

Quick Guide

This book is divided into two sections: the first part provides descriptions of some common trees and shrubs of Botswana, and the second is the complete checklist.

The scientific names of the families, genera, and species are arranged alphabetically.

Vernacular names are also arranged alphabetically, starting with Setswana and followed by English. Setswana names are separated by a semi-colon from English names.

A glossary at the end of the book defines botanical terms used in the text.

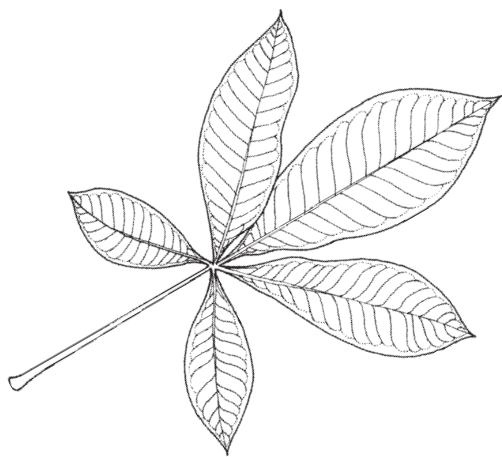
Species that are listed in the Red Data List for Botswana are indicated by an ® preceding the name.

The letters N, SW, and SE indicate the distribution of the species within Botswana according to the *Flora zambesiaca* geographical regions.

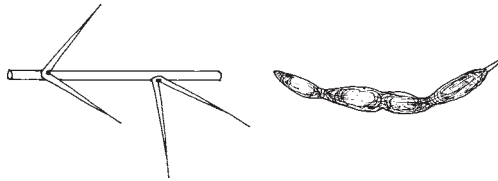
Flora zambesiaca regions used in the checklist.

Administrative District	FZ geographical region
Central District	SE & N
Chobe District	N
Ghanzi District	SW
Kgalagadi District	SW
Kgatleng District	SE
Kweneng District	SW & SE
Ngamiland District	N
North East District	N
South East District	SE
Southern District	SW & SE





Trees of Botswana: names and distribution



Moffat P. Setshogo & Fanie Venter

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back cover: *Bauhinia petersiana* subsp. *macrantha*, flower; *Sterculia rogersii*, fruit; *Terminalia prunioides*, fruit; *Bauhinia petersiana* subsp. *macrantha*; *Sterculia rogersii*, fruit.

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Trees of Botswana: names and distribution

by

Moffat P. Setshogo & Fanie Venter



2003

Southern African Botanical Diversity Network Report No. 18

University of Botswana Herbarium

Rev. Dr P.J. Mott established the University of Botswana Herbarium in 1973 as part of the University of Botswana, Lesotho, and Swaziland (UBLS). In 1980, the herbarium was registered and listed in the Index Herbariorum. Two years later it became the Herbarium of the University of Botswana (UCBG).

UCBG is a teaching and research facility administered by the Department of Biological Sciences. It serves students and staff members who require assistance—mostly in plant taxonomy. In addition, the herbarium offers assistance to government institutions, non-governmental organisations, other researchers, and members of the public. The herbarium charges a fee for commercial or private consultancy.

The Herbarium Plant Collection

The herbarium contains about 10,000 specimens collected from different parts of Botswana, and a few from neighbouring countries. The collection is made up of carefully collected, preserved, dried, mounted, and labelled plant specimens. The collection is arranged by family according to the Cronquist Classification System. Most of the collections in the herbarium are by J.M. Woollard and P.J. Mott.

Activities and Services

Some of the main activities and services provided by UCBG are:

- Collecting and preserving plant specimens from different regions of Botswana
- Encoding the herbarium specimens using the PRECIS database
- Serving as a standard reference for identifying newly collected plant specimens
- Serving as a reference collection for Plant Taxonomy and other botanical courses provided by the university, and trains students in herbarium practices
- Providing information on plant diversity, distribution, and promoting awareness in plant conservation and utilization

- Providing information on plant vernacular names

Funding

UCBG functions, activities, and equipment are budgeted for under the Department of Biological Sciences. It has, however, benefited considerably from the SABONET project since 1997.

SABONET funding has made it possible to purchase a computer and PRECIS Database software, which is being used to encode and keep a record of the specimens in the herbarium.

Projects

SABONET is assisting UCBG and GAB in the compilation of the Poaceae Checklist (GAB), the National Tree List (UCBG), and the National Checklist (UCBG).

Additional projects include:

- A compilation of vernacular plant names (in collaboration with the National Herbarium (GAB), Sebele (MAH), and Peter Smith Herbarium (PSUB))
- The Flora of Botswana project
- An inventory of useful indigenous plants of Botswana

Literature

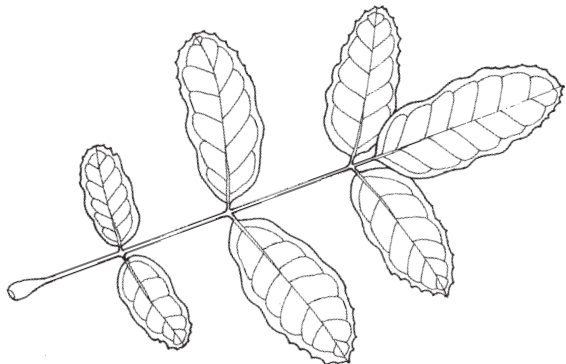
The library collection is mainly from donations by SABONET, from other herbaria, and research reports. Some books are on permanent loan from the University of Botswana library. UCBG is well equipped with a small literature collection of about 1,000 books.

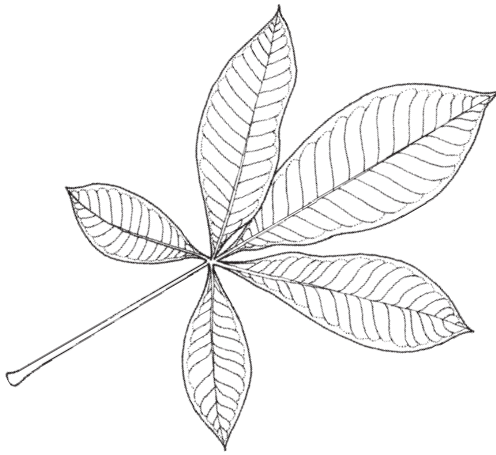
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Introduction

There are approximately 3 200 species of flowering plants recorded for Botswana: no comprehensive checklist exists for these. Similarly, no checklist has been compiled for trees at a national level. Information on tree species of Botswana is scattered in various regional publications (Coates Palgrave 2002, Van Wyk & Van Wyk 1997, Van Wyk *et al.* 2000, Van Rooyen 2001). Books by Ellery & Ellery (1997) and Roodt (1998) consider a few common trees and those of ethnobotanical importance in the Okavango Delta. Timberlake (1980) gives the only comprehensive account of the genus *Acacia* in Botswana.

This book, therefore, represents the first attempt at producing a national checklist of tree species recorded for Botswana—it lists approximately 440 species of indigenous trees. It does not claim to be exhaustive, and will be expanded as more data becomes available.

Definitions

The definitions of a tree and a shrub used in this book follow Venter & Venter (1996): a tree is any perennial woody plant growing to a height of at least 2 m, while a shrub is less than 2 m tall and mostly multi-stemmed.

Data collection

Data on the distribution of the species was gathered during numerous field trips covering literally the whole country. Information was also gathered from herbarium specimens

at the following herbaria: FHO, GAB, K, NH, PRE, PSUB, SRGH, UCBG, UNIN, and WIND (herbarium codes according to Holmgren *et al.* 1990; Smith & Willis 1999). Voucher specimens for the different species are indicated together with the herbaria housing them.

Arrangement of the list

The book is divided into two sections: the first part provides descriptions of some common trees and shrubs of Botswana, and the second is the complete checklist.

Circumscription of families and genera follows Leistner (2000). To ease reference, the scientific names of the families, genera, and species are arranged alphabetically. Similarly, the vernacular names are also arranged alphabetically, starting with the Setswana name(s) and followed by the English ones. Setswana names are separated by a semi-colon (;) from the English names. Species that are listed in the Red Data List for Botswana (Setshogo & Hargreaves 2002) are indicated by an ® preceding the name.

A distribution map and line drawing of the leaves accompany every taxon in the list. The maps were created in MAPFIT, based on PRECIS data. Fanie Venter and Marietjie Steyn made the leaf drawings.

A glossary at the end of the book defines botanical terms used in the text.



Sources of vernacular names

Vernacular names in the list were obtained in the following ways:

- Recorded during the field trips from local informants.
- From lists published from a number of other sources, for example, Campbell & Hitchcock (1985) and Woollard (1981, 1984). Literature was used extensively for the English names.
- From herbarium specimens, which often had Setswana names recorded against them.

For Setswana names, no attempt was made to indicate either the tribe (or dialect) or part of the country where the name was in com-

mon use. More research is needed before this can be done. An exception is with the San/Sesarwa names of *Acacia* species, which are listed according to Timberlake (1980).

Distribution of the species

The letters N, SW, and SE indicate the distribution of the species within Botswana according to the *Flora zambesiaca* (FZ) geographical regions (Pope & Pope 1998). These are explained in Table 1.

The maps show the division of Botswana into administrative districts (Figure 1) and FZ geographical regions (Figure 2). The distribution maps for individual species are based on herbarium collections.

Table 1. *Flora zambesiaca* regions cited in the checklist.

Administrative District	FZ geographical region
Central District	SE & N
Chobe District	N
Ghanzi District	SW
Kgalagadi District	SW
Kgatleng District	SE
Kweneng District	SW & SE
Ngamiland District	N
North East District	N
South East District	SE
Southern District	SW & SE

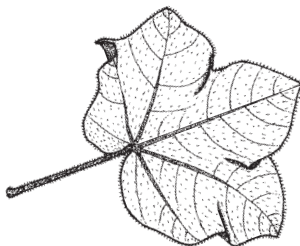




Figure 1: Administrative districts of Botswana.

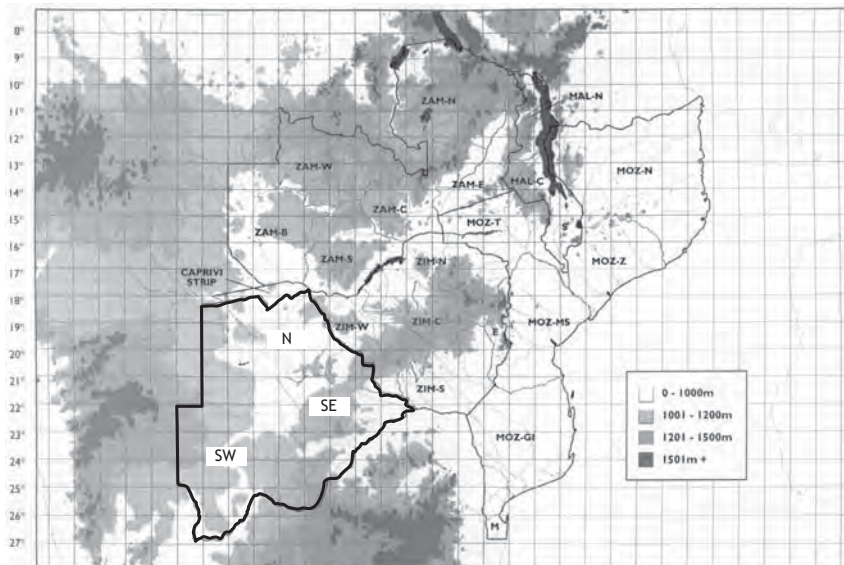


Figure 2: Flora zambesiaca geographical regions. (Source: Pope & Pope 1998)

Descriptions of some common trees of Botswana

This section contains descriptions of a few common and useful species in the list. They are arranged alphabetically by family, and alphabetically by genus and species within families.

A glossary at the end of the book defines botanical terms used in the text.

Monocotyledonae

ARECACEAE

Palm Family

***Hyphaene petersiana* Klotzsch ex Mart.**

mokolane, mokolwane; northern ilala palm, real fan palm

A medium-sized palm tree with a single bare and straight stem. The stem often has scars from where the old leaves have fallen off. The leaves are fan-shaped, with long stalks having recurved thorns. The male and female flowers are on separate individuals. The fruit is characteristically brown to reddish brown.

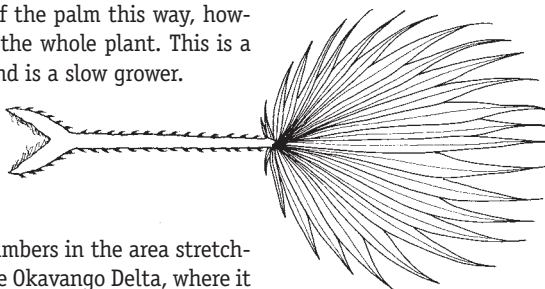
The plant is defoliated to expose the stem and the sap is collected from these stems. It is then distilled into an alcoholic beverage called *muchame*. The use of the palm this way, however, is worrisome, since it destroys the whole plant. This is a very difficult species to propagate and is a slow grower.

The nuts are eaten raw. The leaves are used to make baskets: the species is one of the major species supporting the basket industry in the Okavango Delta.

H. petersiana occurs in sizeable numbers in the area stretching from Nata village, westward to the Okavango Delta, where it occurs mostly on seasonally flooded areas. It is thought to be an indicator of saline soils.



actual size: 1300 mm



Dicotyledonae

ANACARDIACEAE

Mango family

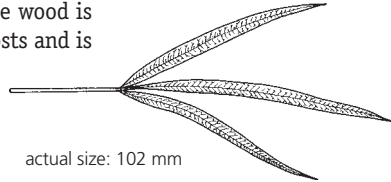
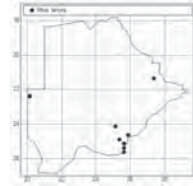
***Rhus lancea* L.f.**

moshabela, mosilabele, motshotiso, motshotlho, nsasane, nseseni; bastard willow, karee, karoo tree, willow rhus

This is a small to medium-sized evergreen tree normally occurring in varying habitats. It has a characteristic rough dark brown bark. Leaves of the species have differently coloured surfaces; they are dark green above and paler green below. The leaves give out a characteristic aromatic smell when crushed. The fruit is a small, edible, flattened, dull yellow to brown drupe.

The fruit can be pounded with water and allowed to ferment to make a good beer (Van Wyk & Van Wyk 1997). The wood is hard, tough, and durable. It is valuable as fencing posts and is used to make handles for some implements. The bark of *R. lancea* is also used for tanning. The tree can be cultivated as a garden ornamental.

This tree can be confused with *Rhus leptodictya*, from which it is separated by the nature of the leaves. The margins of the leaflets are entire in *R. lancea* and toothed in *R. leptodictya* (see description of *R. leptodictya* below).



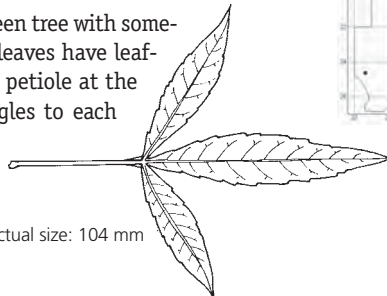
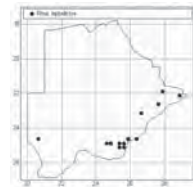
actual size: 102 mm

Rhus leptodictya Diels

lehata-la-basimane, mogogobadimo, motshotlho, motshotlwane, nsasane; mountain karee, rock rhus

This is a small to medium-sized evergreen tree with somewhat drooping branches. The trifoliate leaves have leaflets with toothed margins, join the leaf petiole at the same point and are almost at right angles to each other. The fruits are small, edible, flattened, orange-red drupes.

Intoxicating liquor can be made from the fruit (Roodt 1998).



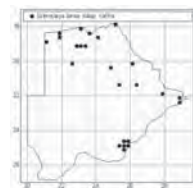
actual size: 104 mm

Sclerocarya birrea (A.Rich.) Hochst. subsp. *caffra* (Sond.) Kokwaro

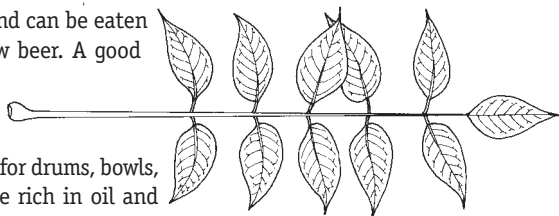
morula, morwa, ntala, nthula; cider tree, marula tree

A medium to large deciduous tree with an erect trunk and a spreading, rounded crown; dioecious. Leaves are crowded near the ends of branches. Fruit is yellow when ripe, with a very juicy mesocarp.

The most valuable asset of this tree is its fruit; therefore the tree is often conserved, even in cultivated lands. Marula fruits are rich in vitamin C and can be eaten ripe, but are popularly used to brew beer. A good jelly can be made from the pulp. The wood of *S. birrea* does not crack easily, hence it is used to make pestles for stamping grain. It is also suitable for drums, bowls, plates, and spoons. Seed kernels are rich in oil and



actual size: 294 mm



protein. The bark is traditionally used for treating malaria.

It is believed that a pregnant woman can influence the sex of the unborn child by drinking an infusion of the bark from either a male or a female tree.

It occurs throughout the eastern, southeastern, and northern parts of the country, often growing at very low population densities per unit area.

BOMBACACEAE

Baobab family

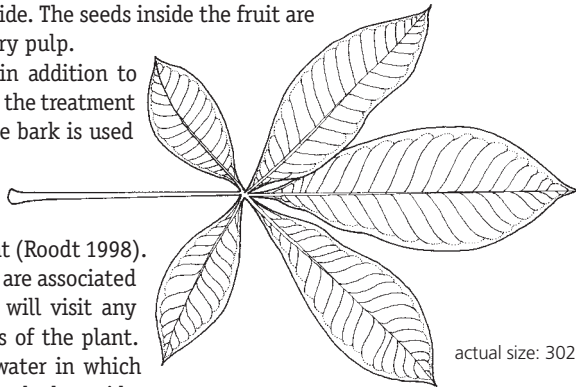
***Adansonia digitata* L.**

dovuyu, ibozu, mbyuyu, moana, mobuyu, mowana; Africa's upside-down tree, baobab

This tree is sometimes referred to as Africa's upside-down tree (when leafless, the branches have the appearance of roots). It has a hugely swollen trunk. The fruit is large (up to 12 cm long), with a hard woody shell, and is covered by yellowish grey, velvety hairs on the outside. The seeds inside the fruit are embedded in a whitish powdery pulp.

The leaves contain tannin in addition to mucilage, which is effective for the treatment of diarrhoea (Roodt 1998). The bark is used for making mats. The toxin in the latex of this plant includes a cardiac glucoside, strophanthin, which slows the heartbeat (Roodt 1998).

Certain superstitious beliefs are associated with this species. Evil spirits will visit any person who plucks the flowers of the plant. It is also said that drinking water in which parts of the plant have been soaked provides protection against crocodiles.



actual size: 302 mm

CAPPARACEAE

Caper family

Boscia albitrunca* (Burch.) Gilg & Benedict var. *albitrunca

makgolela, mareko, monomane, motlopi, ntopi; caper bush, shepherds' tree

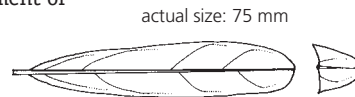
The trunk of this species is characteristically whitish (*albitrunca*). The leaves are clustered or fascicled on the branches. The fruits ripen to yellow, with a sweet, slimy pulp and a smooth



skin. A delicious drink is prepared blending the fruits with milk.

Coates Palgrave (2002) refers to this species as 'a tree of life' because of the various uses it has to humans, livestock, and wild animals. The leaves provide nourishing fodder for game and livestock. A cold infusion of the leaf is used as a lotion for inflamed eyes of cattle. The wood is tough and durable; it is used to make household utensils such as spoons and bowls. A decoction of the root is said to be effective in the treatment of haemorrhoids (Roodt 1998). Birds, baboons, monkeys, elephants, as well as humans, eat the fruit.

It is believed that if the wood of the species is burned, only male calves will be produced. It is also said that if the fruit withers before the sorghum crop harvest, the crop will fail.



COMBRETACEAE

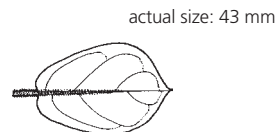
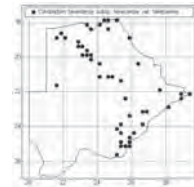
Combretum family

***Combretum hereroense* Schinz**

mokabi, mokata, mongare, monwana, mungave, nswazwi; mouse-eared combretum, russet bushwillow

A small tree, 3–5 m in height. A characteristic feature of this species is its typical four-winged *Combretum* fruit (samara). However, this fruit is smaller than that of similar-sized combretums. It is rich dark reddish brown from an early age, becoming rich brown with golden-edged wings. The fruits remain on the tree for a long time.

An infusion of the roots is used for stomach disorders (Roodt 1998). Like all other combretums, the wood is very hard, tough and durable and it provides excellent firewood. It is termite and borer proof. Most browsers eat the leaves and small twigs of *C. hereroense*.



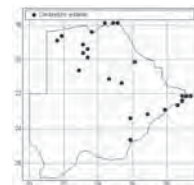
***Combretum imberbe* Wawra**

kavimba, madikolo, mbgweti, monyondo, motswere, motswiri, movimba; bastard yellow wood, elephant trunk, ivory tree, leadwood

This tree has a characteristic pale grey bark that cracks into rectangular flakes. Mature trees often have dead, bare branches and twigs. The grey-green foliage gives it a characteristic tinge throughout the year. The species flowers in October.

According to Coates Palgrave (2002), a cough mixture can be prepared from the flowers.

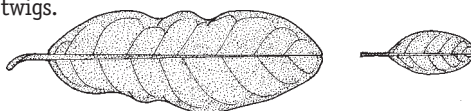
C. imberbe grows very slowly, forming exceptionally hard wood. Prior to the advent of iron implements, hoes were made of the timber and in the past it was used for railway sleepers, fencing posts, and mine props. The wood is very good fuel and is also



used to make grain mortars. The fruits make beautiful necklaces. Browsers eat the leaves and young twigs.

The Herero worship this tree as an ancestor of all animals and people.

actual size: 84 mm



***Combretum molle* R.Br. ex G.Don**

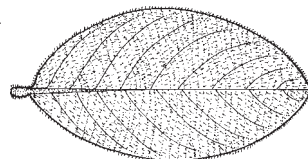
modubatshipi, mohudiri-wa-lentswe, molatswe; velvet bushwillow, velvet-leaved combretum

A small to medium-sized tree up to 10 m in height. The bark is grey, grey-brown to almost black, rough and fissured, and inclined to be flaky. Leaves are opposite and the apex tapers; the base is rounded to shallowly lobed and margins are entire. Flowers are greenish and heavily scented, attracting insects; they appear in September/October. The fruit is yellowish green flushed with red, drying to golden reddish brown.

According to Roodt (1998), fresh or dry leaves of the species are used for dressing wounds. The leaf and the root are also believed to be an antidote for snakebite, while the root alone is used to treat both abortion and constipation. A feverish child is bathed in a decoction of the dried leaves to reduce its temperature, while an infusion of the inner bark is taken orally or as an enema to relieve various stomach complaints. The wood is hard and yellow; it is suitable for implement handles and fencing posts and is said to be reasonably termite-proof.



actual size: 80 mm



EBENACEAE

Ebony family

***Diospyros lycioides* Desf. sensu lato**

letlhaja, letlhajwa, molootsameno, mothajaja, nshangule; bluebush, hairy bluebush, Kalahari star-apple, red star-apple, Transvaal bluebush, velvet bluebush

This plant occurs as a shrub in most parts of Botswana. The leaves are clustered towards the ends of branches. The plants are dioecious. The fruit is a berry, orange-red to dark red when ripe, usually with a persistent calyx.

The bark is sometimes used for tanning. The root of this shrub is an excellent substitute for toothpaste.



actual size: 36 mm



***Euclea undulata* Thunb. subsp. *myrtina* (Burch.)**

Hiern

mokwelekwewe, moshitondo, mosokola, motlhakola, motlhakolana, motlhakolane, motlhakolwana, motlhakolwane, motokola, nshangule-ntukunu; common guarri, fire-fighter's blessing, small-leaved guarri, thicket euclea

actual size: 29 mm



This is a shrub with characteristic undulate leaves (with wavy margins). It has berry-like fruits of about 5 mm in diameter, which are initially brownish red, turning black at maturity.

The roots are used medicinally for heart diseases, headaches, and toothaches (Van Wyk & Van Wyk 1997).



EUPHORBIACEAE

Euphorbia family

***Bridelia mollis* Hutch.**

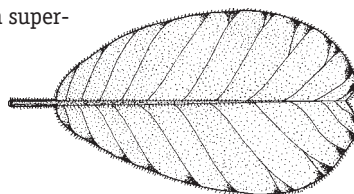
mokokokwena, mokokonane, kokokonyana, kokokwane, kokokwele, kokokwenana, kokokwenane, kokomanawe, kokopakopa, kokopokopo, kokororo, mongwanengebe, nkumbakumba; velvet bridelia, velvet sweetberry

A small shrub common on rock outcrops and hills. It has characteristic velvety leaves (*mollis*). It produces a spherical edible fruit, green when immature, and turning black when mature.

The wood is apparently not used for fuel because of a superstitious belief that its use might result in cows never bearing calves. The wood is, however, good for making implements, house timbers, and fences. The leaves are boiled and the solution rubbed on the body.



actual size: 93 mm



Croton gratissimus* Burch. var. *gratissimus

mhakwana, mmakwana, moologa, ngala-dombo, umumbango; lavender croton, lavender fever-berry

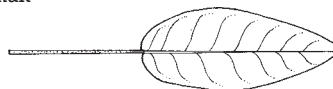
This is a multi-stemmed tree of rocky places. Leaves are dark green above and silvery on the lower surface, dotted with many brown scales. There are two small glands where the stalk joins the leaf. Flowers are small and rather inconspicuous; they appear in October. The fruit is a small, three-lobed capsule.

The leaves and bark are used medicinally. The tree is also very popular with boys who use its Y-shaped branches for making catapults. The slender stems of the species are used in the roofs of traditional huts.

This species is generally characteristic of hills in southern Botswana.



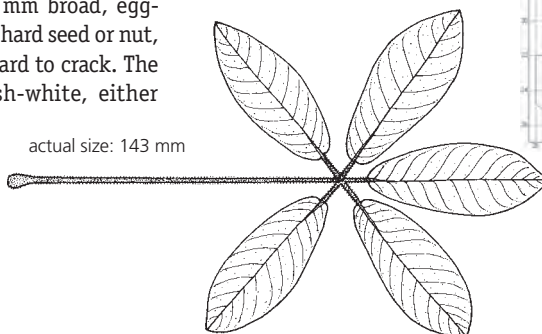
actual size: 88 mm



***Schinziophyton rautanenii* (Schinz) Radcl.-Sm.**

mokongwa, mongongo, mungongo; featherweight tree, manketti nut, manketti tree, mongongo nut

This species has a nutritious and well-known fruit. It is about 35 mm long and 25 mm broad, egg-shaped, fleshy with a hard seed or nut, which is extremely hard to crack. The kernels are yellowish-white, either eaten raw or roasted, and taste like cashew nuts. The nut is pounded and cooked with a variety of vegetables (Story 1958). It is distributed in northern Botswana.

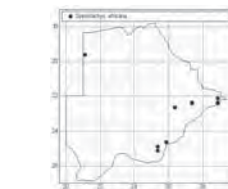


Spirostachys africana Sond.

morekhure, morukuru; African mahogany tree, African sandalwood, jumping bean tree, tamboti

This tree is valued for its straight, upright, single bare trunk, which makes it amenable to many uses. The bark is characteristically dark to black and neatly cracked into regular rectangles. The plant produces a milky latex when its branches are injured. The species flowers in October.

S. africana occurs in the eastern hardveld of Botswana. The wood is used to make splendid furniture. It provides hut poles and rafters and is also used for making sledges.



FABACEAE

Pod-bearing family

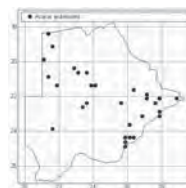
Acacia species

These are typical thorn bushes and thorn trees comprising a major part of the vegetation of Botswana. All acacias have bipinnate leaves, pairs of straight or hooked thorns, and flattened pods. Thorns and details of leaves are most important in separating species of this difficult genus. Flowers are fluffy, occurring in inflorescences of two types, a long spike and a round ball. All acacias are deciduous.

Acacia erubescens Welw. ex Oliv.

g//are (G//ana), moloto, murengambo, n!ã (!Kung), omungongomwi; blue thorn

A small tree or bush. It has 4–6 pairs of pinnae of 10–15 pairs of leaflets. Leaflets are relatively small and it has vicious, hooked thorns. The bark of *A. erubescens* is pale, even cream, and sometimes flaking. The pods are pale-brown, thin, flat, and horizontally veined. This species can be confused with *A. fleckii*, but



the latter flowers later, has many more pinnae, has small leaflets, and has a shorter leaf stalk (see description of *A. fleckii* below). The species flowers in October.

Livestock may browse leaves and pods. The bark is used for making rope used in thatching. The wood is used for firewood and fence posts.



actual size: 80 mm (pod)



Acacia fleckii Schinz

/kane, gare (G//ana), mfafu, mhahu, mohahu, mokoka, mokoko, mokokwane, mukona, n=ahli (!Xó), n=eng (!Kung), omutaurambuku; blade thorn

A tree or bush, with 6–15 pairs of pinnae of 10–30 pairs of densely crowded leaflets. Leaflets are grey-green, small and hairy. *A. fleckii* has a prominent gland near the base of the stalk and vicious, hooked thorns. Young twigs of *A. fleckii* are pale grey and slightly zigzag. Bark on the trunk is pale to cream, flaking. Pods are pale, brown, broad, thin, often slightly curled up and horizontally veined.

Leaves are browsed by animals. The wood is used for firewood.



actual size: 80 mm (pod)

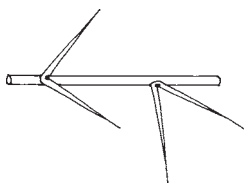


Acacia karroo Hayne

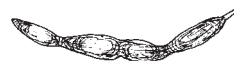
butema, gaba, mokha, mooka, mookana, mookane, orusu; gum Arabic tree, karroo thorn, mimosa thorn, sour thorn, sweet thorn, thorn tree, white thorn

The characteristic features of this species include the following: a dark and rough bark; striking, long, paired, white thorns; yellow, sweet-smelling, ball-like flowers producing copious amounts of nectar. Sometimes called the 'bee tree' because bees in search of nectar visit it. It is one of the last acacias to flower in spring. The trees exposed to browsing by animals tend to be thornier, usually on lower branches where the animals can reach easily. The pods are sickle-shaped and dehisce by splitting lengthwise in the middle.

This is a good fodder tree, browsed by cattle and goats. The bark can be used for tanning leather.



actual size: 80 mm (pod)



Acacia mellifera (Vahl) Benth. subsp. *detinens* (Burch.) Brennan

!gou (!Kung), //ha (!Xó, Nharo), //kowa, //wa (G//ana), mongana, monka, more-o-mabele, mukona, nkoshwana, omusaona, ungandu; black thorn, hook thorn, wait-a-bit thorn

This tree often bushes in large thickets. This species has 2–4 pairs of pinnae and rarely possesses more than one pair of large leaflets. It also has many hooked thorns. Flowers of *A. mellifera* are sweet-smelling white balls, appearing just before or with the leaves. Pods are short, broad, papery, pale brown, and hori-



zontally veined. The fruits appear in October.

This species can be confused with *A. nigrescens* (see description of *A. nigrescens* below) from which it is distinguished by the absence of knobs on stems and branches.

A. mellifera is one of the most valuable fodder trees and is highly sought-after by game and livestock. It contains a high percentage of raw protein and is thus often ground up to feed game and livestock. It is used traditionally as medicine. For instance, roots can be used to relieve stomach complaints. It is often thought undesirable in the range when it encroaches on overgrazed areas. It is also an indicator of calcium-rich soils.



actual size: 66 mm (pod)



***Acacia nigrescens* Oliv.**

goshwe, mokoba, more-o-mabele, mughandutji, mwanduchi, nkogo, yi (!Kung); knob-thorn

This is usually a tree of up to 30 m in height. Its characteristic feature is the scattered, irregularly shaped knobs on the trunk and large branches. The leaflets are uncharacteristically large for an *Acacia* (up to 30 mm long by 20 mm wide), normally two pairs of pinnae per leaf.

It can be confused with *A. mellifera*, from which it is distinguished by the leaflets and the knobs on the trunk and branches. Both *A. mellifera* and *A. nigrescens* are good barrier plants because of their vicious, hooked thorns, hence they are usually used in kraal and homestead fences.

The tree is extremely fire resistant and is therefore an excellent firewood. The leaves are eaten eagerly by browsers.



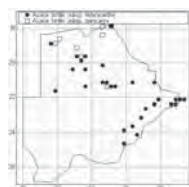
actual size: 66 mm (pod)



***Acacia tortilis* (Forssk.) Hayne subsp. *heteracantha* (Burch.) Brenan**

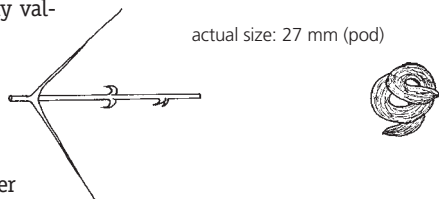
/gali (!Kung), mojwa, mokhu, morwane, moshaka, moshu, mosu, mosunyana, mudjwa, nsu, orusu-orupunguya; curly-pod acacia, umbrella thorn

This is a deciduous tree and usually not more than 10 m high. In northern Botswana (Moremi Game Reserve) some trees reach 20 m. The well known, conspicuous umbrella-shaped crown only develops fully in old specimens; young trees have roundish or flat-topped crowns. The stem is usually fairly short and the main branches are bare. Old bark is dark grey to black, longitudinally fissured and ridged. The sharp spines of *A. tortilis* are unique: some are short, blackish and hooked, while others are long, white and straight. The spines occur in pairs, mostly two of the same kind together, but sometimes mixed (thus a hooked and a straight spine together). The bipinnately compound leaves are probably the smallest among the thorn trees. The same ap-



plies to the leaflets, which are minute (1.5 x 0.5 mm). The fruit consists of characteristic, pale brown pods, which are always spirally contorted and sometimes intertwined with each other.

The wood is used as fuel. The pods are highly valued, showing contents of 18.83% protein, 2.44% fat, 46.25% carbohydrates, 5.1% minerals, and 20.1% fibre (Roodt 1998). They are browsed by game and are also collected by farmers for feeding small stock. The tree is common on abandoned and old ploughed fields, and is an encroacher on heavily eroded lands.

