

BIO-DIVERSITY



BOTANICAL NAME

Aegle marmelos (L.)

Correa

COMMON NAMES

Bael

Interesting Facts:

The leaf is trifoliate,. Young leaves are pale green or pinkish, finely hairy while mature leaves are dark green and completely smooth. Each leaf has 4-12 pairs of side veins which are joined at the margin.

The flowers are pale green or yellowish, sweetly scented, bisexual, in short drooping unbranched clusters at the end of twigs and leaf axils.

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BOTANICAL NAME

Albizia saman (jacq.)
merr

COMMON NAME

Rain Tree

Interesting Facts:

Large, handsome and spreading, the Rain Tree is easily recognized by its umbrella like canopy of evergreen, feathery foliage and puffs of pink flowers. It is frequently planted in group. It is a tree of rapid growth and the strong, spreading branches may be nearly as long. The bark is dark grey, often bearing horizontal weals and the trunk frequently branches

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BOTANICAL NAME

Annona reticulata

COMMON NAME

Ramphal

Interesting Facts:

It is a small deciduous or semi-evergreen tree with an open, irregular crown.

*The slender leaves are hairless, straight and pointed at the apex
The yellow-green flowers are generally in clusters, with three long outer petals and three very small inner ones. It is pollen shed as permanent tetrads.*

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BOTANICAL NAME

*Areca catechu*L

COMMON NAME

Supari

Interesting Facts

The leaves of Piper betle (commonly known as betel) are often chewed together with the palm's nut and edible lime.

The palm is believed to have originated in the Philippines. The seed contains alkaloids such as arecaidine and arecoline, which, when chewed, are intoxicating and slightly addictive. Areca palms are grown.

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BOTANICAL NAME

Artocarpus heterophyllus
lam

COMMON NAME

Phanas

Interesting Facts

The jack tree is well-suited to tropical lowlands, and it bears the largest fruit of all trees, A mature jack tree can produce about 100–200 fruits in a year. The jackfruit is a multiple fruit composed of hundreds to thousands of individual flowers, and the fleshy petals of the unripe fruit are eaten.

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BOTANICAL NAME

*Azadirachta indica a.
juss*

COMMON NAME

Kadu Neem

Interesting Facts

*It is typically grown
in tropical and semi-tropical
regions. Its fruits and seeds
are the source of neem oil.*

*It is evergreen, but in
severe drought it may shed
most or nearly all of its
leaves. The branches are
wide and spreading. The
fairly dense crown is
roundish*

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BOTANICAL NAME

Bauhinia purpurea L

COMMON NAME

Kanchan

Interesting Facts

Phanera purpurea is a small to medium-

size deciduous tree. The leaves long and broad, rounded, and bilobed at the base and apex.

The flowers are conspicuous, pink, and fragrant, with five petals. The fruit is apod containing Leaves are alternate.

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BOTANICAL NAME

Bauhinia racemosa Lam

COMMON NAME

Apta

Interesting Facts

It is commonly known as the Bidi leaf tree is a rare medicinal species of flowering shrub with religious significance. It is a small crooked tree with drooping branches tall and flowers between February and May. It is native to tropical Southeast Asia.

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BOTANICAL NAME

Carica papaya

COMMON NAME

Papai

Interesting Facts

The papaya is a small, sparsely branched tree, usually with a single stem growing from 5 to 10 m tall, with spirally arranged leaves confined to the top of the trunk. The lower trunk is conspicuously scarred where leaves and fruit were borne.

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BOTANICAL NAME

Cassia fistula

COMMON NAME

Bahava

Interesting Facts

It is commonly known as golden shower, purging cassia. The leaves are deciduous and pinnate with three to eight pairs of leaflets. The flowers are produced in pendulous racemes long, with five yellow petals of equal size and shape. The tree has strong and very durable wood.

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BOTANICAL NAME

Citharexylum spinosum L

COMMON NAME

Florida fiddlewood

Interesting Facts

It is a species of flowering plant. The ovate to elliptic leaves are 4–20 cm long and have orange petioles. Small white flowers are produced throughout the year on hanging axillary and terminal racemes and panicle. The fruit are red to black subglobose drupes.



BOTANICAL NAME

Citrus limon (L.) osbeck

COMMON NAME

Limbu

Interesting Facts

The lemon, Citrus Limon (L.) Osbeck, is a species of small evergreen tree in the flowering plant. The pulp and rind (zest) are also used in cooking and baking. The juice of the lemon has citric acid, with a pH of giving it a sour taste. The distinctive sour taste of lemon juice makes it a key ingredient in drinks and foods such as lemonade and lemon meringue pie.

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BOTANICAL NAME

Cocos nuciferaL.

COMMON NAME

Naral

Interesting Facts

Coconuts are known for their versatility of uses, ranging from food to cosmetics. The inner flesh of the mature seed, as well as the coconut milk extracted from it, forms a regular part of the diets of many people. Coconuts are distinct from other fruits their endosperm contains a large quantity of clear liquid, called "coconut water" or "coconut juice"



BOTANICAL NAME

Cypress sp.

