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ECONOMICALLY IMPORTANT PLANTS ARRANGED SYSTEMATICALLY

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This list began in 1970 as a handout in the Plants and Civilization course that I taught at HSU. It was an updating and expansion of one prepared by Albert F. Hill in his 1952 textbook Economic Botany... and it simply got out of hand. I also thought it would be useful to add a brief description of how the plant is used and what part yields the product. There are a number of more or less encyclopedic references on this subject. The number of plants and the details of their uses is simply overwhelming. In the list below, I have attempted to focus on those plants that are of direct economic importance to us. I have not included ornamentals, weeds, forage/fodder plants, or toxic plants (unless we knowingly use them to kill something or someone). The various dictionaries of economic plants also include, on a hit-and-miss basis, plants that are sometimes eaten only locally or that have been used medicinally in some fashion. I have included only those food plants that enjoy wider use and those medicinal plants that have demonstrated properties.

The list of nonvascular plants, ferns, and their allies is short enough to scan quickly. The much more extensive coverage of gymnosperms and flowering plants is arranged by plant family. If you are not familiar with their technical names, I have added a "conversion table" at the end of the list. I have included a selected references section. Of these, I especially recommend the book by David Mabberley.

Scientific Name • Common Name	Product or Use • Plant Part
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BACTERIA

Acetobacter aceti	Used to make vinegar • all
Brevibacterium linens	Used to make limburger cheese • all
Lactobacillus acidophyllus	Used in milk fermentation • all
Lactobacillus bulgaricus	Used to make yogurt • all
Lactobacillus casei	Used to make a variety of cheeses • all
Leuconostoc kimchi	Used to ferment cabbage to yield kimchi • all
Propionobacterium freudenreichii	Used to make Swiss cheese • all
Streptococcus spp.	Used to make yogurt, sour cream, butter, buttermilk • all
Xanthomonas campestris	Source of xanthum gum used in food products • all

ALGAE

Alaria esculenta • Murlin	Food • plant body
Ascophyllum nodosum • Knotted wrack	Gum (algin) • plant body
Chondrus crispus • Irish-moss	Gum (carrageenan) • plant body
Eisenia bicyclis • Arame	Food • plant body
Furcellaria fastigiata	Gum (furcellaran) • plant body
Gelidium spp. • Agar-agar	Gum (agar) • plant body

Hijikia fusiformis • Hijiki	Medicine (goiter, high blood pressure) • plant body
Laminaria digitata • Kelp	Food • plant body
Laminaria saccharina • Kelp, sugar wrack	Food • plant body
Laminaria spp. • Kombu, oar weed	Gum (algin) • plant body
Macrocystis pyrifera • Kelp	Food • plant body
Nereocystis luetkeana • mermaid's bladder, edible kelp	Food, source of alginates • plant body
Nostoc spp.	Food • plant body
Palmaria palmata • Dulse	Food, salt substitute • plant body
Porphyra umbilicalis • Nori, laver	Food; wrap sushi • plant body
Spirulina spp. • Spirulina	Food • plant body
Ulva lactuca • Sea-lettuce, green laver	Food • plant body
Undaria pinnatifida • Wakame	Food; medicine (suppress tumors) • plant body

FUNGI

Agaricus bisporus • Button, field, or portobello mushroom	Food • sporocarp
Agaricus campestris • Meadow mushroom	Food • sporocarp
Amanita muscaria • Fly agaric, soma	Psychoactive • sporocarp
Aspergillus flavus • Bread mold	Fermentation (sake and soy sauce) • all
Aspergillus oryzae • Yellow koji mold	Fermentation: sake • all
Auricularia auricula-judae • Wood ear, Judas's ear	Food • sporocarp
Bipolaris maydis	Cause of southern corn leaf blight • spores
Boletus spp. • Boletes	Food • sporocarp
Candida albicans	Cause of thrush
Cantharellus cibarius • Chanterelle	Food • sporocarp
Claviceps purpurea • Ergot fungus	Medicine (vasoconstrictor), psychoactive • sclerotium
Coccidioides immitis	Cause of coccidioidomycosis (valley fever)
Conocybe spp. • Sacred mushroom, teonanacatl	Psychoactive • sporocarp
Cortinellus edodes • Shitake	Food • sporocarp
Flammulina velutipes • Enoki mushroom, velvet shank	Food • sporocarp
Fusarium graminearum	Cause of wheat head blight disease
Fusarium oxysporum	Cause of Panama disease in the banana
Histoplasma capsulatum	Cause of histoplasmosis
Lactarius deliciosus • Orange agaric	Food • sporocarp
Lentinus edodes • Shitake mushroom	Food • sporocarp
Lycoperdon marginatum • Gi-i-sa-wa	Psychoactive • sporocarp
Lycoperdon mixtecorum • Gi-i-wa	Psychoactive • sporocarp
Lycoperdon spp. • Puffball	Food • sporocarp
Morchella esculenta • Morel	Food • sporocarp
Ophiostoma ulmi	Cause of Dutch elm disease
Paneolus spp. • Sacred mushrooms	Psychoactive • sporocarp
Penicillium camemberti	Ripening and flavoring of cheese • all
Penicillium chrysogenum	Antibiotic (penicillin) • all
Penicillium notatum	Antibiotic (penicillin) • all
Penicillium roquefortii	Ripening and flavoring of cheese (Roquefort) • all
Phytophthora infestans	Cause of late blight of potato
Phytophthora ramorum	Cause of sudden oak death disease
Phytophthora sojae	Cause of soybean root rot
Pleurotus spp. • Oyster mushroom	Food • sporocarp
Psilocybe spp. • Sacred mushrooms	Psychoactive • sporocarp
Rhizoctonia crocorum	Cause of violet root rot in vegetables
Puccinia spp. • Rusts	Cause of cereal rusts
Russula spp. • brittle caps	Food • sporocarp
Saccharomyces carlsbergensis • Beer yeast	Alcohol production (brewing) • all
Saccharomyces cervisiae • Beer yeast	Alcohol production (brewing) • all
Saccharomyces ellipsoideus • Wine yeast	Alcohol production (wine making) • all

Saccharomyces theobromae • Cacao yeast
 Streptomyces spp.
 Stropharia spp. • Sacred mushrooms
 Tolypocladium inflatum
 Tuber spp. • Truffles
 Volvariella volvacea • Straw mushroom
 Zygosaccharomyces soyae

Fermentation process (cacao) • all
 Antibiotics • all
 Psychoactive • sporocarp
 Medicine (cyclosporin) • all
 Food • sporocarp
 Food • sporocarp
 Alcoholic fermentation • all

LICHENS

Cetraria islandica • Iceland-moss
 Evernia prunastri • Oak-moss
 Evernia vulpina • lichen wolf-moss
 Evernia spp. • Yellow lichen
 Lasallia pustulata • Blistered umbilicaria
 Lecanora esculenta • Manna
 Lobaria pulmonaria • lung lichen, lung-moss
 Parmelia conspersa • Jevud hiosig
 Roccella tinctoria • Archil, orseille
 Umbilicaria spp. • rock tripe
 Urceolaria spp.
 Usnea spp. • Old man's beard

Food, medicine • all
 Perfume stabilizer; dye • all
 Dye • all
 Arrow poison • all
 Dyes (red, purple, brown) • all
 Food, sugar • all
 Medicine (respiratory, urinary); dye • all
 Fumatory, masticatory • all
 Dye (litmus paper); food coloring • all
 Food • all
 Dyes • all
 Dyes, powder (cosmetic) • all

MOSESSES & LIVERWORTS

Polytrichum commune • Haircap moss
 Sphagnum spp. • Sphagnum, peat moss

Bedding, medicine (speed child birth) • all
 Fuel (peat), insulation, packing material • all

LYCOPHYTES & FERNS

Cyathea spp. • Tree fern
 Dryopteris dilatata • Broad shield fern
 Dryopteris filix-mas • Male fern
 Equisetum spp. • Horsetails, scouring-rush
 Lycopodium alpinum • Club-moss
 Lycopodium clavatum • Club-moss
 Matteuccia struthiopteris • Ostrich fern
 Osmunda cinnamomum • Cinnamon fern
 Pteridium aquilinum • Bracken fern, brake fern

Building material, thatching • frond
 Medicine (vermifuge) • rhizome
 Food • rhizome; vermifuge
 Scouring material • stems; food • shoot
 Yellow dye • all
 Flash powder, suppository coatings • spores
 Food • frond
 Food; fibers for orchid growing • frond
 Food • rhizome

GYMNOSPERMS

ARAUCARIACEAE (ARAUCARIA FAMILY)

Agathis australis • Kauri, kauri-pine
 Araucaria araucana • Monkey puzzle
 Araucaria bidwillii • Bunya-pine
 Araucaria cunninghamii • Moreton Bay-pine
 Araucaria excelsa • Norfolk Island-pine

Timber
 Food • seed
 Food • seed; timber
 Timber
 Timber

CUPRESSACEAE (JUNIPER OR CEDAR FAMILY)

Calocedrus decurrens • Incense cedar
 Chamaecyparis lawsoniana • Port Orford cedar
 Chamaecyparis nootkatensis • Alaska cedar
 Juniperus communis • Common juniper
 Juniperus virginiana • Red cedar
 Sequoia sempervirens • Redwood

Timber
 Timber
 Flavoring alcoholic beverages (gin) • "berries"
 Timber
 Timber

Sequoiadendron giganteum • Big tree, Sierra redwood	Timber
Taxodium distichum • Bald cypress	Timber
Thuja occidentalis • Northern white cedar	Essential oil • leaf
Thuja plicata • Western red cedar	Timber
Tsuga canadensis • Eastern hemlock	Timber
Tsuga heterophylla • Western hemlock	Timber

CYCADACEAE (CYCAD FAMILY)

Cycas circinalis • Sago-palm	Food (starch) • stem
Cycas revoluta • Japanese sago palm	Food (starch) • stem
Dioon edule • Palma de la Virgen	Food • seed
Encephalartos caffer • Kaffir bread	Food (sago starch) • seed, stem
Encephalartos altensteinii • Bread tree	Starch • stem
Zamia floridana • Florida coon-tie, Florida arrowroot	Food • rhizome

EPHEDRACEAE (EPHEDRA FAMILY)

Ephedra sinica • Ma-huang	Medicine (ephedrine) • stem
Ephedra trifurca • Mormon tea	Medicine (ephedrine) • stem

GINKGOACEAE (GINKGO OR MAIDENHAIR TREE FAMILY)

Ginkgo biloba • Maidenhair tree	Timber; medicine, oil, food (sal nut) • seed
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PINACEAE (PINE FAMILY)

Abies alba • White fir	Timber
Abies amabilis • Cascade fir	Timber
Abies balsamea • Balsam fir	Resin (Canada balsam, balm-of-Gilead)
Abies concolor • White fir	Timber
Abies grandis • Giant fir, grand fir	Timber
Abies magnifica • Red fir	Timber
Abies procera • Noble fir	Timber
Cedrus atlantica • Atlantic cedar	Timber
Cedrus deodara • Deodar cedar	Timber
Cedrus libani • Cedar-of-Lebanon	Timber; essential oil • wood
Larix decidua • European larch	Timber, turpentine, medicine, tannins • bark
Larix laricina • Eastern larch, tamarack	Timber
Larix occidentalis • Western larch	Resin
Picea abies • Norway spruce	Timber
Picea engelmannii • Englemann spruce	Timber
Picea glauca • White spruce	Timber
Picea rubens • Red spruce	Timber
Picea sitchensis • Sitka spruce	Timber
Pinus cembra • Stone pine, Swiss stone pine	Food • seed
Pinus cembroides • Mexican stone pine	Food • seed
Pinus edulis • Piñon pine	Food • seed
Pinus lambertiana • Sugar pine	Timber
Pinus monophylla • Piñon pine	Food • seed
Pinus monticola • Western white pine	Timber
Pinus palustris • Longleaf pine	Timber; resin (turpentine, pitch)
Pinus pinea • Pignolia	Food • seed
Pinus ponderosa • Ponderosa pine, yellow pine	Timber
Pinus strobus • White pine	Timber
Pinus succinifera • Amber tree	Resin (amber)
Pinus sylvestris • Scotch pine, Scots pine	Timber
Pinus taeda • Loblolly pine	Timber
Pinus spp. • Pines	Resin, oleoresin
Pseudotsuga menziesii • Douglas-fir	Timber; resin (Oregon balsam); beverage • leaf

PODOCARPACEAE (PODOCARP FAMILY)

Podocarpus spp. • Podocarp

Timber, wood

TAXACEAE (YEW FAMILY)

Taxus baccata • English yew

Taxus brevifolia • Pacific yew

Taxus cuspidata • Japanese yew

Torreya nucifera • Japanese torreyia.