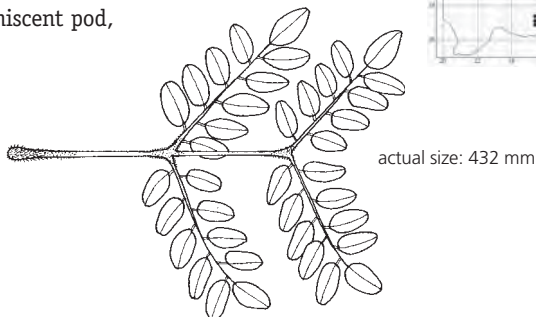


***Burkea africana* Hook.**

kudumela, monato, mosheshe, nkalati, ohehe; burkea, red syringa, Rhodesian ash, wild syringa

This tree has a dark grey, rough and flaking bark. The leaves are crowded at the ends of branchlets. The fruit is a thin, flat, single-seeded, indehiscent pod, often persistent for months.

The timber has been used for wagons and furniture. The pounded bark and fruit are used as a fish poison. The bark and fruit are also used for tanning (Roodt 1998).



***Colophospermum mopane* (Kirk ex Benth.) Kirk ex J.Léonard**

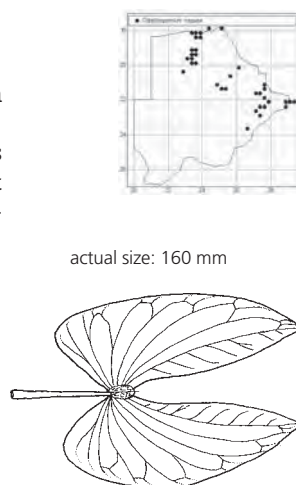
mophane, mpani; balsam tree, black ironwood, butterfly tree, mopane

The species has a characteristic butterfly leaf. The fruit is a kidney-shaped pod, covered in oil glands.

The southernmost distribution of the species in Botswana is just north of Radisele village. It usually dominates wherever it occurs, forming a distinct vegetation type called 'Mopane woodland'. It is regarded as an indicator of shallow, poorly drained, often alkaline, soils. It is slow-growing outside its distribution range.

C. mopane is the most sought-after building material in Botswana, as it is almost completely termite-resistant and the straight growth form of the young specimens lends itself to utilisation for this purpose. It is also ideal for fencing poles and wagon shafts. *C. mopane* is also a host for the commonly harvested *phane* worm in Botswana.

It is thought that mopane trees attract lightning.



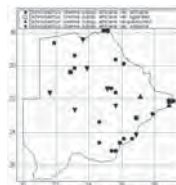
***Dichrostachys cinerea* (L.) Wight & Arn. sensu lato**

moselesele, mpangale; hairy sickle bush, Kalahari Christmas tree, large-leaved sickle bush, sickle bush, velvet sickle bush

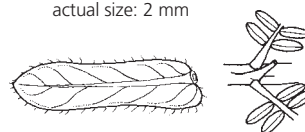
This species is deciduous and grows as a spiny bush, often forming thickets. It can have 4–13 pairs of pinnae with 10–25 pairs of small, crowded leaflets. Leaves grow from short spine-tipped side twigs. The flowers are distinctive dropping tassels, with upper part mauve to pink, and lower part narrower and yellow. The thin, twisted pods grow in a tangled mass. Although the leaves of *D. cinerea* are like those of an *Acacia*, the absence of paired thorns or spines easily distinguishes this bush.

There is a strong similarity of medicinal application throughout Africa, even in the most remote regions, for example, treatment for snake-bite, which is prepared by chewing the leaf well and then applying it to the lesion by binding it with strips from the inner bark (Roodt 1998). *D. cinerea* is said to be an excellent cure for toothache and it is also considered a remedy for abdominal pains, pneumonia, internal abscesses, dysentery, gonorrhoea, worms, and maladies of the urinary tract, suggesting that the tree may have some antibiotic properties (Roodt 1998). By inhaling the smoke of the dried leaves and root, chest complaints and a blocked nose can be relieved. Dried seed pods soaked in hot water make a soothing eyewash (Roodt 1998). An extract of the leaves mixed with salt is even more effective for this purpose.

The wood is used for making fence poles and is good fuel. The timber is termite-resistant and so durable that it was once used instead of iron posts, since it withstands even veld-fires. The inner bark is tough and pliable and makes strong rope and string. The whole plant has a high nutrition value and the leaves and pods are eaten by livestock and wildlife.



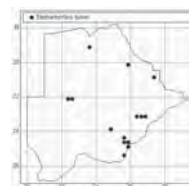
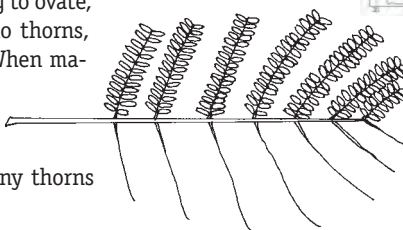
actual size: 2 mm

***Elephantorrhiza burkei* Benth.**

mbola, mosetlha-o-monnye, mosidi, mosidigodimo, mositsane; sumach bean, sumach elephant root

This species is deciduous and it is a sparsely foliated bush or small tree, usually growing on rocky hills. Leaves are large, with 5 or 6 pairs of pinnae of 10–25 pairs of leaflets, spaced out. Leaflets are largish, oblong to ovate, with a pointed apex. *E. burkei* has no thorns, and a large, broad, flat woody pod. When mature, most parts of the pod fall away or roll up leaving just the rims. The species flowers in October. The large size of the leaf and the absence of any thorns distinguish this species from acacias.

actual size: 216 mm



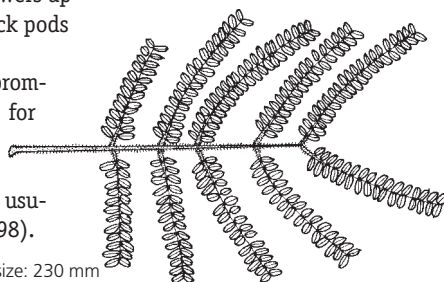
It is often used in leather tanning, but is not as popular as *E. elephantina*.

***Peltophorum africanum* Sond.**

mosetlha, mosiru, moyeri, moyethu, moyevu, nzeze, setimamollo; African wattle, weeping wattle

In summer, the abundant, pea-like, yellow flowers amongst the large, feathery leaves are characteristic. The tree has striking, dull green, large, *Acacia*-like, soft, feathery leaves. It branches low down from a trunk that is often crooked, to form a spreading, irregular and untidy crown. The flowers appear in November. It produces dark brown to black pods that remain on the tree for most of the year.

The wood produces a smooth finish and seems promising for furniture use. It has also been used for wooden buckets, grinding blocks and even wagons in the past. Steam from a hot decoction is used to relieve sore eyes and the bark is usually chewed to treat abdominal pains (Roodt 1998).



MALVACEAE

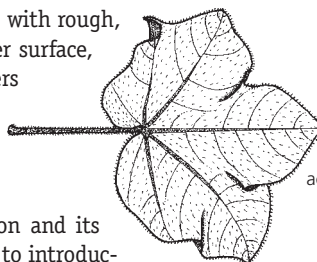
Hibiscus family

***Azanza garckeana* (F.Hoffm.) Exell & Hillc.**

moroja, morojwa, ntobgwe; azanza, chewing gum tree, snot apple

An evergreen shrub to medium-sized tree. Branchlets have woolly hairs. Leaves are 3–5-lobed, with rough, stellate (star-shaped) hairs on the upper surface, and soft hairs on the lower surface. Flowers are solitary, yellow, with a maroon patch in the centre. The fruit is a yellowish green to brown, five-lobed woody capsule, and is edible.

The species is northern in distribution and its occurrence in the south is probably due to introductions.



MORACEAE

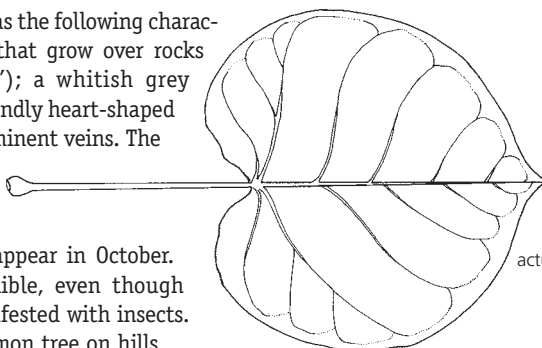
Fig family

***Ficus abutilifolia* (Miq.) Miq.**

mhawa, mohawa, mokoyo, momelantsweng, mpawa, ntulukuse; large-leaved rock fig

The species has the following characteristics: roots that grow over rocks ('rock splitters'); a whitish grey trunk; large, roundly heart-shaped leaves with prominent veins. The species flowers in August/September, and the fruits appear in October. The figs are edible, even though nearly always infested with insects.

This is a common tree on hills.



actual size: 286 mm

OLACACEAE

Sourplum family

Ximenia americana L. sensu lato

chibitswa, moretologana, moretologa-wa-pudi, moretonoga, moretonoha, motsididi, nswanja-bakhwa, seretologa; blue sourplum, small sourplum

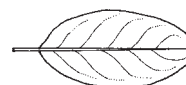
This is a much-branched shrub or small tree with a blue-green appearance. Leaves occur in axils of straight spines or are clustered on short side branches, folding inwards along the main vein. The plants are dioecious. The species flowers in November. Fruits are yellowish red and fleshy.

The fruit is sour, but edible, and is often used to make beer. The leaf, which contains tannin and resins, is used as a remedy for cough, fever, and wounds. The oily kernel is used for softening leather, as a cosmetic, and for making torches (Roodt 1998).

The species can be confused with *X. caffra*, which has dark green leaves.



actual size: 48 mm

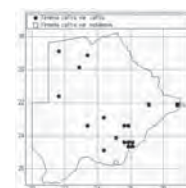


Ximenia caffra Sond. sensu lato

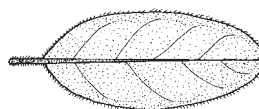
moretologa, moretologa-wa-kgomo, moretonoga, morokolo, motsidi, mwombe, nswanja-ngombe; hairy large sourplum, large sourplum, monkey plum

This is a sparsely-branched shrub or small tree. Leaves are clustered on short side branches, are dark green in colour and fold inwards along the main vein. The plants are dioecious. The fruits are bright red, smooth and fleshy when ripe, and are edible.

The species can be confused with *X. americana*, which has waxy, blue-green leaves. Both species are fairly widespread in Botswana.



actual size: 68 mm



RHAMNACEAE

Dogwood family

Ziziphus mucronata* Willd. subsp. *mucronata

mabyana-a-mala-a-tupa, moketekete, mokgalo, monganga, nchecheni;
buffalo thorn, shiny leaf, wait-a-bit

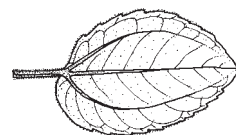
This is a shrub to a medium-sized tree. Young branches bend at the nodes, giving them a zigzag appearance. The leaves are shiny green. Paired thorns are present at the base of the leaf stalk; one is curved while the other is straight. The species flowers in October/November. The fruit is round, berry-like, shiny reddish to yellowish brown.

A decoction of the roots is commonly administered as a pain-killer. An infusion of the bark and leaves is used for chest complaints (Roodt 1998). Pastes of the root and leaves can be applied to treat boils and swollen glands. The leaves are an important source of fodder for stock, and all browsers feed on the tree. Impala often feed on the dead leaves lying under trees. The elasticity of the wood makes it suitable for bows and, especially, hammer handles. Ox yokes are cut from larger trees, while saplings and coppice shoots make whip sticks. As with most fruits, a beer can be made if fruit is allowed to ferment. The tree is a good indicator of the presence of underground water.

In Botswana, this tree is considered immune to lightning, so any person sheltering under it is thought to be safe. It is also believed that if it is felled after the first rains, a drought will certainly ensue.



actual size: 63 mm



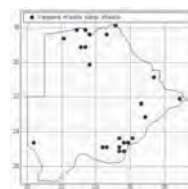
RUBIACEAE

Coffee family

Vangueria infausta* Burch. subsp. *infausta

mmilo, monyonyana, mothwane, nzwigwa; wild medlar

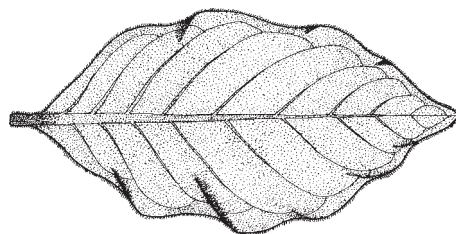
This is a shrub to small tree, occurring mostly on rocky places and hills throughout Botswana. Its stems have prominent triangular stipules between each pair of leaves. It has boat-like leaves bent backwards in a sickle shape. Small gall-like growths may be noticed on the leaf surfaces. These are caused by a species of fungus, which often attacks these trees. *V. infausta* flowers in late October. It has roundish fruit, which can be up to 40 mm in diameter, with a glossy brown skin when ripe.



The fruit is edible and contains a high level of vitamin C. Roots are used medicinally to treat malaria.

It is considered unlucky to use the wood of this species, hence the specific epithet, *infausta*, which means unlucky. The wood is never used, not even as fuel.

actual size: 119 mm



SAPINDACEAE

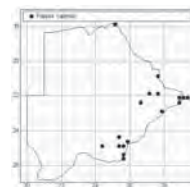
Litchi family

***Pappea capensis* Eckl. & Zeyh.**

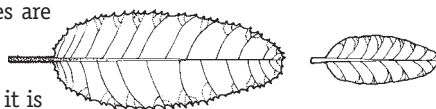
molalagaka, mopanyobojalwa, mopenoene, mopenwaeng, mothata, ntorido; indaba tree, jacket plum, wild cherry

Over most of its range the Jacket Plum is a small tree (7 m) but it can reach a height of 12 m. It is semi-deciduous and has a short trunk and a fairly dense, spreading crown. The leaves are usually crowded at the ends of the branches. They are simple, variable in size, hard and rough and the margins may be entire or finely spine-toothed. The outstanding characteristic feature of the tree is its fruit—these are softly hairy, green, round berries, about 15 mm in diameter. During some seasons the berries occur in masses. When ripe, the pericarp splits in two to reveal the bright red, fleshy, shining false aril, which envelops the black seed. This fleshy part is delicious and is enjoyed by people and animals. It is also used to make jelly and to brew an alcoholic beverage and vinegar.

The wood has a fine grain and is quite heavy, hard and pale brown with a reddish tinge. The quality is good enough for it to be used for various purposes, but large pieces are rare. The leaves provide valuable browsing for game and stock. The seed can provide fairly heavy oil that is edible as suggested by Roodt (1998); it is claimed that farmers oil their guns with this oil.



actual size: 74 mm

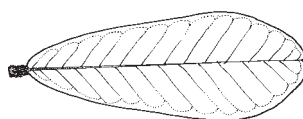


SAPOTACEAE

Milkwood family

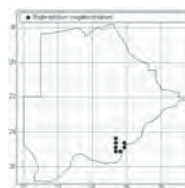
***Englerophytum magalismontanum* (Sond.) T.D.Penn.**

motlhatswa; red milkwood, stemfruit, Transvaal milkplum, wild plum



actual size: 79 mm

The fruits are plum-like, ovoid, about 20 mm in diameter, red when ripe, sweet and deliciously flavoured. They have a high vitamin C content. They are used for making syrup, brandy, and wine. This is a species occurring mostly on hills in southeastern Botswana.



***Mimusops zeyheri* Sond.**

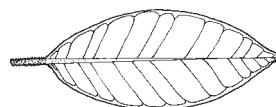
mmopudu, mmupudu, mobu, mosamtuzza, mupudu; common red milkwood, Transvaal red milkwood

This is a small to medium-sized evergreen tree. The parts exude a milky latex when injured. All young parts have dense reddish brown hairs. The leaves are glossy dark green and leathery. The flowers are star-shaped, white and scented, and appear in October. The fruit is oval, fleshy, orange, with a persistent style attached to it.

The fruit is edible, eaten by both humans and animals. A juice is prepared from the fruit and can be used fresh or fermented. The fruit is commonly sold in local markets in November and December.



actual size: 73 mm



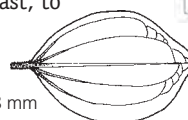
STRYCHNACEAE

Wild Elder family

***Strychnos cocculoides* Baker**

mogorogoro, mogorogorwana, mogorogorwane, mohoruhoru, moruda, nhume; corky-bark monkey orange

The fruit is large, spherical, about 80 mm in diameter, and yellowish when ripe. The juicy pulp is refreshing and has a delectable flavour when eaten fresh or crushed to make a fermented juice. It has a patchy distribution in the southeast, to the eastern and northern parts of the country.



actual size: 48 mm

***Strychnos spinosa* Lam.**

maume, mogorogoro, mogororo, moyimbili; elephant orange, green monkey orange, monkey ball, spiny monkey orange

The fruits are bigger than those of *S. cocculoides* (about 120 mm in diameter), spherical, deep yellow to yellow-brown in colour and fleshy. The pulp is sweet and has a delicate flavour.



actual size: 55 mm

TILIACEAE

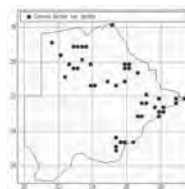
Jute family

***Grewia bicolor* Juss.**

kukuruthwe, mambalane, mogwana, monabo, motuu, ntewa; bastard brandybush, false brandybush

This is mostly a multi-stemmed shrub. The bark is dark grey, deeply fissured, and peels away in old specimens. Leaves are a dark, dull green above and almost silvery-white below (hence *bicolor*). The fruit is a drupe, one- or two-lobed, reddish brown to purple black.

Although slightly sour, the fruit is eaten by humans when ripe or is dried for later use. It is also one of the ingredients for making traditional *khadi* brew. Fibre obtained from the inner bark is used for making ropes and baskets.



actual size: 39 mm

***Grewia flava* DC.**

maphokwe, monabo, moreswe, moretlwa, moseme, ntewa, phomphokwe; brandybush, raisin tree, velvet raisin, wild currant, wild plum

This is a multi-stemmed shrub. It has greyish green leaves. The species flowers in October. The fruit is usually two-lobed.

The fruit has a high sugar content and although not very fleshy, is eaten fresh or dried. The fruit, like that of *G. bicolor*, is also one of the ingredients of a traditional brew, *khadi*. The bark provides a fibre from which baskets are woven and the frayed ends of the branchlets are used as toothbrushes. The foliage is browsed by livestock and game, particularly during the dry season when other food is scarce.

Branches of *G. flava* are used to make baskets; very thin branches are used to make brooms. The inner bark is used to weave baskets. Pegs made from the wood of this species are put upright onto the roofs or driven into the ground to ward off lightning. According to Roodt (1998), it is also used in death rites by the Bakgalagadi tribe, where a piece of the inner bark is tied to the right arm of the dead man to ensure a type of spiritual bond with his children. The same is done to each of his children in sequence from the oldest to the youngest.



actual size: 54 mm

***Grewia flavescens* Juss. sensu lato**

mokankela, motsotsojana, motsotsojane, mpuzu; donkey berry, river rough-leaved raisin bush, rough-leaved raisin bush, sandpaper raisin

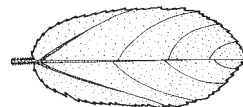
This is a scrambling multi-stemmed shrub. Older stems are characteristically four-angled (rectangular). Leaves are covered with harsh hairs (hence giving the feel of sandpaper) and have



irregularly toothed margins. The fruit is 2–4-lobed and yellowish brown when ripe.

The leaves are browsed by game and livestock. The wood is very tough and is commonly used to make walking sticks and bows.

actual size: 63 mm



***Grewia retinervis* Burret**

mokankele, mokgomphatha, mopundu, mpuzu; arib, false sandpaper raisin, Kalahari sand raisin bush, rough-leaved raisin bush

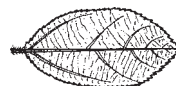
This is a shrub to small, bushy tree. The bark is brownish. Older branches tend to have grooves on two sides. The edible fruit is always single, spherical and is orange-red to reddish brown when ripe.

The berries are a favourite with humans and can be eaten either raw or dried. An alcoholic beverage can be prepared from the fruit because of the high sugar content. The angular stems are used for spear shafts.

Grewia species are fairly well distributed throughout Botswana.



actual size: 46 mm



Checklist of species

Monocotyledonae

ARECACEAE

Palm family

Hyphaene Gaertn.

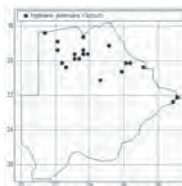
Fan palms

Hyphaene petersiana Klotzsch

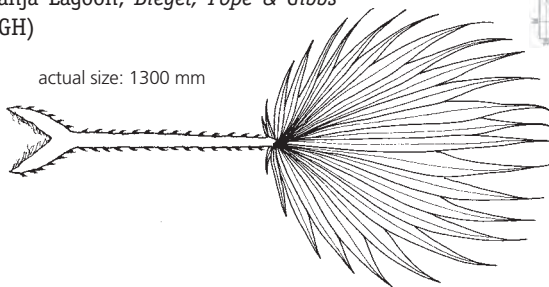
N, SE

mokolane, mokolwane, mokulane; northern ilala palm, real fan palm

Voucher: Zibadianja Lagoon, *Biegel, Pope & Gibbs Russel 4017* (SRGH)



actual size: 1300 mm



Phoenix L.

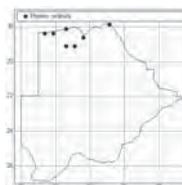
Wild date palms

Phoenix reclinata Jacq.

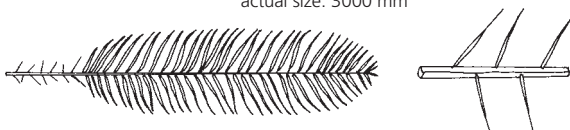
N

moxinx-mokolane, nlala, thikerva, tsaro; dwarf date palm, wild date palm

Voucher: Island on Zibadianja Lagoon, *Biegel, Pope & Gibbs Russell 4018* (SRGH)



actual size: 3000 mm



ASPHODELACEAE

Lily family

Aloe L.

Aloes

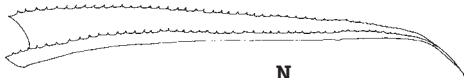
Aloe excelsa Berger

N

Zimbabwe aloes

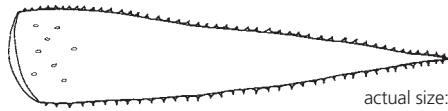
Voucher: c. 25 km south of Ramokgwebane (Ramokgwebana), fl. 11.vii.1978, *P.A. Smith 2462* (GAB; K; SRGH)

actual size: 130 mm

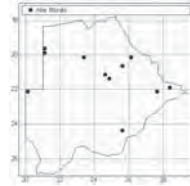


Aloe littoralis* Baker*N, SW, SE**

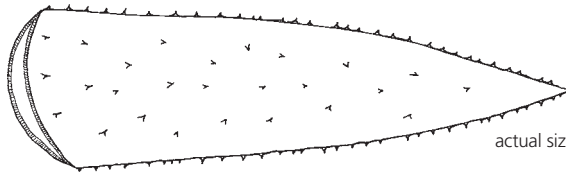
mokgopha; mopane aloe

Voucher: Tsessebe, *Venter, Archer & Hahn 406* (PRE)

actual size: 118 mm

***Aloe marlothii* A.Berger var. *marlothii*****SE**

mokgopha; flat-flowered aloe, mountain aloe, tree aloe

Voucher: Lobatse, *Marloth 3325* (PRE)

actual size: 150 mm



Dicotyledonae

ANACARDIACEAE

Mango family

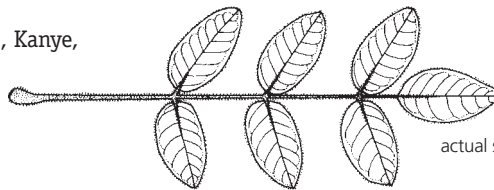
Lannea* A.Rich.*False marula trees*****Lannea discolor* (Sond.) Engl.****N, SE**

molebatsi, moojwane, moopyane, moopyana-wa-dithaba, mootswana, segangacha; livelong

Voucher: Pharing, Kanye,

*Hillary &**Robertson 515*

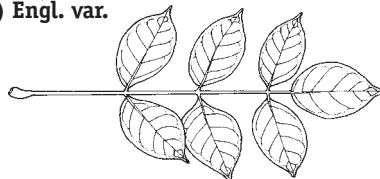
(PRE)



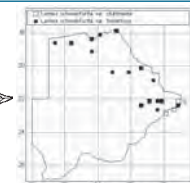
actual size: 262 mm

***Lannea schweinfurthii* (Engl.) Engl. var.*****stuhlmannii* (Engl.) Kokwaro****N, SE**

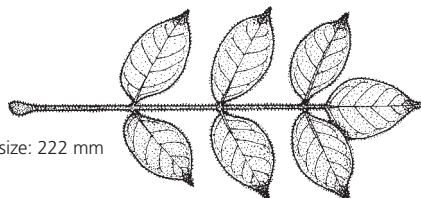
mhota, mohota, molebatsi, nshangoma; false marula, tree grape

Voucher: Selebi North, *Kerfoot**& Falconer 59* (PRE)

actual size: 234 mm

□ *Lannea schweinfurthii*
var. *stuhlmannii*

***Lannea schweinfurthii* (Engl.) Engl. var. *tomentosa* (Dunkley) Kokwaro** **N**
 mhota, mohota, molebatsi, nshangoma; hairy false marula
 Voucher: Sigara Pan, Drummond & Seagrief 5242 (SRGH)



actual size: 222 mm

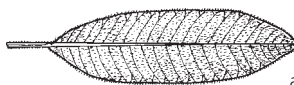


• *Lannea schweinfurthii* var. *tomentosa*

Ozoroa Delile

Resin trees

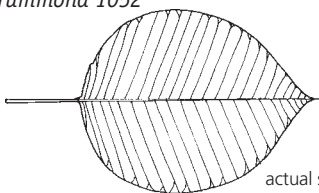
***Ozoroa insignis* Delile subsp. *reticulata* (Baker f.) J.B.Gillett** **N, SE**
 monokane; currant resin tree, tropical resin tree
 Voucher: 1.1 km east of footbridge at Namibia border fence, Smith 334 (GAB)



actual size: 78 mm



***Ozoroa longipes* (Engl. & Gilg) R. & A.Fern.** **N**
 monokane; round-leaved resin tree
 Voucher: Khardoum Valley, Wild & Drummond 1052 (SRGH)

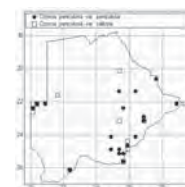
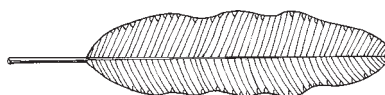


actual size: 85 mm



Ozoroa paniculosa* (Sond.) R. & A.Fern. var. *paniculosa **N, SW, SE**
 monokane, monnyeladiatla, sekokwerepe; common resin tree, resin tree
 Voucher: East of Mahalapye, Yalala 104 (SRGH)

actual size: 102 mm

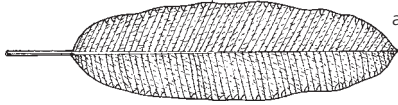


• *Ozoroa paniculosa* var. *paniculosa*

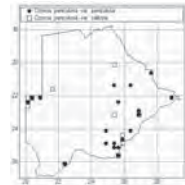
***Ozoroa paniculosa* (Sond.) R. & A.Fern. var. *salicina* (Sond.) R. & A.Fern.** N, SW, SE

narrow-leaved common resin tree

Voucher: Tshabong, *Wild 5149* (SRGH)



actual size: 105 mm



□ *Ozoroa paniculosa* var. *salicina*

***Rhus* L.**

Karee trees

***Rhus ciliata* Licht. ex Schult.**

SE

mokhidi

Voucher: Banks of Limpopo river, Tuli block, *Miller*

O.B. 373 PRE



actual size: 43 mm

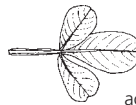


***Rhus glauca* Thunb.**

SE

blue kuni-bush

Voucher: Baratani Hill, *Miller B/561* (PRE)



actual size: 35 mm

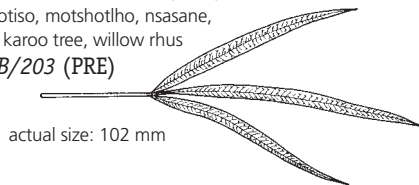


***Rhus lancea* L.f.**

N, SW, SE

moshabela, mosilabele, motshotiso, motshotlho, nsasane, nseseni; bastard willow, karee, karoo tree, willow rhus

Voucher: Lobatse, *Miller B/203* (PRE)



actual size: 102 mm

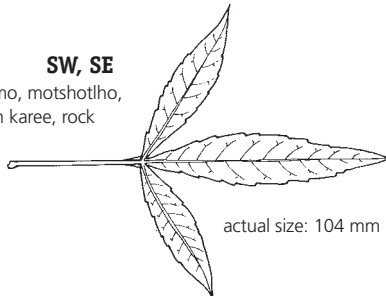


***Rhus leptodictya* Diels**

SW, SE

lehata-la-basimane, mogogobadimo, motshotlho, motshotlwane, nsasane; mountain karee, rock rhus

Voucher: Dikgomo di kae, *Wild 5181* (SRGH)



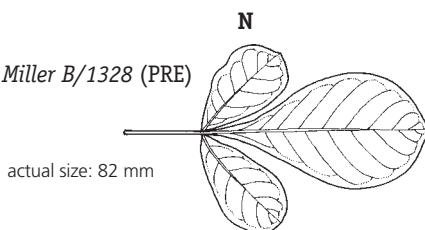
actual size: 104 mm



***Rhus lucens* Hutch.**

shiny-fruited karee

Voucher: South of Deka, *Miller B/1328* (PRE)



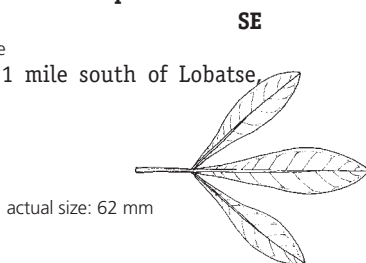
***Rhus magalismontana* Sond. subsp.**

magalismontana

mogoditshane, mohuditshane

Voucher: Peleng Hill, 1 mile south of Lobatse,

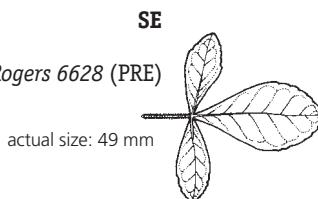
Woollard 1455 (UCBG)



***Rhus marlothii* Engl.**

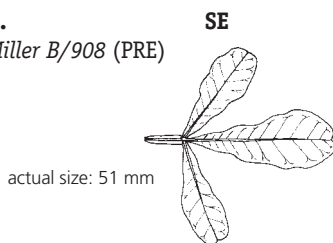
bitter karee

Voucher: Mochudi, *Harbor s.n. in Rogers 6628* (PRE)



***Rhus pallens* Eckl. & Zeyh.**

Voucher: Pharing, Kanye, *Miller B/908* (PRE)



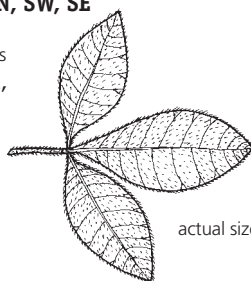
***Rhus pyroides* Burch. var. *pyroides* N, SW, SE**

mogodiri, mogolori, mohwidiri, motho-wa-goroga,

setlhako, seto; five-thorned karee, five-thorned rhus

Voucher: 4.8 km north of Lobatse Farm,

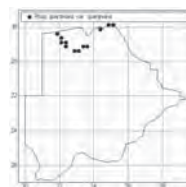
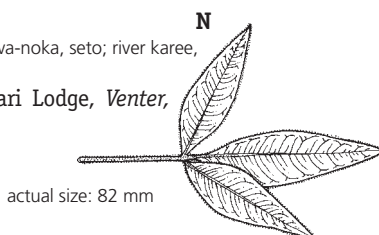
Knock Duff, *Leach & Noel 124* (SRGH)



***Rhus quartiniana* A.Rich.**

mabele-a-ditshwene, morupaphiri-wa-noka, seto; river karee,
river rhus, water currant

Voucher: Kasane, Chobe Safari Lodge, Venter,
Archer & Hahn 385 (PRE)

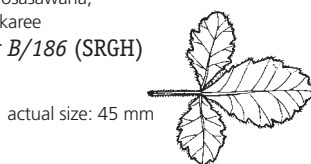


***Rhus tenuinervis* Engl.**

N, SW, SE

modupaphiri, molopaphiri, morupaphiri, mosasawana,
mosutlaphiri; commiphora rhus, Kalahari karee

Voucher: Lower Ngwezumbo, Miller B/186 (SRGH)



***Sclerocarya* Hochst.**

Marula trees

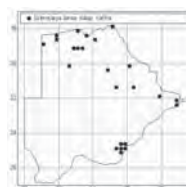
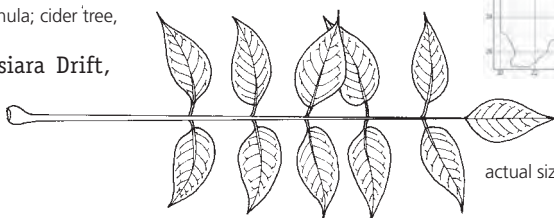
***Sclerocarya birrea* (A.Rich.) Hochst. subsp.**

***caffra* (Sond.) Kokwaro**

N, SW, SE

morula, morwa, ntala, nthula; cider 'tree',
marula tree

Voucher: Near Madsira Drift,
Drummond 5290
(SRGH)



ANNONACEAE
Custard Apple family

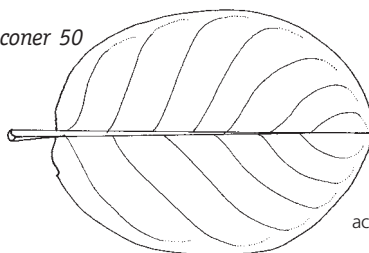
***Annona* L.**

Custard apples

***Annona senegalensis* Pers. subsp. *senegalensis* SE**

matakwaboli, mokamanawe, mokokole, mokokwenana; wild
bullock's heart, wild custard apple

Voucher: Phikwe, Kerfoot & Falconer 50
(PRE)



Artabotrys R.Br.

Hook-berry bushes

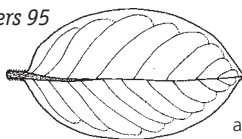
***Artabotrys brachypetalus* Benth.**

purple hook-berry

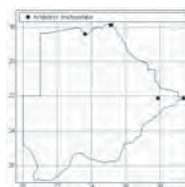
Voucher: Kasane Rapids, Robertson & Elffers 95

(PRE)

N, SE



actual size: 65 mm



Friesodielsia Steenis

Bastard dwaba-berry bushes

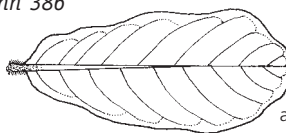
***Friesodielsia obovata* (Benth.) Verdc.**

mochinga, mokondekonde; bastard dwaba-berry

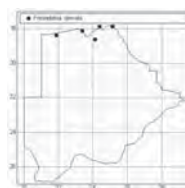
Voucher: Kasane, Venter, Archer & Hahn 386

(PRE)

N



actual size: 71 mm



Hexalobus A.DC.

