forest clearings, woodland, 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) (b); undome (bm); denebra, genebra, niambé-de-mato (cr); igname-sauvage (fc); púri (fu); catoco (mc); dandam, dandandim-ô (md); timomb (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, savannah woodland and palm groves.
GeoC – AfT – N, S, E, B – fr: xii, i
V.N.: inhame-di-mato, nhame-de-lobo (cr); kapol-forro (fu).

Dioscorea lecardii De Wild. (1903c) 19
Herbaceous climber, in woodland, riparian forest and wet grass savannah; also in rainfed crops.
GeoC – S – N, S, E, B – fl: viii, x; fr: x, xi

Dioscorea mangenotiana J.Miège (1958) 40, cum fig.
Herbaceous climber, in forest and woodland.
GeoC – G – N, S
V.N.: inhame (cr).

Dioscorea praehensilis 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); etétê, n’pabe, titê, umpabe (pp).

Dioscorea preussii Pax (1892) 147
Herbaceous climber in forest clearings, woodland, 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); etété, etóe (pp).

Dioscorea quartiniana A.Rich. (1850) 316, t, 96/A
Herbaceous climber, in woodland and savannah woodland.
GeoC – SZ – E – fr: ix

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); mélá (ss).

Scleria rehmannii C.B.Clarke (1898) 295
Perennial herb, in wet grass savannah.
Hel – AfT – E – fl&fr: x
DRACAEENACEAE – 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.: benenhe (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.: boaía-dabo (fl); bassatá (fs); bóco-fêto (fu); lacom-ô, naucom-ô (md); n’cópè (pp).

Sansevieria trifasciata Prain (1903) 1054
Perennial herb, in woodland.
Geo – GC – N, S – fl: i
V.N.: boaía-dabo (fl); bóco-fêto (fu); lacom-ô, naucom-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 adventive
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 amplexent** Stafp (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-farô, 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.: quèbè-fárô (fu).

**Alloteropsis paniculata** (Benth.) Stafp (1919) 486
Bas.: *Urochloa paniculata* Benth. (1849) 558.
Annual herb, in wet grass savannah.
Th – AfT – N – fr: vii

**Anadelphia afzeliana** (Rendle) Stafp (1919) 397
Bas.: *Andropogon afzelianus* Rendle (1893) 357.
Syn.: *Pogeguinea arrecta* (Stafp) 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.: buálm (bf); ibocô (bj); palha-casa, palha-de-lala (cr); leadjire (fu); n’thô (nl).

**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** Stafp (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

**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 – ArT – N, E – fl&fr: vii, viii
V.N.: labár (ba); quê-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 flooded 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 flooded 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. distichophylla (Trin.) Stapf (1919) 557.
Annual herb, in savannah woodland, mangrove borders and coastal sands; also in flooded rice fields and flooded crops.
Th – Pal – N, S, E – fl&fr: ix, x
V.N.: bocansôle (ba).

Cenotheca lappacea (L.) Desv. (1810) 189
Bas.: Chenchiella lappacea L. (1763) 1488.
Annual herb, in forest, woodland, riparian forest, palm groves and wet grass savannah; also in flooded crops.
Th – Pal – N, S, E, B – fl&fr: x-ii
V.N.: ebôcô (bi).

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 – ArT – 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 – ArT – 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, flooded crops and other disturbed places.
Hem – Pan(AlT) – N, E
V.N.: babondium (md).
A species native to tropical Africa, pantropical after introduction.

Chloris pilosa var. nigra (Hack.) Vanden Berghe (1987) 455
Bas.: C. nigra Hack. (1905) 179.
Annual herb, in savannah woodland; also in flooded rice fields, flooded crops and other disturbed places.
Th – ArT – N, E – fr: ix-xi
V.N.: djadjje (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).