Wood
Medicine (taxol) • leaf, bark
Timber, dye
Food • seed, oil**FLOWERING PLANTS****ACANTHACEAE (ACANTHUS FAMILY)**

Justicia pectoralis • Masha-hari

Psychoactive (snuff) • leaf

ACERACEAE (MAPLE FAMILY)

Acer nigrum • Black maple

Acer platanoides • Norway maple

Acer pseudoplatanus • Sycamore maple

Acer rubrum • Red maple

Acer saccharum • Sugar maple

Sugar • sap
Timber; dye • wood
Timber
Timber; dye • wood
Timber; sugar • sap**ACTINIDIACEAE (CHINESE-GOOSEBERRY FAMILY)**

Actinidia deliciosa • Kiwi, Chinese-gooseberry

Food • fruit

AGAVACEAE (AGAVE OR CENTURY PLANT FAMILY)

Agave atrovirens • Maguey, pulque

Agave cantala • Cantala, Manila maguey

Agave fourcroyodes • Henequen, Mexican sisal

Agave lecheguilla • Istle, lechiguilla, tula istle

Agave sisalina • Sisal

Agave tequilina • Mezcal

Agave zapupe • Zapupe

Agave spp. • Maguey

Cordyline terminale • Ti

Furcraea cabuya • Cabuya, Mauritius hemp

Furcraea foetida • Mauritius hemp

Furcraea hexapetala • Cuban hemp, pitre

Furcraea macrophylla • Figue

Hesperoyucca whipplei • Chaparral yucca

Nolina spp. • Zacate

Yucca baccata • Banana yucca

Yucca brevifolia • Joshua tree

Yucca funifera • Ixtle

Yucca glauca • Soapweed yucca

Yucca mohavensis • Mohave yucca

Yucca treculeana • Trecul yucca

Yucca spp. • Palma istle

Fiber • leaf; fermented beverage • sap
Fiber • leaf
Fiber • leaf
Fiber • leaf
Fiber • leaf
Distilled beverage • sap; fiber • leaf
Fiber • leaf
Fermented beverage • sap
Fiber • leaf
Fiber • leaf
Fiber • leaf
Fiber • leaf
Fiber • leaf
Fiber • leaf, Food • fruit
Fiber • leaf
Fiber • leaf; food • bud
Fiber • leaf
Fiber • leaf
Fiber • leaf
Fiber • leaf
Fiber • leaf
Fiber • leaf**AIZOACEAE (ICE-PLANT FAMILY)**

Carpobrotus edulis • Hottentot-fig

Sceletium tortuosum • Kanna, channa

Tetragonia inexpansa • New Zealand spinach

Medicine (anti-diarrhea) • stem; food • fruit
Reduce stress, relieve hunger • plant
Food • leaf**ALISMACEAE (ARROWHEAD FAMILY)**

Sagittaria latifolia • Arrowhead, wapato

Sagittaria sagittifolia • Arrowhead

Food • rhizome
Food • rhizome

AMARANTHACEAE (PIGWEEED FAMILY)

Amaranthus caudatus • Achita, jataco, Inca-wheat	Food • leaf, fruit
Amaranthus gangeticus • Tampala	Food • leaf
Amaranthus hypochondriachus • Prince's plume	Food • leaf, seed
Amaranthus tricolor • Chinese spinach, Joseph's coat	Food • leaf

ANACARDIACEAE (CASHEW FAMILY)

Anacardium occidentale • Cashew	Food • fruit, receptacle; timber; fixed oil • seed; dye
Buchanania lanzan • Chirauli nut, almondette	Food • seed
Cotinus coggygria • Venetian sumac	Dye • wood, tannin • leaf
Cotinus obovatus • Chittamwood	Dye • wood
Harphephyllum caffrum • Kaffir-plum	Food • fruit
Mangifera indica • Mango, mango powder (amchoor)	Food, flavoring • fruit
Melanorrhoea usitata • Burmese lacquer tree	Lacquer, timber
Metopium toxiferum • Poison wood	Medicine (purgative) • sap
Pistacia lentiscus • Mastic tree	Resin (mastic)
Pistacia vera • Pistachio, green almond	Food • fruit; fixed oil • seed
Poupartia birrea • Maroola-plum, marula nut, jelly-plum	Food; potent beer • fruit
Rhus coriaria • Sumac	Flavoring • fruit
Rhus verniciflua • Lacquer tree	Lacquer
Rhus spp. • Lemonade berry	Beverage • fruit
Schinopsis spp. • Quebracho	Tannins; wood
Schinus lorentzii • Quebracho	Tannins
Schinus molle • Pepper tree	Flavoring • fruit
Semecarpus anacardium • Marking nut	Black ink-dye ; medicine (anti-inflammatory) • fruit
Spondias cytherea • Golden-apple, Otaheite apple, ambarella	Food • fruit
Spondias mombin • Yellow mombin, hog-plum	Food • fruit
Spondias purpurea • Red mombin, Spanish-plum	Food • fruit

ANNONACEAE (SOUSOP FAMILY)

Annona x atemoya • Atemoya	Food • fruit
Annona cherimola • Cherimoya	Food • fruit
Annona glabra • Pond-apple	Food • fruit
Annona muricata • Guanabana, soursop	Food • fruit
Annona reticulata • Bullock's heart	Food • fruit
Annona squamosa • Sugar apple, sweetsop	Food • fruit
Asimina triloba • Pawpaw	Food • fruit
Cananga odorata • Ylang-ylang	Essential oil • flower

APOCYNACEAE (DOGBANE FAMILY)

Alstonia congensis • Pattern wood	Wood
Alstonia constricta • Bitter bark	Medicine • bark
Alstonia scholaris • Dita bark	Vermifuge; wood
Alstonia spatulata • marsh pulai	Wood
Apocynum cannabinum • Indian hemp	Fiber • stem; medicine (emetic, cardiac stimulant) • root
Apocynum venetum • Kendyr	fiber • stem
Asclepias curassavica • Tropical milkweed	Medicine (toothache, extraction) • latex
Asclepias spp. • Milkweed	Fiber • seed; latex
Calotropis gigantea • Madar, crown flower, giant milkweed	Food • leaf, fiber • bark
Carissa microcarpa • Natal-plum	Food • fruit
Catharanthus roseus • Periwinkle	Medicinal glycosides (vincristine, vinblastine) • leaf
Couma macrocarpa • Milk tree	Food; latex (chewing gum) • fruit
Cryptostegia grandiflora • Rubber vine	Latex
Cryptostegia spp. • Palay	Latex
Dyera costulata • Jelutong	Latex
Funtumia africana • False rubber tree	Latex

Funtumia elastica • Lagos silk rubber	Latex
Hancornia speciosa • Mangabeira rubber	Latex
Hoodia gordonii • Hoodia	Medicine (appetite suppressant; infections) • stem
Landolphia kirkii • Kirk's rubber vine	Latex
Landolphia spp. • Landolphia rubber	Latex
Urechites suberecta • Savanna flower	Medicine, arrow-poison (wooraia)
Plumeria spp. • Plumeria, frangipani	Essential oil
Rauvolfia serpentina • Indian snakeroot	Medicinal alkaloid (reserpine) • root
Strophanthus hispidus • Ouabin, kombe	Arrow poison • seed
Strophanthus kombe • Kombe	Arrow poison • seed
Strophanthus gratus • rose-allamanda	Arrow poison-medicine (ouabin) • sap
Thevetia spp. • Yellow-oleander	Fixed oil (exile oil) • seed; medicine (heart, hemorrhoids) • seed
Urechites suberecta • Savanna flower	Medicine, arrow-poison (wooraia) • seed
Willughbeia coriacea • Borneo rubber	Latex

APONOGETONACEAE (APONOGETON FAMILY)

Aponogeton dystachyon • Cape-asparagus	Food • sprouts
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AQUIFOLIACEAE (HOLLY FAMILY)

Ilex paraguariensis • Maté, yerba maté, Jesuit tea, Paraguay tea	Caffeinated beverage • leaf
Ilex vomitoria • Yaupon, cassine	Caffeinated beverage • leaf

ARACEAE (AROID OR PHILODENDRON FAMILY)

Acorus calamus • Calamus root, sweet flag	Flavoring • rhizome
Alocasia macrorrhiza • Giant taro	Food • rhizome
Amorphophallus campanulatus • Elephant yam	Food • tuber
Colocasia antiquorum • Taro	Food • rhizome
Colocasia esculenta • Dasheen	Food • rhizome
Cyrtosperma chamissonis • Giant swamp taro	Food • rhizome
Monstera deliciosa • Ceriman, Mexican breadfruit	Food • fruit
Philodendron spp. • Philodendron	Food • rhizome; fiber; medicine
Xanthosoma atrovirens • Yocoyam, tanier	Food • rhizome
Xanthosoma sagittifolium • Yautia	Food • rhizome

ARALIACEAE (GINSENG FAMILY)

Aralia cordata • Udo	Food • leaf
Eleutherococcus senticosus • Siberian ginseng	Medicine (tonic) • root
Oplopanax horridus • Devil's club	Medicine (various) • roots, inner bark, berries
Panax ginseng • Ginseng	Medicine • root
Panax quinquefolium • American ginseng	Medicine • root
Tetrapanax papyriferum • Rice paper plant	Fiber • pith

ARISTOLOCHIACEAE (BIRTHWORT FAMILY)

Aristolochia spp. • Birthwort	Medicine (menstruation, abortifacient) • root, rhizome
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BASELLACEAE (BASELLA FAMILY)

Basella alba • Malabar-spinach, creeping-spinach	Food • leaf
Ullucus tuberosus • Ullucu	Food • tuber

BATIDACEAE (SALTWORT FAMILY)

Batis spp. • Saltwort	Food • leaf
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BERBERIDACEAE (BARBERRY FAMILY)

Berberis vulgaris • Barberry	Food • fruit
Podophyllum emodi • Indian podophyllum, Himalayan mayapple	Medicine (podophyllin) • rhizome
Podophyllum peltatum • American mandrake or mayapple	Medicine (podophyllin) • rhizome

BETULACEAE (BIRCH FAMILY)

<i>Alnus glutinosa</i> • Black alder	Wood (Stradivarius violin), tannin, medicine
<i>Alnus oregana</i> • Red alder	Wood (canoes)
<i>Alnus rubra</i> • Alder	Wood
<i>Betula allaghaniensis</i> • Yellow birch	Timber
<i>Betula lenta</i> • Cherry birch	Timber, flavoring and medicine (oil of sweet birch)
<i>Betula papyrifera</i> • Paper birch	Timber
<i>Betula pendula</i> • European birch	Timber
<i>Carpinus caroliniana</i> • Blue beech	Timber
<i>Corylus americana</i> • American hazelnut	Food • fruit
<i>Corylus avellana</i> • European hazelnut	Food • fruit
<i>Corylus chinensis</i> • Chinese filbert	Food • fruit
<i>Corylus cornuta</i> • Beaked hazelnut	Food • fruit
<i>Ostrya</i> spp. • Hop hornbeam, ironwood	Timber