Shakama plums

***Hexalobus monopetalus* (A.Rich.) Engl. & Diels**

var. *monopetalus*

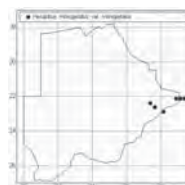
baboons' breakfast, shakama plum, wild custard apple

Voucher: Moremi, De Beer T24 (SRGH)

SE



actual size: 62 mm



Xylopia L.

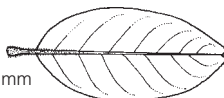
Bitterwood trees

***Xylopia odoratissima* Welw. ex Oliv.**

red fingers, small bitterwood

Voucher: Kazungula, Miller 312 (FH0)

N



actual size: 59 mm



APIACEAE

Parsley family

Heteromorpha Cham. & Schtdl.

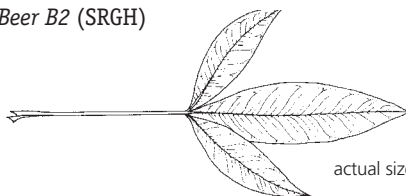
Parsley trees

Heteromorpha arborescens (Spreng.) Cham. & Schtdl. N, SE

(*Heteromorpha trifoliata* (Wendl.) Eckl. & Zeyh.)

mmuabue, mothothelo, mpyeya, serethe; parsley tree, parsnip tree

Voucher: Serowe, *De Beer B2* (SRGH)



actual size: 110 mm

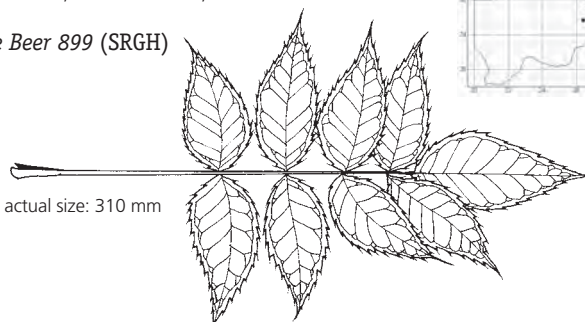
Steganotaenia Hochst.

Carrot trees

Steganotaenia araliacea Hochst. N, SE

modumela, mophaphama, morobolo, morukutshwane; carrot tree

Voucher: Mahalapye, *De Beer 899* (SRGH)



actual size: 310 mm

APOCYNACEAE

Oleander family

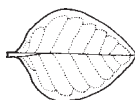
Carrisa L.

Num-num bushes

Carissa bispinosa (L.) Desf. ex Brenan subsp. *bispinosa* N, SE

morokolo, serokolo, simboko, thaba-di-lebane; num-num, y-thorned carissa

Voucher: Chobe National Park, *Mahundu 54* (SRGH)



actual size: 35 mm

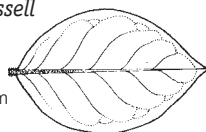
***Carissa edulis* Vahl**

simboba; Arabian num-num, num-num, simple-spined num-num

Voucher: Namatanga, *Biegel, Pope & Gibbs Russell* 4100 (SRGH)

N

actual size: 54 mm



Diplorhynchus Welw. ex Ficalho & Hiern

Horn-pod trees

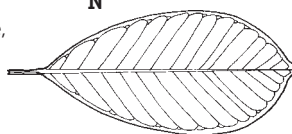
***Diplorhynchus condylocarpon* (Müll.Arg.)**

Pichon

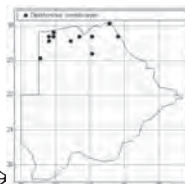
modea, moleye, mongoma, motjia; horn-pod tree, wild rubber

Voucher: Gubatsa Hills, *Biegel, Pope & Gibbs Russell* 836 (SRGH)

N



actual size: 78 mm



ARALIACEAE

Ivy family

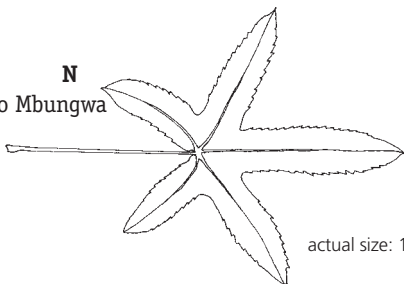
***Cussonia* Thunb.**

Cabbage trees

***Cussonia natalensis* Sond.**

Voucher: At the lands next to Mbungwa River (Moroka), *Muzila* 121 (UCBG)

N



actual size: 105 mm

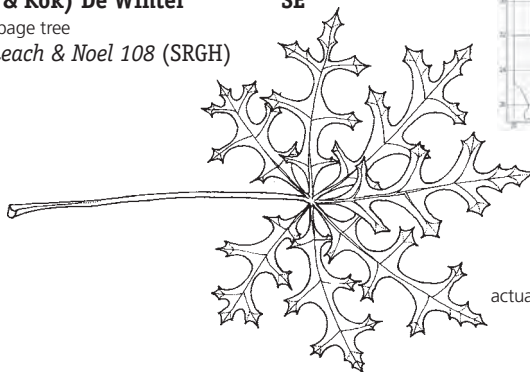


***Cussonia paniculata* Eckl. & Zeyh. subsp. *sinuata* (Reyneke & Kok) De Winter**

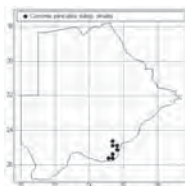
mosetse; mountain cabbage tree

Voucher: Lobatse, *Leach & Noel* 108 (SRGH)

SE



actual size: 580 mm

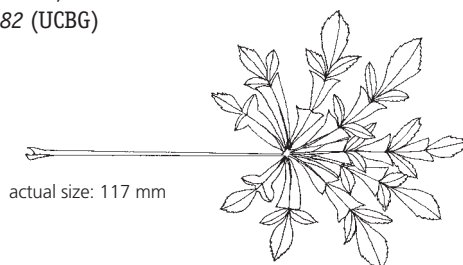


***Cussonia spicata* Thunb.**

SE

mosetse; common cabbage tree

Voucher: Kolobeng River, 20 miles northwest of Gaborone, Woollard 82 (UCBG)

**ASTERACEAE**

Daisy family

***Brachylaena* R.Br.**

Wild silver oaks

***Brachylaena huillensis* O.Hoffm.**

SE

lowveld brachylaena, lowveld silver oak

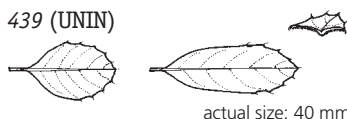
Voucher: Gorge north of Shoshong Village, Woollard 840 (UCBG)

***Brachylaena ilicifolia* (Lam.) Phill. & Schweick.**

SE

small bitter-leaf

Voucher: Mashata area, Baytopp 439 (UNIN)

***Brachylaena rotundata* S.Moore**

SE

mhatlha, modudu, mohotantswe, moswane; mountain silver oak, yellow brachylaena

Voucher: Lobatse, Mott 883 (GAB)



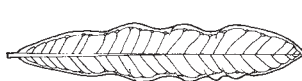
Tarchonanthus L.

Wild camphor trees

Tarchonanthus camphoratus L. N, SW, SE

fulwane, mfatlha, mhata, mhatlha, mofata, mohatlha; African fleabane, camphor bush, wild camphor bush, wild cotton

Voucher: Serowe, *De Beer 886* (GAB)



actual size: 79 mm



Vernonia Schreb.

Bitter tea bushes

Vernonia amygdalina Delile N

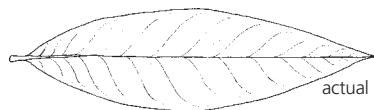
moqo, moquene; bitter leaf, river vernonia, tree vernonia

Voucher: Ngamiland District,

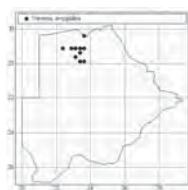
Moremi Wildlife Reserve,

Gadikwe Island, *Barker & Reid*

29 (PRE)



actual size: 96 mm



Vernonia cinerascens Sch.Bip. SE

small-leaved tree vernonia

Voucher: Central District, Makgadikgadi Pan floor,

Mukuba Dukuwe fence, *Barnard 667* (PRE)



actual size: 29 mm



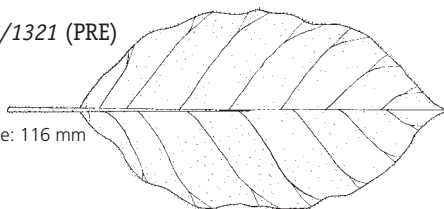
Vernonia colorata (Willd.) Drake subsp. N

colorata

muduri, qutso; lowveld tree vernonia, star-flowered tree

vernonia

Voucher: Chobe, *Miller B/1321* (PRE)



actual size: 116 mm



BALANITACEAE

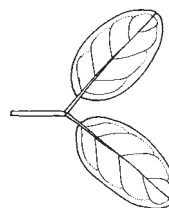
Torchwood family

Balanites Delile

Torchwood trees

Balanites aegyptiaca* (L.) Delile*N**

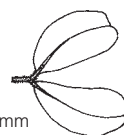
desert date, Jericho balsam, simple-thorned torchwood, torchwood

Voucher: Northeast of Leshoma, *Hargreaves 6551* (GAB)

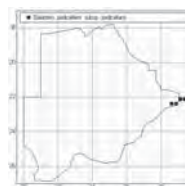
actual size: 40 mm

Balanites pedicellaris* Mildbr. & Schltr.*SE**

lesser torchwood, small torchwood

Voucher: North bank of Limpopo River, 12 miles east of Baines Drift (120 miles east of Palapye), *Mott 1057* (UCBG)

actual size: 30 mm



BIGNONIACEAE

Jacaranda family

***Catophractes* D.Don**

Trumpet thorn bushes

Catophractes alexandri* D.Don*N, SW, SE**

mogwadiri, motshwaratshukudu; trumpet thorn

Voucher: Near Nata River, Maun Road, *Richards 14630* (SRGH)

actual size: 42 mm



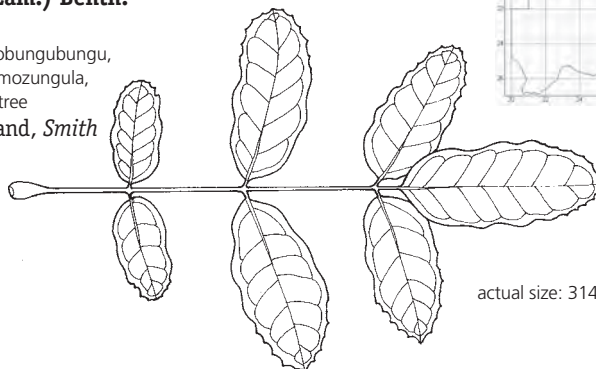
actual size: 18 mm

***Kigelia* DC.**

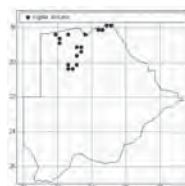
Sausage trees

Kigelia africana* (Lam.) Benth.*N, SE**

izungwe, kazungula, mobungubungu, moporota, mosungula, mozungula, uvunguvungu; sausage tree

Voucher: Mbone Island, *Smith 1158* (SRGH)

actual size: 314 mm



Markhamia Seem. ex Baill.

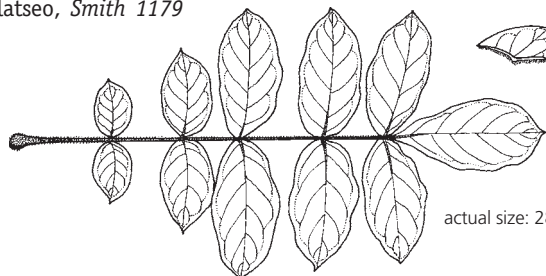
Bell bean trees

Markhamia obtusifolia (Baker) Sprague **N**

golden bean tree

Voucher: Xlatseo, Smith 1179

(SRGH)



actual size: 284 mm



Markhamia zanzibarica (Bojer ex DC.)

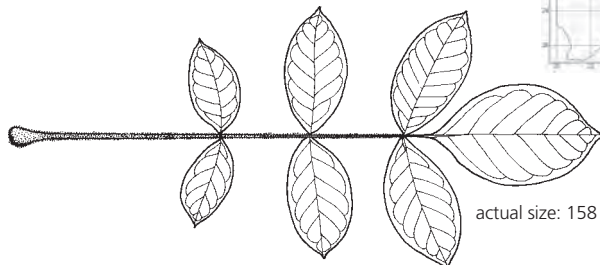
K.Schum.

N, SE

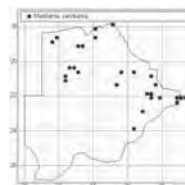
mosetsanamontle, motshelaphala; bean tree, bell bean tree

Voucher: Tuli Block, Nitani Game Reserve, Baytopp

176 (UNIN)



actual size: 158 mm



Rhigozum Burch.

Thorny pomegranates

Rhigozum brevispinosum Kuntze **N, SW, SE**

lebuta, mallatau, mfefamaeba, mofurokwane, mohurukwana;
short-thorn pomegranate, western rhigozum

Voucher: Tuli Block, Nitani Game Reserve, Baytopp

178 (UNIN)



actual size: 29 mm



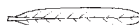
Rhigozum trichotomum Burch.

SE, SW

lekhubare

Voucher: Ukwi Pan, 50 miles south of Ncojane,

Woollard 1466 (UCBG)



actual size: 36 mm



Rhigozum zambesiacum* Baker*SE**

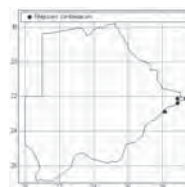
mopane pomegranate

Voucher: Tuli Block, Nitani Game Reserve, *Baytopp*

177 (UNIN)



actual size: 37 mm

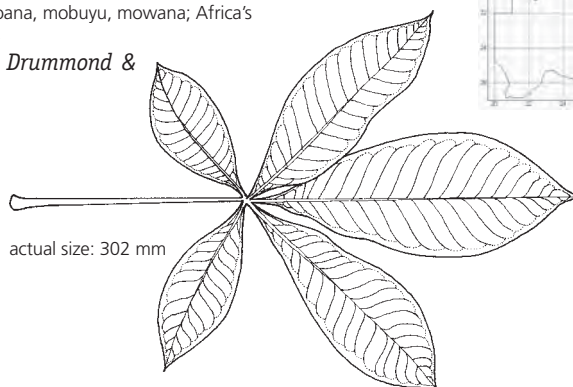
**BOMBACACEAE**

Baobab family

Adansonia* L.*Baobab trees*****Adansonia digitata* L.****N, SW, SE**

dovuyu, ibozu, mbuyu, moana, mobuyu, mowana; Africa's

upside-down tree, baobab

Voucher: Sigara Pan, *Drummond &**Seagrief* 5244 (SRGH)

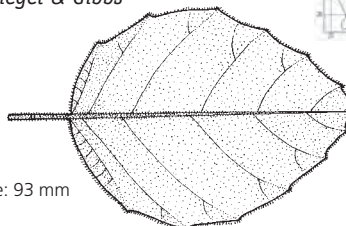
actual size: 302 mm

**BORAGINACEAE**

Heliotrope family

Cordia* L.*Saucer-berry trees*****Cordia ovalis* R.Br. ex A.DC****N, SE**(*Cordia monoica* Roxb.)

moarasope, mosiane, mothate; sandpaper cordia, snot berry

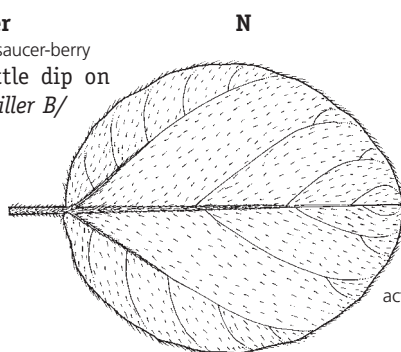
Voucher: 10 km northeast of Maun, *Biegel & Gibbs**Russell* 3806 (GAB)

actual size: 93 mm

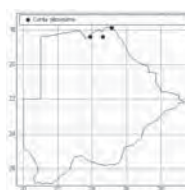


***Cordia pilosissima* Baker**

motolu; woolly cordia, woolly saucer-berry
 Voucher: Serondela cattle dip on
 banks of Chobe River, *Miller B/*
 1029 (PRE)



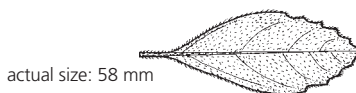
actual size: 106 mm



***Cordia sinensis* Lam.**

grey-leaved cordia, grey-leaved saucer-berry
 Voucher: Thamalakane River, *Smith 183* (SRGH)

N, SE



actual size: 58 mm



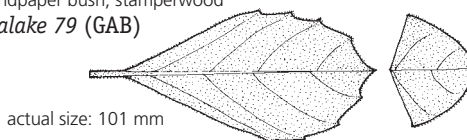
***Ehretia* P.Browne**

Stamperwood bushes

***Ehretia amoena* Klotzsch**

morobe; puzzle bush, sandpaper bush, stamperwood
 Voucher: Ngwapa, *Kalake 79* (GAB)

N, SE



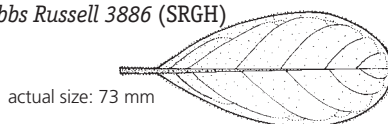
actual size: 101 mm



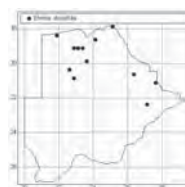
***Ehretia obtusifolia* Hochst. ex DC.**

mokgoba, morobe
 Voucher: Chobe, *Biegel & Gibbs Russell 3886* (SRGH)

N, SE



actual size: 73 mm



***Ehretia rigida* (Thunb.) Druce**

morobadieta, morobe; Cape lilac, puzzle bush, stamperwood
 Voucher: Tuli Block, Nitani Game Reserve, *Baytopp*
 174 (UNIN)

N, SW, SE



actual size: 37 mm



BUDDLEJACEAE

Wild elder family

Nuxia Comm. ex Lam.

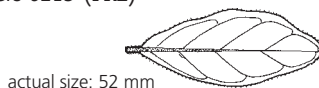
Wild elder trees

Nuxia congesta R.Br. ex Fresen.

SW, SE

mohatantswe, mokwerekwere; brittlewood, wild elder

Voucher: Lobatse, Rogers 6213 (PRE)



actual size: 18 mm



BURSERACEAE

Myrrh family

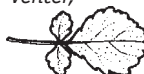
Commiphora Jacq.

Corkwood trees

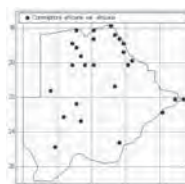
Commiphora africana (A.Rich.) Engl. N, SW, SE

mothapo; hairy corkwood, poison-grub commiphora, poison-grub corkwood

Voucher: 98 km south of Pandamatenga, Venter, Archer & Hahn 397 (PRE)



MS

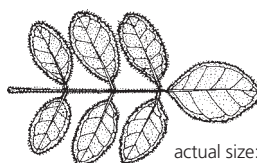


Commiphora angolensis Engl.

N, SW, SE

moroka, mosutlhaphiri; commiphora, poison-grub, sand commiphora, sand corkwood

Voucher: Kwebe Hills, Lugard 34 (K)



actual size: 63 mm

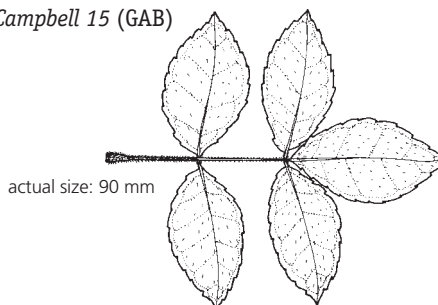


Commiphora caerulea Burt

N

blue-bark commiphora, blue-bark corkwood

Voucher: Tsodilo Hills, Campbell 15 (GAB)



actual size: 90 mm



***Commiphora edulis* (Klotzsch) Engl.**

N, SE

mokomoto, moroka; rough-leaved
commiphora, rough-leaved
corkwood

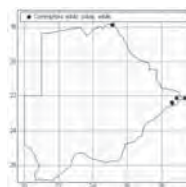
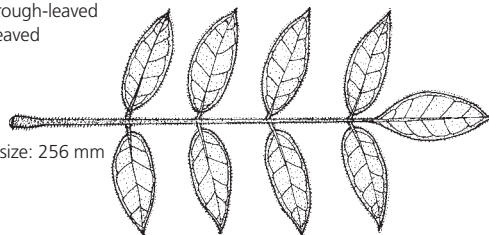
Voucher:

Kasane,

Miller 1193

(PRE)

actual size: 256 mm



***Commiphora glandulosa* Schinz**

N, SW, SE

commiphora, glandular corkwood

Voucher: Kanye, Hillary & Robertson 517 (SRGH)

actual size: 62 mm



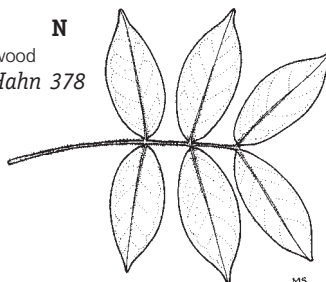
***Commiphora karibensis* Wild**

N

angular-stemmed commiphora, Kariba corkwood

Voucher: Kasane, Venter, Archer & Hahn 378

(PRE)



M5

actual size: 80 mm



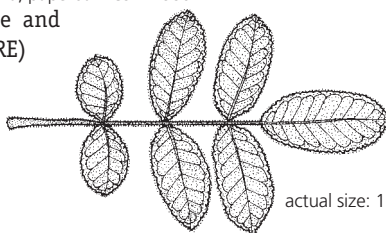
***Commiphora marlothii* Engl.**

N, SE

mopapama; paperbark commiphora, paperbark corkwood

Voucher: Between Tutume and

Sebina, Pole Evans 2605 (PRE)



actual size: 105 mm



***Commiphora mollis* (Oliv.)**

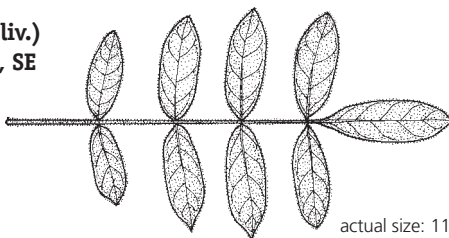
Engl.

N, SE

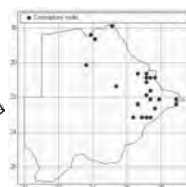
soft-leaved commiphora,
velvet commiphora, velvet
corkwood

Voucher: Bosoli, Pole

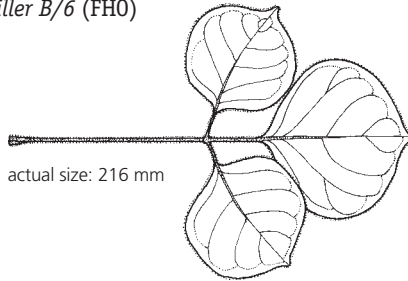
Evans 2577 (PRE)



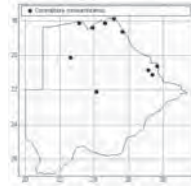
actual size: 118 mm



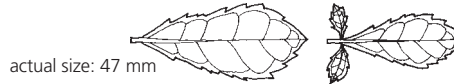
***Commiphora mossambicensis* (Oliv.) Engl. N, SE**
 moroka; pepper-leaved commiphora, pepper-leaved corkwood
 Voucher: Kazungula, *Miller B/6* (FH0)



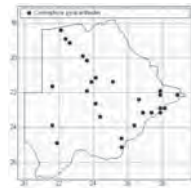
actual size: 216 mm



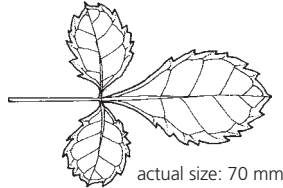
***Commiphora pyracanthoides* Engl. N, SW, SE**
 moroka, seroka; common commiphora, common corkwood, cork tree
 Voucher: 4 km from Zanzibar on road to Sherwood, *Terry et al. 199* (GAB)



actual size: 47 mm



***Commiphora schimperi* (O.Berg) Engl. N, SE**
 seroka; glossy-leaved commiphora, glossy-leaved corkwood
 Voucher: Tuli Block, Nitani Game Reserve, *Baytopp 164* (UNIN)

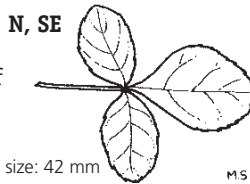


actual size: 70 mm



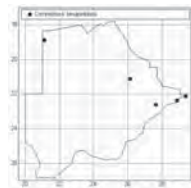
***Commiphora tenuipetiolata* Engl.**

satin-bark commiphora, satin-bark corkwood
 Voucher: By Limpopo River, northeast of Platjan, *Woollard 438* (UCBG)

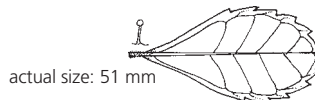


actual size: 42 mm

M.S.



***Commiphora viminea* Burt Davy SE**
 (*Commiphora merkeri* Engl.)
 zebra corkwood
 Voucher: 6 miles south of Seleka, *Hansen 3480* (K)



actual size: 51 mm



CAPPARACEAE

Caper family

Boscia* Lam.*Shepherd trees*****Boscia albitrunca* (Burch.) Gilg & Benedict var. *albitrunca*****N, SW, SE**

makgolela, mareko, motlopi, ntopi; caper bush, shepherds' tree

Voucher: Lobatse, *Rogers 6211* (SRGH)

actual size: 75 mm

***Boscia angustifolia* A.Rich. var. *corymbosa* (Gilg) DeWolf****N**

motupa; rough-leaved boscia, rough-leaved shepherds' tree

Voucher: Kazungula, *Miller 123* (PRE)

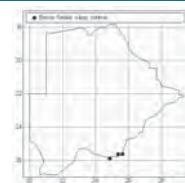
actual size: 63 mm

***Boscia foetida* Schinz subsp. *minima* Toelken**

mopipi, motlopihatshe, motlopišana; smelly boscia, smelly shepherds' tree

Voucher: About 1 mile north of Botswana border on Mafikeng-Lobatse Road, *Leach & Bayliss 12446* (PRE)

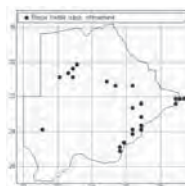
actual size: 20 mm

***Boscia foetida* Schinz subsp. *rehmanniana*****(Pest.) Toelken****N, SW, SE**

mopipi; smelly boscia, smelly shepherds' tree

Voucher: Tuli Block, Merryhill (Part 1), *Baytopp 168* (UNIN)

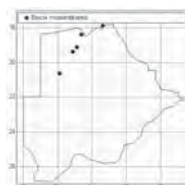
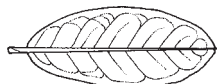
actual size: 24 mm

***Boscia mossambicensis* Klotzsch**

broad-leaved boscia, broad-leaved shepherds' tree

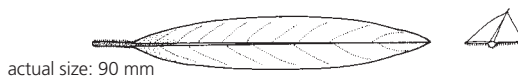
Voucher: Ngoma, *Munro 4* (PRE)

actual size: 58 mm

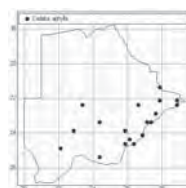
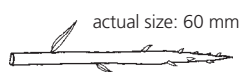


Boscia salicifolia* Oliv.*N**

willow-leaved boscia, willow-leaved shepherds' tree

Voucher: Tsotsoroga Pan, Goghe Hills, *Erens 355* (PRE)***Cadaba* Forssk.****Worm bushes*****Cadaba aphylla* (Thunb.) Wild****N, SE, SW**

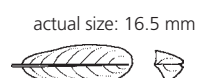
mfitshwana, mhitshwana, monnamontsho; leafless cadaba, leafless wormbush

Voucher: Mochudi, *Harbor s.n.* (SRGH)***Cadaba natalensis* Sond.****SW**

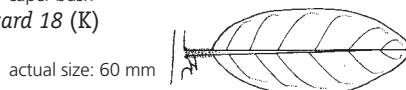
mauve cadaba, Natal wormbush

Voucher: Near Kuke Gate, *Brown 8691* (PRE)***Cadaba termitaria* N.E.Br.****N, SW, SE**

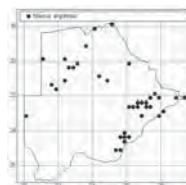
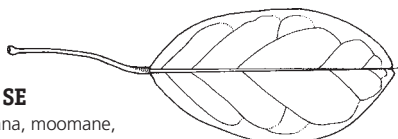
maaka-a-imena, makgolela, mhitshwana, modikaseolo, montshwane, motlopisane, motwaatwaa; pink cadaba, pink wormbush

Voucher: Gaborone, *Miller B376* (SRGH)***Capparis* L.****Caper bushes*****Capparis tomentosa* Lam.****N, SE**

modyangwe, motawana; woolly caper-bush

Voucher: Lake Ngami, *Lugard 18* (K)***Maerua* Forssk.****Bead-bean trees*****Maerua angolensis* DC.****N, SW, SE**

kgotshane, mogogwane, moomana, moomane, moreketli, moretete; bead-bean tree

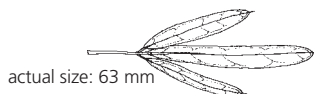
Voucher: Kanye, *Hillary & Robertson 538* (SRGH)

***Maerua juncea* Pax subsp. *crustata* (Wild) Wild**

SE

mmutswabutswane

Voucher: UB Campus, Gaborone, Aye 1373 (UCBG)



actual size: 63 mm



• *Maerua juncea* subsp. *crustata*

Maerua juncea* Pax subsp. *juncea

SE

Voucher: Motloutse River, north of Selibe-Phikwe, Setshogo S9 (UCBG)



actual size: 60 mm



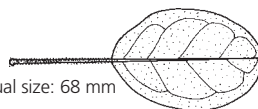
□ *Maerua juncea* subsp. *juncea*

***Maerua schinzii* Pax**

N

moomana, moomane, moretletla; ringwood tree

Voucher: Serondela, Miller B/1128 (GAB)



actual size: 68 mm



CELASTRACEAE

Staff-tree family

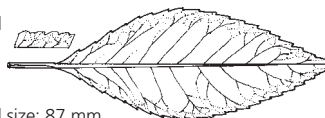
***Elaeodendron* Jacq.**

***Elaeodendron matabelicum* Loes.**

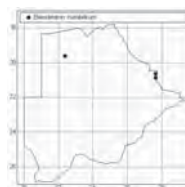
N

(*Cassine matabelica* (Loes.) Steedman)
condiment cassine, Matabele saffronwood

Voucher: Tsessebe, Venter, Archer & Hahn 407 (PRE)



actual size: 87 mm



***Elaeodendron transvaalense* (Burt Davy)**

R.H.Archer

N, SW, SE

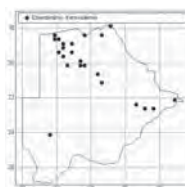
(*Cassine transvaalensis* (Burt Davy) Codd)
mogwadibe, mongalangala, monomane; three-petalled
cassine, Transvaal saffronwood

Voucher: Serowe, Metsimasweu, Miller B/224 (PRE)



actual size: 19 mm

actual size: 42 mm



Gymnosporia* (Wight & Arn.) Hook.f.**Gymnosporia heterophylla* (Eckl. & Zeyh.)****N. Robson subsp. *heterophylla* N, SW, SE***(Maytenus heterophylla* (Eckl. & Zeyh.) N. Robson subsp. *heterophylla*)

mhitshwane, morowanyero, motlharo, motlhono; common spike-thorn, spike-thorn

Voucher: Road to Makalamabedi, Lambrecht 240 (GAB)

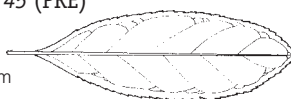


actual size: 42 mm

***Gymnosporia senegalensis* (Lam.) Exell N, SW, SE***(Maytenus senegalensis* (Lam.) Exell)

mokutemu tembuze, motlhono; confetti tree, red spike-thorn

Voucher: Serondela, Robertson & Elffers 45 (PRE)



actual size: 77 mm

***Gymnosporia tenuispina* (Sond.) Marais SE***(Maytenus tenuispina* (Sond.) Marais)

kgaba, mherehere, mosasane, mothwathwathwaa, motlhonwane

Voucher: Kgale Mountain, 5 miles south of Gaborone, Woollard 134 (UCBG)

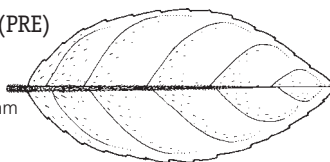


actual size: 47 mm

***Hippocratea* L.****Paddle-pod bushes*****Hippocratea buchananii* Loes. N**

velvet-leaved paddle-pod

Voucher: Kasane, Pole Evans 4617 (PRE)



actual size: 87 mm

***Maytenus* Molina****Spike-thorn trees*****Maytenus undata* (Thunb.) Blakelock SE**

merekko, modisakwane; koko tree, South African holly tree

Voucher: 25 km north of Lobatse, Hillary & Robertson 561 (PRE)



actual size: 20 mm

actual size: 58 mm



***Myroxylon* Eckl. & Zeyh.**

Saffron trees

***Myroxylon aethiopica* (Thunb.) Loes. N, SE**

(*Cassine aethiopica* Thunb.)

bastard red ivory, Cape cherry, kooboo-berry, spoonwood

Voucher: Shakawe, Story 4802 (SRGH)



actual size: 55 mm



***Salacia* L.**

***Salacia luebbertii* Loes. N**

salacia

Voucher: Savuti Channel, Woollard 466 (UCBG)



actual size: 50 mm



CHENOPODIACEAE

Salt Bush family

***Salsola* L.**

Ganna bushes

***Salsola aphylla* L.f. SW**

lye ganna

Voucher: Sua Pan, Larsen 981/6713 (UCBG)



actual size: 5 mm



CHRYSOBALANACEAE

Mobola Plum family

***Parinari* Aubl.**

Mobola plum trees

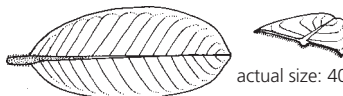
***Parinari curatellifolia* Planch. ex Benth. N**

mmola, mobola; cork tree, hissing tree, mobola plum, sand

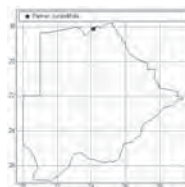
apple

Voucher: 3 miles from Ngoma Bridge,

Smith 293 (GAB)



actual size: 40 mm



CLUSIACEAE

St John's Wort family

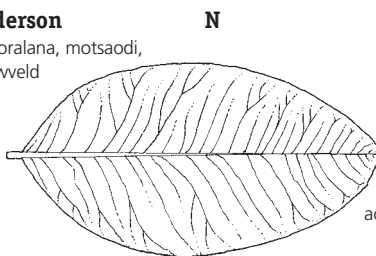
Garcinia L.