Centotheca lappacea (L.) Desv. (1810) 189
Bas.: Chenchiella lappacea L. (1763) 1488.
Annual herb, in forest, woodland, riparian forest, palm groves and wet grass savannah; also in flooded crops.
Th – Pal – N, S, E, B – fl&fr: x-ii
V.N.: ebôcô (bi).
Coelorachis afraurita (Stapf) Stapf (1917) 80
Bas.: Rottboellia afraurita Stapf (1908) 98.
Perennial herb, in wet grass savannah.
Hem – AfT – N – fl&fr: xi

1 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.: cúnher (ba); náseí (fu).
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 cultivated crops and other disturbed places.
Th – SS – N, E – fl: ix; fl&fr: xi-i
V.N.: undáte (ss).

Ctenium newtonii Hack. (1887a) 229
Perennial herb, in woodland, savannah woodland, palm groves and coastal sands.
Hem – AfT – N, B – fl&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 cultivated crops and other disturbed places.
Hem – AfT – N, S, E – fl&fr: x-i
V.N.: kumbetu-de-fula (cs); calim (fu); ompá (pp).

1 Cymbopogon citratus (DC.) Stapf (1906c) 322 & 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) 85
Bas.: Panicum dactylon L. (1753) 58.
Perennial herb, in cultivated as grass.
Geo – Cos – N – fl: xi
V.N.: bógóbódje (fu); grama (pt).

Dactyloctenium aegyptium (L.) Willd. (1809) 1029
Bas.: Cynosurus aegyptius L. (1753) 72.
Annual herb, in flooded rice fields and other disturbed places.
Th – Pan – N, S, E – fl&fr: ix, xi
V.N.: cúnher (ba); náseí (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 cultivated crops.
Th – AfAm – E – fl&fr: ix

Digitaria ciliaris (Retz.) Koeler (1802) 27
Bas.: Panicum ciliare Retz. (1816) 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, windrows and other disturbed places.
Th – Pan – N, S, E, B – fl&fr: viii-xi
V.N.: fundo-bravo (cr); fonhe-tchole (fu); djadje, djadjin (md); cécelé (td).

Digitaria exilis (Kippist) Stapf (1915) 385
Bas.: Paspalum exile Kippist (1842) 157.
Annual herb, cultivated in cultivated as grass; this species occurs also spontaneously in savannah woodland and disturbed places.
Th – G – N, E, B – fl&fr: vi, ix
V.N.: fénhe, fim, finhe (ba); bofinhè (bf); fundo (cr); fonio (fc); fónio (ff); djadje, foheo, fónio (fu); uante, ōdote, udute (mc); findô (md); uante, urôte (mj); orrote, rote (pp).

Digitaria gayana (Kunth) A.Chev. (1911a) 163
Bas.: Panicum gayanum Kunth (1830) 239, t. 31.
Annual herb, in savannah woodland, mangrove borders and coastal sands; also in cultivated crops and other disturbed places.
Th – AfT – N, E – fl&fr: vii-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, pebife (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.: cûrè; iète, ura (ba); buâède (bf); fundo-bravo (cr); djadjé, djadjé-maudo (fu), obife, fônio-tchôli (ff); upadja (mc); djadjé-ô (md); pebife, guarcam (mj); imbîlô, oife (pp).

Digitaria nuda Schumach. (1827) 45
Annual herb, in rainfed crops.
Th – Pan – E – fl&fr: x

Diheteropogon amplexens (Nees) Clayton (1966a) 75
Bas.: Andropogon amplexens 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 colonom 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.: quéo, 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.: quéo (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.: nhamiqinté (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.: quêo (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.: albâli (ba); fatão (md); butchue (mj); biticatchor (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 savannah woodland 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 langula 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 mangrove 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 – Pan – 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) 214. Annual herb, in riparian forest.
Th – A/ST – E – fl&fr: xii

Hyparrhenia rufa (Nees) Stapf (1919) 304
Bas.: Trachypogon rufus Nees (1829) 345. Annual herb, in savannah woodland and wet grass savannah.
Th – Pan(A/T) – E – fl&fr: xii