BIGNONIACEAE (BIGNONIA FAMILY)

<i>Catalpa bignonioides</i> • Indian-bean, catalpa	Timber
<i>Catalpa speciosa</i> • Indian-bean, catalpa	Timber
<i>Crescentia cujete</i> • Calabash tree	Utensils • fruit; timber
<i>Kigelia pinnata</i> • Sausage tree	(Medicine (lesions)) • bark
<i>Tabebuia donnell-smithii</i> • Primavera, West Indian boxwood, roble blanco	Timber

BIXACEAE (BIXA FAMILY)

<i>Bixa orellana</i> • Annatto, urucú, achiote	Food coloring, body paint • pulp around seed
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BOMBACACEAE (BOMBAX FAMILY)

<i>Adansonia digitata</i> • Baobab	
<i>Bombax ceiba</i> • Red silk cotton	Fiber • fruit wall
<i>Ceiba pentandra</i> • Kapok, pochote	Fiber • fruit wall; fixed oil • seed
<i>Chorisia speciosa</i> • Palo boracho	Fiber • fruit wall
<i>Durio zibethinus</i> • Durian	Food • fruit
<i>Ochroma pyramindale</i> • Balsa wood	Specialty wood items

BORAGINACEAE (BORAGE FAMILY)

<i>Alkanna lehmannii</i> • Alkanna, alkanet	Dye • root
<i>Pulmonaria officinalis</i> • Lungwort	Medicine (respiratory) • leaf
<i>Symphytum officinale</i> • Comfrey	Medicine • leaf

BROMELIACEAE (BROMELIAD OR PINEAPPLE FAMILY)

<i>Aechmea magdalanae</i> • Pita floja, ixtle	Fiber • leaf
<i>Ananas comosus</i> • Pineapple	Food • fruit; proteolytic enzyme (bromelin); fibers (piña cloth) • leaf
<i>Tillandsia usneoides</i> • Spanish-moss	Fibers (stuffing) • all

BURSERACEAE (BURSERA FAMILY)

<i>Boswellia carteri</i> • Frankincense, olibanum	Medicine • sap
<i>Bursera simaruba</i> • gumbo-limbo, tourist tree	Glue, resin, varnish, incense • wood
<i>Canarium</i> spp. • Pili nut, damar	Food • seed, resins
<i>Commiphora gileadensis</i> • Balm-of-Gilead	Medicine, incense • sap from stem wounds
<i>Commiphora myrrha</i> • Myrrh	Medicinal , incense (myrrh) • sap from stem wounds

CACTACEAE (CACTUS FAMILY)

<i>Carnegia gigantea</i> • Saguaro	Food • fruit, seed
<i>Coryphanthus palmeri</i> • Huevos de coyote, falscher peyote	Psychoactive • stem
<i>Echinopsis pachanoi</i> • San Pedro cactus	Psychoactive alkaloids (mescaline) • stem
<i>Hylocereus undatus</i> • Dragon fruit, pitahaya	Food • fruit
<i>Lophophora williamsii</i> • Peyote, peyotl cactus	Psychoactive alkaloids (mescaline, etc.) • stem

Opuntia ficus-indica • Prickly pear, tuna, nopal	Food • fruit
Stenocereus stellatus • Pityayo	Food • fruit
CAMPANULACEAE (BLUEBELL FAMILY)	
Lobelia inflata • Indian tobacco	Fumatory • leaf; medicine (emetic) • leaf
Lobelia tupa • Tupa	Psychoactive • seed
CANNABACEAE (MARIJUANA FAMILY)	
Cannabis sativa • Hemp	Fiber • stem
Cannabis sativa • Marijuana	Fixed oil, food, medicine • seed
Cannabis sativa • Marijuana	Psychoactive terpenoids • leaf, flower buds
Humulus lupulus • Hops	Flavoring beer • floral bracts
CANNACEAE (CANNA FAMILY)	
Canna edulis • Queensland arrowroot, achira	Edible starch • rhizome
CAPPARACEAE (CAPER FAMILY)	
Capparis spinosa • Caper bush	Flavoring • flower buds
CAPRIFOLIACEAE (HONEYSUCKLE FAMILY)	
Sambucus spp. • Elderberry	Beverage • fruit
CARICACEAE (PAPAYA FAMILY)	
Carica papaya • Papaya, pawpaw, mamao	Food • fruit; medicine, meat tenderizer (papain) • sap
Carica x heilbornii var. pentagona • Babaco, mountain papaya	Food • fruit
Vasconcellea pubescens • Mountain paw paw	Food (also rich in papain) • fruit
CARYOCARACEAE	
Caryocarya amygdaliferum • Mani, swarri nut	Food • fruit
CARYOPHYLLACEAE (CARYOCAR FAMILY)	
Dianthus spp. • Carnation	Essential oil • flower
Saponaria officinalis • Soapwort	Soap-making • root; medicine (laxative) • root
CASUARINACEAE (BEEFWOOD FAMILY)	
Casuarina equisetifolia • Beefwood	Wood
CELASTRACEAE (BITTERSWEET FAMILY)	
Catha edulis • Khat, qat	Caffeinated beverage • leaf
CERCIDOPHYLLACEAE (KATSURA TREE FAMILY)	
Cercidiphyllum japonicum • Katsura	Timber
CHENOPODIACEAE (GOOSEFOOT FAMILY)	
Atriplex spp. • Saltbush, orach	Food • leaf
Beta vulgaris var. cicla • Chard, Swiss chard	Food • leaf
Beta vulgaris var. vulgaris • Beet, sugar beet, mangel	Food, sugar • taproot
Chenopodium ambrosioides • Epazote, Mexican tea	Essential oil (wormseed) • leaf, fruit
Chenopodium anthelminthicum • Wormseed	Medicine (intestinal worms) • leaves, seeds
Chenopodium quinoa • Quinoa	Food • fruit
Kochia scoparia • Summer cypress	Food • shoots
Salicornia spp. • Glasswort, samphire	Food • stem, leaf
Spinacia oleracea • Spinach	Food • leaf
CHRYSOBALANACEAE (COCO-PLUM FAMILY)	
Chrysobalanus icaco • Coco-plum	Food • fruit; oil • seed

CISTACEAE (ROCKROSE FAMILY)

Cistus ladaniferus • Rockrose

Essential oil (labdanum) • leaf, twig

COCHLOSPERMACEAE (BUTTERCUP TREE FAMILY)

Cochlospermum religiosum • White silk cotton

Gum (karaya); stuffing materials • fruit

COMBRETACEAE (WHITE MANGROVE FAMILY)

Anogeissus latifolia • Gum ghatti

Industrial gum • stem; dye (black) • leaf; timber

Terminalia chebula • Myrobalan

Tannin • root, bark

Terminalia catappa • Indian-almond, sea-almond

Food • fruit; oil • seed

Terminalia superba • Afara

Timber

Terminalia spp. • Myrobalan, terminalia

Food • fruit

COMPOSITAE (ASTER, DAISY OR SUNFLOWER FAMILY)

Acmella oleracea • Toothache plant, paracress

Medicine (analgesic) • leaf, flower

Anthemis cotula • Mayweed

Medicine (antispasmodic, fevers, treat insect bites); insecticide • plant

Anthemis nobilis • Chamomile

Essential oil • flower

Arctium lappa • Gobo

Food • root, leaf

Artemisia absinthium • Wormwood

Essential oil (absinthe) • leaf

Artemisia dracunculus • Tarragon

Flavoring • leaf; medicine (diuretic, vermifuge) • leaf

Carthamus tinctorius • Safflower

Fixed oil • seed; dye • flower

Chrysanthemum cinerariifolium • Dalmatian insect flower

Insecticide (pyrethrum) • flower

Chrysothamnus spp. • Chrysil rubber

Latex

Cichorium endivia • Endive

Food • leaf

Cichorium intybus • Chicory

Coffee substitute and flavoring

Cota tinctoria • Dyer's chamomile

Yellow dye • flower

Cynara cardunculus • Cardoon

Food • root, leaf

Cynara scolymus • Artichoke

Food • flower cluster

Eupatorium solidaginifolium • Pihol

Tobacco substitute • leaf

Guizotia abyssinica • Niger-seed

Oil • fruit

Helianthus annuus • Sunflower

Food • seed; fixed oil • seed

Helianthus tuberosus • Jerusalem artichoke

Food • tuber

Inula helenium • Elecampane

Flavoring, medicine (respiratory) • root; dye (blue) • root

Lactuca sativa • Lettuce

Food • leaf

Lactuca scariola • Winter lettuce

Food • leaf

Matricaria spp. • Chamomile, pineapple weed

Medicinal tea; insecticide • leaf

Parthenium argentatum • Guayule

Latex

Scorzonera hispanica • Black oyster plant

Food • root

Silybum marianum • Milk thistle, holy thistle

Food • stem, leaf; medicine (hepatitis) • seed

Solidago spp. • Goldenrod

Latex

Stevia rebaudiana • Sweet herb, sweet leaf

Sweetening agent (stevioside) • leaf

Tanacetum parthenium • Feverfew

Medicine (many ailments, esp. migraine) • inflorescence

Tanacetum vulgare • Tansy

Medicine (tanacetin) • leaf, flower clusters

Taraxacum kok-saghyz • Russian dandelion

Latex

Taraxacum officinale • Dandelion

Food • leaf

Tragopogon porrifolius • Salsify, oyster plant

Food • root

CONVOLVULACEAE (MORNING GLORY FAMILY)

Convolvulus scammonia • Scammony

Medicine (purgative) • seed

Dichondra spp. • Dichondra

Lawn grass substitute

Ipomoea aquatica • Water-spinach

Food • leaf, shoots

Ipomoea batatas • Sweet potato, yam

Food • tuber

Ipomoea orizabensis • Scammony root

Medicine (purgative) • tuber

Ipomoea pandurata • Indian-potato

Food • tuber

Ipomoea pes-caprae • Beach morning glory

Food • root; medicine (cathartic) • seed

Ipomoea purga • Jalap

Medicine (purgative) • root

Ipomoea tricolor • Heavenly blue morning glory, tiltilizin
Rivea corymbosa • Ololiuqui

Psychoactive • seed
Psychoactive • seed

CORIARIACEAE (CORIARIA FAMILY)

Coriaria myrtifolia • Shanshi

Psychoactive • fruit; fly-poison

CORNACEAE (DOGWOOD FAMILY)

Camptotheca acuminata • cancer tree
Cornus mas • Cornelian-cherry
Nyssa aquatica • Tupelo
Nyssa sylvatica • Sour gum, black gum

Medicine (leukemia, throat cancer) • wood, bark, fruit
Medicine (gastrointestinal) • flower, bark; food • fruit
Timber
Timber

CRUCIFERAE (MUSTARD FAMILY)

Armoracia lapathifolia • Horse-radish
Barbarea verna • Spring cress
Brassica chinensis • Chinese cabbage, pak choi
Brassica juncea • Brown mustard, mustard greens
Brassica napus • Rape, rutabaga, swede
Brassica nigra • Black mustard
Brassica oleracea var. acephala • Kale, collards
Brassica oleracea var. botrytis • Broccoli, cauliflower
Brassica oleracea var. capitata • Cabbage
Brassica oleracea var. gemmifera • Brussels sprouts
Brassica oleracea var. gongyloides • Kohlrabi
Brassica rapa • Turnip, pak choi
Camelina sativa • False flax
Crambe maritima • Sea kale
Eruca vesicaria • Garden rocket
Eruca sativa • Arugula
Eutrema wasabi • Wasabi, Japanese horseradish
Isatis tinctoria • Woad
Lepidium meyenii • Maca
Lepidium sativum • Garden cress
Nasturtium officinale • Water cress
Raphanus sativus • Radish
Sinapis alba • White mustard