Mangosteen trees

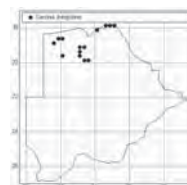
Garcinia livingstonei T.Anderson

isika, mokonkono, mokononka, moralana, motsaodi, motsaodi; African mangosteen, lowveld mangosteen, wild plum

Voucher: Maun, Erens 324 (PRE)



actual size: 99 mm



COMBRETACEAE

Combretum family

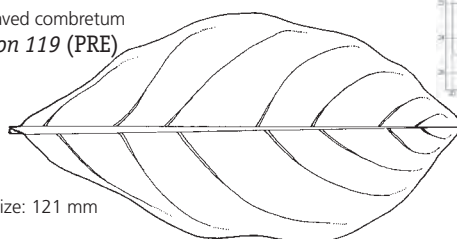
Combretum Loeft.

Bushwillow trees

Combretum adenogonium Steud. ex A.Rich. N

four-leaved bushwillow, four-leaved combretum

Voucher: Ngamiland, Curson 119 (PRE)



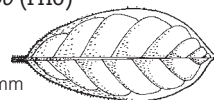
actual size: 121 mm



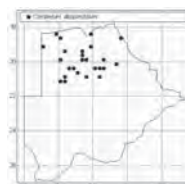
Combretum albopunctatum Suess. N

silver-dot bushwillow, silver-dot combretum

Voucher: Lower Ngwezumba River, Miller B/200 (FH0)



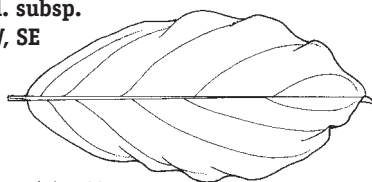
actual size: 56 mm



Combretum apiculatum Sond. subsp. *apiculatum* N, SW, SE

mohudiri, ntshingidza, ntshingitsha; red bushwillow

Voucher: Tsodilo Hills, Banks 39 (PRE)



actual size: 98 mm



• *Combretum apiculatum* subsp. *apiculatum*

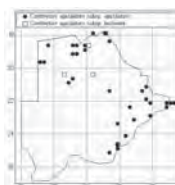
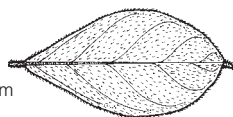
***Combretum apiculatum* Sond. subsp. *leutweinii* (Schinz) Exell**

N, SE

mohudiri, ntshingitsha, ntshingitsha; hairy red bushwillow

Voucher: Serondela, Miller B/1265 (FHO)

actual size: 60 mm



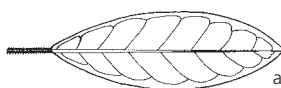
□ *Combretum apiculatum* subsp. *leutweinii*

Combretum celastroides* Welw. ex Lawson subsp. *celastroides

N

jesse-bush combretum, savanna bushwillow

Voucher: Serondela, Miller B/1274 (PRE)



actual size: 73 mm

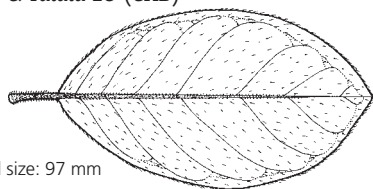


***Combretum collinum* Fresen. subsp. *gazense* (Swynn. & Baker f.) Okafor**

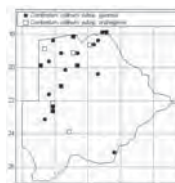
N, SW, SE

modubana, mopupu, morubana; bushwillow, hairy bushwillow, variable combretum

Voucher: Between Bushman Pits and Makalamabedi, De Beer & Yalala 28 (GAB)



actual size: 97 mm



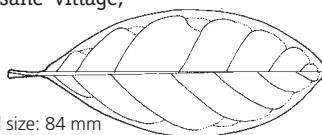
• *Combretum collinum* subsp. *gazense*

***Combretum collinum* Fresen. subsp. *ondongense* (Engl. & Diels) Okafor**

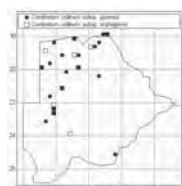
N, SW

modubana; bushwillow, variable combretum

Voucher: tree by roadside in Kasane village, Smith 4544 (SRGH)



actual size: 84 mm



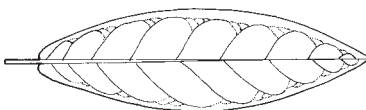
□ *Combretum collinum* subsp. *ondongense*

***Combretum elaeagnoides* Klotzsch**

N

large-fruited jesse-bush combretum, oleaster bushwillow

Voucher: Tsotsoroga Pan, Van Son s.n. sub TM 28825 (SRGH)



actual size: 97 mm

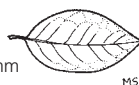


Combretum engleri* Schinz*N, SW**

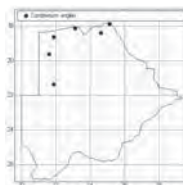
modubana; bushwillow, sand bushwillow

Voucher: Base of Tsodilo Hills, *Guy 122/64* (GAB)

actual size: 37 mm



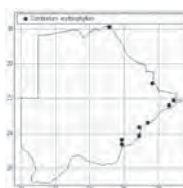
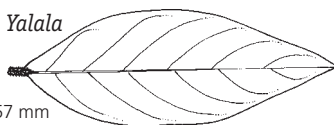
MS

***Combretum erythrophyllum* (Burch.) Sond.****N, SE**

moduba-wa-noka, modubu, mokhukhu; river bushwillow, river combretum

Voucher: Near Tlokweng Village, *Yalala 147* (SRGH)

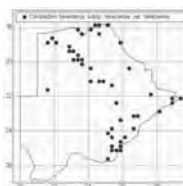
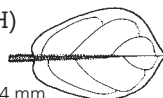
actual size: 57 mm

***Combretum hereroense* Schinz****N, SW, SE**

mokabi, mokata, mongare, monwana, mungave, nswazwi; mouse-eared combretum, russet bushwillow

Voucher: 24 km west of Ghanzi, *Balance 634* (SRGH)

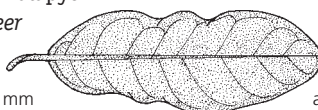
actual size: 44 mm

***Combretum imberbe* Wawra****N, SW, SE**

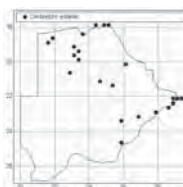
kavimba, madikolo, mbgweti, monyondo, motswere, motswiri, movimba; bastard yellow wood, elephant trunk, ivory tree, leadwood

Voucher: Near Mahalapye railway line, *De Beer 524* (SRGH)

actual size: 84 mm



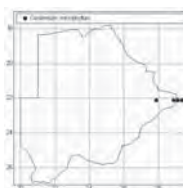
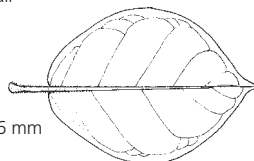
actual size: 28 mm

***Combretum microphyllum* Klotzsch****SE**

burning-bush combretum, flame combretum, small-leaved flame bushwillow

Voucher: Tuli Block, Nitani Game Reserve, *Baytopp 156* (UNIN)

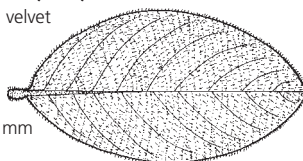
actual size: 66 mm

***Combretum molle* R.Br. ex G.Don****N, SW, SE**

modubatshipi, mohudiri-wa-lentswe, molatswe; velvet bushwillow, velvet-leaved combretum

Voucher: Ngamiland, *Curson 811* (PRE)

actual size: 80 mm

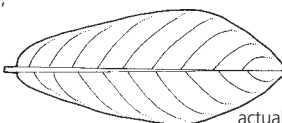


***Combretum mossambicense* (Klotzsch) Engl.**

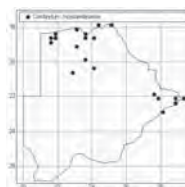
N, SE

kankolo, motsheketsane, motsweketsane, mtweketsane;
knobby combretum, knobby creeping bushwillow,
Mozambique combretum, shaving-brush
combretum

Voucher: Matlapaneng Drift near Maun,
Story 4651 (PRE)



actual size: 75 mm

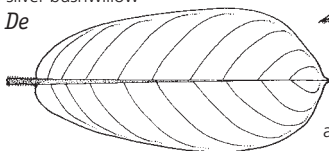


Combretum psidioides* Welw. subsp. *psidioides

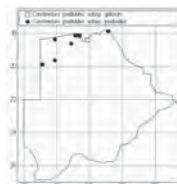
N

peeling-twigg combretum, silver bushwillow

Voucher: Mahalapye, De
Beer 674 (SRGH)



actual size: 87 mm



***Combretum schumannii* Engl.**

N

mochiara; sand bushwillow

Voucher: Serondela, Miller B/1199 (SRGH)



actual size: 44 mm

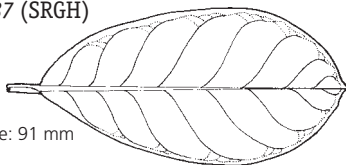


***Combretum zeyheri* Sond.**

N, SE

moduba, modube, mosinsi, mosula, ufufu; large-fruited
bushwillow, large-fruited combretum

Voucher: Kanye Hills, De Beer 687 (SRGH)



actual size: 91 mm



***Pteleopsis* Engl.**

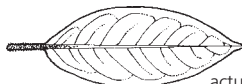
Myrtle bushwillow trees

***Pteleopsis myrtifolia* Engl. & Diels**

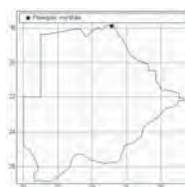
N

moanzabala, mofungi, motindi; myrtle bushwillow, pteleopsis,
two-winged pteleopsis

Voucher: Kazungula, Miller B/194 (FHO)



actual size: 64 mm



Terminalia L.

Cluster-leaf trees

Terminalia brachystemma Welw. ex Hiern

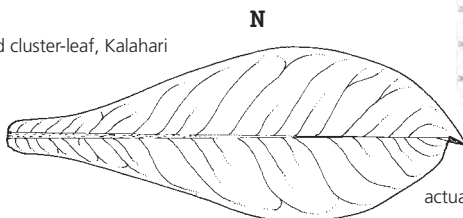
subsp. *brachystemma*

nsuru-ntukunu; Kalahari sand cluster-leaf, Kalahari sand terminalia

Voucher: Kasane, Chobe

National Park 'Valley

Road', Van Wyk 49 (PRE)



actual size: 122 mm



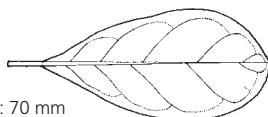
Terminalia prunioides Laws.

N, SW, SE

mochara, motororo, motsiara, motsiyana, mususu; purple-pod cluster-leaf, purple-pod terminalia

Voucher: Tuli Block, Nitani Game Reserve, Baytopp

166 (UNIN)



actual size: 70 mm



actual size: 32 mm



Terminalia randii Baker f.

N, SE

small-leaved cluster-leaf

Voucher: 130 km south of Kazungula, Woollard 663

(UCBG)



actual size: 33 mm



actual size: 13 mm

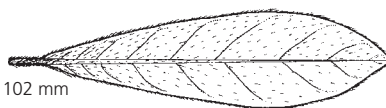


Terminalia sericea Burch. ex DC.

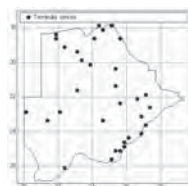
N, SW, SE

mokuba, mogonono, moshosho; silver cluster-leaf

Voucher: Gaborone, Mott 818 (UCBG)



actual size: 102 mm



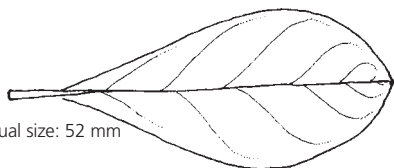
Terminalia stuhlmannii Engl.

N

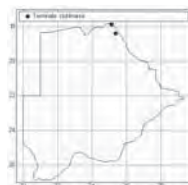
zigzag cluster-leaf, zigzag terminalia

Voucher: 70 km south of Kazungula, Venter, Hahn &

Archer 157 (PRE)



actual size: 52 mm



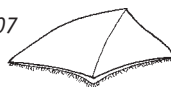
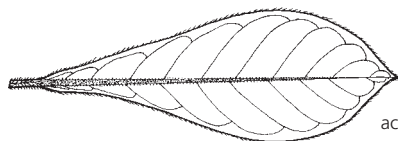
***Terminalia trichopoda* Diels**

hybrid cluster-leaf, hybrid terminalia

Voucher: Tati, savanna woodland, Miller B/1307

(PRE)

N



actual size: 104 mm



CONNARACEAE

Itch-pod family

***Rourea* Aubl.**

Short-pod trees

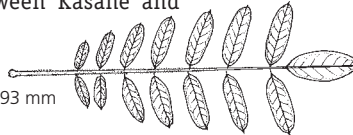
***Rourea orientalis* Baill.**

monwana; short-pod

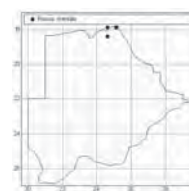
Voucher: Chobe District, between Kasane and

Kazungula, Miller B/1129 (PRE)

N



actual size: 93 mm



DIPTEROCARPACEAE

Monotes family

***Monotes* A.DC.**

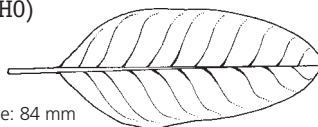
Monotes trees

***Monotes glaber* Sprague**

moangarara; pale-fruited monotes

Voucher: Sitengu Pan, Miller 143 (FH0)

N



actual size: 84 mm



EBENACEAE

Ebony family

***Diospyros* L.**

Star-apple bushes

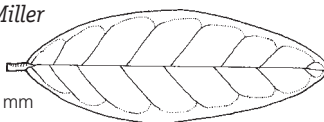
***Diospyros batocana* Hiern**

monjongolo; sand jackal-berry

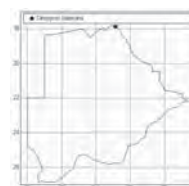
Voucher: Leshoma Valley, Chobe, Miller

B/480 (FH0)

N



actual size: 86 mm



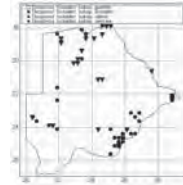
Diospyros lycioides* Desf. subsp. *guerkei
(Kuntze) De Winter

SE

letlhaja, letlhajwa; Transvaal bluebush

Voucher: Mannyelanong Hill, 32 km south of Gaborone, Mott 654 (SRGH)

actual size: 50 mm

□ *Diospyros lycioides* subsp. *guerkei*

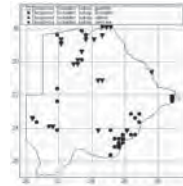
Diospyros lycioides* Desf. subsp. *lycioides

N, SW, SE

letlhaja, letlhajwa, molootsameno, motlhaja, motlhajwa, nshangule; bluebush, Kalahari star-apple, red star-apple

Voucher: Bohelabatho Pan, Skarpe 293 (SRGH)

actual size: 36 mm

● *Diospyros lycioides* subsp. *lycioides*

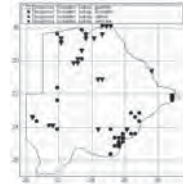
***Diospyros lycioides* Desf. subsp. *nitens* (Harv. ex Hiern) De Winter**

SE

velvet bluebush

Voucher: Tuli Block, Nitani Game Reserve, Baytopp 154 (UNIN)

actual size: 20 mm

▲ *Diospyros lycioides* subsp. *nitens*

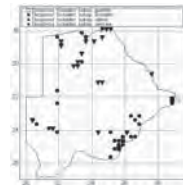
Diospyros lycioides* Desf. subsp. *sericea
(Bernh.) De Winter

N, SW, SE

letlhaja, letlhajwa, motlhaja, motlhajwa; hairy bluebush, Kalahari star-apple, red star-apple

Voucher: Chobe-Zambezi confluence, E.M. & W. 1469 (SRGH)

actual size: 58 mm

▼ *Diospyros lycioides* subsp. *nitens*
De Winter

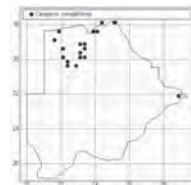
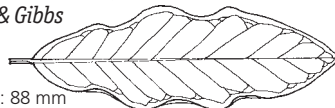
***Diospyros mespiliformis* Hochst. ex A.DC.**

N

isuma, mbiriri, mochenje, mokhutsomu, mokochong, mokutshumo, muchenje, utunda; African ebony, ebony, ebony diospyros, jackal-berry, medlar, monkey guava, Mozambique ebony, persimmon, Rhodesian ebony, Transvaal ebony

Voucher: Gobega Lagoon, Biegel & Gibbs Russell 3861 (SRGH)

actual size: 88 mm



Euclea* Murray*Guarri bushes*****Euclea crispa* (Thunb.) Guerke subsp. *ovata* (Burch.) F.White**

round-leaved blue guarri

Voucher: Pharing, Mmakgodumo

Valley, Miller B/550 (K)

SE



actual size: 38 mm

□ *Euclea crispa* subsp. *ovata****Euclea divinorum* Hiern**

N, SE

moshitondo, motlhakola, nshangule; diamond leaf, diamond-leaved euclea, magic guarri, toothbrush tree

Voucher: Majali River, Yalala 191 (SRGH)

actual size: 84 mm

***Euclea natalensis* A.DC. subsp. *angustifolia***

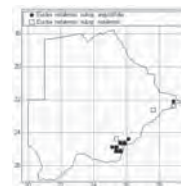
F.White

SE

mosasawane, motlhakola, motlhakola-o-montsho, motlhakola-wa-kgomo; large-leaved guarri

Voucher: Bakgatla Reserve, Mochudi, Rogers 6630 (K)

actual size: 65 mm

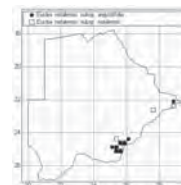
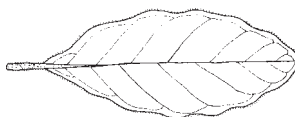
● *Euclea natalensis* subsp. *angustifolia****Euclea natalensis* A.DC. subsp. *natalensis***

SE

mosasawane, motlhakola, motlhakola-o-montsho, motlhakola-wa-kgomo; large-leaved guarri, Natal guarri

Voucher: At Kolobeng River, 20 km west of Gaborone, Mott 963 (GAB)

actual size: 78 mm

□ *Euclea natalensis* subsp.***Euclea undulata* Thunb. subsp. *myrtina* (Burch.) Hiern**

N, SW, SE

mokwelekwewe, moshitondo, mosokola, motlhakola, motlhakolana, motlhakolane, motlhakolwana, motlhakolwane, motokola, nshangule-ntukunu; common guarri, fire-fighter's blessing, small-leaved guarri, thicket euclea

Voucher: Tuli Block, Nitani Game Reserve, Baytopp 152 (UNIN)

actual size: 29 mm



actual size: 29 mm



ERYTHROXYLACEAE

Coca family

Erythroxylum P.Browne

Coca trees

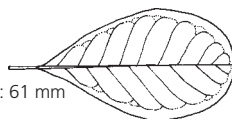
Erythroxylum zambesiaccum N.Robson

N

Zambezi coca tree

Voucher: Kasane, Miller B/825 (PRE)

actual size: 61 mm



EUPHORBIACEAE

Euphorbia family

Acalypha L.

False-nettle bushes

Acalypha glabrata Thunb. var. *glabrata*

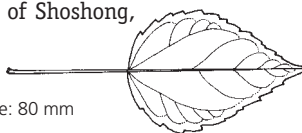
SE

moharatshwene; forest false-nettle, silky berry

Voucher: 2326b1, hill 5 miles south of Shoshong,

Woollard 1738 (UCBG)

actual size: 80 mm



● *Acalypha glabrata* var. *glabrata*

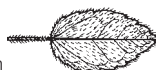
Acalypha glabrata Thunb. var. *pilosior*
(Kuntze) Prain

SE

moharatshwene; hairy forest false-nettle

Voucher: 3 km north of Kanye, Hansen 3507 (GAB)

actual size: 41 mm



□ *Acalypha glabrata* var. *pilosior*

Antidesma L.

Tassel berry trees

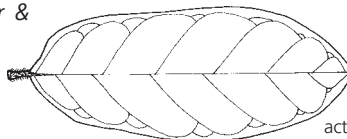
Antidesma venosum E.Mey. ex Tul.

N, SE

kgobe-tsa-badisana, moingwe, mojama, motoya, muxuwa,
segagama, simaj; tassel berry

Voucher: Kasane, Venter, Archer &

Hahn 374 (PRE)



actual size: 92 mm



Bridelia Willd.

Sweetberry trees

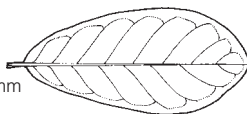
Bridelia cathartica Bertol.f.

blue sweetberry, knobby bridelia

Voucher: Kasane, Woollard 170 (GAB)

N

actual size: 65 mm



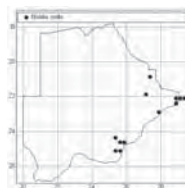
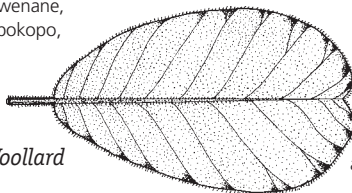
Bridelia mollis Hutch.

N, SE

mokokwena, mokokonane, mokokonyana, mokokwane, mokokwele, mokokwenana, mokokwenane, mokomanawe, mokopakopa, mokopokopo, mokororo, mongwanengebe, nkumbakumba; velvet bridelia, velvet sweetberry

Voucher: Matshukudu Ridge, 10 miles west of Molepolole, Woollard 1227 (UCBG)

actual size: 93 mm



Clutia L.

Lightning bushes

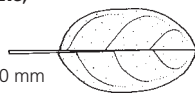
Clutia pulchella L. var. *pulchella*

SW, SE

pudimolwetse; warty-fruited lightning bush

Voucher: Otse Hill, 30 miles southeast of Gaborone, Mott 220a (GAB)

actual size: 50 mm



Croton L.

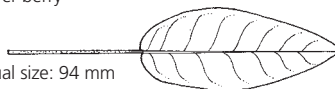
Fever-berry trees

Croton gratissimus Burch. var. *gratissimus* N, SE, SW

mhakwana, mmakwana, moologa, ngala-dombo, umumbango; lavender croton, lavender fever-berry

Voucher: Gcwihaba Hills, Long & Rae 333 (GAB)

actual size: 94 mm



● *Croton gratissimus* var. *gratissimus*

Croton gratissimus Burch. var. *subgratissimus*

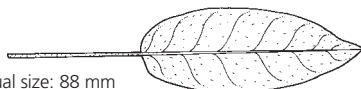
(Prain) Burtt Davy

N, SW, SE

mhakwana, mmakwana, moologa, ngala-dombo, umumbango; lavender croton, lavender fever-berry

Voucher: Tuli Block, Nitani Game Reserve, Baytopp s.n. sub UNIN 8494 (UNIN)

actual size: 88 mm



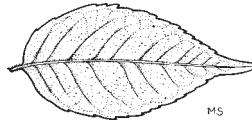
□ *Croton gratissimus* var. *subgratissimus*

Croton leuconeurus* Pax*N**

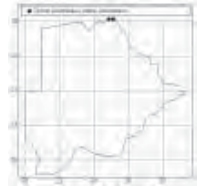
Barotse fever-berry

Voucher: Kasane, *Venter, Archer & Hahn 372* (PRE)

actual size: 68 mm



MS

***Croton megalobotrys* Müll.Arg.****N, SE**

mobwiti, moepe, moshooole, motsebi, motukatuka, mutsebi, phofutsa, phokotsa, phukutsa, pokudza; fever-berry, large fever-berry, river fever-berry

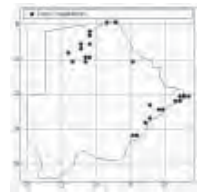
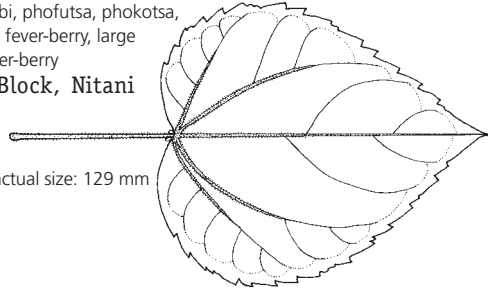
Voucher: Tuli Block, Nitani

Game Reserve,

Baytopp 195

(UNIN)

actual size: 129 mm

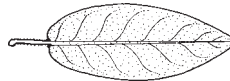
***Croton menyharthii* Pax****N, SW, SE**

moologa; rough-leaved croton, rough-leaved fever-berry

Voucher: Northwest of the Kgwebe Hills, *Smith 2145*

(GAB)

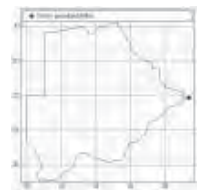
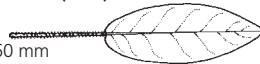
actual size: 60 mm

***Croton pseudopulchellus* Pax****SE, SW**

moologa; lesser lavender croton, small lavender croton, small lavender fever-berry

Voucher: Between Kasane and Nata, 28 km south of Pandamatenga, *Venter, Archer & Hahn 388* (PRE)

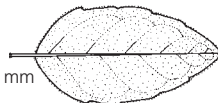
actual size: 60 mm

***Erythrococca* Benth.****Red-berry bushes*****Erythrococca menyharthii* (Pax) Prain****N, SE**

modijwane; northern red-berry

Voucher: Maun, *Yalala 403* (GAB)

actual size: 57 mm



***Erythrococca trichogyne* (Müll.Arg.) Prain N, SE**

modijwane, mononyane; twin red-berry

Voucher: Matlolakgang Ranch, Hansen 3507 (GAB)



***Euphorbia* L.**

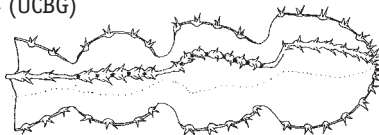
Candelabra trees

Euphorbia cooperi* N.E.Br. ex Berger var. *cooperi

SE

nkodi-nkulu; lesser candelabra tree

Voucher: Moeng, Woollard 784 (UCBG)



***Euphorbia guerichiana* Pax**

N, SE

letlagadi; western woody euphorbia

Voucher: Tuli Block, Nitani Game Reserve, Baytopp

220 (UNIN)

actual size: 23 mm



***Euphorbia ingens* E.Mey. ex Boiss.**

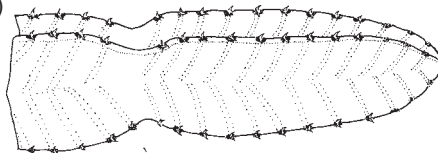
N, SE

mookoso, ngogo, ngwago, nkodi-nkulu; candelabra tree

Voucher: Between Serowe and Palapye, Hargreaves

& Larsen 6583 (GAB)

actual size: width 20 mm



***Euphorbia matabelensis* Pax**

N

three-forked euphorbia

Voucher: 29.5 km north of Nata, Smith 4229 (GAB)

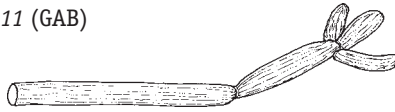


Euphorbia tirucalli* L.*N, SE**

moremotala, motsetse, ngocha, ngotza; rubber hedge
euphorbia

Voucher: Maun, *Smith 2111* (GAB)

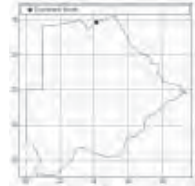
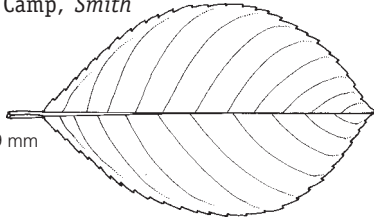
actual size: 115 mm

***Excoecaria* L.*****Excoecaria bussei* (Pax) Pax****N**

pawnbroker tree

Voucher: Liversidge's Camp, *Smith*
2708 (GAB)

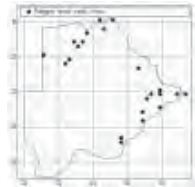
actual size: 99 mm

***Flueggea* Willd.****White-berry bushes*****Flueggea virosa* (Roxb. ex Willd.) Voigt subsp.*****virosa*****N, SE**

mala-a-ditlhapi, monwana, motatane, motatang, sefamaeba;
white-berry bush

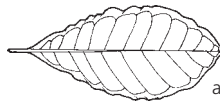
Voucher: Motloutse River, 5 km north of Selibe-
Phikwe, *Setshogo S82* (UCBG)

actual size: 32 mm

***Margaritaria* L.f.****Red pear trees*****Margaritaria discoidea* (Baill.) Webster var.*****nitida* (Pax) Radcl.-Sm.****N, SE**

common pheasant-berry

Voucher: Kwando River, *Smith 3575* (GAB)



actual size: 58 mm

***Phyllanthus* L.****Potato bushes*****Phyllanthus reticulatus* Poir. var. *reticulatus*****N, SE**

loetsane; potato bush, potato plant, potato smell, potato tree

Voucher: South of Shakawe, *Astle 7522* (GAB)



actual size: 35 mm



Pseudolachnostylis Pax

Kudu-berry trees

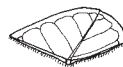
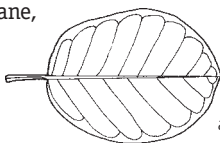
Pseudolachnostylis maprouneifolia Pax var. *dekindtii* (Pax) Radcl.-Sm.

mojaphuti, mokungu, mokunya bambi; hairy kudu-berry

Voucher: 170 km from Kasane,

Norman 4/84 (GAB)

N



actual size: 58 mm



□ *Pseudolachnostylis maprouneifolia* var. *dekindtii*

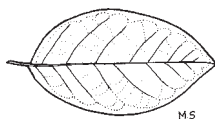
Pseudolachnostylis maprouneifolia Pax var. *glabra* (Pax) Brenan

shiny kudu-berry

Voucher: Tswapong North, Majwaneng Village,

Setshogo s.n. (UCBG)

N



M.S.

actual size: 56 mm



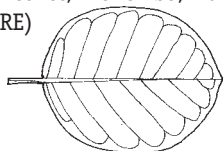
● *Pseudolachnostylis maprouneifolia* var. *glabra*

Pseudolachnostylis maprouneifolia Pax var. *maprouneifolia*

N, SE

mojaphuti, mokonu, mokungu, mokunya bambi; kudu-berry

Voucher: Ngamiland District, Mohembo, Baikiaea forest, Miller B/423 (PRE)



actual size: 57 mm



▲ *Pseudolachnostylis maprouneifolia* var. *maprouneifolia*

Schinziophyton Hutch. ex Radcl.-Sm.

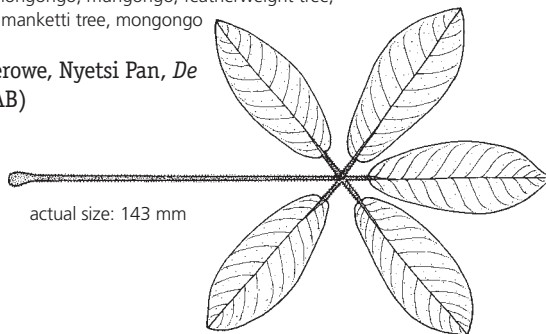
Manketti trees

Schinziophyton rautanenii (Schinz) Radcl.-Sm.

N, SE

mokongwa, mongongo, mungongo; featherweight tree, manketti nut, manketti tree, mongongo nut

Voucher: Serowe, Nyetsi Pan, De Beer B8 (GAB)

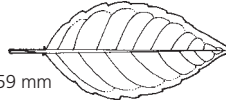


actual size: 143 mm



Spirostachys* Sond.*Tamboti trees*****Spirostachys africana* Sond.****N, SE**

morekhure, morukuru; African mahogany tree, African sandalwood, jumping bean tree, tamboti

Voucher: Gaborone, *Mott 732* (GAB)

actual size: 59 mm

**FABACEAE**

Pod-bearing family

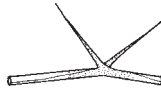
MIMOSOIDEAE

Mimosa subfamily

Acacia* Mill.*Thorn trees*****Acacia arenaria* Schinz****N, SW, SE**

chimiwane, mogokatau, mosokelateng, muparapara, pharaspikiri; sand acacia

Voucher: 3 km north of

Makoro Siding, *Leach &**Noel 260* (SRGH)

actual size (pod): 120 mm

***Acacia ataxacantha* DC.****N, SW, SE**

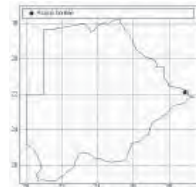
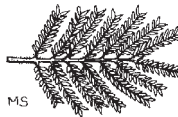
!hug/em! (!Kung), //gani (!Xõ), mogokatau, mokgwa, mokona, mokuku, mooka-tau, oluejo; flame acacia, flame thorn

Voucher: Xudum River, *Richard 14745* (SRGH)

actual size (pod): 100 mm

***Acacia borleae* Burt Davy****SE**Voucher: Semolale (Bobonong Subdistrict), *Van der**Poel 7* (UCBG)

actual size: 75 mm

***Acacia burkei* Benth.****SE**

mokgwa, mokoba, mokotokoto; black monkey-thorn

Voucher: Pharing, *Miller B/492* (PRE)

actual size (pod): 80 mm



***Acacia caffra* (Thunb.) Willd.**

N, SE

moruthhare, moruthatsane, moruthatshana, moruthatshane, moruthware, mositsane; cat thorn, common hook-thorn, water thorn

Voucher: Sikwane, *Reyneke 420* (PRE)



actual size (pod): 89 mm

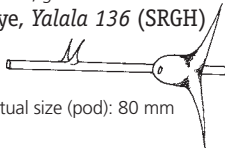


***Acacia erioloba* E.Mey.**

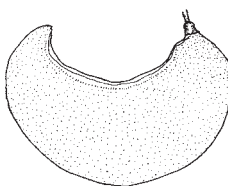
N, SW, SE

//ah (!Xõ), /ana (!Kung), go (Kûa), mogotlho, mokala, omumbonde; camel thorn, giraffe thorn

Voucher: Mahalapye, *Yalala 136* (SRGH)



actual size (pod): 80 mm



***Acacia erubescens* Welw. ex Oliv.**

N, SW, SE

g//are (G//ana), moloto, murengambo, n!ã (!Kung), omungongomwi; blue thorn

Voucher: Toteng, *Strong 4659* (PRE)



actual size (pod): 80 mm



***Acacia fleckii* Schinz**

N, SW, SE

/kane, gare (G//ana), mfafu, mhahu, mohahu, mokoka, mokoko, mokokwane, mukona, n=ahli (!Xõ), n=eng (!Kung), omutaurambuku; blade thorn

Voucher: 58 km north of Kang on road to Ghanzi, *De Winter 7358* (SRGH)



actual size (pod): 80 mm

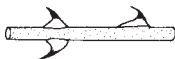


***Acacia galpinii* Burt Davy**

N, SE

mokala, mophoka, mpungwane; monkey thorn

Voucher: 10 km northeast of Maun, *Miller B/278* (PRE)



actual size (pod): 180 mm



Acacia gerrardii* Benth. var. *gerrardii

N, SW, SE

moga, moki; grey-haired acacia, red thorn

Voucher: 37 km east of Tshane, *Miller B/100* (PRE)

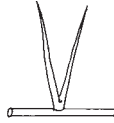


actual size (pod): 49 mm



***Acacia grandicornuta* Gerstner**

moshoaka; horned thorn
 Voucher: 11 km from
 Shoshong on road to
 Mahalapye, *De Beer*
 559 (SRGH)

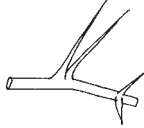


N, SW, SE

actual size (pod): 76 mm

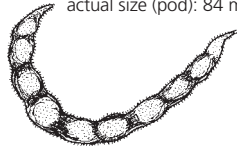
***Acacia haematoxylon* Willd.**

mokholo; grey camel
 thorn
 Voucher: 16 km
 south of Tshabong,
Wild 5160 (SRGH)



SW

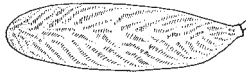
actual size (pod): 84 mm



® ***Acacia hebeclada* DC. subsp. *chobiensis***
(O.B.Mill.) A.Schreib.