COMMON NAME

Cypress

Interesting Facts

Most species of cypress trees are evergreen, with the exception of those in the Taxodium genus, which are deciduous in nature.

Deciduous cypress trees still bear needles, though the needles turn from green to reddish-brown in fall and winter.

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BOTANICAL NAME

*Dalbergia sissoo*DC

COMMON NAME

Shisham

Interesting Facts

It is hardy deciduous rosewood tree native to the Indian Subcontinent and Southern Iran. D. Sissoo is a large, crooked tree with long, leathery leaves and whitish or pink flowers.

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BOTANICAL NAME

Delonix regia (hook.) raf

COMMON NAME

Gulmohar

Interesting Facts

It is a species of flowering plant It is noted for its fern-like leaves and flamboyant display of orange-red flowers over summer.

Trunks are often crooked when grown in the open. Leaves are leathery, alternate, innately. Flowers are whitish to pink, fragrant, nearly sessile. Pods are oblong, flat, thin, strap-like wide and light brown. They have a long taproot and numerous surface roots which produce suckers.



BOTANICAL NAME

Dyopsis lutescens
(h.wendl.) beentje &
j.dransf

COMMON NAME

Areca Palm

Interesting Facts

Small, diffuse or erect, suffruticose under shrubs with branches finely tomentose; stems. Leaves compound, alternate, spiral; rachis long, slender, with a sessile discoid gland near the lowest leaflets; stipules large, linear subulate with a broad base, persistent; subfalcate-oblong, truncate, obliquely acute at base, mucronate at apex, entire, membranous, glabrous,

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BOTANICAL NAME

*Ficus benghalensis*L

COMMON NAME

Vad

Interesting Facts

Ficus benghalensis produces propagating roots which grow downwards as aerial roots. Once these roots reach the ground they grow into woody trunks.

Seeds that pass through the digestive system of birds are more likely to germinate and sprout earlier.

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BOTANICAL NAME

***Ficus elastica roxb. ex
hornem***

COMMON NAME

Ruber Tree

Interesting Facts

It is a large tree in the banyan growing in groups with a stout trunk up to 2 metres The strong and irregular trunk, develops aerial and buttressing roots to anchor it in the soil and help support heavy branches.

It has broad shiny oval leaves plants The leaves develop inside a sheath at the apical meristem, which grows larger

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BOTANICAL NAME

ficus microcarpa L.f.

COMMON NAME

Ficus

Interesting Facts

Ficus microcarpa is a tropical tree with smooth light-gray bark and entire oblanceolate leaves. It grows much larger, producing great numbers of prop roots.

The *F. microcarpa* with the thickest trunk. Its main trunk is 28.0 feet thick at breast height. Slightly smaller is the "Banyan at Lomteuheakal" in Vanuatu, a *F. microcarpa* with a main trunk 27.15 feet thick

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BOTANICAL NAME

ficus racemosa L

COMMON NAME

Umber

Interesting Facts

It is a species of plant in the family Moraceae. It is unusual in that its figs grow on or close to the tree trunk, termed cauliflory. In India, the tree and its fruit are called gular in the north and datti in the south. The fruits are a favourite staple of the common Indian macaque. It serves as a food plant for the caterpillars of the two-brand crowbutterfly (Euploea sylvester)

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BOTANICAL NAME

ficus religiosa L

COMMON NAME

Pimpal

Interesting Facts

Ficus religiosa is a large dry season-deciduous or semi-evergreen tree The leaves are cordate in shape with a distinctive extended drip tip;. The fruits are small figs .It has a very long lifespan, with an average life ranging between 900–1,500 years. Some trees have been reported to be more than 2,000 years old,

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BOTANICAL NAME

Grevillea
busta A. Cunn. ex R. Br.

COMMON NAME

Silver Oak

Interesting Facts

It is a fast-growing evergreen tree with a single main trunk. The bark is dark grey and furrowed. Its leaves are fern-like. Each lobe is sometimes further divided into as many as four, each one linear to narrow triangular in shape. It loses many of its leaves just before flowering. The flowers are arranged in one-sided, "toothbrush"-like groups, sometimes branched. The flowers are glabrous and mostly yellowish orange, or sometimes reddish.

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BOTANICAL NAME

Holoptelea integrifolia

COMMON NAME

Vavla

Interesting Facts

It has grey bark, covered with blisters, peeling in corky scales on old trees. Alternately arranged leaves are elliptic-ovate smooth, with entire margins, and a pointed tip. Leaf base is rounded or heart-shaped. Stipules are lance-shaped. Crushed leaves emit an unpleasant odour. Flowers are small, greenish-yellow to brownish, pubescent, borne in short racemes or fascicles at the scars of fallen leaves. Sepals are velvety. Fruit is an a circular samara



BOTANICAL NAME

*Jacaranda
mimosifolia*D.Don

COMMON NAME

Nil-Mohar

Interesting Facts

The leaves are bipinnate in most species, pinnate or simple in a few species. The flowers are produced in conspicuous large panicles, each flower with a five-lobed blue to purple-blue corolla; a few species have white flowers. The fruit is an oblong to oval flattened capsule containing numerous slender seeds. The genus differs from other genera in the Bignoniaceous in having a staminode that is longer than the stamens, tricolpate pollen.