Flavoring • root
Food • leaf
Food • leaf
Flavoring • seed
Food • stem
Essential oil • seed; fixed oil (Canola oil) • seed
Food • leaf
Food • flower cluster
Food • leaf
Food • bud
Food • root, stem
Food • root, stem
Fiber
Food • petiole
Food • leaf, fixed oil • seed
Food • leaf
Essential oil • root
Dye and body paint • leaf
Food • leaf
Food • leaf
Food • leaf
Food • root
Flavoring • seed

CUCURBITACEAE (SQUASH OR GOURD FAMILY)

Benincasa hispida • Wax gourd
Citrullus colocynthis • Colocynth, bitter-apple
Citrullus lanatus • Watermelon
Cucumis anguria • Gherkin
Cucumis melo • Musk melon, cantaloupe, honeydew, casaba
Cucumis metalicerus • Horned melon, kiwano
Cucumis sativus • Cucumber
Cucurbita filicifolia • fig-leaf gourd, chilacayote
Cucurbita maxima • Winter squash, pumpkin, marrow
Cucurbita moschata • Squash, cushaw, calabaza
Cucurbita pepo • Marrow, pumpkin, summer squash, zucchini
Ecballium elaterium • Squirting cucumber
Lagenaria siceraria • Bottle gourd
Luffa aegyptiaca • Luffa, vegetable sponge
Marah spp. • Man root, wild cucumber
Momordica charantia • Balsam pear
Sechium edule • Chayote
Sicana odorifera • Cassabanana, musk cucumber

Food • fruit
Medicine (purgative) • fruit
Food • fruit
Food • fruit
Food • fruit
Food • fruit
Food • fruit
Food • shoot, leaf, flower, fruit, seed
Food • fruit, seed
Food • fruit
Food • fruit
Medicine • fruit
Utensils, ornamental gourds • fruit
clean skin • fruit
Dye • seed
Food, medicine • fruit
Food • fruit
Food, jams • fruit

Trichosanthes spp. • Snake gourds	Food • fruit
CYCLANTHACEAE (PANAMA HAT FAMILY)	
Carludovica palmata • Panama hat palm, paja toquilla	Fibers (hat making) • leaf
CYPERACEAE (SEDGE FAMILY)	
Cyperus esculentus • Tiger nut	Food • fruit
Cyperus papyrus • Papyrus	Fiber • pith
Eleocharis dulcis • Water-chestnut	Food • corm
Fimbristylis umbellaris • Tikus	Fiber (weaving) • stem
Scirpus californicus • Tortora reed	Fiber (boat-making) • stem
DILLENIAACEAE (DILLENIA FAMILY)	
Dillenia indica • Hondpara	Food • fruit
DIOSCOREACEAE (YAM FAMILY)	
Dioscorea alata • Greater Asiatic yam, white yam	Food; medicine (cortical steroids) • tuber
Dioscorea batatas • Chinese yam, Chinese-potato	Food • tuber
Dioscorea bulbifera • Air-potato	Food • tuber
Dioscorea cayenensis • Yellow Guinea yam	Food • tuber
Dioscorea esculenta • Chinese yam, potato-yam	Food • tuber
Dioscorea hispida • Nami	Food • tuber
Dioscorea rotundata • White Guinea yam	Food • tuber
Dioscorea trifida • Cush-cush yam, yampee, yampi	Food • tuber
Dioscorea villosa • Yam	Medicine (diosgenin) • tuber
DIPSACACEAE (TEASEL FAMILY)	
Dipsacus sylvestris • Fuller's teasel	Raise nap on cloth • fruit
DIPTEROCARPACEAE (DIPTEROCARP FAMILY)	
Dipterocarpus spp. • Dipterocarps	Timber; resins • stem
Dipterocarpus tuberculatus • Eng tree	Fixed oil • seed
Hopea spp. • Kambakam	Resin (dammar); timber
Shorea spp. • Borneo tallow, sal, damar	Timber
EBENACEAE (EBONY FAMILY)	
Diospyros digyna • Black persimmon, black sapote, chocolate pudding fruit	Food • fruit
Diospyros discolor • Velvet apple	Food • fruit
Diospyros ebenum • Ceylon ebony	Timber
Diospyros kaki • Japanese persimmon, kaki	Food • fruit
Diospyros marmorata • Zebra wood	Timber
Diospyros mollis • Makua	Dye (black) • fruit
Diospyros virginiana • Persimmon	Food • fruit
Fraxinus quadrangulata • Blue ash	Dye • leaf, twig
ELAEAGNACEAE (ELEAGNUS FAMILY)	
Hippophae rhamnoides • Sea-buckthorn	Food • fruit; beverage • leaf
Shepherdia argentea • Buffalo berry	Dye • fruit; food • fruit
ERICACEAE (HEATH FAMILY)	
Arbutus menziesii • Madrone, madroño	Wood products; dye • bark
Arbutus unedo • Strawberry tree	Food • fruit
Arctostaphylos uva-ursi • Bearberry	Dye • leaf
Empetrum nigrum • Crowberry	Food, dye • fruit
Gaultheria hispida • Creeping snowberry	Food • fruit; beverage • leaf
Gaultheria procumbens • Wintergreen	Essential oil; medicine (methyl salicylate) • leaf

Gaylussacia baccata • Huckleberry	Food • fruit
Kalmia latifolia • Mountain-laurel	Medicine • leaf; toxin (suicide) • leaf
Ledum glandulosum • Labrador tea	Beverage • leaf
Vaccinium corymbosum • highbush blueberry	Food • fruit
Vaccinium macrocarpon • American cranberry	Food • fruit
Vaccinium myrtillus • Bilberry, whortleberry	Food • fruit
Vaccinium oxycoccus • European cranberry	Food • fruit
Vaccinium vitis-idaea • Lingon berry, patridgeberry, cowberry	Food • fruit
Vaccinium spp. • Blueberry, cowberry, huckleberry	Food • fruit

ERYTHROXYLACEAE (COCA FAMILY)

Erythroxylum coca • Coca	Psychoactive, medicinal alkaloid (cocaine) • leaf
Erythroxylum novogranatense • Columbian coca	Psychoactive alkaloid (cocaine) • leaf

EUPHORBIACEAE (SPURGE OR EUPHORB FAMILY)

Aleurites fordii • Tung-oil, tung-nut tree	Fixed oil • seed
Aleurites moluccana • Candlenut tree	Fixed oil • seed; ornamental (necklaces) • seed
Antidesma bunius • Bignay, Chinese laurel	Food • fruit
Cnidocolus aconitifolius • Chaya	Food • leaf
Cnidocolus elasticus • Chilte rubber	Latex • all
Croton lechleri • dragon's blood	Anti-dirrheal medicine • latex
Croton tiglium • Croton	Fixed oil • seed; fish poison
Cryptostegia madagascariensis • Madagascar rubber vine	Latex (palay rubber)
Euphorbia antisiphilitica • Candellila wax	Latex (polishes, insulation, candles)
Euphorbia intisy • Intisy	Latex
Flueggea virosa • Chinese waterberry	Food • fruit
Hevea brasiliensis • Pará rubber	Latex, illuminant
Hippomane mancinella • Manchineel tree	Arrow, dart poison • seed
Hura crepitans • Sandbox tree, huru	Arrow, dart poison • seed
Jatropha spp. • Physic nut, purge nut, Barbados nut	Fixed oil, medicine, food • seed
Manihot esculenta • Cassava, manioc, yuca, tapioca	Food • tuber; latex
Manihot glaziovii • Ceara rubber	Latex
Micrandra spp. • Caura rubber	Latex
Phyllanthus acidus • Otaheite gooseberry, emblic	Food • fruit
Ricinus communis • Castor oil	Fixed oil (industrial, medicinal) • seed
Sapium sebiferum • Chinese tallow tree	Medicine; fish poison • stem
Sapium sebiferum • Chinese tallow tree	arrow poison • sap
Sapium sebiferum • Chinese tallow tree	Mexican jumping beans • seed
Schinziophyton rautanenii • Mongongo nut, manketti nut	Food • fruit

FAGACEAE (OAK OR BEECH FAMILY)

Castanea crenata • Japanese chestnut	Food • fruit
Castanea dentata • American chestnut	Food • fruit
Castanea mollissima • Chinese chestnut	Food • fruit
Castanea pumila • Chinquapin	Food • fruit
Castanea sativa • European chestnut	Food • fruit
Chrysolepis spp. • Chinquapin	Timber; Food • fruit
Fagus crenata • Japanese beech	Timber
Fagus grandifolia • American beech	Food • fruit
Fagus sylvatica • European beech, beechnut	Food • fruit
Nothofagus spp. • Southern hemisphere beech	Timber
Notholithocarpus densiflorus • Tanoak	Timber; tannin • bark
Quercus suber • Cork oak	Cork • bark
Quercus spp. • Acorn, oak	Timber; Food • fruit; tannin • bark, galls

FLACOURTIACEAE

Dovyalis hebecarpa • Ceylon-gooseberry	Food • fruit
Flacourtia indica • Governor's plum	Food • fruit
Flacourtia inermis • Lovi-lovi	Food • fruit
Gossypiospermum praecox • Venezuelan boxwood, zapatero	Wood
Hydnocarpus kurzii • Chaulmoogra tree	Medicinal oil (leprosy) • seed

GENTIANACEAE (GENTIAN FAMILY)

Gentiana lutea • Yellow gentian	Medicine (tonic), flavoring • root
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GERANIACEAE (GERANIUM FAMILY)

Pelargonium odoratissimum • Rose geranium	Essential oil • leaf
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GOMORTEGACEAE

Gomortega keule • Keule	Psychoactive • fruit
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GRAMINEAE (GRASS FAMILY)

Andropogon virginicus • Broomsedge	Dye • leaf
Anthoxanthum odoratum • Sweet vernal grass	Scent • leaf
Arundinaria spp. • Cane, switchcane	Fishing poles • stem, food • fruit
Arundo donax • Reed grass	Reeds for musical instruments • stem pith
Avena spp. • Oats	Food • fruit
Bambusa spp. • Bamboo	Building material • stem; food • young shoots
Brachiaria spp. • Browntop	Food • fruit
Coix lacryma-jobi • Job's tears, adlay	Food • fruit
Cymbopogon citratus • Lemon grass	Flavoring • lower shoots; essential oil • leaf
Cymbopogon martinii • Lemon grass	Essential oil • leaf
Cymbopogon nardus • Citronella	Essential oil • leaf
Cynodon dactylon • Bermuda grass	Lawn grass, forage
Dendrocalamus spp. • Bamboo	Building material, chop sticks • stem; food • fruit
Digitaria spp. • Crabgrass, fonio	Food • fruit
Echinochloa spp. • Millet	Food • fruit
Eleusine coracana • African millet, finger millet, ragi	Food • fruit
Eragrostis tef • Teff	Food • fruit
Gigantochloa spp. • Bamboo	Building material • stem
Glyceria spp. • Manna grass	Food • fruit
Guadua angustifolia • Bamboo	Building material • stem
Gynerium sagittatum • Uva grass, wild cane	Building material • stem, weaving • leaf
Hordeum vulgare • Barley	Food • fruit; flavoring (malt) • fruit
Muhlenbergia macroura • Zacaton	Fiber • leaf
Muhlenbergia rigens • Deer grass	Fiber • leaf
Oryza glaberrima • African rice, red rice	Food • fruit
Oryza sativa • Rice	Food • fruit
Panicum miliaceum • Proso millet	Food • fruit
Pennisetum glaucum • Pearl millet	Food • fruit
Phragmites australis • Common reed	Food (sugar); fiber • stem
Phyllostachys spp. • Fish pole bamboo	Fishing poles, walking sticks • stem
Phyllostachys spp. • Bamboo	Building material • stem; food • shoots
Saccharum officinarum • Sugar cane	Sugar • stem
Secale cereale • Rye	Food • fruit
Setaria spp. • Foxtail millet	Food • fruit
Sorghum bicolor • Sorghum, milo, broomcorn	Silage • leaf; food • fruits; brooms • inflorescences
Stipa tenacissima • Esparto grass	Fiber • leaf
X Triticosecale • Triticale	Food • fruit
Triticum aestivum • Common wheat, bread wheat	Food • fruit
Triticum durum • Durum wheat, macaroni wheat	Food • fruit