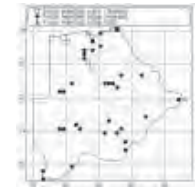
mogoka, mungcinda, sekhi, setshi; candle pod acacia, candle
 thorn, Chobe candle acacia

Voucher: Sijawa Hunters Camp, *Smith 2624* (GAB)



actual size (pod): 87 mm

N

□ *Acacia hebeclada* subsp. *chobiensis****Acacia hebeclada* DC. subsp. *hebeclada***

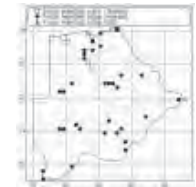
N, SW, SE

chiwonza, mogoka, mookana, n//a (G//ana), n//ah (!Xö),
 otjimbuku, sekhi, setshi; candle thorn, candle pod acacia,
 mouse bush

Voucher: Tuli Block,
 Nitani Game Reserve,
Baytopp 144 (UNIN)



actual size (pod): 80 mm

● *Acacia hebeclada* subsp. *hebeclada****Acacia hereroensis* Engl.**

morufiri; mountain thorn

Voucher: Lobatse, *Pole Evans 3152* (PRE)



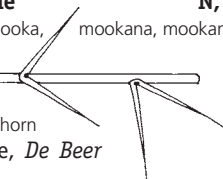
actual size (pod): 88 mm

SE

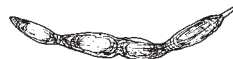
***Acacia karroo* Hayne**

butema, gaba, mokha, mooka,
 orusu; gum Arabic tree,
 karoo thorn, mimosa
 thorn, sour thorn, sweet
 thorn, thorn tree, white thorn

Voucher: Bonwapitse, *De Beer*
 543 (SRGH)



N, SW, SE



actual size (pod): 80 mm



Acacia kirkii* Oliv. subsp. *kirkii

N

ijwairi, moralo, motlhabakgosi;

floodplain acacia

Voucher: 5 km northeast

of Makarikari

(Makgadikgadi) Pan,

Drummond &

Seagrief 5144

(SRGH)



actual size (pod): 107 mm



***Acacia luederitzii* Engl. var. *luederitzii* N, SW, SE**

!ola (!Xō), g!u (!Kung), go (G//ana, Nharo), kangaranga,

moka, mokala, mo-

mooku, omungondo;

kgwelekgwele, moku, mooka,

thorn, Kalahari sand

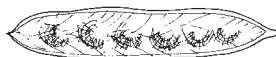
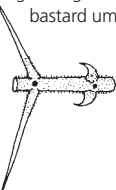
acacia, Kalahari sand

thorn

Voucher: Artesia,

Pole Evans 3170

(PRE)



actual size (pod): 97 mm



● *Acacia luederitzii* var. *luederitzii*

***Acacia luederitzii* Engl. var. *retinens* (Sim) Ross**

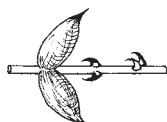
& Brennan

N, SE

kangaranga, moka, mokala, mokgwelekgwele; belly thorn,

fat-thorned acacia, Kalahari sand thorn

Voucher: Southeast of Gaborone, *Yalala* 151 (GAB)



actual size (pod): 73 mm



□ *Acacia luederitzii* var. *retinens*

Acacia mellifera* (Vahl) Benth. subsp. *detinens

(Burch.) Brennan

N, SW, SE

!gou (!Kung), //ha (!Xō, Nharo), //kowa, //wa (G//ana),

mongana, monka, more-o-mabele, mukona, nkogwana,

nkoshwana, omusaona, ungandu; black thorn, hook thorn,

wait-a-bit thorn

Voucher: 32 km north

of Werda, *Wild* 5164

(SRGH)



actual size (pod): 66 mm



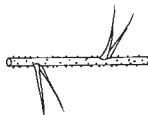
***Acacia nebrownii* Burtt Davy**

N, SW, SE

//ari (G//ana), /xali (!Xō), lephuratshekudu, lerwana,

orupunguya; water acacia, water thorn

Voucher: Takatshwane Pan, *Wild* 5086 (SRGH)



actual size (pod): 119 mm



Acacia nigrescens* Oliv.*N, SE**

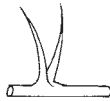
goshwe, mokoba, more-o-mabele, mughandutji, mwanduchi, nkogo, ungandu, yi (!Kung); knob-thorn

Voucher: Mahalapye, *De Beer* 782 (SRGH)

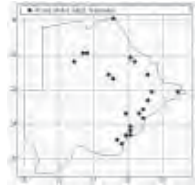
actual size (pod): 66 mm

***Acacia nilotica* (L.) Willd. ex Delile subsp.*****kraussiana* (Benth.) Brenan****N, SE**

mokga, mokhe, mokhi, moku, moshu, motlhabakgosi, motsha, nkerebu; black thorn, Egyptian mimosa, gum acacia, gum Arabic tree, scented thorn

Voucher: Nata River, 8 km from mouth, *Drummond* & *Seagrief* 5181 (SRGH)

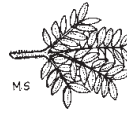
actual size (pod): 113 mm

***Acacia permixta* Burtt Davy****SE**

hairy acacia, slender thorn

Voucher: 20 km north of Molepolole on Lephepe Track, Kweneng District, *Timberlake* 2083 (UCBG)

actual size: 30 mm

***Acacia polyacantha* Willd. subsp.*****campylacantha* (Hochst. ex A.Rich.) Brenan****N, SE**

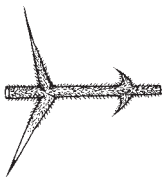
white thorn, white thorn tree

Voucher: Ngamiland, *Curson* 548 (PRE)

actual size (pod): 116 mm

***Acacia rehmanniana* Schinz****N, SE**

ngaba; silky acacia, silky thorn

Voucher: 21 km from Tsessebe to pan, *Pole Evans* 2578 (PRE)

actual size (pod): 93 mm



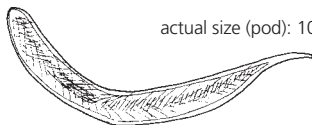
***Acacia robusta* Burch. subsp. *clavigera* (E.Mey.)**

Brenan

N

moga, moku, moshaka; sickle-pod splendid acacia

Voucher: Between Kasane and Kazungula, *Miller B/1125* (PRE)



actual size (pod): 108 mm



□ *Acacia robusta* subsp. *clavigera*

Acacia robusta* Burch. subsp. *robusta

N, SE

moga, moku, moshaka; false umbrella thorn, splendid acacia

Voucher: Gaborone, *Yalala 153* (SRGH)



actual size (pod): 107 mm



● *Acacia robusta* subsp. *robusta*

Acacia schweinfurthii* Brenan & Exell var. *schweinfurthii

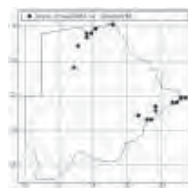
N, SE

river climbing acacia, river-climbing thorn

Voucher: Ratholo, *De Beer 699* (SRGH)



actual size (pod): 104 mm



Acacia senegal* (L.) Willd. var. *leiorhachis

Brenan

SE

three-thorned acacia

Voucher: Seleka Hill, 20 km west of Sherwood, Tuli Block, *Timberlake 2220* (UCBG)



actual size (pod): 85 mm



□ *Acacia senegal* var. *leiorhachis*

***Acacia senegal* (L.) Willd. var. *rostrata* Brenan**

N, SW, SE

omuryangava; three-thorned acacia

Voucher: North of Lake Dow, 40 km east-southeast of Rakops, *Wild & Drummond 7223* (SRGH)



actual size (pod): 68 mm

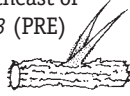


● *Acacia senegal* var. *rostrata*

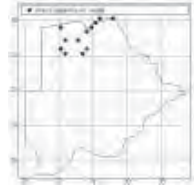
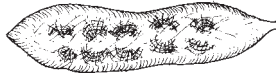
Acacia sieberiana* DC. var. *woodii* (Burt Davy)*Keay & Brennan****N**

more-o-mosetlha, mughombe, omuhengehenge; flat-topped thorn, paperbark acacia, paperbark thorn

Voucher: 123 km northeast of Maun, Van Son 28873 (PRE)



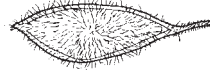
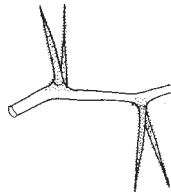
actual size (pod): 97 mm

***Acacia stuhlmannii* Taub.**

hairy acacia

SE

Voucher: Sowa Flats near Serowe, De Beer 55 (SRGH)



actual size (pod): 73 mm

***Acacia tenuispina* Verd.**

thwana

SE

Voucher: Malolwane, Kgatleng District, Woollard 1087 (UCBG)



actual size: 34 mm

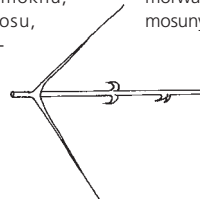
MS

***Acacia tortilis* (Forssk.) Hayne subsp.*****heteracantha* (Burch.) Brennan****N, SW, SE**

/gali (!Kung), mojwa, mokhu, moshaoaka, moshu, mosu, mudjwa, nsu, orusu-orupunguya; curly-pod

morwane, mosunyana,

Voucher: Mahalapye, Yalala 130 (SRGH)

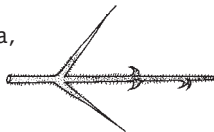


actual size (pod): 27 mm

● *Acacia tortilis* subsp. *heteracantha****Acacia tortilis* (Forssk.) Hayne subsp.*****spirocarpa* (Hochst. ex A.Rich.) Brennan****N**

mojwa, mosu, mosunyana, nsu; hairy umbrella thorn

Voucher: Serondela, Robertson & Elfers 71 (SRGH)



actual size (pod): 28 mm

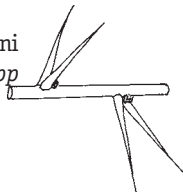
□ *Acacia tortilis* subsp. *spirocarpa*

***Acacia xanthophloea* Benth.**

more-o-mosetlha; fever tree

Voucher: Tuli Block, Nitani

Game Reserve, Baytopp
139 (UNIN)



SE



actual size (pod): 80 mm



Albizia Durazz.

False-thorn trees

***Albizia amara* (Roxb.) Boivin subsp.**

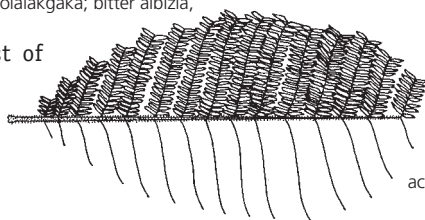
***sericocephala* (Benth.) Brenan**

mmola, moarangaranga, molalakgaka; bitter albizia,
bitter false-thorn

Voucher: 72 km west of

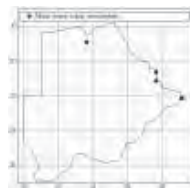
Francistown, Miller B/

412 (PRE)



N, SE

actual size: 220 mm



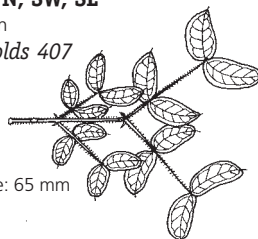
***Albizia anthelmintica* (A.Rich.) Brongn.**

N, SW, SE

monoga; worm-cure albizia, worm-cure false-thorn

Voucher: 13 km north of Sikwane, Reynolds 407

(PRE)



actual size: 65 mm



***Albizia brevifolia* Schinz**

N, SE

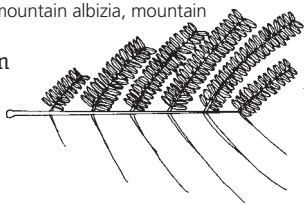
mmola, molalakgaka; mountain albizia, mountain
false-thorn

Voucher: Between

Sukwe and Nata,

De Beer & Yalala 33

(SRGH)



actual size: 80 mm



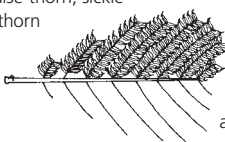
***Albizia harveyi* Fourn.**

N, SE

mmola, molalakgaka; common false-thorn, sickle-
leaved albizia, sickle-leaved false-thorn

Voucher: Mahalapye, Mo-

rale, De Beer Bop 6 (SRGH)



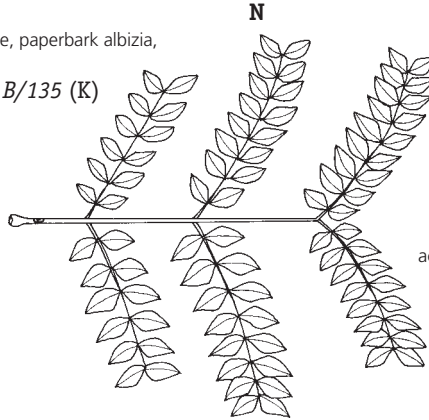
actual size: 60 mm



Albizia tanganyicensis* Baker f. subsp. *tanganyicensis

sipumbula-ma-tako; fever tree, paperbark albizia, paperbark false-thorn

Voucher: Kasane, Miller B/135 (K)



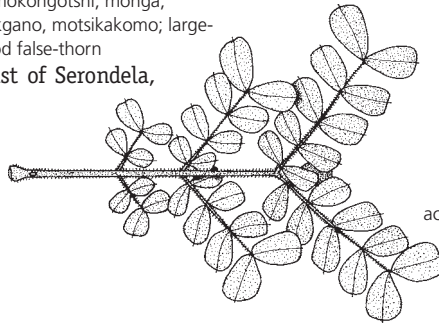
actual size: 220 mm

***Albizia versicolor* Welw. ex Oliv.**

N, SE

linko, mmola, mokobongo, mokongotshi, monga, mosindangoma, motshwarakgano, motsikakomo; large-leaved false-thorn, poison-pod false-thorn

Voucher: 4 km northeast of Serondela, Miller B/335 (PRE)



actual size: 460 mm

***Amblygonocarpus* Harms**

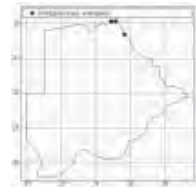
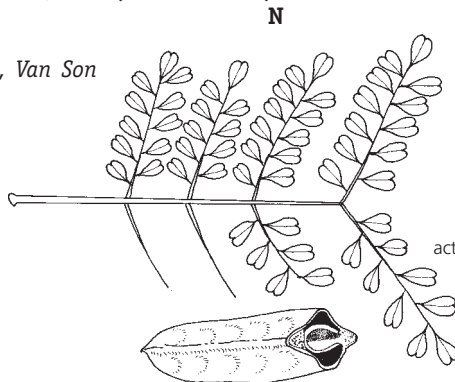
Rattle trees

***Amblygonocarpus andongensis* (Welw. ex Oliv.)**

Exell & Torre

mbaibai; Scotsman's rattle

Voucher: Kabulabula, Van Son 28884 (PRE)



actual size: 240 mm

Dichrostachys (A.DC.) Wight & Arn.

Sickle bushes

Dichrostachys cinerea (L.) Wight & Arn. subsp.

africana Brenan & Brummitt var. *africana* N, SE

moselesele, mpangale; Kalahari Christmas tree, sickle bush

Voucher: Jwaneng, Aye 3352 (UCBG)



actual size: 50 mm



● *Dichrostachys cinerea* subsp. *africana* var. *africana*

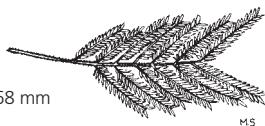
Dichrostachys cinerea (L.) Wight & Arn. subsp.

africana Brenan & Brummitt var. *lugardiae*

(N.E.Br.) Brenan & Brummitt SE

moselesele, mpangale; Kalahari Christmas tree, sickle bush

Voucher: Morale Pasture Station, Yalala 131 (SRGH)



actual size: 68 mm

M.S



□ *Dichrostachys cinerea* subsp. *africana* var. *lugardiae*

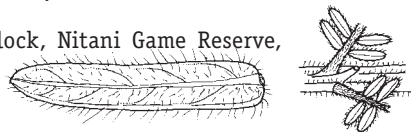
Dichrostachys cinerea (L.) Wight & Arn. subsp.

africana Brenan & Brummitt var. *pubescens*

Brenan & Brummitt SE

moselesele, mpangale; hairy sickle bush, Kalahari Christmas tree

Voucher: Tuli Block, Nitani Game Reserve, Baytopp 146 (UNIN)



actual size: 67 mm



▲ *Dichrostachys cinerea* subsp. *africana* var. *pubescens*

Dichrostachys cinerea (L.) Wight & Arn. subsp.

africana Brenan & Brummitt var. *setulosa*

(Welw. ex Oliv.) Brenan & Brummitt N, SW, SE

moselesele, mpangale; Kalahari Christmas tree, velvet sickle bush

Voucher: Kaotwe, Van Son 28862 (K)



actual size: 37 mm



▼ *Dichrostachys cinerea* subsp. *africana* var. *setulosa*

Dichrostachys cinerea (L.) Wight & Arn. subsp.

argillicola Brennan & Brummitt var. *hirtipes*

Brenan & Brummitt N, SE

moselesele, mpangale; Kalahari Christmas tree, sickle bush

Voucher: Deception Pan, Central Kalahari Game Reserve, M. Owens 40 (K; SRGH)

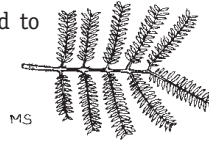


***Dichrostachys cinerea* (L.) Wight & Arn. subsp. *nyassana* (Taub.) Brenan** N

moselesele, mpangale; Kalahari Christmas tree, large-leaved sickle bush

Voucher: 41 km south of Francistown on road to Palapye, *Thompson 1660* (PRE)

actual size: 40 mm



***Elephantorrhiza* Benth.**

Curly-bean bushes

***Elephantorrhiza burkei* Benth.**

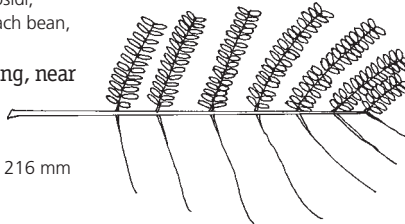
mbola, mosetlha-o-monnye, mosidi, mosidigodimo, mositsane; sumach bean, sumach elephant root

Voucher: 1 km east of Pharing, near Kanye, *Miller B/514*

(SRGH)

N, SW, SE

actual size: 216 mm



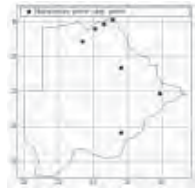
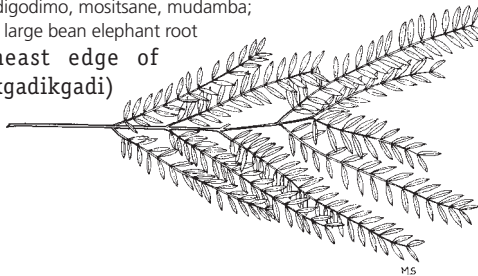
Elephantorrhiza goetzei* (Harms) Harms subsp. *goetzei N, SE

mereko, mosidi, mosidigodimo, mositsane, mudamba; bastard sumach bean, large bean elephant root

Voucher: Northeast edge of Makarikari (Makgadikgadi)

Pan, *Pole Evans*

2591 (PRE)



actual size: 150 mm

***Faidherbia* A.Chev.**

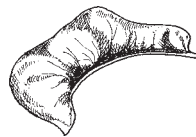
Ana trees

***Faidherbia albida* (Delile) A.Chev.**

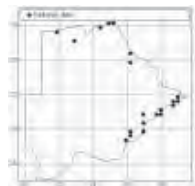
N, SE

kananka, mokosho, mokoso, monga, omue; ana tree, apple-ring thorn, white thorn, winter thorn

Voucher: Chobe, *Robertson & Elffers 100* (SRGH)



actual size: 70 mm



CAESALPINIOIDEAE

Cassia subfamily

Afzelia Sm.

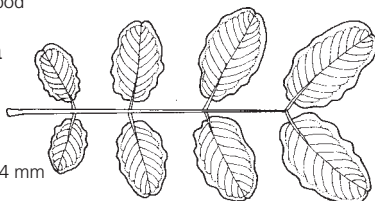
Pod mahogany trees

Afzelia quanzensis Welw.

ikonkamukota, kamba, mwande; pod mahogany

Voucher: Nata-Kazungula Road, Smith 4241 (GAB)

N, SE



actual size: 194 mm



Baikiaea Benth.

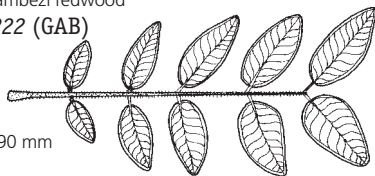
Wild teak trees

Baikiaea plurijuga Harms

mokusi, ukuthi; Rhodesian teak, Zambezi redwood

Voucher: Serondela, Yalala 222 (GAB)

N



actual size: 190 mm



Bauhinia L.

Bauhinia bushes

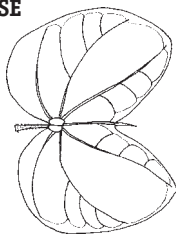
Bauhinia petersiana Bolle subsp. *macrantha*

(Oliv.) Brummitt & J.H.Ross

N, SW, SE

dikgose, mochancha, mochope, mogose, mogotswe, mohuthi, mokoshi, mopondopondo, motaloga, motlhwa-o-jewa, motshentshe, motsope, motwakidja, mugutswe, nsekese; camel's foot, white bauhinia, wild coffee beans

Voucher: Tsodilo Hills, Campbell 86 (GAB)



actual size: 43 mm

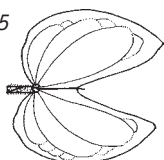


Bauhinia urbaniana Schinz

N, SE

mogotswe, mopondopondo; pink bauhinia

Voucher: Shakawe Air Strip, Miller & Biegel 2265 (GAB)



actual size: 40 mm





Hyphaene petersiana



Aloe marlothii var.
marlothii

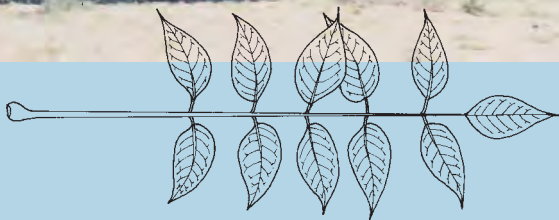


Aloe marlothii var. *marlothii*

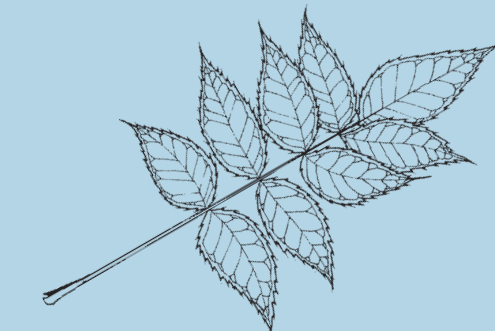
ANACARDIACEAE



Sclerocarya birrea



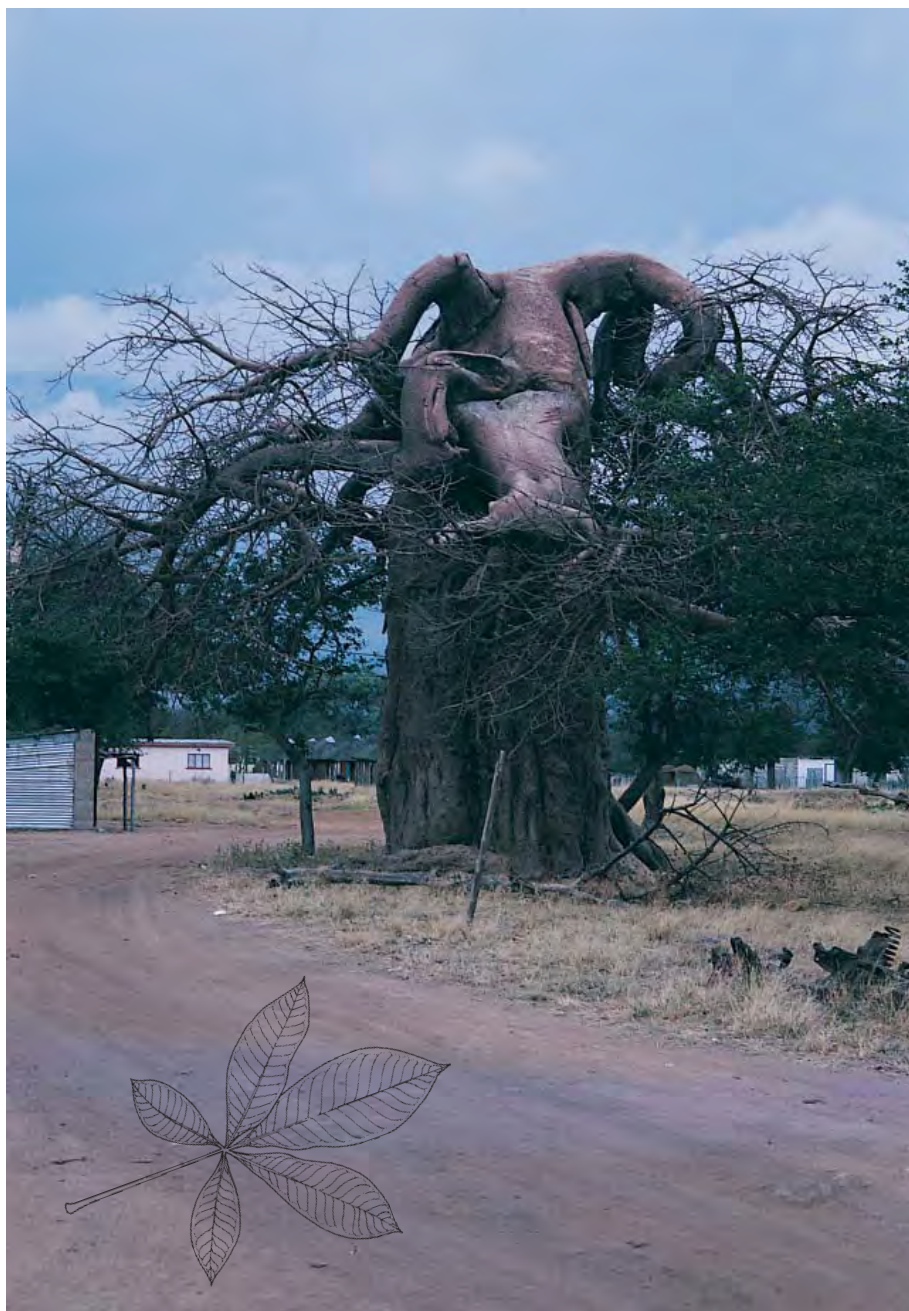
APIACEAE



Steganotaenia araliacea



Kigelia africana

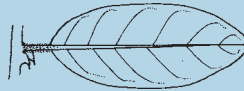


Adansonia digitata

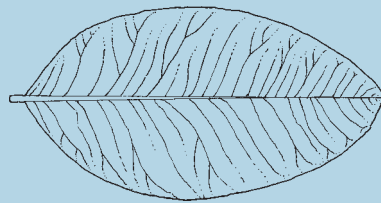
CAPPARACEAE



Capparis tomentosa



CLUSIACEAE

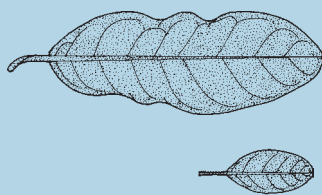


Garcinia livingstonei

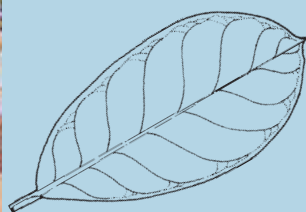


Combretum apiculatum subsp. *apiculatum* with *Aloe marlothii* var. *marlothii*

COMBRETACEAE

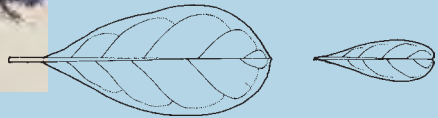


Combretum imberbe



Combretum zeyheri

COMBRETACEAE



Terminalia prunioides

EBENACEAE

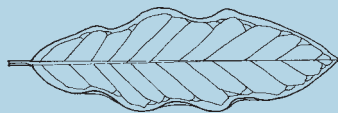


Euclea undulata subsp. *myrtina*

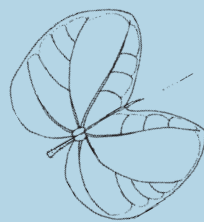
EBENACEAE



Diospyros mespiliformis



FABACEAE: CAESALPINIOIDEAE



Bauhinia petersiana subsp. *macrantha*

FABACEAE: CAESALPINIOIDEAE



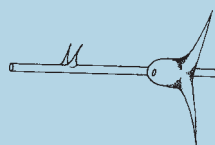
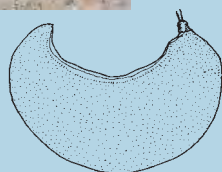
Cassia abbreviata
subsp. *beareana*



FABACEAE: MIMOSOIDEAE



FABACEAE: MIMOSOIDEAE



Acacia erioloba



Acacia erubescens – habit



FABACEAE: MIMOSOIDEAE

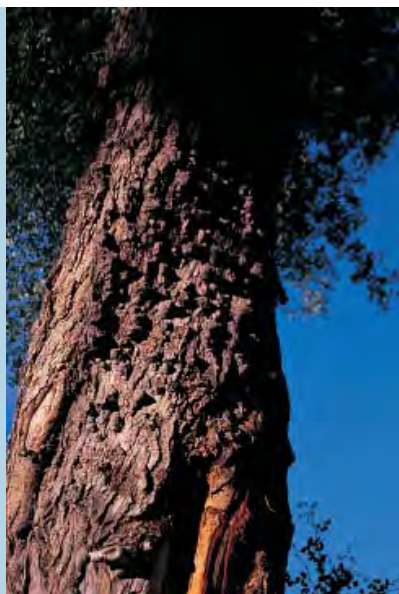


Acacia hebeclada subsp. *chobiensis*



Acacia mellifera subsp. *detinens*

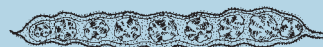




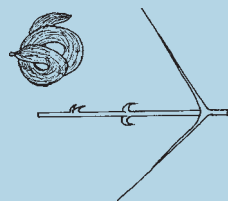
Acacia nigrescens; habit, knobs on stem



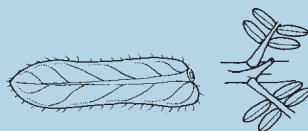
Acacia nilotica subsp. *kraussiana*



FABACEAE: MIMOSOIDEAE



Acacia tortilis



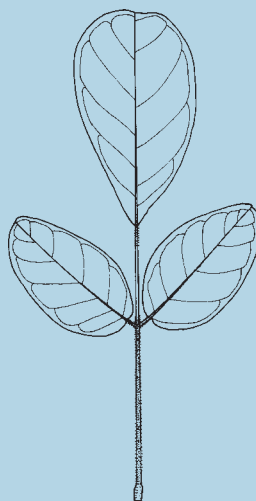
Dichrostachys cinerea

FABACEAE: MIMOSOIDEAE



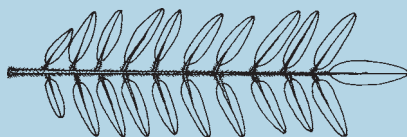
Faidherbia albida

FABACEAE: PAPILIONOIDEAE

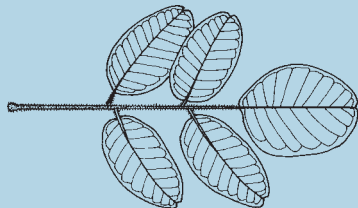
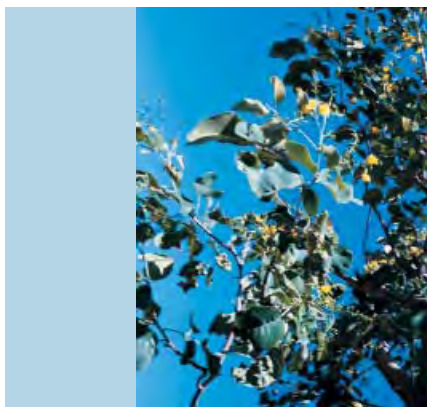


Philenoptera violacea (nearer to camera)

FABACEAE: PAPILIONOIDEAE



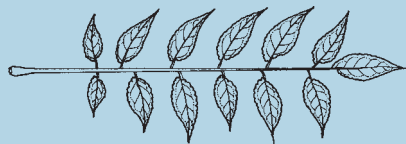
Mundulea sericea



Pterocarpus rotundifolius subsp. *rotundifolius*

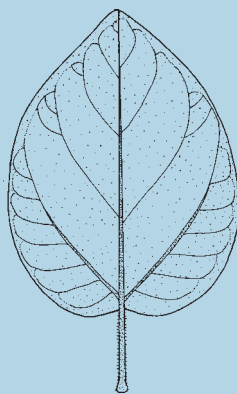


KIRKIACEAE



Kirkia acuminata

MORACEAE

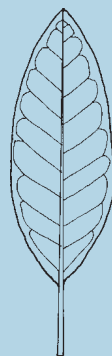


Ficus sycomorus

MORACEAE



Ficus verruculosa



OLACACEAE



Ximenia americana subsp. *americana*



STERCULIACEAE



Sterculia rogersii

TILIACEAE



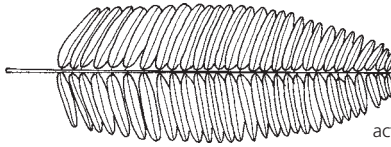
Grewia bicolor



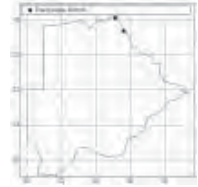
Brachystegia* Benth.*Msasa trees*****Brachystegia boehmii* Taub.**

mowombo, mufuti; Prince of Wales' feather tree

Voucher: Pandamatenga, Kalake 618/1 (GAB)

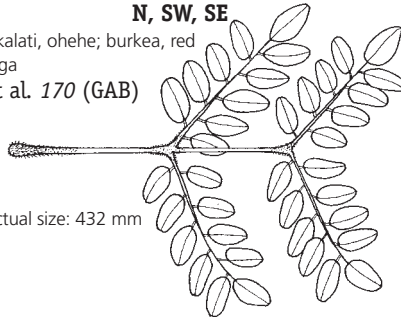
N

actual size: 206 mm

***Burkea* Benth.****Red syringa trees*****Burkea africana* Hook.**

kudumela, monato, mosheshe, nkalati, ohehe; burkea, red syringa, Rhodesian ash, wild syringa

Voucher: Gaborone, Terry et al. 170 (GAB)

N, SW, SE

actual size: 432 mm

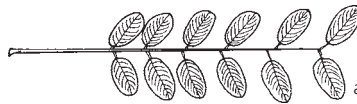
***Cassia* L. emend. Gaertn.****Pod bushes*****Cassia abbreviata* Oliv. subsp. *beareana***

(Holmes) Brenan

mokwankusha, monepenepe, ngaganyama, sifonkola; long-tail cassia, sjambok pod

Voucher: Tuli Block, Nitani

Game Reserve, Baytopp 149 (UNIN)

N, SE

actual size: 368 mm

***Colophospermum* Kirk ex J.Léonard****Mopane trees*****Colophospermum mopane* (Kirk ex Benth.)**

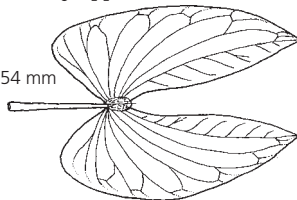
Kirk ex J.Léonard

N, SE

mophane, mpani; balsam tree, black ironwood, butterfly tree

Voucher: Tuli Block, Nitani Game Reserve, Baytopp 172 (UNIN)

actual size: 154 mm



Dialium L.