Hyparrhenia subplumosa Stapf (1919) 366
Annual herb, in savannah woodland and wet grass savannah.
Th – Pan(A/T) – E – fl&fr: xi

Hyperthelia dissoluta (Nees ex Steud.) Clayton (1966c) 441
Bas.: Anthristiria dissoluta Nees ex Steud. (1854a) 400. Perennial herb in woodland, savannah woodland and wet grass savannah.
Hem – AfAm – E – fl&fr: ix-xi

Imperata cylindrica (L.) R. Br. (1797) 10
Bas.: Lagurus cylindricus L. (1759b) 878. Perennial herb, in savannah woodland and wet grass savannah; also in flooded rice fields.
Geo – Pal – N, S, E – fl: iv; fl&fr: x-v
V.N.: tchomba (bf); sódjô (fu); pessète (mc); tchumba, tumbunsuma (md); ochète (pp).

Isachne buettneri Hack. (1889b) 69
Perennial herb, in riparian forest and wet grass savannah.
Cam – G – N

i 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-farô, demba-djidam, djilambâ (fu); nhamaquintió (fo); barororo (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 – AF – 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’féndè, unféndè, unrûti (ba); uacundê (bj); siné (fu); cine-ghan sine-ô, cinéu, sineu, (md); olaquicom (pp).

Leptochloa coerulescens Steud. (1854a) 209
Perennial herb, in wet grass savannah; also in flooded rice fields.
Hel – A/ST – E – fl&fr: xii
V.N.: n’féndè, unféndè, unrûti (ba); uacundê (bj); siné (fu); cine-ghan, cinéu, sine-ô, 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 – fl&fr: x-xii
V.N.: balabaque (fu); suluňhantam-ô (md).

Loudetia phragmitoides (Peter) C. E. Hubb. (1934b) 428
Bas.: Trichopteryx phragmitoides Peter (1938) 96. Annual herb, in riparian forest and wet grass savannah; also in flooded rice fields.
Hel – A/ST – N, E – fl&fr: x-xii
V.N.: balabaque (fu); sulunhantam-ô (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.: *Dilophotricha 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

**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.: québè-sufô, quénè-súfò (fu); bondim, suluquemom (md).
Introduced species, native to tropical America.

**Oryza barthii** A.Chev. (1911b) 405
Annual herb, in wet grass savannah; also in flooded rice fields.
Hel – AfT – S, E – fr: xi
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, marô-cümârê, 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 (b); bambu, cana-bambu (cr); bambor (fc); québè (ff); djambarlam, quênê (fu); djambarlam-ô (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) 89
Syn.: *P. aphanoneurum* Stapf (1920) 687.
Perennial herb, in woodland, savannah woodland and wet grass savannah; also ruderal.
Hem – AfT – N, S, E, B – fl&fr: ix-xii

**Panicum gracilicaule** Rendle (1899) 179
Syn.: *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&fr: x-xii

* I **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&fr: v-xii
V.N.: hehé, 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&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&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&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&fr: ix

**Panicum tenellum** Lam. (1791) 173
Syn.: *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&fr: viii-i

**Panicum walense** Mez (1904) 146
Annual herb, in wet grass savannah.
Th – Pal – E, B – fl&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) 29
Syn.: *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&fr: viii-iii
V.N.: quenquessama (ff); cumba-djuputurum, cuntenterem, djába-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 – 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) 195
Bas.: *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&fr: ix-xi
V.N.: midjo-preto, milho-malha, milho-preto (cr); madja (fu); madjó (md).
An afrotropical species, cultivated as cereal, with several cultivars introduced into other tropical regions.

**Pennisetum hordeoides** Lam. (1798) 729
Bas.: *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&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.
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.: oncóco (pp).