Vetiveria zizanioides • Khus-khus, vetiver
Zea mays • Maize, corn, teosinte
Zizania palustris • Wild-rice

Essential oil • rhizome
Food; starch; oil • fruit
Food • fruit

GROSSULARIACEAE (GOOSEBERRY FAMILY)

Ribes nigrum • Black currant
Ribes rubrum • Red currant
Ribes uva-crispa • European gooseberry
Ribes spp. • Gooseberry, currant

Food; flavoring • fruit
Food; flavoring • fruit
Food • fruit
Food • fruit

HAMAMELIDACEAE (WITCH HAZEL FAMILY)

Hamamelis virginiana • Witch hazel
Liquidambar orientalis • Sytrax
Liquiambar styraciflua • Sweet gum
Loropetalum chinese • Razzelberri

Medicine; essential oil • stem
Gum (Levant storax) • stem
Timber, medicine • stem; gum (American storax) • stem
Food • fruit

HIMANTANDRACEAE

Galbulimima belgraveana • Agara

Psychoactive (snuff) • leaf

HIPPOCASTANACEAE (BUCKEYE FAMILY)

Aesculus arguta • Western buckeye
Aesculus californica • California buckeye, horse-chestnut
Aesculus flava • Yellow buckeye
Aesculus hippocastanum • Horse-chestnut
Aesculus pavia • Red buckeye

Fish poison • seed
Food • seed, fish poisons • seed, stem
Timber
Timber; medicine (cardiovascular) • seed
Fish poison • seed

HYPERICACEAE (ST. JOHN'S WORT FAMILY)

Calophyllum inophyllum • Indian laurel, laurel wood
Calophyllum inophyllum • Indian laurel, laurel wood
Garcinia livingstonei • Imbé
Garcinia xanthochymus • Gamboge tree
Garcinia mangostana • Mangosteen
Hypericum perforatum • St. John's wort
Mammea americana • Mammee-apple

Fixed oil (domba oil) • medicine
illuminant • seed; wood
Food • fruit
Dye • sap
Food • fruit
Treat depression, abortifacient • leaf, root
Food • fruit

ILLICIACEAE (STAR-ANISE FAMILY)

Illicium floridanum • Florida-anise, purple-anise
Illicium parviflorum • Yellow star-anise
Illicium verum • Star-anise, Chinese star-anise

Essential oil • fruit, seed
Essential oil • fruit, seed
Essential oil • fruit, seed

IRIDACEAE (IRIS FAMILY)

Crocus sativus • Saffron
Iris florentina • Orris root

Essential oil • stigma, style
Essential oil • rhizome

JUGLANDACEAE (WALNUT FAMILY)

Carya illinoensis • Pecan
Carya spp. • Hickory, pignut, mockernut
Juglans ailanthifolia • Japanese walnut
Juglans cinerea • Butternut
Juglans nigra • Black walnut
Juglans regia • English walnut

Food • fruit
Food • fruit
Food • fruit
Food • fruit; dye • bark, husk
Food • fruit; dye • bark, husk
Food • fruit; fixed oil • seed

JUNCACEAE (RUSH FAMILY)

Juncus bufonius • Toad rush
Juncus effusus • Rush

Fiber • stem
Fiber • stem

LABIATAE (MINT FAMILY)

Coleus blumei • Coleus	Psychoactive • leaf
Hedeoma pulegioides • Pennyroyal	Medicine • leaf
Hyptis suaveolens • Chia, wild spikenard	Beverage; novelty items • seed
Hyssopus officinalis • Hyssop	Essential oil, medicine • leaf
Lavandula officinalis • Lavender	Essential oil • flower
Lavandula stoechas • French lavender	Essential oil • leaf
Marrubium vulgare • Horehound	Essential oil; medicine • leaf
Melissa officinalis • Balm	Essential oil; medicine • leaf
Mentha piperita • Peppermint	Essential oil • leaf
Mentha pulegium • Pennyroyal	Essential oil • leaf
Mentha spicata • Spearmint	Essential oil • leaf
Monarda spp. • Oswego tea, horsemint	Essential oil (flavoring, medicine) • leaf
Nepeta cataria • Catnip	Essential oil • leaf
Ocimum basilicum • Basil	Essential oil • leaf
Origanum majorana • Marjoram	Essential oil • leaf
Origanum vulgare • Pot marjoram, oregano	Essential oil • leaf
Perilla frutescens • Perilla	Essential oil • leaf
Pogostemon cablin • Patchouli	Essential oil • leaf
Prunella vulgaris • Self-heal	Medicine • leaf
Rosmarinus officinalis • Rosemary	Essential oil • leaf, flower
Salvia columbariae • Chia, chan	Beverage, toys • seed
Salvia divinorum • Hierba de la pastora, hierba de la virgen	Psychoactive • leaf
Salvia officinalis • Sage	Essential oil • leaf
Salvia sclarea • Clary	Essential oil • leaf
Satureja hortensis • Savory	Essential oil • leaf
Stachys palustris • Marsh woodwort	Food • tuber; medicine • leaf
Stachys officinalis • Betony	Medicine • leaf
Thymus vulgaris • Thyme	Essential oil (flavoring) • leaf

LARDIZABALACEAE

Lardizabala biternata • Zabala fruit	Food • fruit
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LAURACEAE (LAUREL FAMILY)

Aniba rosquedora • Rosewood	Essential oil • wood
Cinnamomum camphora • Camphor	Essential oil (medicine) • wood
Cinnamomum cassia • Cassia	Essential oil • bark, bud
Cinnamomum verum • Cinnamon	Essential oil • bark
Laurus nobilis • Laurel	Essential oil • leaf
Ocotea rodioei • Greenheart	Timber
Persea americana • Aguacate, avocado, alligator pear	Food • fruit
Sassafras albidum • Sassafras	Essential oil • leaf
Umbellularia californica • California laurel, pepperwood	Essential oil • leaf

LECYTHIDACEAE (BRAZIL NUT FAMILY)

Barringtonia excelsa • Fish-poison tree	Fish poison; medicine • fruit
Bertholletia excelsa • Brazil nut	Food • seed; fixed oil • seed
Lecythis minor • Coco de mono	Food • seed
Lecythis ollaria • Monkey pod, monkey pot	Food • seed
Lecythis usitata • Monkey nut	Food • seed
Lecythis spp. • Paradise nut	Food • seed

LEGUMINOSAE (LEGUME, BEAN, OR PEA FAMILY)

Acacia catechu • Catechu, black cutch	Industrial gum; tannin; dye • wood
Acacia koa • Koa	Timber
Acacia senegal • Gum arabic	Industrial gum • wood

Acacia spp. • Wattle	Timber
Aeschynomene spp. • Shola, sola	Fiber (pith helmets) • stem pith
Albizia saman • Rain tree	Timber
Amphicarpaea bracteata • Talet bean	Food • seed
Anadenanthera colubrina • Huilca, vilca	Psychoactive • seed
Anadenanthera peregrina • Cohoba, nopo, parica, yopo	Psychoactive • seed
Apios americana • American potato bean	Food • tuber
Arachis hypogaea • Goober, ground nut, peanut	Food; fixed oil • seed
Aspalanthus contaminatus • Rooibos	Beverage • leaf
Astragalus gummifer • Gum tragacanth	Industrial gum; medicine (constipation); cosmetics • bark
Azizia spp. • Afzizia, Malacca-teak	Timber; charms • seed
Baphia nitida • Barwood, camwood	Dye • wood
Caesalpinia coriaria • Divi-divi	Tannin • fruit
Caesalpinia echinata • Brazil wood	Wood, dye • wood
Caesalpinia sappan • Sappan wood	Dye • wood
Cajanus cajan • Pigeon pea, Cajan pea	Food • seed
Canavalia ensiformis • Jack bean, horse bean	Food • seed
Canavalia gladiata • Sword bean	Food • seed
Cardeauxia edulis • Yeheb nut	Food • seed; purple dye • seed
Cassia angustifolia • Indian senna	Dye, medicine • leaf
Cassia fistula • Purging cassia	Medicine (laxative) • seed
Cassia occidentalis • Coffee weed	Medicine, coffee substitute • seed
Ceratonia siliqua • Carob, St • John's bread	Gum, food • pulp around seed
Cicer arietinum • Chick pea, garbanzo bean	Food • seed
Copaifera officinalis • Copaiba balsam	Resin (medicine, industry) • stem
Copaifera spp. • Copal	Resin (medicine, industry) • stem
Crotalaria juncea • Sunn hemp	Fiber • stem
Cyamopsis tetragonolobus • Guar gum	Industrial gum (cosmetic, industrial) • seed
Dalbergia nigra • Brazilian rosewood	Wood
Dalbergia decipularis • Brazilian tulipwood	Wood
Dalbergia melanoxylon • African blackwood	Wood
Dalbergia retusa • Cocobolo	Wood
Dalbergia sisso • Sisso, sheesham	Wood
Dalbergia stevensonii • Honduras rosewood	Wood
Derris spp. • Tuba, derris	Fish poison (rotenone) • root
Dipteryx odorata • Tonka bean	Flavoring (tobacco, snuff) • seed
Dipteryx oleifera • Ebor, eboe	Flavoring (tobacco, snuff) • seed
Entada spp. • Sea bean	Abortifacient, fish poison • seed
Genista tinctoria • Greenwood	Dye • plant
Gleditsia triacanthos • Honey locust	Food, drink • seed, pulp
Glycine max • Soybean	Food • seed, fruit, industrial oil • seed
Glycyrrhiza glabra • Licorice	Flavoring • rhizome, root
Gymnocladus dioica • Kentucky coffee bean tree	Timber; coffee substitute • seed
Haematoxylon campechianum • Logwood	Dye (medical, scientific applications) • wood
Indigofera tinctoria • Indigo	Dye • stem, leaf
Inga edulis • Ice cream bean	Food • fruit
Inocarpus fagifer • Polynesianchestnut, Tahiti-chestnut	Food • seed
Lablab purpureus • Hyacinth bean, lablab bean, bonavist bean	Food • seed
Lens culinaris • Lentil	Food • seed
Lonchocarpus spp. • Barasco, cubé, timbo	Arrow, dart poisons • root
Lonchocarpus violaceus • Balché	Ceremonial wine • bark
Microberlinia brazzavillensis • Zebrano, zebra wood	Wood
Melilotus spp. • Sweet clover	Medicine (coumarins) • stem, leaf
Milletia laurentii • Wenge	Wood
Milletia stuhlmanii • Panga-panga	Timber
Mimosa hostilis • Jurema	Psychoactive • root