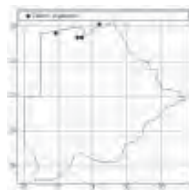
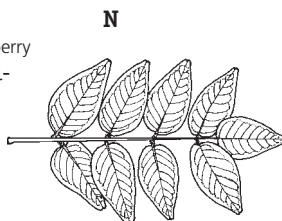
Podberry trees

Dialium englerianum Henriq.

mohamana, mohamane, usimba; Kalahari podberry

Voucher: 4.6 km east of Selinda Spillway, *Smith 2837* (GAB)

actual size: 150 mm



Erythrophleum Afzel. ex G.Don

Ordeal trees

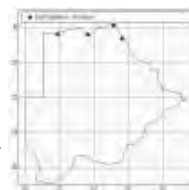
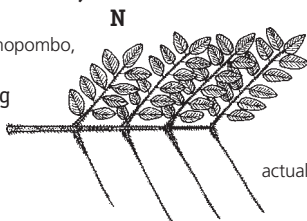
Erythrophleum africanum (Welw. ex Benth.)

Harms

mmako, mobaku, mokongochi, mokonkotsi, mopombo, ununza; ordeal tree

Voucher: 3.1 km south of Shakawe along road to Sepopa, *Smith 1346* (GAB)

actual size: 160 mm



Guibourtia Benn.

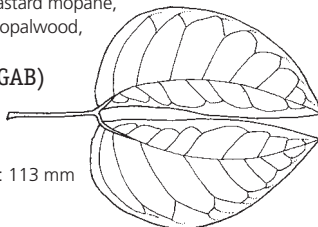
False mopane trees

Guibourtia coleosperma (Benth.) J.Léonard N

motsaodi, motsaudi, nsibi, shii, tsaudi, ushi; bastard mopane, bastard teak, large false mopane, Rhodesian copalwood, Rhodesian mahogany, Rhodesian teak

Voucher: Shishikola Pan, *Smith 325* (GAB)

actual size: 113 mm



Julbernardia Pellegr.

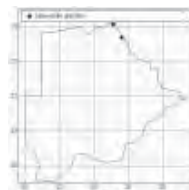
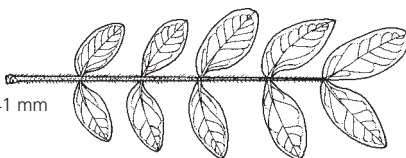
Munondo trees

Julbernardia globiflora (Benth.) Troupin N

motondo, munondo

Voucher: 192 km north of Nata, *Smith 4238* (GAB)

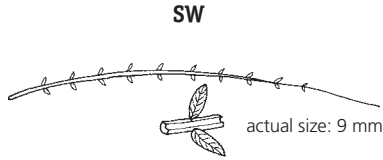
actual size: 141 mm



Parkinsonia* L.*Green-hair trees*****Parkinsonia africana* Sond.**

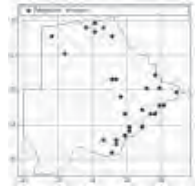
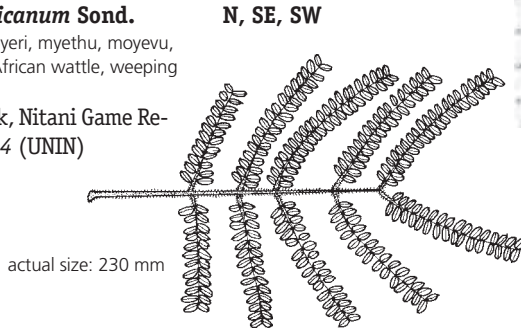
wild green-hair tree

Voucher: 10 km north of
Bokspits in Nossob River,
Timberlake 2209 (GAB)

***Peltophorum* (Vogel) Benth.****African wattle trees*****Peltophorum africanum* Sond.**

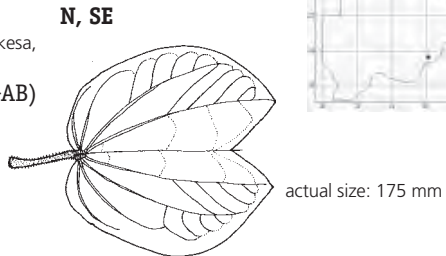
mosetlha, mosiru, moyeri, myethu, moyevu,
nzeze, setimamollo; African wattle, weeping
wattle

Voucher: Tuli Block, Nitani Game Re-
serve, Baytopp 134 (UNIN)

***Piliostigma* Hochst.****Camel's foot trees*****Piliostigma thonningii* (Schumach.) Milne-Redh.**

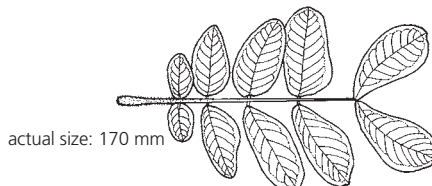
mobaba, mopapama, mosekese, motukutu, nsekese,
segagama; camel's foot, monkey bread

Voucher: Ramakgwebana, Yalala 204 (GAB)

***Schotia* Jacq.****Boer-bean trees*****Schotia brachypetala* Sond.**

tree fuchsia, weeping schotia

Voucher: Tuli Block, Nitani Game Reserve, Baytopp
171 (UNIN)



PAPILIONOIDEAE

Pea subfamily

Baphia Afzel. ex Lodd.

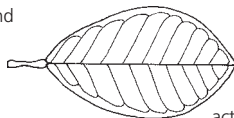
Camwood bushes

Baphia massaiensis Taub. subsp. *obovata*
(Schinz) Brumm. var. *obovata*

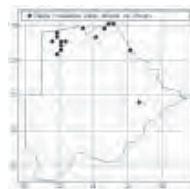
N, SE

isunde, monthe, motlhwakeja; jasmine pea, sand
camwood

Voucher: Drift above Gubatsa Hills,
Biegel, Pope & Gibbs Russell 4055
(GAB)



actual size: 60 mm



Bolusanthus Harms

Tree wisterias

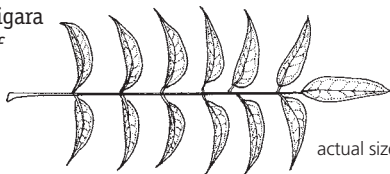
Bolusanthus speciosus (Bolus) Harms

N, SE

mosokaphala, nsungaphala; tree wisteria

Voucher: 10 miles south of Sigara

Pan, Drummond & Seagrief
5232 (GAB)



actual size: 206 mm



Dalbergia L.f.

Flat-bean trees

Dalbergia melanoxylon Guill. & Perr.

N, SE

mokelete; African blackwood, blackwood dalbergia, ebony,
Mozambique ebony, zebrawood

Voucher: Gubatsa Hills, Biegel, Pope & Gibbs
Russell 839 (GAB)



actual size: 73 mm



Erythrina L.

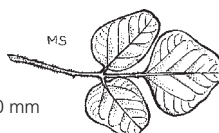
Coral trees

Erythrina abyssinica Lam.

N

northern erythrina, red-hot poker tree

Voucher: 63 km from Francistown, Smith 2928 (PRE)



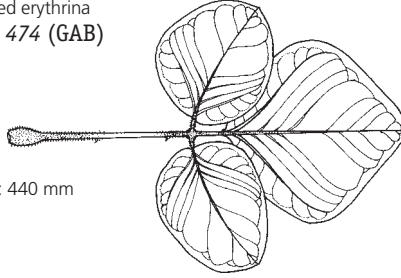
actual size: 300 mm



***Erythrina latissima* E.Mey.**

mofhupe, monabete; broad-leaved erythrina
Voucher: Kalamare, Barnes 474 (GAB)

N, SE



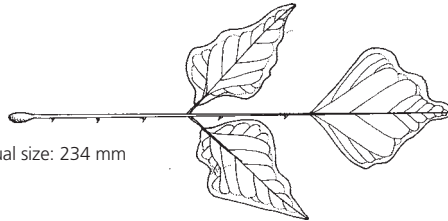
actual size: 440 mm



***Erythrina lysistemon* Hutch.**

mophethe, nlidza dumba; common coral tree, lucky-bean tree
Voucher: Peleng Hill, 1 mile south of Lobatse,
Woollard 1457 (UCBG)

SW, SE



actual size: 234 mm



***Mundulea* (DC.) Benth.**

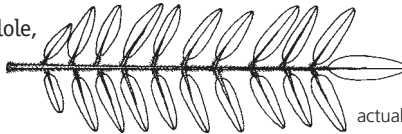
Cork bushes

***Mundulea sericea* (Willd.) A.Chev.**

maibana, mohato, mosikatse, mosita-tlou,
moswaatlou; cork bush

Voucher: Dam at Molepolole,
Hargreaves 6302 (GAB)

N, SW, SE



actual size: 105 mm



***Ormocarpum* P.Beauv.**

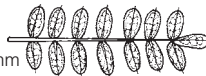
Caterpillar pod trees

***Ormocarpum trichocarpum* (Taub.) Engl.**

caterpillar bush, caterpillar pod, large caterpillar pod

Voucher: 80 km northwest of Francistown,
Drummond 8500 (SRGH)

N, SE



actual size: 54 mm



Philenoptera A.Richard

Apple-leaf trees

Philenoptera violacea (Klotzsch)

Schrire N, SW, SE

(*Lonchocarpus capassa* Rolfe)

mhata, mohata,

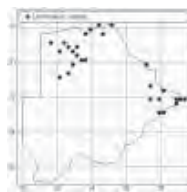
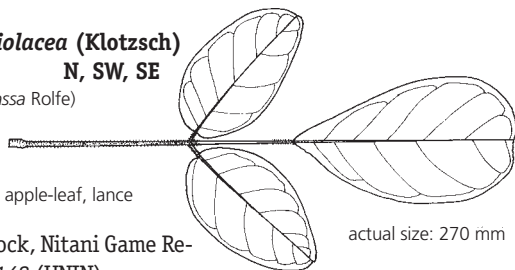
mokololo,

mopanda,

mopororo, upanda; apple-leaf, lance

tree, rain tree

Voucher: Tuli Block, Nitani Game Reserve, Baytopp 148 (UNIN)



Philenoptera nelsii (Schinz) Schrire N, SE, SW

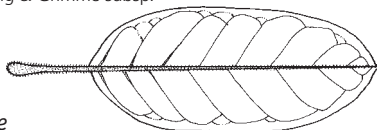
(*Lonchocarpus nelsii* (Schinz) Heering & Grimme subsp.

nelsii)

mhata, mohata, mopanda;

Kalahari apple-leaf

Voucher: West end of Ngwanalekau Hills, Long & Rae 179 (GAB)



Pterocarpus Jacq.

Wood teak trees

Pterocarpus angolensis DC.

N

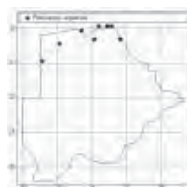
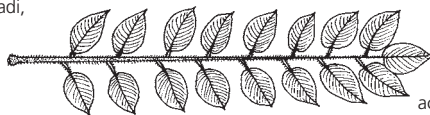
ilombe, malombe, moninga, moowa,

morotomadi, mukwa, senyamadi,

thotamadi; African teak,

bloodwood, kiaat

Voucher: Between Aha Hills and Xai Xai, Long & Rae 400 (GAB)



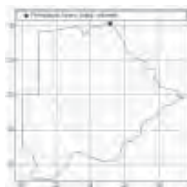
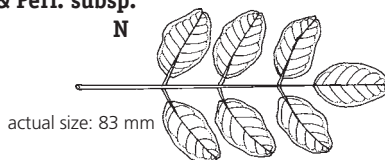
Pterocarpus lucens Guill. & Perr. subsp.

antunesii (Taub.) Rojo

N

mwanguru; small-leaved kiaat

Voucher: Kazungula, Chobe, Miller B/322 (PRE)



Pterocarpus rotundifolius (Sond.) Druce subsp.

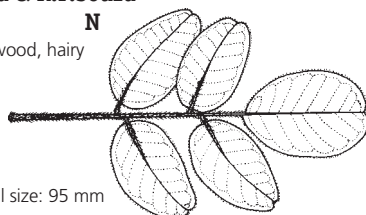
polyanthus (Harms) Mendonça & R.P.Souza

N

modianzovu; hairy round-leaved bloodwood, hairy

round-leaved kiaat

Voucher: Kasane, Venter, Archer & Hahn 377 (PRE)



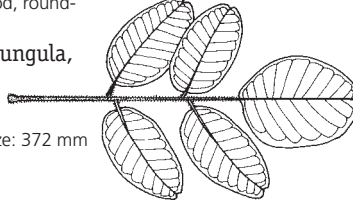
□ *Pterocarpus rotundifolius* subsp. *polyanthus*

Pterocarpus rotundifolius* (Sond.) Druce subsp. *rotundifolius N, SE

modianzovu; round-leaved bloodwood, round-leaved kiaat

Voucher: 90 km south of Kazungula, Woollard 674 (UCBG)

actual size: 372 mm



● *Pterocarpus rotundifolius* subsp. *rotundifolius*

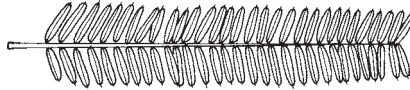
***Sesbania* Scop.**

River bean bushes

***Sesbania cinerascens* Welw. ex Baker** N

ashy river bean, grey river bean

Voucher: Among *Phragmites mauritianus* Kunth on east bank of Okavango River, Gibbs Russell 2805 (PRE)



actual size: 106 mm

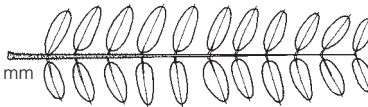


***Sesbania sesban* (L.) Merr. subsp. *sesban* var. *zambesiaca* J.B.Gillett** N

Egyptian sesban, river bean

Voucher: Chobe National Park, Mavi 1130 (SRGH)

actual size: 95 mm



● *Sesbania sesban* subsp. *sesban* var. *zambesiaca*

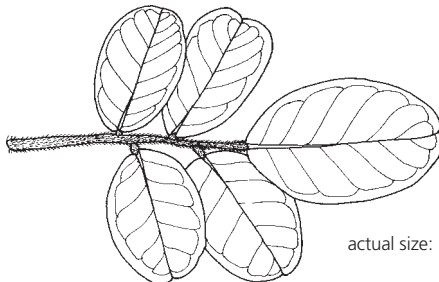
***Swartzia* Schreb.**

Snake bean trees

***Swartzia madagascariensis* Desv.** N

moshakashela; snake bean tree

Voucher: West slope of Lesomo valley, Smith 4721 (SRGH)



actual size: 115 mm



Xanthocercis Baill.

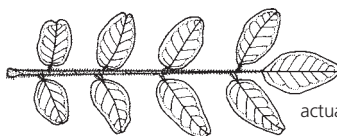
Nyala trees

Xanthocercis zambesiaca (Baker) Dumaz-le-Grand N, SE

mopako, motha; nyala tree

Voucher: Tuli Block, Nitani Game

Reserve, Baytopp 147 (UNIN)



actual size: 88 mm



Xeroderris Roberty

Wing pod trees

Xeroderris stuhlmannii (Taub.) Mendonça &

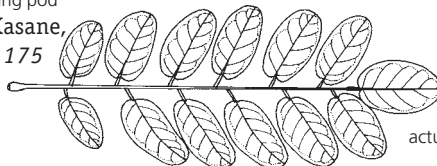
E.P.Sousa N

wing bean, wing pod

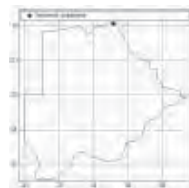
Voucher: Kasane,

Woollard 175

(UCBG)



actual size: 230 mm



FLACOURTIACEAE

Kei Apple family

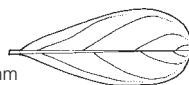
Dovyalis E.Mey. ex Arn.

Sourberry trees

Dovyalis caffra (Hook.f. & Harv.) Hook.f. SE

nhuhu; kei-apple

Voucher: Gaborone, Barnes 571 (GAB)



actual size: 48 mm



Dovyalis zeyheri (Sond.) Warb.

SE

monobe; wild apricot

Voucher: Bultfontein, Pole Evans 2475 (PRE)



actual size: 46 mm



Flacourtia Comm. ex L'Hérit.

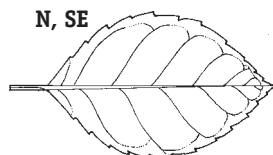
Governor's plum trees

Flacourtia indica (Burm.f.) Merr.

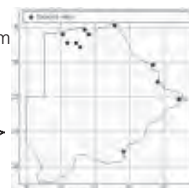
N, SE

hambia, moopakgomo, ntungulu; flacourtia plum, governor's plum, Indian plum, Madagascar plum, Rhodesian plum

Voucher: Kasane, Erens 422 (SRGH)



actual size: 70 mm



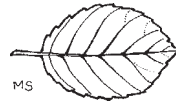
Homalium Jacq.

***Homalium dentatum* (Harv.) Warb.**

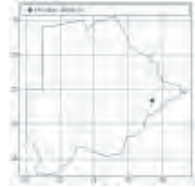
common homalium, forest homalium

Voucher: Old Palapye, Woollard 821 (UCBG)

SE



actual size: 130 mm



Oncoba Forssk.

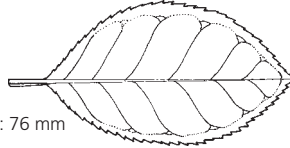
Snuffbox trees

***Oncoba spinosa* Forssk.**

fried-egg flower, snuffbox tree

Voucher: Kasane, Venter, Archer & Hahn 371 (PRE)

N



actual size: 76 mm



Scolopia Schreb.

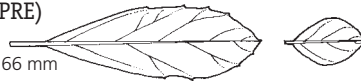
Thorn pear trees

***Scolopia zeyheri* (Nees) Harv.**

morelhetle, motlhono-wa-thaba; thorn pear

Voucher: Kanye, Miller B/338 (PRE)

N, SE



actual size: 66 mm



ICACINACEAE

White Pear family

Apodytes E.Mey. ex Arn.

White pear trees

***Apodytes dimidiata* E.Mey. ex Arn. subsp.**

dimidiata

white pear

Voucher: Tswapong Hills, north of GooTau, on plateau above Manong Gorge, Rossiter 63 (UCBG)

SW, SE

actual size: 70 mm



KIRKIACEAE

Tree-of-heaven family

Kirkia Oliv.

White syringa trees

***Kirkia acuminata* Oliv.**

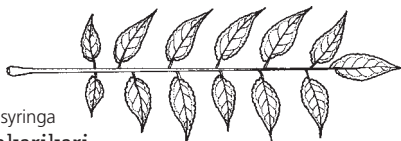
N, SE

ivomena, modumela, motsemomodumo, mozumina; white syringa

Voucher: Northeast of Makarikari

(Makgadikgadi) Pan, Pole Evans 2590 (SRGH)

actual size: 105 mm



LAMIACEAE

Mint family

Clerodendrum L.

Resin-leaf trees

***Clerodendrum glabrum* E.Mey. var. *glabrum* N, SE**

moswaapeba; resin-leaf, tinderwood, white cat's whiskers

Voucher: 25 miles south of Serowe, in Khutswe Pass
on road to Kalamare,

Woollard 116 (GAB)



Premna L.

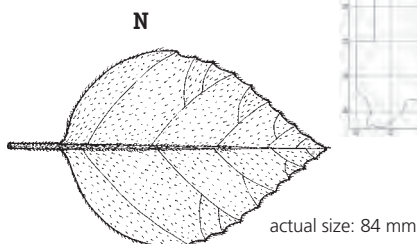
Skunk bushes

***Premna senensis* Klotzsch**

northern premna, northern skunk bush

Voucher: Chobe River, via Serondela

Forest office, Miller B/1201 (SRGH)



Rotheca Rafinesque

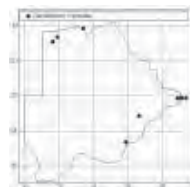
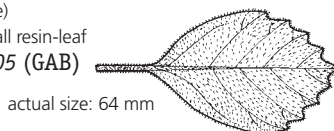
***Rotheca myricoides* (Hochst.) Vatke**

N, SE

(*Clerodendrum myricoides* (Hochst.) Vatke)

mojewa-ke-peba; blue cat's whiskers, small resin-leaf

Voucher: Kwando River, Smith 2305 (GAB)



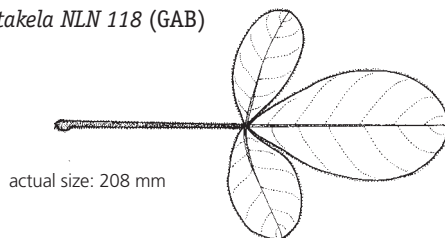
Vitex L.

***Vitex mombassae* Vatke**

N

smelly-berry vitex

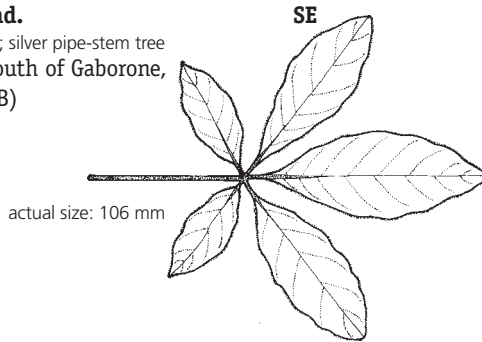
Voucher: Kasane, Mutakela NLN 118 (GAB)



***Vitex zeyheri* Sond.**

mogamashi, mokwele; silver pipe-stem tree

Voucher: 16 km south of Gaborone,
Campbell 108 (GAB)



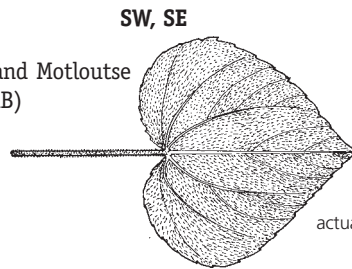
MALVACEAE
Hibiscus family

***Abutilon* Mill.**

***Abutilon pycnodon* Hochr.**

wild abutilon

Voucher: 2 km east of Sedibe and Motloutse
River confluence, *Frost 183* (GAB)



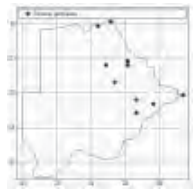
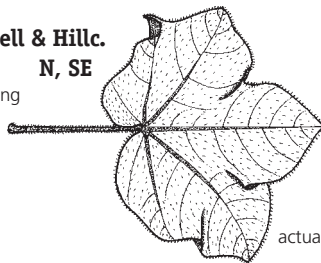
***Azanza* Alef.**

Snot apple trees

***Azanza garckeana* (F.Hoffm.) Exell & Hillc.**

moroja, morojwa, ntobgwe; azanza, chewing
gum tree, snot apple

Voucher: 13 km southeast of
Serowe, *Miller B/270* (PRE)



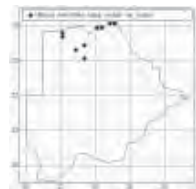
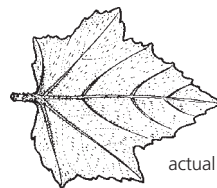
***Hibiscus* L.**

Hibiscus bushes

***Hibiscus diversifolius* Jacq. subsp. *rivularis*
(Bremek. & Oberm.) Exell**

mmabashete; hairy prickly tree hibiscus

Voucher: 13 km north of Kachikau, *Erens 366*
(SRGH)



MELIACEAE

Mahogany family

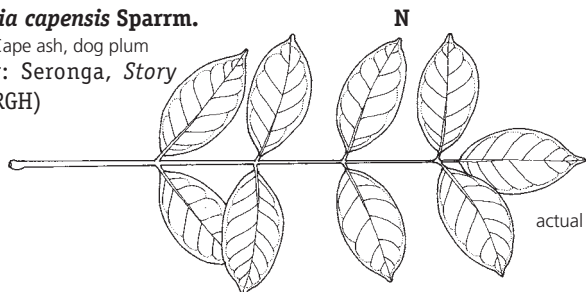
Ekebergia Sparrm.

Wood ashes

Ekebergia capensis Sparrm.

motshai; Cape ash, dog plum

Voucher: Seronga, Story
4758 (SRGH)



actual size: 306 mm



Entandrophragma C.DC.

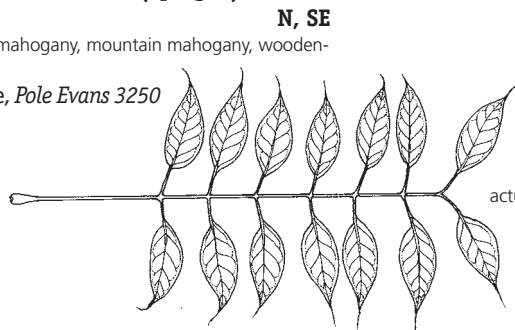
Wooden-banana trees

Entandrophragma caudatum (Sprague)

Sprague

mopumena; brown mahogany, mountain mahogany, wooden-banana

Voucher: Tsessebe, Pole Evans 3250
(PRE)



actual size: 260 mm



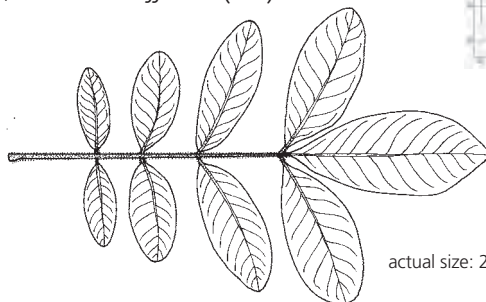
Trichilia P.Browne

Red ashes

Trichilia emetica Vahl

mosiki, mosikiri; Natal mahogany

Voucher: Kasane Rapids, Robertson & Elffers 52 (PRE)



actual size: 254 mm

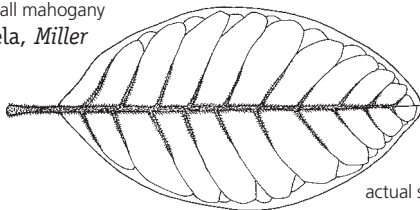


Turraea* L.*Wild honeysuckle trees*****Turraea nilotica* Kotschy & Peyr.**

bushveld honeysuckle tree, small mahogany

Voucher: Chobe, Serondela, Miller

B/1042 (GAB)

N, SE

actual size: 110 mm

***Turraea obtusifolia* Hochst.****N, SW, SE**

molemo-wa-sepeiti, molwetsemabe, motlholadilo, mperefiri, xaekamtso; lesser honeysuckle tree, small honeysuckle tree

Voucher: Kanye, Miller B/266 (PRE)

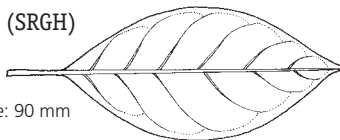


actual size: 37 mm

***Turraea zambesica* Sprague & Hutch. ex Styles & F.White****N**

motulu; Zambezi honeysuckle tree

Voucher: Serondela, Miller B/1042 (SRGH)



actual size: 90 mm



MONTINIACEAE

Clove Bush family

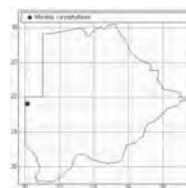
Montinia* Thunb.*Wild clove-bushes*****Montinia caryophyllacea* Thunb.****SW**

wild clove-bush

Voucher: Between Ghanzi and Gobabis, Mamuno Gate, Brown 34 (SRGH)



actual size: 46 mm



MORACEAE

Fig family

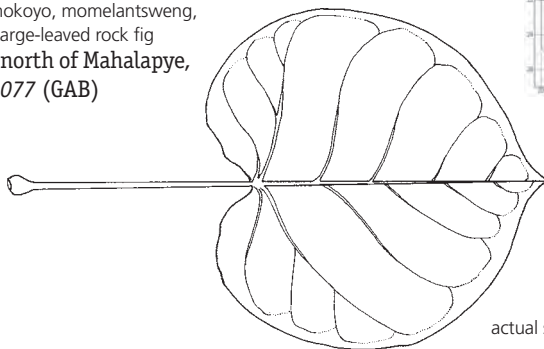
Ficus L.

Fig trees

Ficus abutilifolia (Miq.) Miq.

mhawa, mohawa, mokoyo, momelantsweng, mpawa, ntulukuse; large-leaved rock fig
 Voucher: 4 miles north of Mahalapye, Van Rensburg B4077 (GAB)

N, SE



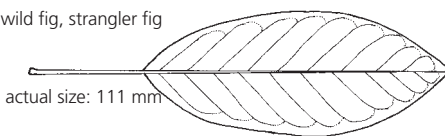
actual size: 286 mm



Ficus burkei (Miq.) Miq.

(*Ficus thonningii* Blume)
 mmumu, moumo; common wild fig, strangler fig
 Voucher: 15 km south of Maun, Long & Rae 228 (GAB)

N, SE



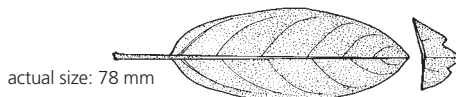
actual size: 111 mm



Ficus capreifolia Delile

rough-leaved fig, sandpaper fig
 Voucher: Moremi Game Reserve, Lent 29 (PRE)

N



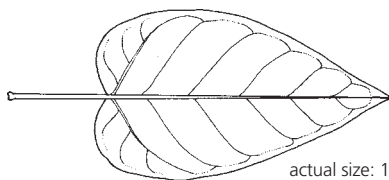
actual size: 78 mm



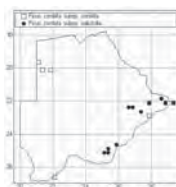
Ficus cordata Thunb. subsp. *cordata*

motlhatswa; Namaqua fig
 Voucher: Gcwihaba Hills, Cavern Hill, Long & Rae 311 (GAB)

N



actual size: 101 mm



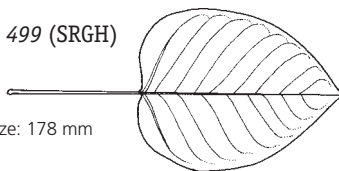
□ *Ficus cordata* subsp. *cordata*

Ficus fischeri* Warb. ex Mildbr. & Burret*N**

savanna fig

Voucher: Chambasha River, *Smith 499* (SRGH)

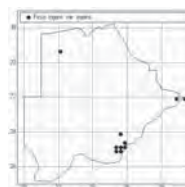
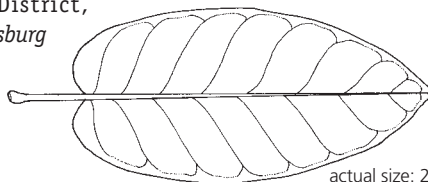
actual size: 178 mm

***Ficus ingens* (Miq.) Miq. var. *ingens*****N, SE**

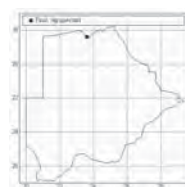
mmumu, moumo; red-leaved rock fig

Voucher: Southern District, Manyana Village, *Van Rensburg B4139b* (GAB)

actual size: 228 mm

***Ficus nigropunctata* Mildbr. & Burret****N**Voucher: Linyanti, *Miller B/1031* (SRGH)

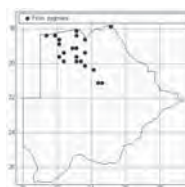
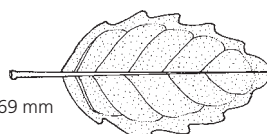
actual size: 40 mm

***Ficus pygmaea* Welw. ex Hiern****N**

motshabana; dwarf fig

Voucher: Zibadianja Lagoon, *Biegel, Pope & Gibbs Russell 4011* (SRGH)

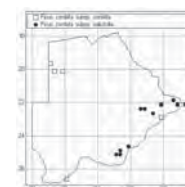
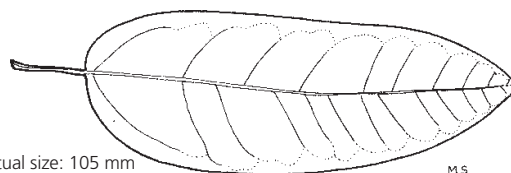
actual size: 69 mm

***Ficus salicifolia* (Vahl) C.C.Berg****SE**(*Ficus cordata* Thunb. subsp. *salicifolia* (Vahl) C.C.Berg)

motlhatswa; Namaqua fig, wonderboom fig

Voucher: 12 km east of Bobonong, *Frost 145* (GAB)

actual size: 105 mm



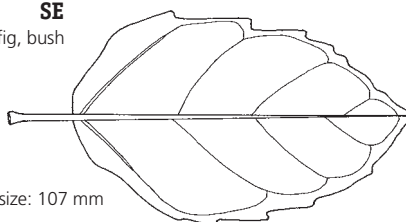
● *Ficus cordata* subsp. *salicifolia*

***Ficus sur* Forssk.**

mokoyo, mpawa; broom cluster fig, bush fig, Cape fig, firesticks, wild fig

Voucher: Palapye, Chadibe, De Beer T11 (GAB)

SE



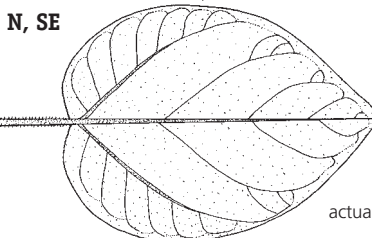
actual size: 107 mm



***Ficus sycomorus* L.**

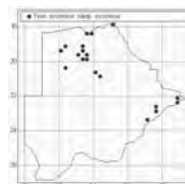
hambkutu, mochaba, motshaba, wokoyo; sycamore fig

Voucher: Thaokhe River, Erens 247 (PRE)



actual size: 104 mm

N, SE

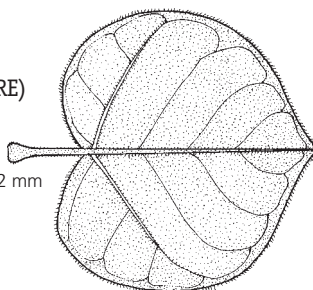


***Ficus tettensis* Hutch.**

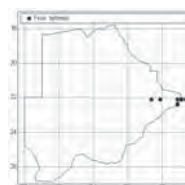
mophaphama; small-leaved rock fig

Voucher: Topisi Siding, Miller B804 (PRE)

SE



actual size: 82 mm

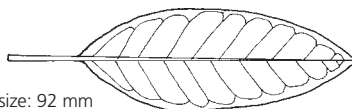


***Ficus verruculosa* Warb.**

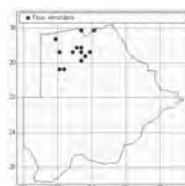
gomoti, komoti, moumo, mpanda; water fig

Voucher: Thaokhe River, Pole Evans 4048 (PRE)

N



actual size: 92 mm



MYRICACEAE
Waxberry family

***Morella* Lour.**

Waxberries

***Morella serrata* (Lam.) Killick**

lance-leaved waxberry

Voucher: Linyanti River at Shaile, Gibbs Russell 2407 (GAB)

N



actual size: 100 mm

M.S



MYRTACEAE

Eucalyptus family

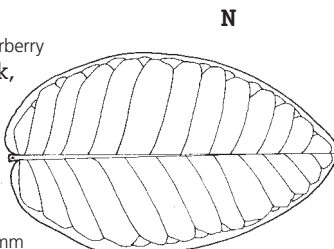
Syzygium Gaertn.