BOTANICAL NAME

Leucaena leucocephala
(lam.) de wit

COMMON NAME

Subabhul

Interesting Facts

It was promoted as a "miracle tree" for its multiple uses. It has also been described as a "conflict tree" because it is used for forage production but spreads like a weed in some places.

The legume is promoted in several .Most importantly as a source of quality animal feed, but also for residual use for firewood or charcoal production.

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BOTANICAL NAME

Magnolia champaca L.

COMMON NAME

Sonchafa

Interesting Facts

It has strongly fragrant flowers in varying shades of cream to yellow-orange,

Champa is very well known flower. Staminal connective is protruding and forming a long tip. Buds, young twigs, young petioles, and young leaf blades are pale yellow velvet-hairy. Twigs are ascending and forming a narrow umbelliform crown. Fruit is mature carpels obovoid-ellipsoid, tuberculate.

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BOTANICAL NAME

Mangifera indica L

COMMON NAME

Amba

Interesting Facts

It is a species of flowering plant in the sumac and poison ivy family

Anacardiaceous. It is native to the Indian subcontinent where it is indigenous.

Hundreds of cultivated varieties have been introduced to other warm regions of the world.



BOTANICAL NAME

Melia azedarach L.

COMMON NAME

Bakan Neem

Interesting Facts

*The adult tree has a rounded crown azedarach .
The leaves are long, alternate, long-petioled, two or three times compound the leaflets are dark green above and lighter green below, with serrate margins.
The flowers are small and fragrant, with five pale purple or lilac petals, growing in clusters. The fruit is a drupe, marble-sized, light yellow at maturity, hanging on the tree all winter*

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BOTANICAL NAME

Millingtonia hortensis L.f

COMMON NAME

Buch

Interesting Facts

It is a versatile tree which can grow in various soil types and climates with a preference for moist climates

The tree is evergreen and has an elongated pyramidal stem. The soft, yellowish-white wood is brittle and can break under strong gusts of wind. The leaf is imparipinnate and resembles that of the neem.

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BOTANICAL NAME

Mimusops elengi

COMMON NAME

Bakul

Interesting Facts

Bullet wood is an evergreen tree It flowers in April, and fruiting occurs in June. Leaves are glossy, dark green, oval-shaped, wide. Flowers are cream, hairy, and scented. Bark is thick and appears dark brownish black or grayish black in color, with striations and a few cracks on the surface.

It is a medium-sized evergreen tree found in tropical forests.

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BOTANICAL NAME

Nyctanthes arbor-tristis

COMMON NAME

Parijatak

Interesting Facts

It is a shrub or a small tree growing to 10 m tall, with flaky grey bark. The leaves are opposite, simple with an entire margin. The flowers are fragrant, with a five- to eight-lobed white corolla with an orange-red centre; they are produced in clusters of two to seven together, with individual flowers opening at dusk and finishing at dawn. The fruit is a blobbed, flat brown heart-shaped to round capsule

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BOTANICAL NAME

*Peltophorum
pterocarpum (dc.)
k.heyne*

COMMON NAME

Copper pod tree

Interesting Facts

It is deciduous tree growing to tall, with a trunk

The leaves are bipinnate oval leaflets. The flowers are yellow, produced in large compound raceme Pollens are approximately 50 microns in size.

Pollens of Peltophorum pterocarpu. It is

deciduous tree growing to tall, with a trunk

The leaves are bipinnate oval leaflets. The flowers are yellow, produced in large

compound raceme Pollens are approximately 50 microns in size.

Pollens of Peltophorum pterocarpu.



BOTANICAL NAME

Phyllanthus emblica L

COMMON NAME

Amla

Interesting Facts

The tree is small to medium in size, The branchlets are not glabrous or finely pubescent, long, usually deciduous; the leaves are simple, subsessile and closely set along branchlets, light green, resembling pinnate leaves. The flowers are greenish-yellow. The fruit is nearly spherical, light greenish-yellow, quite smooth and hard on appearance, with six vertical stripes or furrows. The taste of Indian embolic is sour, bitter and astringent,





BOTANICAL NAME

Psidium guajava

COMMON NAME

Peru

Interesting Facts

Guava fruits can range in size from as small as an apricot to as large as a grapefruit. Various cultivars have white, pink, or red flesh, and a few also feature red (instead of green or yellow) skin.

From seed, common guavas may bloom and set fruit in as few as two years or as many as eight. The plant is used in many different shampoo products for its scent. It is also becoming a popular bonsai species and is currently quite popular in India and Eastern Asia