Mucuna spp. • Velvet bean	Food • seed; medicine • seed; fish poison; dye • bark, leaf
Myroxylon balsamum • Balsam of Tolu	Resin • stem
Myroxylon pereirae • Balsam of Peru	Medicinal resin • stem wound
Pachyrrhizus spp. • Yam bean, jicama	Food • tuber
Parkia filcoidea • Locust bean	Food • seed
Pericopsis spp. • False dalbergia	Timber
Phaseolus acutifolius • Tepary bean	Food • seed
Phaseolus aureus • Mung bean	Food • seed
Phaseolus coccineus • Scarlet runner bean	Food • seed
Phaseolus limensis • Lima bean	Food • seed
Phaseolus lunatus • Butter bean, sieva bean, sugar bean	Food • seed
Phaseolus vulgaris • most of our commonly consumed beans	Food • seed, fruit
Physostigma venenosum • Calabar bean	Ordeal poison, medicinal • seed
Piscidia piscipula • Fish poison tree	Fish poison • bark, root
Pisum sativum • English pea, garden pea	Food • seed
Pithecellobium saman • Saman, rain tree	Food • seed; wood
Pongamia pinnata • Pongam	Essential oil; medicine • seed
Prosopis glandulosa • Mesquite, algaroba	Wood
Psophocarpus tetragonolobus • Asparagus pea, Goa bean, winged bean	Food • seed, tuber
Pterocarpus spp. • Barwood, rosewood, sandalwood	Wood
Pueraria montana • Kudzu	Erosion control • plant; medicine (fever, alcoholism) • flower, root
Robinia pseudoacacia • Black locust	Wood
Sesbania exaltata • Colorado River hemp	Fiber • stem
Sophora secundiflora • Mescal bean, red bean	Psychoactive • seed
Sphenostylis stenocarpa • Yam bean	Food • tuber
Tamarindus indica • Tamarind, tamarindo	Food • fruit, seed, pulp
Tephrosia spp. • Tephrosia	Fish poison, insecticide, medicine • root
Trigonella foenum-graecum • Fenugreek	Essential oil • seed, leaf
Vicia faba • Broad bean, fava bean, horse bean, Windsor bean	Food • seed
Vigna acontifolia • Mat bean, moth bean	Food • seed, fruit
Vigna angularis • Adzuki bean	Food • seed
Vigna mungo • Black gram bean, urd bean	Food • seed
Vigna radiata • Golden gram bean, mung bean	Food • seed
Vigna umbellata • Rice bean	Food • seed
Vigna unguiculata • Asparagus bean, black-eyed pea, cowpea	Food • seed
Voandzeia subterranea • Bambara groundnut	Food • seed

LILIACEAE (LILY FAMILY)

Allium ampeloprasum • Elephant garlic, leek	Food • bulb
Allium ascalonium • Shallot	Food • bulb
Allium cepa • Onion	Food • bulb
Allium sativum • Garlic	Food; medicine (allicin) • leaf
Allium schoenoprasum • Chives	Food • leaf
Aloë vera • Aloe vera	Medicine (treat burns) • sap
Asparagus officinalis • Asparagus	Food • shoots
Camassia spp. • Camas	Food
Chlorogalum pomeridianum • Soaproot	Fish poison • root
Colchicum autumnale • Autumn crocus	Toxic, medicinal alkaloid (colchicine) • bulb
Dracaena draco • Dragon tree	Medicine • sap; resin
Drimia maritima • Squill, sea-onion	Rat poison • bulb
Hyacinthus spp. • Hyacinth	Essential oil • flower
Phormium tenax • New Zealand flax	Fiber • leaf
Polianthes tuberosa • Tuberose	Essential oil • flower
Samuela carnerosana • Palma ixtle	Fiber • leaf
Sansevieria spp. • Bowstring hemp	Fiber • leaf

LIMNANTHACEAE (MEADOW FOAM FAMILY)

Limnanthes alba • Meadow foam Industrial oil • seed
 Limnanthes douglasii • Meadow foam Industrial oil • seed

LINACEAE (FLAX FAMILY)

Linum catharticum • Purging flax Medicine (purgative); fiber • stem
 Linum usitatissimum • Flax Fiber (linen) • stem; fixed oil (linseed) • seed

LOGANIACEAE (LOGANIA FAMILY)

Gelsemium elegans • Graceful jessamine Poison (criminals, suicide) • leaf
 Gelsemium sempervirens • Yellow or Carolina jessamine Medicine (CNS depressant) • root
 Strychnos nux-vomica • Nux vomica Medicinal, toxic alkaloid (strychnine) • seed
 Strychnos toxifera • Curare Arrow, dart poisons • bark

LYTHRACEAE (LYTHRUM FAMILY)

Lagerstromia speciosa • Banaba tree, crape myrtle Medicine (lower blood pressure) • leaf
 Lawsonia inermis • Henna Dye (henna hair rinse) • leaf, medicine • bark

MAGNOLIACEAE (MAGNOLIA FAMILY)

Liriodendron tulipifera • Tulip tree Timber
 Magnolia officinalis • Houpu magnolia Medicine (tonic) • bark
 Magnolia virginiana • Sweetbay magnolia, swamp magnolia Timber
 Michelia champaca • Champaca, sapu Timber; essential oil • flower

MALPIGHIACEAE (MALPIGHIA FAMILY)

Banisteriopsis caapi • Ayahuasca, caapi, yajé Psychoactive • bark
 Bunchosia armeniaca • Ciruela Food • fruit
 Malpighia glabra • Acerola, Barbados cherry Food • fruit
 Malpighia punicifolia • West Indian cherry Food • fruit

MALVACEAE (MALLOW OR COTTON FAMILY)

Abelmoscus esculentus • Okra, gumbo Food • fruit
 Abutilon theophrasti • China jute, Indian mallow, velvet weed Fiber • stem
 Althaea officinalis • Marsh mallow Food, medicine • root
 Gossypium arboreum • Tree cotton Fiber • seed
 Gossypium barbadense • Sea-island cotton, Egyptian c. Fiber • seed
 Gossypium herbaceum • Arabian cotton, Asiatic c., levant c., short-staple c. Fiber • seed
 Gossypium hirsutum • Upland cotton Fiber; fixed oil • seed
 Gossypium nanking • Khaki cotton Fiber • seed
 Hibiscus cannabinus • Decan hemp, kenaf Fiber • stem
 Hibiscus tomentosum • Hawaiian cotton Fiber • seed
 Hibiscus sabdariffa • Roselle, Jamaican sorrel Fiber; fiber • shoot
 Hibiscus tiliaceus • Majagua, mahoe Fiber • stem
 Malva spp. • Mallow Food; medicine; beverage • fruit
 Sida acuta • Queensland hemp Fiber • stem; medicine • leaf
 Thespesia populnea • Milo, tulip tree wood, fiber • bark
 Urena lobata • African hemp, aramina, cadillo Fiber (aramina) • stem

MARANTACEAE (PRAYER PLANT FAMILY)

Calathea lutea • Balasier Fiber (baskets); wax (cavassú) • leaf
 Maranta arundinacea • West Indian arrowroot Food, cosmetics, industrial • rhizome
 Thaumatococcus danielli • miracle berry, African serendipity berry Sweetener (thaumatin) • fruit

MELIACEAE (CHINA BERRY FAMILY)

Azadirachta indica • Neem tree, nim Timber; oil (margosa o.); insecticide, spermicide • bark, leaf
 Carapa guianensis • Andiroba, crabwood Timber; oil (andiroba oil) • seed

Cedrela odorata • Spanish cedar, cigar-box cedar	Wood
Khaya senegalensis • African mahogany	Wood
Lansium domesticum • Langsat	Food • fruit
Melia azedarach • China berry	Insecticide • leaf
Swietenia humilis • Mexican mahogany	Timber
Swietenia mahagoni • Cuban mahogany	Timber
Swietenia macrophylla • Baywood	Timber
Toona sinensis • Chinese-cedar	Timber

MENISPERMACEAE (MOON SEED FAMILY)

Chondrodendron tomentosum • Curare	Arrow, dart poisons; medicine (tubocurarine) • root
Cocculus laurifolius • Moonseed	Arrow, dart poisons • bark
Cocculus spp. • Coral bead, Carolina snail seed	Food, alcoholic beverages • fruit

MENYANTHACEAE (BOG BEAN FAMILY)

Menyanthes trifoliata • Buck bean, bog bean	Medicinal (tonic, antiscorvy); tobacco substitute • leaf
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MORACEAE (FIG OR MULBERRY FAMILY)

Antiaris africana • Bark cloth tree	Timber
Antiaris toxicaria • Upas	Arrow, dart poisons • sap
Artocarpus altilis • Breadfruit, pan del árbol	Food • fruit; surf boards • trunk
Artocarpus heterophyllus • Jack fruit, jak fruit	Food • fruit
Artocarpus odoratissima • Marang	Food • fruit
Brosimum alicastrum • Breadnut, ramón	Food • seed
Brosimum guianense • Leopard wood	Violin bows, turnery • wood
Brosimum utile • Cow tree	Food, chewing gum • latex
Broussonetia papyrifera • Paper mulberry	Fiber • bark
Castilla elastica • Panama rubber, Castilla rubber	Latex
Chlorophora tinctoria • Fustic	Dye • wood, medicine • bark
Ficus benghalensis • Banyan tree	Food • fruit, leaf; timber; fiber • bark; medicine • latex
Ficus carica • Fig	Food • fruit; medicine • latex
Ficus elastica • India rubber, Assam rubber	Latex
Ficus platyphylla • Gutta niger, red kano rubber	Latex; fiber, tanning • bark
Ficus religiosa • Bo tree, peepul tree	Sealing wax • latex; fiber • bark; silkworm food • leaf
Ficus sycomorus • Mulberry fig	Timber; food • fruit
Maclura pomifera • Bois d'arc, Osage-orange	Arrow, dart shafts, timber; dye • wood
Maclura tinctoria • Toothache tree	Medicine • latex
Maclura tricuspidata • Chinese-mulberry, cudrang	Food • fruit
Maquira sclerophylla • Rape dos Indios	Psychoactive (snuff); arrow poison • fruit
Morus nigra • Black mulberry	Food • fruit
Morus rubra • Red mulberry	Food • fruit

MORINGACEAE

Moringa oleifera • Horseradish tree	Food • fruit, fixed oil (oil of Ben) • seed
Moringa pterogyosperma • Horseradish tree	Fixed oil • seed

MUSACEAE (BANANA FAMILY)

Ensete ventricosum • Abyssinian banana	Food • seed; fiber • stem, shoots
Musa acuminata • Datil, finger banana	Food • fruit
Musa x paradisiaca var. paradisiaca • Plantain, platano, cooking banana	Food • fruit
Musa x paradisiaca var. sapientum • Banana	Food • fruit
Musa textilis • Manila hemp, abacá	Fiber • leaf

MYRICACEAE (MYRICA FAMILY)

Myrica cerifera • Wax myrtle	Essential oil, wax • fruit
Myrica pensylvanica • Bayberry	Essential oil, wax • fruit

MYRISTICACEAE (NUTMEG FAMILY)

Myristica fragrans • Nutmeg	Flavoring • seed
Myristica fragrans • Mace	Flavoring • aril
Virola spp. • Otoba butter	Fixed oil (candles, soap)
Virola spp. • Epena	Psychoactive resins (snuffs) • inner bark

MYRTACEAE (MYRTLE OR EUCALYPTUS FAMILY)

Austromyrtus dulcis • Midgen berry, midyim	Food • fruit
Eucalyptus diversicolor • Karri	Timber
Eucalyptus globulus • Blue gum	Timber; oil • wood
Eucalyptus marginata • Jarrah	Timber
Eucalyptus microtheca • Coolibah	Timber
Eucalyptus spp. • Eucalypts	Flavoring • leaf
Eugenia aggregata • Cherry of the Rio Grande	Food • fruit
Eugenia malaccensis • Mountain-apple	Food • fruit
Eugenia uniflora • Pitanga, Surinam cherry	Food • fruit
Feijoa sellowiana • Feijoa	Food • fruit
Leptospermum petersonii • lemon-scented tea tree	Essential oil • leaf
Leptospermum scoparium • Manuka	Timber; beverage • leaf
Melaleuca cajuputi • Cajuput	Fixed oil (medicine) • seed
Myrciaria cauliflora • Jaboticaba, Brazilian grape tree	Food • fruit
Pimenta dioica • Allspice, bay	Essential oil • fruit
Pimenta racemosa • Bay leaf, bay-rum	Essential oil • leaf
Psidium cattleianum • Strawberry guava, purple guava	Food • fruit
Psidium guajava • Guava	Food • fruit
Psidium guineense • Guisaro	Food • fruit
Rhodomyrtus tomentosa • Ceylon Hill-gooseberry	Food, wine • fruit; medicine (antiseptic) • leaf
Syzygium aromaticum • Cloves	Essential oil • flower bud
Syzygium cuminii • Jambolan, Java plum	Food • fruit
Syzygium jambos • Rose-apple	Food • fruit
Syzygium malaccense • Rose-apple, Malay-apple, Otaheite-apple	Food • fruit
Syzygium samarangense • Java apple, wax jambu, wax-apple	Food • fruit
Ugni molinae • Chilean-guava	Food • fruit