Water pear trees

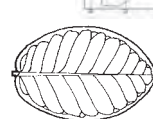
Syzygium cordatum Hochst. ex Sond. var. *cordatum*

kowa, mokwa; water pear, waterberry

Voucher: Kwando riverbank,
just downstream of Bo-
tswana/Capri boundary,
18°01'S, 23°18'E, Smith
1183 (SRGH; K)



actual size: 88 mm



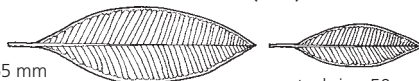
actual size: 35 mm



Syzygium guineense (Willd.) DC. subsp. *barotsense* F.White

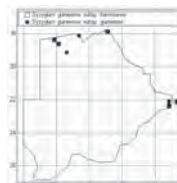
kasane, kowa, mosane, motoya; bi-coloured waterberry,
waterberry

Voucher: Kasane, Venter, Archer & Hahn 383 (PRE)



actual size: 65 mm

actual size: 50 mm

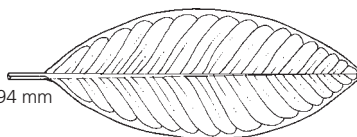


□ *Syzygium guineense* subsp. *barotsense*

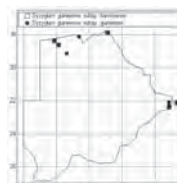
Syzygium guineense (Willd.) DC. subsp. *guineense*

kasane, mmako, mosane, motoya; woodland waterberry

Voucher: Tuli Block, Farm Uitspan 3 MS, Baytopp
132 (UNIN)



actual size: 94 mm



● *Syzygium guineense* subsp. *guineense*

OCHNACEAE

Ochna family

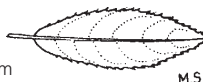
Ochna L.

Wild plane trees

Ochna cinnabarina Engl. & Gilg

monyelenyele

Voucher: Botswana–Namibia border at 1823AA, Smith
3837 (GAB)



actual size: 33 mm

M.S



***Ochna glauca* Verd.**

SE

blue-leaved ochna, blue plane

Voucher: 7 km south of Shashe River and 9 km west of Shashe-Tati confluence, *Frost 53* (GAB)

actual size: 35 mm



***Ochna inermis* (Forssk.) Schweinf.**

N, SE

monyelenyele; boat-fruit ochna, lowveld plane

Voucher: Pharing, *Hillary & Robertson 476* (PRE)

actual size: 38 mm



***Ochna pretoriensis* Phill.**

SE

monyelenyele; Magaliesberg plane

Voucher: Gaborone, *Hansen 3280* (GAB)

actual size: 36 mm



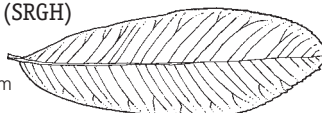
***Ochna pulchra* Hook.**

N, SW, SE

monyelenyele, motlhakolane-wa-lejwe, mozwe, muyui; mickey mouse bush, peeling-bark plane, peeling plane

Voucher: Mabeleapodi, *Story 4722* (SRGH)

actual size: 85 mm



OLACACEAE
Sourplum family

***Olax* L.**

Bastard sourplum trees

***Olax dissitiflora* Oliv.**

N, SE

moshalashala; bastard sourplum, small-fruited olax

Voucher: Ngamiland, *Erens 256* (SRGH)

actual size: 68 mm

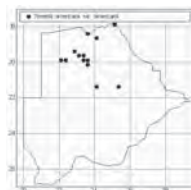
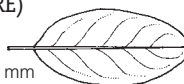


Ximenia L.**Sourplum bushes*****Ximenia americana* L. var. *americana* N, SW, SE**

chibitswa, moretologana, moretologa-wa-pudi, moretonoga, moretonoha, motsididi, nswanja-bakhwa, seretologa; blue sourplum, small sourplum

Voucher: Orapa, Kautse Hill, BPP175, Allen 383 (PRE)

actual size: 48 mm

***Ximenia americana* L. var. *microphylla* Welw. ex Oliv. N, SW, SE**

chibitswa, moretologana, moretologa-wa-pudi, moretonoga, moretonoha, motsididi, nswanja-bakhwa, seretologa; blue sourplum, small sourplum

Voucher: Ghanzi, Story 5061 (PRE)

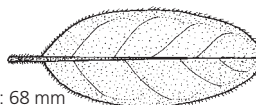
actual size: 34 mm

***Ximenia caffra* Sond. var. *caffra* N, SW, SE**

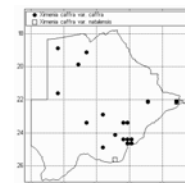
moretologa, moretologa-wa-kgomo, moretonoga, morokolo, motsidi, mwombe, nswanja-ngombe; large sourplum, monkey plum

Voucher: Western Lephepe, De Beer 554 (SRGH)

actual size: 68 mm



● *Ximenia caffra* subsp. *caffra*



OLEACEAE

Olive family

Olea L.**Olive trees*****Olea europaea* L. subsp. *africana* (Mill.)**

P.S.Green

N, SE

mokgware, motlhware; wild olive

Voucher: 31 km west-northwest of Lobatse, Leach & Noel 183 (SRGH)

actual size: 65 mm



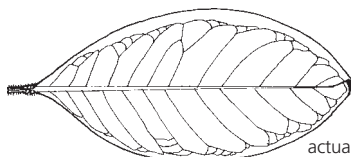
actual size: 15 mm

**Schrebera Roxb.****Wild jasmine bushes*****Schrebera trichoclada* Welw.**

wooden-pear

Voucher: Kasane, Mutakela 1/66/8 (SRGH)

N



actual size: 93 mm



PEDALIACEAE

Sesame family

Sesamothamnus Welw.

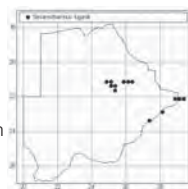
Sesame bushes

Sesamothamnus lugardii N.E.Br. ex Stapf N, SE

moboana, motono, seboaboana, siboana, thobega; sesame bush, Transvaal sesame bush

Voucher: Between Lake Xau and Tsokotse Pan, Wild & Drummond 7239 (SRGH)

actual size: 35 mm



POLYGALACEAE

Milkwort family

Securidaca L.

Violet trees

Securidaca longepedunculata Fresen. N, SW, SE

bogokgwe, magolela, mmaba, mofufu; violet tree

Voucher: Molepolole, J.E. Barnes 385 (GAB)

actual size: 43 mm



PROTEACEAE

Protea family

Faurea Harv.

African beechwoods

Faurea saligna Harv.

SE

mofufu, mokwele, monyena; beechwood, Transvaal beech

Voucher: Valley close to Mannyanong Hill, 20 miles south of Gaborone, Mott 625 (GAB)

actual size: 212 mm



Protea L.

Sugarbushes

Protea gaguedi J.F.Gmel.

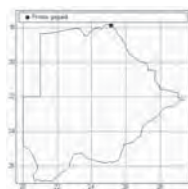
N

African protea

Voucher: Kazungu Forest, Yalala 209 (GAB)



actual size: 100 mm



PTAEROXYLACEAE

Sneezewood family

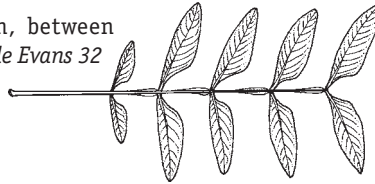
Ptaeroxylon Eckl. & Zeyh.

Sneezewood trees

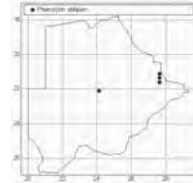
Ptaeroxylon obliquum (Thunb.) Radlk. N, SE

tati; sneezewood

Voucher: Tati Concession, between
Sebina and Kalakamati, *Pole Evans 32*
(PRE)



actual size: 95 mm



RHAMNACEAE

Dogwood family

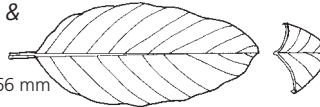
Berchemia Neck. ex DC.

Ivorywood trees

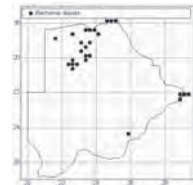
Berchemia discolor (Klotzsch) Hemsl. N, SE

inzi, motsintsila, mozinila, mutsintsila; bird plum

Voucher: Serondela, *Robertson & Elffers 57* (PRE)



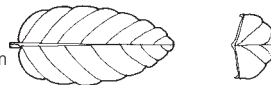
actual size: 66 mm



Berchemia zeyheri (Sond.) Grubov SE

monyee, moye; red ivory

Voucher: Otse, *Miller B/232* (PRE)



actual size: 44 mm

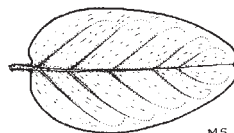


Helinus E.Mey. ex Endl.

Helinus integrifolius (Lam.) Kuntze N, SW, SE

lehetu

Voucher: Tsodilo Hills, *Woollard 1539* (UCBG)



M.S

actual size: 51 mm



Ziziphus Mill.

Buffalo thorn trees

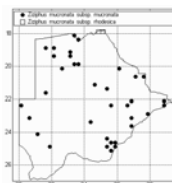
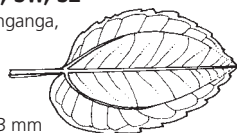
Ziziphus mucronata Willd. subsp. *mucronata*

N, SW, SE

mabyana-a-mala-a-tupa, moketekete, mokgalo, monganga, nchecheni; buffalo thorn, shiny leaf, wait-a-bit

Voucher: Molepolole, Story 4873 (PRE)

actual size: 63 mm



● *Ziziphus mucronata* subsp. *mucronata*

Ziziphus mucronata Willd. subsp. *rhodesica*

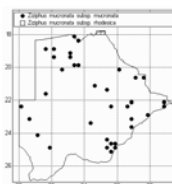
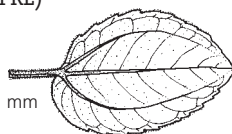
R.B.Drumm.

N

jujube, mokgalo; woolly buffalo thorn

Voucher: Kasane, Chobe River, Erens 387 (PRE)

actual size: 61 mm



□ *Ziziphus mucronata* subsp. *rhodesica*

RUBIACEAE

Gardenia family

Canthium Lam.

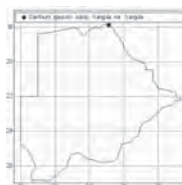
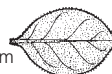
Rock alder bushes

Canthium glaucum subsp. *frangula* S.Moore N

pink-fruited canthium, pink-fruited rock alder

Voucher: Serondela, Chobe District, Miller B/1126 (PRE)

actual size: 29 mm

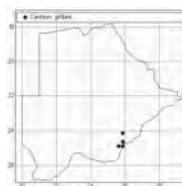
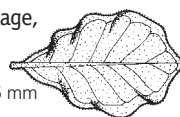


Canthium gilfillanii (N.E.Br.) O.B.Mill. SE

monyonyane; velvet rock alder

Voucher: 2 miles northwest of Lentsweletau Village, Woollard 752 (UCBG)

actual size: 46 mm

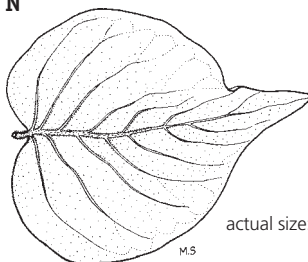


Canthium pseudorandii Bridson N

(*Canthium burttii* Bullock)

mottled-bark canthium, mottled-bark rock alder

Voucher: At base of rocky granite kopje about 63km from Francistown near Maun Road, Smith 2932 (PRE)



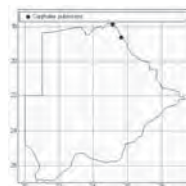
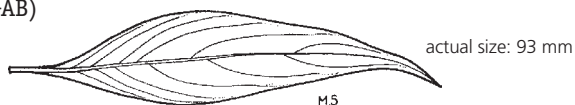
actual size: 82 mm



Carphalea* Juss.**Carphalea pubescens* (Klotzsch) Verdc. N**

cups and saucers

Voucher: Lesoma Village, near Kasane, Kalake 112/2 (GAB)

***Catunaregam* Wolf****Bone-apple bushes*****Catunaregam spinosa* (Thunb.) Tirveng. subsp. *spinosa* N, SE**

thorny bone-apple

Voucher: Kazungula, Baikiaea Forest, Miller B/384 (PRE)

Note: Bridson points out that this name refers to an Asian, not an African, species. She refers to the African species as '*Catunaregam* sp. A' as it has not been given a specific epithet yet.

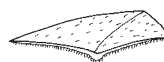
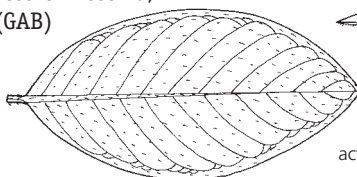


actual size: 34 mm

***Crossopteryx* Fenzl****Crystal-bark trees*****Crossopteryx febrifuga* (Afzel. ex G.Don) Benth. N**

crystal-bark

Voucher: Southwest of Lesoma, Hargreaves 6524 (GAB)



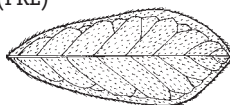
actual size: 95 mm

***Feretia* Delile*****Feretia aeruginescens* Stapf N**

feretia

Voucher: Kasane, Venter, Archer & Hahn 375 (PRE)

actual size: 60 mm



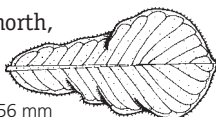
Gardenia J.Ellis

Gardenia bushes

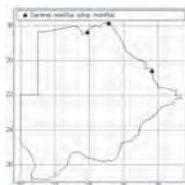
Gardenia resiniflua Hiern subsp. *resiniflua* N

gummy gardenia

Voucher: 5 miles north of Tsessebe on road north,
Woollard 1343 (UCBG)



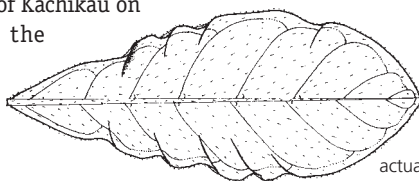
actual size: 56 mm



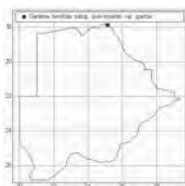
Gardenia ternifolia Schum. & Thonn. subsp. *jovis-tonantis* (Welw.) Verdc. var. *goetzei* (Stapf & Hutch.) Verdc. N

morala; large-leaved common gardenia

Voucher: 36 miles north of Kachikau on
road to Kasane along the
Chobe River, *Erens* 389
(PRE)



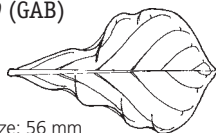
actual size: 110 mm



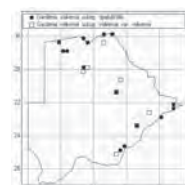
Gardenia volkensii K.Schum. subsp. *spatulifolia* (Stapf & Hutch.) Verdc. N, SE

kabunga, monyapula, morala, moravi, sulu; common
gardenia, savanna gardenia, Transvaal gardenia

Voucher: Near Gaborone Dam, *Barnes* 240 (GAB)



actual size: 56 mm



● *Gardenia volkensii* subsp.
spatulifolia

Gardenia volkensii K.Schum. subsp. *volkensii* var. *volkensii* N, SE

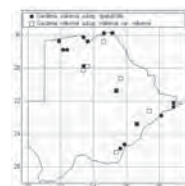
monyapula, morala, nnala; savanna gardenia, Transvaal
gardenia

Voucher: By road going north from Moremi, Tswapong
Hills, *Woollard* 1787 (UCBG)



MS

actual size: 30 mm

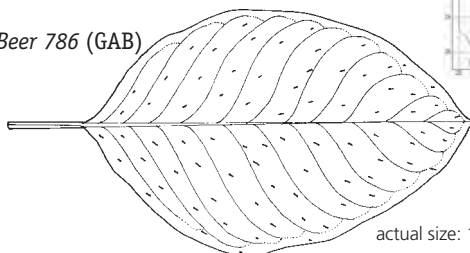


□ *Gardenia volkensii* subsp.
volkensii var. *volkensii*

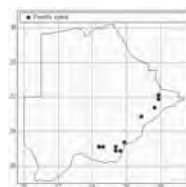
Pavetta* L.*Bride's bushes*****Pavetta eylesii* S.Moore****SE**

gaijiwe, mmawa, moradintane; broad-leaved bride's bush, flaky-bark pavetta

Voucher: Mahalapye, De Beer 786 (GAB)

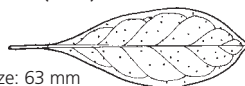


actual size: 123 mm

***Pavetta gardeniifolia* A.Rich. var. *gardeniifolia*****N, SE**

legonyana, legonyane, mmawa, mmilorotswane; common bride's bush, common pavetta

Voucher: Banks of Sibuyu River, Smith 4292 (GAB)

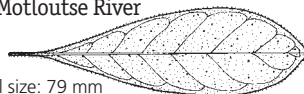


actual size: 63 mm

□ *Pavetta gardeniifolia* var. *gardeniifolia****Pavetta gardeniifolia* A.Rich. var. *subtomentosa* K.Schum.****N, SE**

legonyana, legonyane, mmawa, mmilorotswane; common pavetta, hairy common bride's bush

Voucher: 2 km east of the Sedibe and Motloutse River confluence, Frost 234 (GAB)

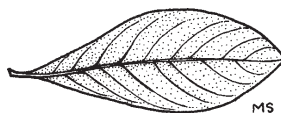


actual size: 79 mm

● *Pavetta gardeniifolia* var. *subtomentosa****Pavetta harborii* S.Moore****N, SE**

legonyana, legonyane; pavetta

Voucher: On road 25 miles southwest of Shoshong, Woollard 919 (UCBG)



actual size: 57 mm

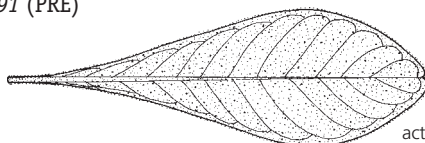


***Pavetta schumanniana* F.Hoffm. ex K.Schum.**

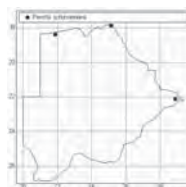
N, SE

legonyana, legonyane, mmawa; poison bride's bush, poison pavetta

Voucher: Common on sand banks in Mohembo-Shakawe area, *Smith 2691* (PRE)



actual size: 113 mm



***Pavetta zeyheri* Sond.**

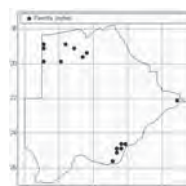
N, SE

mathaole, matialule, mathaolole, tshitabanna; small-leaved bride's bush

Voucher: St. Joseph's College, south of Gaborone, *Hansen 3122* (GAB)



actual size: 58 mm



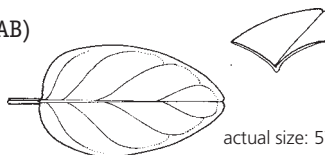
***Plectroniella* Robyns**

Bastard turkey-berries

***Plectroniella armata* (K.Schum.) Robyns** **N, SE**

moopakgomo; bastard turkey-berry

Voucher: Moremi, *De Beer T15* (GAB)



actual size: 57 mm



***Psychotria* L.**

***Psychotria zombamontana* (Kuntze) E.M.A.Petit**

SE

mountain psychotria, rib-fruited psychotria

Voucher: Polokwe Hills, 9 miles northwest of Kanye, *Woollard 487* (UCBG)



actual size: 35 mm



***Psydrax* Gaertn.**

Quar bushes

***Psydrax livida* (Hiern) Bridson**

N, SW, SE

modumelantswe, monyonyane; bushveld psydrax, bushveld quar, common psydrax

Voucher: Gaborone Dam, *Hansen 3504* (GAB)



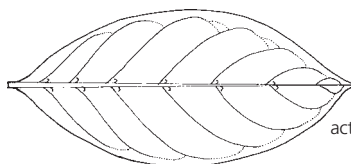
actual size: 47 mm



Rothmannia* Thunb.*Wild gardenia trees*****Rothmannia capensis* Thunb.**

morutla; common rothmannia, wild gardenia

Voucher: Kanye, Woollard 1122 (UCBG)

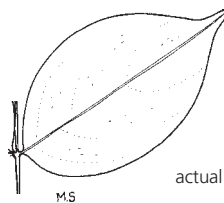
SE

actual size: 90 mm

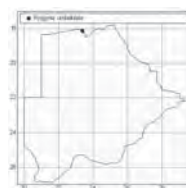
***Rytigynia* Blume*****Rytigynia umbellulata* (Hiern) Robyns****N**

Voucher: Kwando River, main stream, Hansen 2306

(GAB)



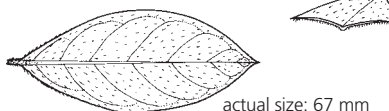
actual size: 70 mm

***Tarenna* Gaertn.****Bastard bride's bushes*****Tarenna luteola* (Stapf) Bremek.****N**

velvet-leaved bastard bride's bush, velvet-leaved tarenna

Voucher: Mukusi Forest, Kazungula, fl. xi.1935, Miller

B88 (K)



actual size: 67 mm

***Tricalysia* A.Rich. ex DC.****Bastard coffee bushes*****Tricalysia junodii* (Schinz) Brenan var. *junodii*****SE**

Voucher: Tuli, Breitenbach s.n. (PRE)



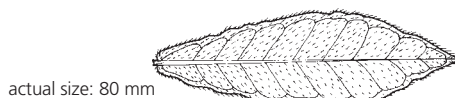
actual size: 80 mm

□ *Tricalysia junodii* var. *junodii*

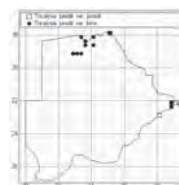
***Tricalysia junodii* (Schinz) Brennan var. *kirkii* (Hook.f.) Robbr.** N, SE

smooth-bark bastard coffee bush

Voucher: Kasane, Venter, Archer & Hahn 381 (PRE)



actual size: 80 mm



● *Tricalysia junodii* var. *kirkii*

***Vangueria* Comm. ex Juss.**

Wild medlars

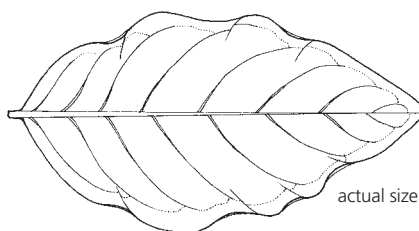
Vangueria cyanescens

Robyns N

Voucher: Ngamiland,

1930–31, Curson 739

(PRE)



actual size: 110 mm



Vangueria infausta* Burch. subsp. *infausta

N, SW, SE

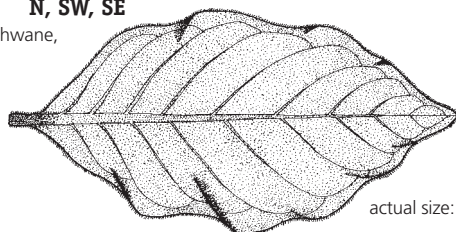
mmilo, monyonyana, mothwane,

nzwigwa; wild medlar

Voucher: Tuli Block,

Nitani Game Reserve,

Baytopp 223 (UNIN)



actual size: 107 mm



***Vangueria parvifolia* Sond.**

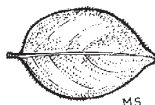
SE

(*Tapiphyllum parvifolium* (Sond.) Robyns)

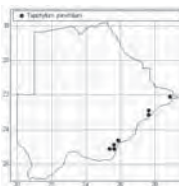
mmilorotsane, mmilorotswane, monyonyana; mountain

medlar, small velvet leaf

Voucher: Foot of Otse Mountain, Hansen 3501 (GAB)



actual size: 30 mm



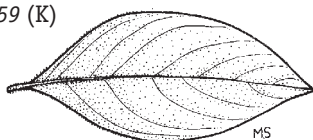
***Vangueria proschii* Briq.**

N

(*Vangueria lasiocladus* K.Schum.)

Voucher: Khwebe (Kwebe) Hills, fl. 18.xii.1897, Mrs

E.J. Lugard 59 (K)



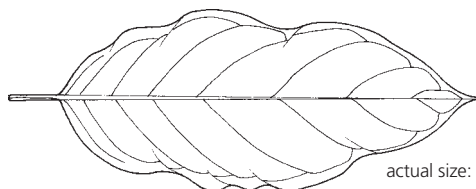
actual size: 63 mm



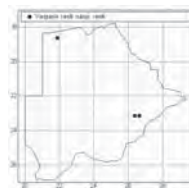
Vangueria randii* S.Moore subsp. *randii N, SE

ant-heap wild medlar

Voucher: Tsodilo Hills, Long & Rae 639 (GAB)



actual size: 125 mm

***Vangueriopsis Robyns***

False wild medlar trees

Vangueriopsis lanciflora* (Hiern) Robyns ex*Good**

false wild medlar

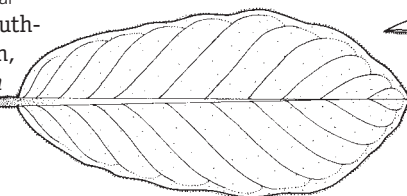
Voucher: South-

west of Maun,

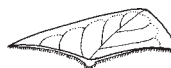
Robertson

748 (GAB)

N



actual size: 110 mm

**RUTACEAE**

Citrus family

***Citropsis* (Engl.) Swingle & M.Kellerm.**

Wild citrus bushes

***Citropsis daweani* Swingle & M.Kellerm.**

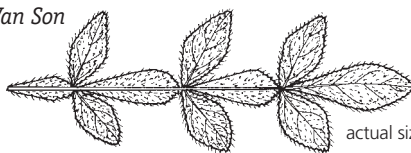
N

wild citrus

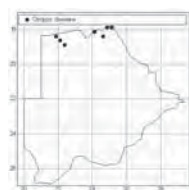
Voucher: Kabulabula, Van Son

s.n. sub TM 28984

(PRE)



actual size: 118 mm

***Teclea Delile******Teclea rogersii* Mendonça**

SE

Voucher: Moeng College, on a steep rocky slope,

Woollard 419 (UCBG)



M.S

actual size: 30 mm



***Vepris* Comm. ex A.Juss.**

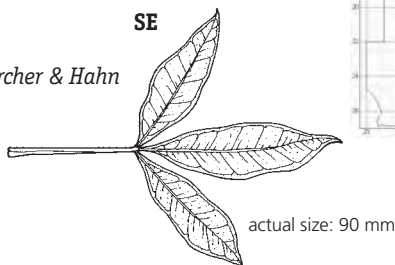
White ironwood trees

***Vepris reflexa* I. Verd.**

bastard white ironwood, woodland vepris

Voucher: Tswapong Hills, Venter, Archer & Hahn

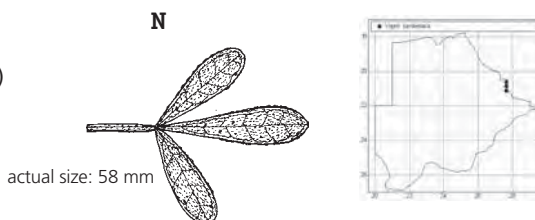
s.n. (PRE)



***Vepris zambesiaca* S.Moore**

rare woodland vepris

Voucher: Tati, Miller B/1147 (PRE)



SALICACEAE

Willow family

***Salix* L.**

Willow trees

***Salix mucronata* Thunb. subsp. *mucronata* N, SE**

Cape willow, river willow, safsaf willow, wild willow

Voucher: Kasane Rapids, Robertson & Elffers 51 (PRE)

actual size: 93 mm



SALVADORACEAE

Mustard family

***Salvadora* Garcin ex L.**

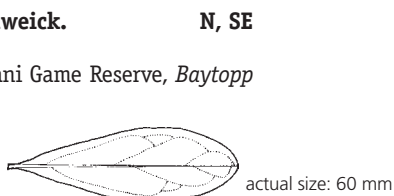
Mustard trees

***Salvadora australis* Schweick.**

mustard tree

Voucher: Tuli Block, Nitani Game Reserve, Baytopp

138 (UNIN)



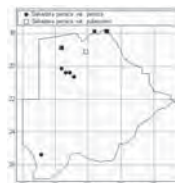
Salvadora persica* L. var. *persica

mustard tree, toothbrush

Voucher: Near Sehithwa Store, *Erens 236* (K)

N

actual size: 62 mm

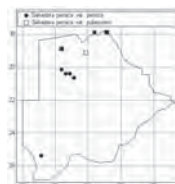
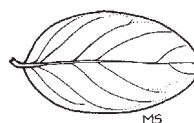
● *Salvadora persica* var. *persica****Salvadora persica* L. var. *pubescens* Brenan**

velvet mustard tree

Voucher: Khwai River, *Smith 163* (K)

N

actual size: 43 mm

□ *Salvadora persica* var. *pubescens*

SANTALACEAE

Sandalwood family

Osyris* L.*Sumach bushes*****Osyris lanceolata* Hochst. & Steud.**

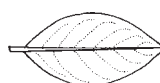
N, SE

kwaipi, manope, morogabaloi, seswagadi, setlhare-sa-baloi;

Transvaal sumach

Voucher: 10 km west of Lobatse, *Hansen 3210* (GAB)

actual size: 42 mm



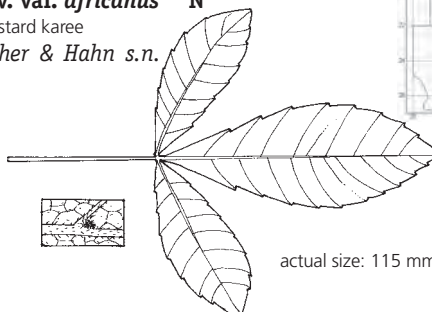
SAPINDACEAE

Litchi family

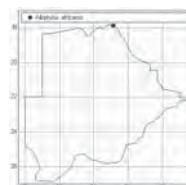
Allophylus* L.*Bastard karee trees*****Allophylus africanus* P.Beauv. var. *africanus***

N

modo; African allophylus, African bastard karee

Voucher: Kasane, *Venter, Archer & Hahn s.n.* (PRE)

actual size: 115 mm



***Erythrophysa* E.Mey. ex Arn.**

Red balloon bushes

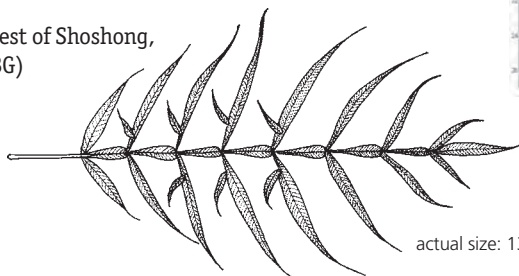
® *Erythrophysa transvaalensis* I.Verd.

SE

Transvaal red balloon

Voucher: 2 miles west of Shoshong,

Woollard 831 (UCBG)



actual size: 136 mm



***Pappea* Eckl. & Zeyh.**

Jacket plum trees

Pappea capensis Eckl. & Zeyh.

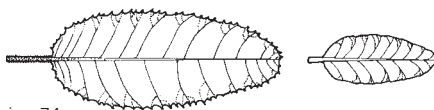
N, SE

molalagaka, mopanyobojalwa, mopenoene, mopenwaeng, mothata, ntorido; indaba tree, jacket plum, wild cherry

Voucher: Tsessebe,

Leach & Noel 8

(SRGH)



actual size: 74 mm



SAPOTACEAE

Milkwood family

***Englerophytum* K.Krause**

Milkplum trees

Englerophytum magalismontanum (Sond.)

T.D.Penn.