Rhytachne gracilis Stapf (1905a) 98
Annual herb, in coastal sands.
Th – G – N – fl&fr: i

Rhytachne triariistata (Stud.) Stapf (1917) 85
Bas.: Lepturopsis triariistata Stud. (1854a) 358.
Annual herb, in savannah woodland and wet grass savannah.
Th – AfT – N, E, B – fl&fr: ix-ix

Rotboellia cochinchinensis (Lour.) Clayton (1981) 817
Bas.: Stegosia cochinchinensis Lour. (1790) 51.
Syn.: Rotboellia 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: vii–i

Sacciolepis micrococca Mez (1918) 122
Annual herb, in wet grass savannah.
Hel – SZ – N, S, E – fl&fr: 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); enchéré (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 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 rupestreis 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’tehuacufalo, uinchancufalo (ba); udetcholôé (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 (Stead.) 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.: buadôti (grão) (bf); midjo-cabal, milho-cavalo (cr); basse-bassi, nhame-quito, quin-terim (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 – SG – 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

Streptogyna crinita P.Beauv. (1812a) 80, t. 16
Syn.: S. gerontogaea Hook.f. (1900) 301.
Perennial herb, in mangrove, mangrove borders and coastal sands.
Geo – Pan – N, B – fl&fr: x

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. tacazzeanum (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 ulvaeolium 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.: Gethlys 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. quartanius 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

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

Zygotritonia praecox Stapf (1927) t. 3120
Perennial herb, in wet grass savannah.
Geo – S – E – fl: vi
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

**Wolfia 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).

**Sarcophrynium brachystachyum** (Benth.) K.Schum. (1902) 36
Bas.: *Maranta? brachystachys* Benth. (1849) 531.
Perennial herb, in forest ecotone and riparian forest.
Geo – GC – S – fl: vii; fr: iv

**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’txenplálé (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
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).

**Calyptrochilum christyanum** (Rchb.f.) Summerh. (1936) 450
Bas.: *Angraecum christyanum* Rchb.f. (1880) 806.
Perennial herb, epiphyte on trees, in woodland, savannah woodland and 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); satoléde (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

**Diaphananthe 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.: entúntum-maré (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 – 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) 424, 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.: entúntum-maré (bj); pontotoitche (= epiphyte) (fs).
Habenaria buettneriana Kräenzl. (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

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 aethiopium as timber in roofs, Calamus 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);
dübè, palmier-rônier, rônier (fc); dübè (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); qito (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);
eárra, lara (bj); palméra (cr); palmier-à-huile
(fc); tuguëhi (ff); tem-em-eih (fu); tem-ô
(md); mintchane (mj); n’ quemë (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, sêtè (mn).

Laccasperma 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.
mp – AfT – N, S, E, B – fl: ii; fr: iv, xi, xii
V.N.: sarâba, sérquê (ba); buadiá (bf); mandjaca
(bj); bèlin (fu); bam-ô, corossedjambo, có-
rôssô (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.
mp – G – N – fl: i, iv; fl&fr: xii
V.N.: darré (ba); ápél (singular), befén (plural)
(cb); tara, tara (cr); mâmbâmpa-tara (cs).

Pandanus guineabissauensis Huynh (1987) 140 — Fig. 14
Tree-like plant, along river banks.
Species known only in Guinea-Bissau.
mPh – GB? – S – fr: viii

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
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** Rehbach 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 temporary 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 – AF – 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-ô (md); omáia, piôme (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 – AF – 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 – AF – N – fl: x

**Xyris decipiens** N.E. Br. (1897b) 3
Perennial herb, in wet grass savannah and temporary pools.
Hel – AF – 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 – AF – E – fl: xii
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.: *Anomum 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: iί
V.N.: férene (ba); belencufa (cr); dadigôgo (ff); dadigôgô (fu); brene (mc); balencufa, belencufô (md); beumbam, buhuma, bu-rama (mj); mabobé (nl); brumbrum (pp); bōbō (ss).

**Aframomum sceptrum** (Oliv. & Hanb.) K.Schum. (1904) 214
Bas.: *Anomum 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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