NELUMBONACEAE (INDIAN LOTUS FAMILY)

Nelumbo nucifera • Sacred lotus, Indian lotus	Food • seed, rhizome, leaf
Nelumbo pentapetala • Water chinquapin	Food • stem, rhizome, leaf

NITRARIACEAE (NITRARIA FAMILY)

Peganum harmala • Syrian rue	Psychoactive • seed
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NYCTAGINACEAE (FOUR O'CLOCK FAMILY)

Mirabilis jalapa • Marvel-of-Peru	Medicine • root, dye • flower
Mirabilis multiflora • Four o'clock	Medicine • root

NYMPHAEACEAE (WATER-LILY FAMILY)

Nymphaea spp. • Water-lily	Food • rhizome
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OLACACEAE (AFRICAN-WALNUT FAMILY)

Coula edulis • Gaboon nut, African-walnut, bush kola	Food • seed
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OLEACEAE (OLIVE FAMILY)

Carissa congesta • Karanda, caramba	Food • fruit
Carissa grandiflora • Carissa	Food • fruit
Fraxinus americana • American ash	Wood
Fraxinus excelsior • European ash	Wood

Fraxinus mandschurica • Japanese ash	Wood
Fraxinus pensylvanica • Red ash	Wood
Jasminum officinale • Jasmine	Essential oil • flower
Olea europaea • Olive	Food • fruit; fixed oil • seed
Osmanthus fragrans • Sweet osmanthus, tea-olive, sweet-olive	Flavoring • flower
Syringa vulgaris • Lilac	Flavoring • flower

ORCHIDACEAE (ORCHID FAMILY)

Vanilla planifolia • Vanilla	Flavoring • fruit
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OXALIDACEAE (OXALIS OR SORREL FAMILY)

Averrhoa bilimbi • Bilimbi	Food • fruit
Averrhoa carambola • Carambola	Food • fruit
Oxalis tuberosa • Oca	Food • tuber

PALMAE (PALM FAMILY)

Areca catechu • Betel nut	Psychoactive • seed
Arenga pinnata • Gomuti palm, sugar palm, sago palm	Sugar • sap; beverage • stem
Arenga pinnata • Gomuti palm, sugar palm, sago palm	food (starch) • stem; thatch • leaf
Attalea funifera • Bahia piassava	Fiber • leaf
Bactris spp. • Pejibaye, peach palm	Food • fruit; beverage; fixed oil; building material
Borassus flabellifer • Palmyra palm	Fiber, building material • leaf, stems; food; beverage • fruit
Calamus rotang • Rattan, chair bottom cane	Furniture (wicker) • stem
Calamus scipionum • Malacca cane, rattan palm	Walking canes • stem
Caroyta urens • Toddy palm, sago palm	Sugar • stem; food (starch) • stem; fiber • leaf
Ceroxylon spp. • Wax palm	Wax • leaf
Cocos nucifera • Coconut	Thatching, building material • leaf, stem
Cocos nucifera • Coconut	Fixed oil, food, sugar • fruit, sap
Copernicia prunifera • Carnauba wax palm	Industrial wax • seed
Daemonorops spp. • Rattan	Resin (Sumatran dragon's blood) medicine, varnish • fruit
Elaeis guineensis • African oil palm	Industrial oil • seed
Euterpe edulis • Açai palm	Food • palm heart;
Euterpe oleracea • Açai palm	Food • palm heart; beverage • fruit
Jubaea chilensis • Honey palm	Sugar • sap
Leopoldiana piassaba • Piassaba	Fiber • leaf
Metroxylon amicarum • Ivory nut palm	Buttons • seed
Metroxylon sagu • Sago palm	Starch • stem
Nypa fruticans • Nypa palm	Sugar • inflorescence
Orbignya cohune • Cohune palm	Oil (cosmetic) • seed; food • buds; thatch, fiber (hats) • leaf
Orbignya phalerata • Babassu palm	Oil (cosmetic, margarine) • seed
Phoenix dactylifera • Date palm	Food • fruit
Phoenix sylvestris • Wild date palm	Sugar • stem
Raphia farinifera • African wine palm	Fibers • leaves; juice • wine; seed • food
Raphia vinifera • West African wine palm	Fibers • leaves; wine • stem and fruit; buttons • seeds
Raphia spp. • Raffia palm	Fiber • leaf, beverage (palm wine) • stem, inflorescence
Roystonea oleracea • American cabbage palm	Food (starch) • palm heart; thatch • leaf
Roystonea regia • Royal palm	Food (starch) • palm heart; thatch • leaf
Sabal palmetto • Cabbage palmetto, palmetto	Fiber • leaf; apical bud • food
Sabal causiarum • Puerto Rican hat palm	Fiber • leaf
Serenoa repens • Sabal palmetto	Food • fruit; medicine (prostate) • fruit

PANDANACEAE (SCREW-PINE FAMILY)

Pandanus spiralis • Screw-pine	Food • seeds; fibers (bags, mats, shelter) • leaf
Pandanus tectorius • Hala, pandan	Food • seed; fibers • leaf
Pandanus utilis • Common screw-pine	Food, medicine (aphrodisiac) • flowers, fruit; thatching • leaf

PAPAVERACEAE (POPPY FAMILY)

Argemone mexicana • Mexican poppy
Papaver bracteatum • Poppy
Papaver somniferum • Opium poppy, poppy
Papaver somniferum • Opium poppy, poppy
Sanguinaria canadensis • Bloodroot

Oil • seed; psychoactive • seed
Medicinal alkaloid (thebaine) • latex
Medicinal and psychoactive alkaloids • latex
flavoring; fixed oil • seed
Dye • root; medicine (expectorant, emetic) • latex

PASSIFLORACEAE (PASSION FLOWER FAMILY)

Passiflora edulis • Purple granadilla
Passiflora incarnata • purple passion flower
Passiflora laurifolia • Yellow granadilla
Passiflora ligularis • Sweet granadilla
Passiflora mollissima • Banana passion flower, banana poka
Passiflora quadrangularis • Giant granadilla

Food • fruit
Food, medicine • fruit
Food • fruit
Food • fruit
Food • fruit
Food • fruit

PEDALIACEAE (SESAME FAMILY)

Harpagophytum procumbens • Devil's claw
Sesamum indicum • Sesame

Medicine (analgesic, anti-inflammatory) • root
Food • seed; fixed oil • seed

PHYTOLACCACEAE (POKE WEED OR POKE BERRY FAMILY)

Phytolacca americana • Poke, poke weed, poke berry

Food • leaf; dye • fruit

PIPERACEAE (PIPER OR PEPPER FAMILY)

Piper betle • Betel pepper
Piper cubeba • Cubeb pepper
Piper longum • Long pepper
Piper methysticum • Kava, kava kava, yongona, grog
Piper nigrum • Black pepper, white pepper

Used with betel nut and tobacco (masticatory) • leaf
Flavoring • fruit
Flavoring • fruit, seed
Psychoactive (masticatory) • root, stem
Flavoring • fruit, seed

PITTOSPORACEAE (PARCHMENT BARK FAMILY)

Billardiera scandens • Apple berry, apple dumpling

Food • fruit

PLANTAGINACEAE (PLANTAGO FAMILY)

Plantago psyllium • Psyllium

Laxative • seed

PLATANACEAE (SYCAMORE FAMILY)

Platanus occidentalis • Sycamore
Platanus orientalis • European plane tree

Timber
Timber

PODOCARPACEAE (PODOCARP FAMILY)

Podocarpus totara • Totara

Timber, carving

POLYGALACEAE (POLYGALA FAMILY)

Polygala senega • Senega snakeroot

Medicine (snakebite) • root

POLYGONACEAE (SMARTWEED OR KNOTWEED FAMILY)

Coccoloba uvifera • Sea-grape
Fagopyrum esculentum • Buckwheat, kasha
Polygonum odoratum • Vietnamese-coriander
Rheum australe • Indian rhubarb
Rheum rhabarbarum • Rhubarb
Rheum palmatum • Chinese rhubarb
Rumex crispus • Dock
Rumex hymenosepalus • Canaigre, tanner's dock

Food, jelly • fruit
Food • fruit; dye • stem
Culinary herb • leaf
Medicine • root
Food • petiole
Medicine • rhizome
Food • leaf; medicine • root
Tannins • root

Rubus chamaemorus • Cloudberry	Food • fruit
Rubus fruticosus • Blackberry	Food • fruit
Rubus idaeus • Red raspberry, European raspberry	Food • fruit
Rubus occidentalis • Black raspberry	Food • fruit
Rubus ursinus • Boysenberry, loganberry, veitchberry, youngberry	Food • fruit
Rubus spp. • Blackberry, dewberry	Food • fruit
Sorbus aucuparia • Rowan	Food (jelly); brandy • fruit; wood

RUBIACEAE (MADDER OR COFFEE FAMILY)

Cinchona spp. • Quinine	Medicinal alkaloids (quinine, etc.) • bark
Coffea arabica • Arabian coffee	Caffeinated beverage • seed
Coffea liberica • Liberian coffee	Caffeinated beverage • seed
Coffea canephora • Robusta coffee, Congo coffee	Caffeinated beverage • seed
Gardenia jasminoides • Gardenia	Essential oil • flower
Genipa americana • Genipap	Food, dye, drink • fruit
Mitchella repens • Twinberry, partridge berry	Food • fruit; medicine (child birth) • leaf
Mitragyna speciosa • kratom	Psychoactive, medicinal (opium withdrawal) • leaf
Morinda citrifolia • Indian mulberry, noni, Indian-mulberry	Dye; food; medicine • fruit, leaf, flower
Pausinystalia yohimbe • Yohimbe	Medicine (aphrodisiac) • bark
Psychotria ipecacuanha • Ipecac	Medicine (induce vomiting) • rhizome
Rubia tinctorum • Madder	Dye • root
Uncaria gambir • Gambier, white cutch	Dye, masticatory, medicine • leaf
Uncaria spp. • Cat's claw, uña de gato	Medicinal tea • stem, leaves, bark

RUTACEAE (CITRUS FAMILY)

Aegle marmelos • Bael	Religious rites (India) • leaf; food, beverage, medicine (GI) • all
Agathosma betulina • Buchu	Essential oil • leaf
Angostura febrifuga • Angostura	Flavoring (bitters) • bark
Casimiroa edulis • White sapote	Food • fruit; essential oil • leaf
Citrus aurantifolia • Lime	Flavoring • fruit
Citrus aurantium • Sour orange, bitter orange, Seville orange, bergamot	Flavoring • fruit
Citrus maxima • Pomelo, shaddock	Food • fruit
Citrus hystrix • Kaffir lime	Flavoring • fruit rind, leaf
Citrus japonica • Kumquat	Food • fruit
Citrus latifolia • Persian lime, Tahitian lime	Food • fruit
Citrus limon • Lemon	Flavoring • fruit
Citrus medica • Citron	Food • fruit
Citrus x mitis • Calomondin	Food • fruit
Citrus x paradisi • Grapefruit	Food • fruit
Citrus reticulata • Clementine, Mandarin orange, tangerine	Food • fruit
Citrus sinensis • Orange, sweet orange	Food • fruit
Citrus trifoliata • Trifoliolate orange	Food (marmalade) • fruit
Clausena lansium • Wampee	Food • fruit
Dictamnus albus • Dittany, gas plant	Medicine (uterine stimulant) • root
Galipea officinalis • Angostura	Flavoring • bark
Limonia acidissima • Elephant-apple, wood-apple	Food • fruit; timber, gum
Murraya koenigii • Curry leaf	Flavoring • leaf
Phellodendron spp. • Cork tree	Timber
Pilocarpus jaborandi • Jaborandi	Medicine • leaf
Ruta graveolens • Rue	Flavoring • leaf
Zanthoxylum piperitum • Fagara, Sichuan pepper	Flavoring • fruit