SE

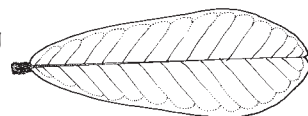
motlhatswa; red milkwood, stemfruit, Transvaal milkplum, wild plum

Voucher: Mannyelanong

Hill, 32 km southwest of

Gaborone, Mott 385

(SRGH)



actual size: 80 mm



***Manilkara* Adans.**

Milkberry trees

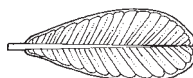
Manilkara mochisia (Baker) Dubard

N

lowveld milkberry

Voucher: 17 km southwest of Hyena Camp, Pope,

Biegel & Gibbs Russell 878 (SRGH)

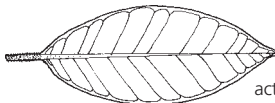


actual size: 50 mm

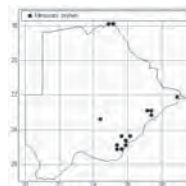


Mimusops L.**Red milkwood trees*****Mimusops zeyheri* Sond.****N, SE**

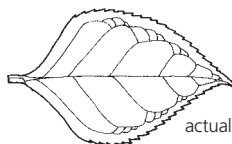
mmopudu, mmupudu, mobu, mosamtuza, mupudu; common red milkwood, Transvaal red milkwood

Voucher: Otse Mountain, 20 miles southeast of Gaborone, *Woollard 3* (SRGH)

actual size: 73 mm

**SCROPHULARIACEAE****Snapdragon family****Halleria L.****Tree fuchsia bushes*****Halleria lucida* L.****SE**

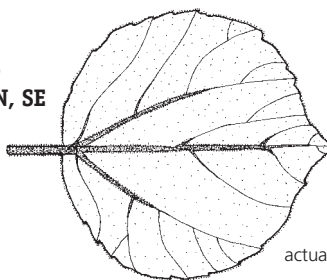
tree fuchsia, white olive, wild fuchsia tree

Voucher: Pharing Gorge, Kanye, *Miller B/275* (PRE)

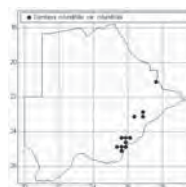
actual size: 63 mm

**STERCULIACEAE****Cacao family****Dombeya Cav.****Wild pear trees*****Dombeya rotundifolia* (Hochst.)****Planch. var. rotundifolia****N, SE**

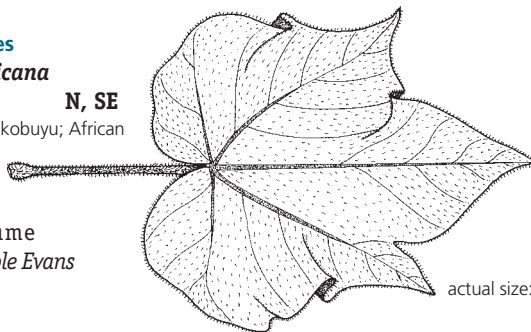
molobare, mophuphuntswane, morekapele, motubane; wild pear

Voucher: Mochudi, *Harbor s.n.* (SRGH)

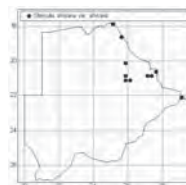
actual size: 86 mm

**Sterculia L.****Star-chestnut trees*****Sterculia africana*****(Lour.) Fiori****N, SE**

mokakata, mokokobuyu; African star-chestnut, tick tree

Voucher: Between Tutume and Sebina, *Pole Evans 2607* (SRGH)

actual size: 140 mm



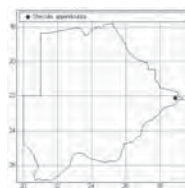
***Sterculia appendiculata* K.Schum.**

SE

mokakata

Voucher: Tsetsebjwe lands, *Kalake 94* (UCBG)

actual size: 30 mm



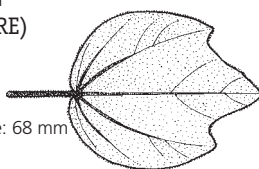
***Sterculia rogersii* N.E.Br.**

SE

mokakata; common star-chestnut squat sterculia

Voucher: Topisi Siding, *Miller B/803* (PRE)

actual size: 68 mm



STRYCHNACEAE

Monkey Orange family

***Strychnos* L.**

Monkey orange trees

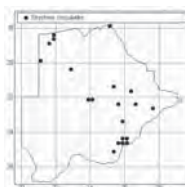
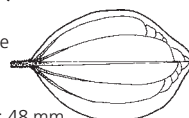
***Strychnos cocculoides* Baker**

N, SE

mogorogoro, mogorogorwana, mogorogorwane, mohoruhoru, moruda, nhume; corky-bark monkey orange

Voucher: Ngamiland, *Curson 3311* (PRE)

actual size: 48 mm



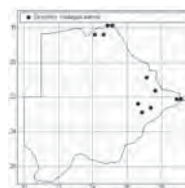
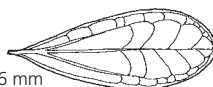
***Strychnos madagascariensis* Poir.**

N, SE

mogwagwa, nkwakwa; black monkey orange, spineless monkey orange

Voucher: Chobe River, *Van Son s.n.* (PRE)

actual size: 56 mm



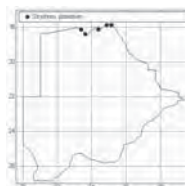
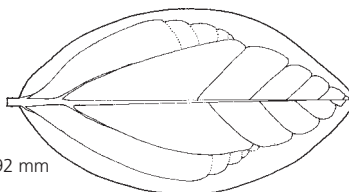
***Strychnos potatorum* L.f.**

N

morumbarunde; grape strychnos

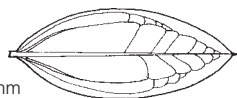
Voucher: Serondela, *Robertson & Elffers 58* (SRGH)

actual size: 92 mm



Strychnos pungens* Soler.*N, SE**

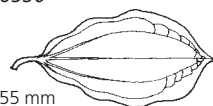
mogwagwa, motu, mutu, ntamba, witu; spine-leaved monkey orange

Voucher: Ngamiland, *Miller B/420* (PRE)

actual size: 62 mm

***Strychnos spinosa* Lam.****N, SE**

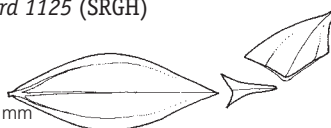
maume, mogorogoro, mogororo, moyimbili; elephant orange, green monkey orange, monkey ball, spiny monkey orange

Voucher: Southwest of Leshoma, *Hargreaves 6530* (GAB)

actual size: 55 mm

***Strychnos usambarensis* Gilg****SE**

motla-o-budule; stripe-fruited strychnos

Voucher: Near Gaborone, *Woollard 1125* (SRGH)

actual size: 56 mm



TILIACEAE

Jute family

Grewia* L.*Raisin bushes*****Grewia avellana* Hiern****N, SW, SE**

marago-a-bahumagadi, marago-a-barwa, mondu

Voucher: Xade Pan, Ghanzi District, *Thompson s.n.* (UCBG)

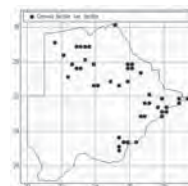
actual size: 53 mm

***Grewia bicolor* Juss.****N, SW, SE**

kukuruthwe, mambalane, mogwana, monabo, motuu, ntewa; bastard brandybush, false brandybush

Voucher: Gaborone, *Codd 8903* (SRGH)

actual size: 40 mm



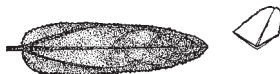
***Grewia flava* DC.**

N, SW, SE

maphokwe, monabo, moreswe, moretlwa, moseme, ntewa, phomphokwe; brandybush, raisin tree, velvet raisin, wild currant, wild plum

Voucher: Francistown, *Rogers 607* (SRGH)

actual size: 54 mm

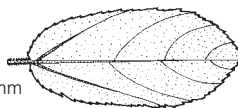


***Grewia flavescens* Juss. var. *flavescens* N, SW, SE**

mokankele, motsotsojana, motsotsojane, mpuzu; donkey berry, rough-leaved raisin bush, sandpaper raisin

Voucher: 98 km from Ghanzi to Maun, *Story 5053* (PRE)

actual size: 63 mm



● *Grewia flavescens* var. *flavescens*

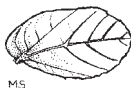
***Grewia hexamita* Burret**

SE

mpuzu; giant raisin

Voucher: Tuli Block, Nitani Game Reserve, *Baytopp 389* (UNIN)

actual size: 30 mm



***Grewia inaequilatera* Garcke**

N, SE

bastard silver raisin bush, large-leaved yellow grewia

Voucher: Kabulabula, Chobe River, *Van Son s.n.* (PRE)

actual size: 55 mm



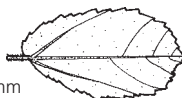
***Grewia monticola* Sond.**

N, SE

kukuruthwe, moretlwa, mogwanakgomo, motuu; donkey berry, grey grewia, silver raisin bush

Voucher: Mahalapye, *Rogers 6096* (PRE)

actual size: 47 mm



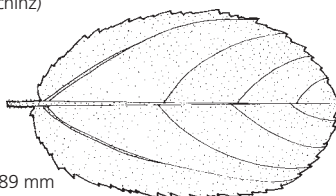
***Grewia olukondae* Schinz**

(*Grewia flavescens* Juss. var. *olukondae* (Schinz) Wild)

mokankele, motsotsojana, motsotsojane, mpuzu; river rough-leaved raisin bush

Voucher: Serondela, Miller B/1270 (SRGH)

N, SW, SE



actual size: 89 mm



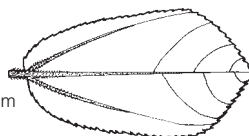
□ *Grewia olukondae*

***Grewia pachycalyx* K.Schum.**

mogwana; large-flowered white cross-berry

Voucher: Ngamiland, Curson 93 (PRE)

N



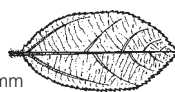
actual size: 65 mm

***Grewia retinervis* Burret**

mokankele, mokgomphata, mopundu, mpuzu; arib, false sandpaper raisin, Kalahari sand raisin bush, rough-leaved raisin bush

Voucher: Artesia, Pole Evans 3168 (SRGH)

N, SW, SE



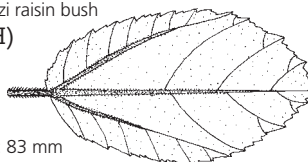
actual size: 46 mm

***Grewia schinzii* K.Schum.**

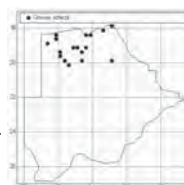
mokgompatha, mutu; shaggy grewia, Zambezi raisin bush

Voucher: Gumare, Miller B/433 (SRGH)

N



actual size: 83 mm

***Grewia subspathulata* N.E.Br.**

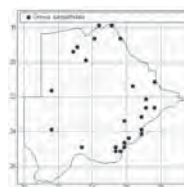
mambalane, maphokwe, moitsepele, phomphokwe; hybrid grewia, hybrid raisin bush

Voucher: Kanye, Miller B/715 (PRE)

N, SE, SW



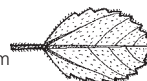
actual size: 69 mm

***Grewia tenax* (Forssk.) Fiori**

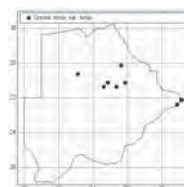
small-leaved white cross-berry

Voucher: Tuli Block, Nitani Game Reserve, Baytopp 101 (UNIN)

N, SE



actual size: 38 mm

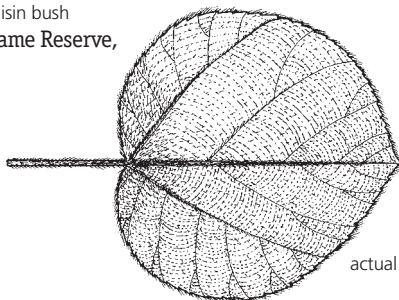


***Grewia villosa* Willd.**

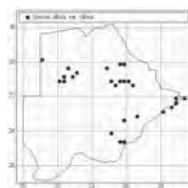
N, SW, SE

mpopotshe, mpupunye, sempuputshe; mallow raisin, mallow-leaved cross-berry, round-leaved raisin bush

Voucher: Tuli Block, Nitani Game Reserve, Baytopp 224 (UNIN)



actual size: 105 mm



ULMACEAE
Elm family

***Celtis* L.**

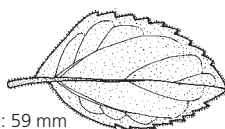
White stinkwood trees

***Celtis africana* Burm.f.**

modutu; African elm, cannibal stinkwood, white stinkwood

Voucher: Notwane River, Gaborone, Yalala 152 (GAB)

SE



actual size: 59 mm



***Chaetacme* Planch.**

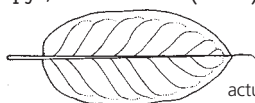
Thorny elms

***Chaetacme aristata* Planch.**

thorny elm

Voucher: Old Palapye, Woollard 818 (SRGH)

SE



actual size: 66 mm



actual size: 30 mm



URTICACEAE
Nettle family

***Obetia* Gaudich.**

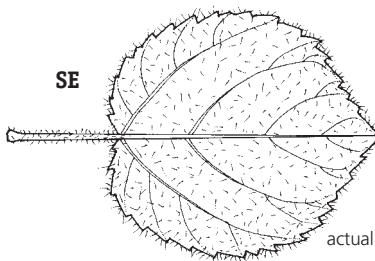
Nettle trees

***Obetia tenax* (N.E.Br.) Friis**

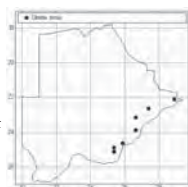
mmabi; nettle, tree nettle, urera plant

Voucher: Gaborone, Hansen 3444 (GAB)

SE



actual size: 100 mm



***Pouzolzia* Gaudich.**

Soap nettle bushes

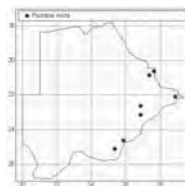
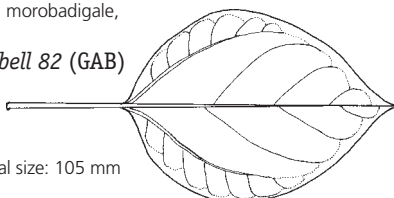
***Pouzolzia mixta* Solms**

mangolole, mongololo, monyololo, morobadigale, ngwenyane; soap nettle

Voucher: Tsodilo Hills, *Campbell 82* (GAB)

N, SE

actual size: 105 mm



VITACEAE
Grape-vine family

***Rhoicissus* Planch.**

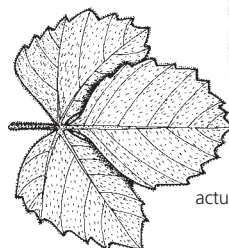
Wild grape bushes

***Rhoicissus tridentata* (L.f.) Wild & R.B.Drumm.**

subsp. *cuneifolia* (Eckl. & Zeyh.) Urton N, SE

lejaja, merekoputla-ya-bo-noko, mojaja, moreko-wa-thwagadima, moremelo, thagaraga; bitter grape, bushman's grape, common forest grape, wild grape

Voucher: Kanye, *Hillary & Robertson 495* (PRE)



actual size: 60 mm



Species possibly occurring in Botswana

Some taxa are mentioned in various literature sources as occurring in Botswana, but we have been unable to locate any specimens in UCBG, SRGH, PRE, WIND, or K. As we therefore have no voucher specimens proving that these taxa have actually been collected in Botswana, we list them separately here. They should be considered as *possibly* occurring in Botswana, and if found, we would appreciate duplicate specimens to be sent to UCBG.

ANACARDIACEAE

Ozoroa engleri R. & A.Fern.
Rhus gueinzii Sond.
Rhus undulata Jacq.

ANNONACEAE

Xylopia tomentosa Exell

BORAGINACEAE

Cordia caffra Sond.

BUDDLEJACEAE

Buddleja saligna Willd.

CAPPARACEAE

Maerua cafra (DC.) Pax subsp. *cafra*

CELASTRACEAE

Hippocratea parvifolia Oliv.

COMBRETACEAE

Combretum psidioides Welw. subsp. *glabrum*
 Exell

EBENACEAE

Euclea crispa (Thunb.) Guerke subsp. *crispa*
Euclea schimperi (A.DC.) Dandy var.
schimperi

EUPHORBIACEAE

Bridelia tenuifolia Müll.Arg.
Croton steenkampianus Gerstner
Euphorbia espinosa Pax
Maprounea africana Müll.Arg.

FABACEAE: MIMOSOIDEAE

® *Acacia hebeclada* DC. subsp. *tristis*
 A.Schreib.
Acacia reficiens Wawra subsp. *reficiens*
Acacia swazica Burt Davy
Albizia antunesiana Harms

FABACEAE: CAESALPINIOIDEAE

Adenolobus garipensis (E.Mey.) Torre & Hillc.
Bauhinia petersiana Bolle subsp. *petersiana*
Schotia capitata Bolle

FABACEAE: PAPILIONOIDEAE

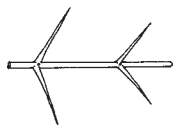
Sesbania coerulea Harms

HERNANDIACEAE

Gyrocarpus americanus Jacq.

HETEROPYXIDACEAE

Heteropyxis natalensis Harv.



LAMIACEAE

Vitex payos (Lour.) Merr.

Vitex pooara Corbishley

MORACEAE

Ficus glumosa (Miq.) Delile

Ficus natalensis Hochst. subsp. *natalensis*

MYRTACEAE

Syzygium gerrardii (Harv. ex Hook.f.) Burt
Davy

OLACACEAE

Ximenia caffra Sond. var. *natalensis* Sond.

PITTOSPORACEAE

Pittosporum viridiflorum Sims

PROTEACEAE

Protea caffra Meisn. subsp. *caffra*

RUBIACEAE

Canthium mundianum Cham. & Schltdl.

Coddia rudis (E.Mey. ex Harv.)

Verdc.

Pyrostria hystrix (Bremek.) Bridson

Tricalysia lanceolata (Sond.) Burt Davy

Vangueria esculenta S.Moore

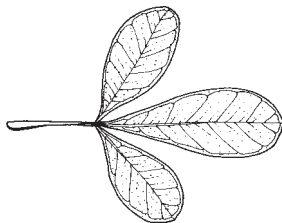
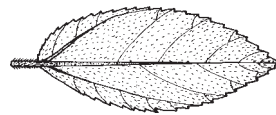
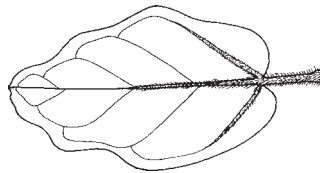
RUTACEAE

Toddaliopsis bremekampii I.Verd.

Vepris termitaria Mendonça

TILIACEAE

Grewia micrantha Bojer



Red Data Listed and protected tree species

Botswana's Forest Act (Forest Chapter 38:04, 1968) specifies the following timber species as protected on State Lands:

Adansonia digitata

dovuyu, ibozu, mbuyu, moana, mobuyu, mowana; Africa's upside-down tree, baobab

Azelia quanzensis

ikonkamukota, kamba, mwande; pod mahogany

Baikiaea plurijuga

mokusi, ukuthi; Rhodesian teak, Zambezi redwood

Berchemia discolor

inzi, motsintsila, mozinzila, mutsintsila; bird plum

Brachystegia boehmii

mowombo, mufuti; Prince of Wales' feather tree

Diospyros mespiliformis

isuma, mbiriri, mochenje, mokhutsomu, mokochong, mokutshumo, muchenje, utunda; African ebony, ebony, ebony diospyros, jackalberry, medlar, monkey guava, Mozambique ebony, persimmon, Rhodesian ebony, Transvaal ebony

Entandrophragma caudatum

mopumena, morwa; brown mahogany, mountain mahogany, wooden-banana

Guibourtia coleosperma

motsaodi, motsaudi, nsibi, shii, tsaudi, ushi; bastard mopane, bastard teak, large false mopane, Rhodesian copalwood, Rhodesian mahogany, Rhodesian teak

Pterocarpus angolensis

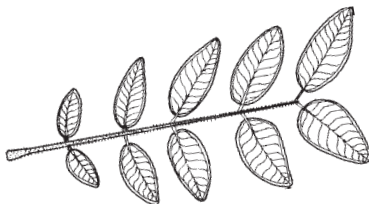
ilombe, malombe, moninga, moowa, morotomadi, mukwa, senyamadi, thotamadi; African teak, bloodwood, kiaat

Spirostachys africana

morekhure, morukuru; African mahogany tree, African sandalwood, jumping bean tree, tamboti

The Forest Act, however, makes provision for the use of some of these species for certain specified purposes by inhabitants of towns or villages adjacent to state lands.

Setshogo & Hargreaves (2002) list three tree species in the Botswana Red Data List (RDL). These are *Acacia hebeclada* subsp. *chobiensis*, *A. hebeclada* subsp. *tristis* and *Erythrophysa transvaalensis*. The two *Acacia hebeclada* sub-species are listed because of their limited distribution and also because they occupy fragile habitats. *A. hebeclada* subsp. *chobiensis* occurs in the Okavango Delta and is sensitive to unnatural water level fluctuations. *A. hebeclada* subsp. *tristis* is said to occur in the north-west of the country along fossil river valleys. Unfortunately, no specimen of the tree species exists in any of the herbaria consulted. *Erythrophysa transvaalensis* is very rare and has only been recorded from the rocky wooded hills of the Shoshong area. The species in the RDL are indicated by an ® in the list.



Glossary

apex The tip of a plant organ, e.g. a leaf (plural: apices).

aril A fleshy outer covering or appendage that encloses the whole or part of the seed, and usually develops from its stalk; often brightly coloured.

axil The upper angle between the leaf and the stem on which it is carried.

base The bottom part of the leaf where it joins the petiole.

bifoliolate Referring to a compound leaf with only two leaflets.

bipinnate Of a compound leaf: pinnately divided, with the pinnae themselves also pinnately divided. (= twice pinnate)

calyx Collective term for all the sepals of a flower; the outer whorl of most flowers; usually green.

capsule A dry fruit, usually opening by slits or pores.

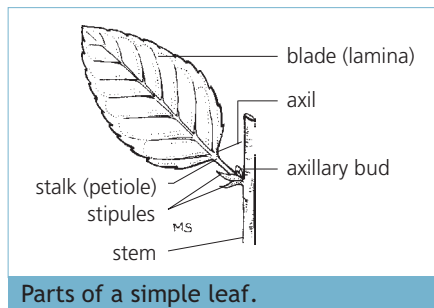
compound leaf A leaf consisting of two or more separate leaflets. Compare **simple leaf**.

coppice, coppicing Vegetative shoots at the base of the stem; sprouts arising from a stump.

crenate Of a toothed leaf margin: with shallow, rounded teeth.

deciduous Shedding leaves at the end of the growing season. Compare **evergreen**.

decoction Liquid potion prepared from the extraction of the water-soluble substances of



a medicinal plant by boiling in water. Compare **infusion**.

dehiscent Bursting open when ripe

dentate Of a toothed leaf margin: with coarse sharp teeth perpendicular to the margin.

dioecious Unisexual; bearing male and female flowers on different individuals of the same species.

carpel The female part of the flower.

monoecious Bearing separate male and female flowers on the same plant.

bisexual Having flowers that contain at least one functional stamen and one functional carpel. Compare **dioecious**, **monoecious**.

entire Smooth; with an even and continuous margin; lacking teeth, lobes, or indentations.

evergreen Retaining leaves throughout the year, even during winter. Compare **deciduous**.

extract A substance extracted from another substance, e.g. by treating with solvents which are then evaporated; a preparation contain-

ing the active principle of a substance in concentrated form.

fascicle A cluster of short stalks, roots, leaves, etc.

fissured Having openings, usually long and narrow, made by cracking, splitting, or separation of parts; **longitudinally fissured** Having fissures running lengthwise.

imparipinnate A pinnately compound leaf with an odd number of leaflets, and with a single terminal leaflet.

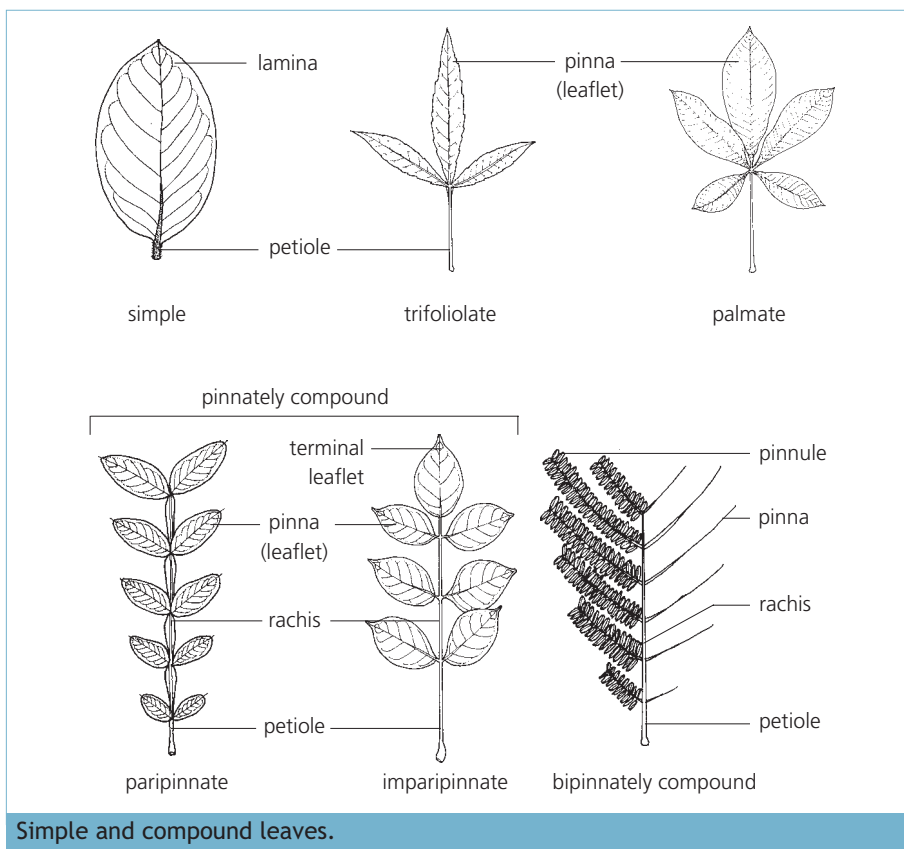
indehiscent Remaining closed; not opening when ripe or mature. Compare **dehiscent**.

inflorescence Any arrangement of more than one flower; the flowering portion of a plant.

infusion An extract obtained by steeping a substance in hot water.

leaflet The ultimate individual division of a compound leaf, which is usually leaf-like. It has a stalk of its own, but lacks an axillary bud in the axil with the rachis. (A pinna is the primary division of a pinnate leaf; a pinnule is the secondary or tertiary division of a pinnate leaf.)

lobe A part or a segment of an organ (e.g. leaf, petal) deeply divided from the rest of the organ but not separated; segments are usually rounded.



longitudinally Lengthwise.

margin Edge of a leaf; can be smooth, toothed, or scalloped.

mesocarp The middle layer of the fruit wall (pericarp), between the exocarp and endocarp.

exocarp The outermost layer of the fruit wall (pericarp).

endocarp The innermost layer of the fruit wall (pericarp).

mucilage A polysaccharide substance extractable as a viscous or gelatinous solution in water from roots, seeds, and other parts of certain plants, and used in medicines and adhesives.

node A point of a stem from which one or more leaves arise.

oblong An elongated but relatively wide shape, two to four times longer than broad with nearly parallel sides.

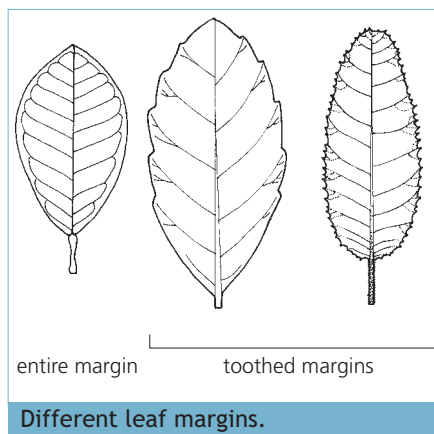
opposite Applied to two organs, e.g. leaves, growing at the same level on opposite sides of the stem.

ovary The hollow basal portion of the female flower parts; develops into the fruit if pollination and fertilisation take place.

ovate Egg-shaped in outline and attached at the broad end (used to describe flat surfaces, e.g. leaves). Compare **ovoid**.

ovoid Egg-shaped (used to describe three-dimensional structures, e.g. fruit). Compare **ovate**.

palmate With three or more leaflets arising from a single point and radiating outwards like the fingers of an open hand.



paripinnate A pinnately compound leaf with an even number of leaflets, and terminated by a pair of leaflets.

perennial Living for three or more years.

pericarp The wall of a ripened ovary or fruit.

petiole The leaf stalk.

pinna (plural: pinnae) 1. The primary division of a pinnately compound leaf. 2. The first series of branches within a bipinnate leaf which bears the pinnules.

pinnate, pinnately compound Applied to a compound leaf whose leaflets are arranged in two rows along an extension (the rachis) of the leaf stalk. Compare **imparipinnate**, **paripinnate**, **bipinnate**.

pinnule The secondary (or tertiary) division of a bipinnately (or tripinnately) compound leaf.

rachis (rhachis) The central axis of a compound leaf.

recurved Backward-curving.

rounded Having a circular, spherical, or curving form.

samara A dry indehiscent fruit in which the pericarp is extended to form one or more wings.

sepals The outermost set of modified leaves constituting a flower; usually green, leaf-like, in the bud stage enclosing and protecting the other flower parts, and collectively known as the calyx.

serrate Of a toothed leaf margin: with sharp, forward-pointing teeth.

simple leaf Leaf with only a single blade. Compare **compound leaf**.

spine A hard, straight and sharply pointed structure, often long and narrow. Usually a modified leaf or stipule. Compare **thorn**.

stellate Star-shaped; arranged or grouped in the form of a star or stars; (having parts) radiating from a centre like the rays of a star.

stipule Small scale- or leaf-like appendage at the base of the leaf stalk in some plants; generally found in pairs on each side of the leaf

stalk at the junction of the leaf stalk and stem. Stipules often fall off early in life, leaving scars on the stem. They are best seen on young, actively growing shoots.

thorn 1. A curved spine. 2. A sharply pointed branch. Compare **spine**.

toothed Used in a generalised sense to refer to leaf margins with pointed processes, including dentate, serrate, and crenate. Compare **entire**.

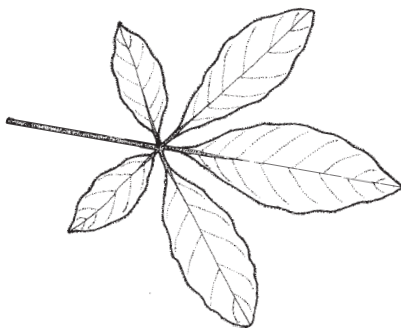
trifoliate Referring to a compound leaf with three leaflets.

undulate With a wavy margin.

united Joined together (= not free).

whorl 1. The arrangement of three or more leaves or flowers at the same node of the axis, forming an encircling ring. 2. More than two of any other organs (e.g. petals, stamens) arising at the same level.

Based on definitions given in Van Wyk & Van Wyk (1997), Raven *et al.* (1992), and the Oxford Talking Dictionary (©1998 The Learning Company, Inc.).



References and further reading

- ARNOLD, T.H. & DE WET, B.C. (eds) 1993. *Plants of southern Africa: names and distribution*. National Botanical Institute, Pretoria.
- BARNES, J.E. & TURTON, L.N. 1986. *A list of the flowering plants of Botswana in the herbaria at the National Museum, Sebele and University of Botswana*. Botswana Society and The National Museum and Art Gallery, Gaborone.
- BRIDSON, D.M. 1998. Rubiaceae. *Flora zambesiaca* 5,2: 211-377.
- BRUMMITT, R.K. & POWELL, C.E. (eds). 1992. *Authors of plant names*. Royal Botanic Gardens, Kew.
- BRUMMITT, R.K. 1992. *Vascular plant families and genera*. Royal Botanic Gardens, Kew.
- CAMPBELL, A. & HITCHCOCK, R. 1985. Some Setswana names of woody plants. *Botswana Notes and Records* 17: 117-130.
- CARR, J.D. 1988. *Combretaceae in southern Africa*. Tree Society of Southern Africa.
- COATES PALGRAVE, K.C. 2002. *Trees of southern Africa*. Struik Publishers, Cape Town.
- CRONQUIST, A. 1988. *The evolution and classification of flowering plants*. 2nd edition. New York Botanical Garden, New York.
- ELLERY, K. & ELLERY, W. 1997. *Plants of the Okavango: a field guide*. Tsaro Publishers, Durban.
- FERNANDES, A. 1978. Heteropyxidaceae. *Flora zambesiaca* 4: 212-215.
- FERNANDO, E.S., GADEK, P.A. & QUINN, C.J. 1995. Simaroubaceae, an artificial construct: evidence from *rbcl* sequence variation. *American Journal of Botany* 82: 92-103.
- GOVERNMENT OF BOTSWANA. 1968. *Forest Act*. Government Printer, Gaborone.
- HILTON-TAYLOR, C. 1996. *Red Data List of southern African plants*. *Strelitzia* 6. National Botanical Institute, Pretoria.
- HOLMGREN, P.K., HOLMGREN, N.H. & BARNETT, L.C. (eds) 1990. *Index herbariorum*, 8th edition. Part 1: Herbaria of the world. *Regnum Vegetabile* 120.
- LEISTNER, O.A. (ed.) 2000. Seed plants of southern Africa: families and genera. *Strelitzia* 10. National Botanical Institute, Pretoria.
- POPE, G.V. & POPE, D.G. 1998. *Flora zambesiaca: collecting localities in the Flora zambesiaca area*. Royal Botanic Gardens Kew, Surrey.
- RAVEN, P.H., EVERT, R.F. & EICHHORN, S.E. 1992. *Biology of plants*. 5th edition. Worth Publishers, New York.
- ROODT, V. 1998. *Trees and shrubs of the Okavango Delta: medicinal uses and nutritional value*. The Shell Field Guide Series: Part 1, Shell Oil Botswana (Pty) Ltd, Gaborone.
- SETSHOGO, M.P. & HARGREAVES, B.J. 2002. Botswana. In J. Golding (ed.), *Southern African Plant Red Data Lists*. *Southern African Botanical Diversity Network Report* No. 14, Pretoria.
- SETSHOGO, M.P. 1998. Setswana plant names and the identification of local flora. *Botswana Notes and Records* 30: 57-66.
- SMITH, G. & WILLIS, C. 1999. *Index herbariorum: southern African supplement*, 2nd edition. *Southern African Botanical Diversity Network Report* No. 8, Pretoria.
- STORY, R. 1958. *Some plants used by Bushmen in obtaining food and water*. Botanical Survey Memoir No. 30. Union of South Africa. Department of Agriculture, Division of Botany.
- TAKHTAJAN, A. 1997. *Diversity and classification of flowering plants*. Columbia University Press, New York.
- TIMBERLAKE, J. 1980. *Handbook of Botswana Aca-cias*. Ministry of Agriculture, Gaborone.
- VAN ROOYEN, N. 2001. *Flowering plants of the Kalahari dunes*. Ekotrust cc, Lynnwood.
- VAN WYK, B. & VAN WYK, P. 1997. *Field guide to trees of southern Africa*. Struik Publishers (Pty) Ltd, Cape Town.
- VAN WYK, B., VAN WYK, P. & VAN WYK, B-E. 2000. *Photographic guide to the trees of southern Africa*. Briza Publications, Pretoria.
- VENTER, F. & VENTER, J. 1996. *Making the most of indigenous Trees*. Briza Publications. Pretoria.
- WEARE, R.P. & YALALA, A. 1971. Provisional vegetation map of Botswana. *Botswana Notes and Records* 3: 131 - 147.
- WOOLLARD, J. 1981. *A vegetative key to the woody plants of southeastern Botswana*. University College of Botswana, Gaborone.
- WOOLLARD, J. 1984. *A vegetative key to the woody plants of southern Botswana*. University College of Botswana, Gaborone.

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