SALICACEAE (WILLOW FAMILY)

Populus alba • White poplar	Timber; medicine • bark
Populus balsamifera • Balsam poplar	Resin • buds; wood
Populus grandidentata • Largetooth aspen	Wood

Populus tremula • European aspen	Wood
Populus tremuloides • Quaking aspen	Wood; medicine • bark
Salix alba • White willow	Medicine (salicin) • bark
Salix spp. • Willows	Fiber (baskets) • stem
SANTALACEAE (SANDALWOOD FAMILY)	
Phoradendron flavescens • Mistletoe	Medicine (abortifacient) • plant, leaf, fruit
Santalum album • Sandalwood	Essential oil • wood, root
Santalum acuminatum • Quandong nut	Food • fruit
Viscum album • Mistletoe	Medicine (immunostimulatory) • fruit
SAPINDACEAE (SOAP BERRY FAMILY)	
Blighia sapida • Akee, ackee	Food • fruit
Dimocarpus longan • Longan, lungan	Food • fruit
Litchi chinensis • Litchi nut, lychee nut	Food • fruit
Melicoccus bijugatus • Mamoncillo, Spanish lime	Food • fruit
Nephelium lappaceum • Rambutan	Food • fruit
Paullinia cupana • Guaraná	Caffeinated beverage • seeds
Paullinia yoco • Yoco, cohoba	Psychoactive snuff • bark
Sapindus saponaria • Soapberry	Soap substitute • fruit
SAPOTACEAE (SAPOTE FAMILY)	
Argania spinosum • Argan	Food (olive oil substitute); timber, fuel
Calocarpum sapota • Sapote, marmalade plum	Food • fruit
Calocarpum viride • Green sapote	Food • fruit
Chrysophyllum cainito • Star-apple, caimito	Food • fruit
Lucuma salicifolia • Yellow sapote	Food • fruit
Manilkara bidentata • Balata	Industrial latex; timber
Manilkara zapota • Chicle, sapodilla, zapote, chiku	Latex (masticatory); Food • fruit
Palaquium gutta • Gutta-percha	Industrial latex
Pouteria caimito • Abiu	Food • fruit
Pouteria campechiana • Canistel, egg fruit	Food • fruit
Pouteria sapota • Mammee zapote, marmalade plum, zapote	Food • fruit
Synsepalum dulcifolium • Miracle berry	Food, sweetener • fruit
Vitellaria paradoxa • Shea butter	Flavor food; illuminant • seed; timber
SCHISANDRACEAE (KADSURA FAMILY)	
Schisandra chinensis • Magnolia vine, five flavor berry	Food, medicine (traditional Chinese) • fruit
SCROPHULARIACEAE (SNAPDRAGON FAMILY)	
Digitalis purpurea • Foxglove	Medicinal glycosides (digitoxin, etc.) • leaf, root
Digitalis lanata • Grecian foxglove	Medicinal glycosides (digitoxin, etc.) • leaf
SIMAROUBACEAE (QUASSIA FAMILY)	
Quassia amara • Quassia	Flavoring, medicine (vermifuge), fly-poison • wood
Quassia cedron • Cedron	Vermifuge • seed
Quassia indica • bitter wood	Medicine, insecticide • seed; timber
SIMMONDSIACEAE (JOJOBA FAMILY)	
Simmondsia chinensis • Jojoba	Industrial wax • seed
SMILACACEAE (SMILAX FAMILY)	
Smilax officinalis • red sarsaparilla	Medicines • root
Smilax spp. • Sarsaparilla	Beverage, flavoring • root

SOLANACEAE (NIGHTSHADE FAMILY)

<i>Atropa belladonna</i> • Belladonna	Medicinal alkaloid (atropine) • leaf, root; cosmetic • sap
<i>Brugmansia</i> spp. • Angel trumpet, borrachero, tree datura	Psychoactive alkaloids • bark, seed
<i>Brunfelsia grandiflora</i> • Fever tree	Psychoactive • leaf, bark, medicinal • fruit
<i>Brunfelsia uniflora</i> • Manaca	Medicine (syphilis) • leaf, bark
<i>Capsicum annuum</i> • most peppers (other than black and white)	Flavoring, food • fruit
<i>Capsicum baccatum</i> • Cayenne or aji pepper	Flavoring • fruit
<i>Capsicum chinense</i> • Aji, habanero, rocotillo pepper	Flavoring • fruit
<i>Capsicum frutescens</i> • Bird, chili, cayenne, Tabasco pepper	Flavoring • fruit
<i>Capsicum pubescens</i> • Rocoto pepper	Flavoring • fruit
<i>Datura innoxia</i> • Sacred datura, toloache, toloatzin	Psychoactive alkaloids • seed
<i>Datura stramonium</i> • Jimson weed, thorn apple, wycoccan	Medicinal, psychoactive • seed
<i>Duboisia hopwoodii</i> • Pituri	Psychoactive (masticatory) • leaf, stem
<i>Duboisia myoporoides</i> • Corkwood	Medicine; timber; fish poison • stem, leaf
<i>Hyoscyamus niger</i> • Black henbane	Medicine, insecticide • leaf
<i>Latua pubiflora</i> • Latue	Psychoactive; fish poison • fruit
<i>Lycium barbarum</i> • gogi berry	food • fruit; beverage • leaf; medicine (immune system) • fruit
<i>Lycium</i> spp. • Matrimony vine	Food, medicine • fruit
<i>Mandragora officinarum</i> • Mandrake, hexenkraut	Medicine; psychoactive • all
<i>Nicotiana rustica</i> • Indian tobacco	Fumatory; alkaloids (nicotine, etc.) • leaf
<i>Nicotiana tabacum</i> • Tobacco	Fumatory • leaf
<i>Petunia violacea</i> • Petunia, shanin	Psychoactive • leaf
<i>Physalis ixocarpa</i> • Husk tomato, tomatillo, tomatl	Food • fruit
<i>Physalis peruviana</i> • Cape gooseberry	Food • fruit
<i>Physalis</i> spp. • Ground cherry	Food • fruit
<i>Solanum betaceum</i> • Tree-tomato, tamarillo	Food • fruit
<i>Solanum lycopersicum</i> • Tomato, love apple	Food • fruit
<i>Solanum melongena</i> • Eggplant, aubergine	Food • fruit
<i>Solanum muricatum</i> • Pepino, melon pear, tree melon	Food • fruit
<i>Solanum nigrum</i> • Black nightshade, wonderberry	Food • fruit
<i>Solanum quitoense</i> • Naranjilla, lulo	Food • fruit
<i>Solanum tuberosum</i> • Potato, Irish potato, white potato	Food • tuber
<i>Withania somnifera</i> • Indian-ginseng, winter-cherry	Medicine (anti-stress, etc.); psychoactive • fruit

STERCULIACEAE (CACAO FAMILY)

<i>Cola acuminata</i> • Kola nut, cola nut	Essential oil • seed
<i>Cola nitida</i> • Kola nut, cola nut	Essential oil • seed
<i>Sterculia quadrifida</i> • Peanut tree	Food • seed; medicine • taproot; fiber • bark
<i>Sterculia urens</i> • Gum karaya	Industrial gum • stem
<i>Theobroma cacao</i> • Cacao	Essential oils; flavoring (cocoa) • seed; fixed oil • seed

STYRACACEAE (STYRAX FAMILY)

<i>Styrax</i> spp. • Benzoin	Medicine • resin
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TACCACEAE (ARROWROOT FAMILY)

<i>Tacca leontopetaloides</i> • Tahiti arrowroot, East Indian arrowroot	Food • rhizome
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TAMARICACEAE (TAMARISK FAMILY)

<i>Tamarix gallica</i> • Tamarisk, salt-cedar	Wood; dye • gall
<i>Tamarix mannifera</i> • Manna tamarisk tree	Food (manna) • sap from insect damage

THEACEAE (CAMELLIA OR TEA FAMILY)

<i>Camellia sinensis</i> • Tea	Caffeinated beverage • leaf
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THYMELAEACEAE (MEZEREUM FAMILY)

<i>Lagetta lagetto</i> • Lacebark tree	Fiber • inner bark
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TILIACEAE (BASSWOOD FAMILY)

Aquilaria malaccensis • Agar wood
Clappertonia ficifolia • Bolo-bolo
Corchorus spp. • Jute
Muntingia calabura • Capulin
Tilia americana • Basswood, linden tree
Tilia cordata • European linden tree, lime tree
Triumfetta lappula • Cadillo, pega-pega, lapulla

Incense (joss sticks) , medicine • resin
Fiber • bark
Fiber • stem, food • shoot
Food • fruit
Timber
Timber
Fiber • bark

TROPAEOLACEAE (NASTURTIUM FAMILY)

Tropaeolum majus • nasturtium
Tropaeolum tuberosum • Añu, ysano, mashua

Food • leaf, flower
Food • tuber

TYPHACEAE (CATTAIL FAMILY)

Typha spp. • Cattail

Fiber • leaf; food • rootstock, pollen

ULMACEAE (ELM FAMILY)

Celtis laevigata • Sugar berry, southern hackberry
Ulmus alata • Winged elm
Ulmus americana • American elm
Ulmus procera • English elm
Ulmus procera • English elm
Ulmus pumila • Siberian elm
Ulmus rubra • Slippery elm
Ulmus thomasii • Rock elm, cork elm, hickory elm

Timber
Wood
Wood
Wood; medicinal tea • leaf
Wood
Wood
Wood
Wood

UMBELLIFERAE (UMBEL OR CARROT FAMILY)

Anethum graveolens • Dill
Angelica archangelica • Angelica
Angelica sinensis • Dong quai
Anthriscus cereifolium • Chervil
Apium graveolens • Celery, celeriac
Arracachia xanthorrhiza • Arracacha
Centella asiatica • Gotu kola
Carum carvi • Caraway
Chaerophyllum bulbosum • Turnip-rooted chervil
Coriandrum sativum • Coriander, cilantro
Cuminum cyminum • Cumin
Daucus carota • Carrot
Ferula assafoetida • Asafetida, devil's dung
Ferula galbaniflua • Galbanum
Foeniculum vulgare • Fennel, finocchio
Levisticum officinale • Lovage
Myrrhis odorata • Sweet cicely
Opopanax chironium • Opopanax
Pastinaca sativum • Parsnip
Petroselinum crispum • Parsley
Pimpinella anisum • Anise
Sium sisarum • Skirret
Trachyspermum copticum • Ajowan

Flavoring • leaf, fruit
Flavoring, food • leaf, root
Medicine (tonic) • root
Flavoring • leaf
Food • leaf, rootstock; flavoring • fruit
Food • root
Food, medicine (skin ointment) • leaf
Flavoring • fruit; essential oil • fruit
Food • root
Flavoring • leaf, fruit
Flavoring • fruit; essential oil • fruit
Food • root
Medicinal, culinary resin • rhizome
Medicinal resin • stem
Flavoring (leaf, fruit); essential oil • fruit
Flavoring • leaf
Flavoring • leaf; food • root, seed
Gum (opopanax) • root
Food • root
Food • leaf; flavoring • leaf
Flavoring; essential oil • fruit
Food • root
Flavoring • fruit; essential oil

URTICACEAE (NETTLE FAMILY)

Boehmeria nivea • Ramie, China-grass
Laportea canadensis • Wood nettle
Laportea spp. • Wood nettle
Urtica dioica • Nettle

Fiber • stem
Fiber • stem
Food • leaf
Fiber • stem; food • stem, leaf; medicine • leaf

Urtica urens • Dog nettle
Urtica spp. • Nettle

Fiber • stem; food • stem, leaf; medicine (diuretic) • leaf, flower
Food • young shoots

VALERIANACEAE (SPIKENARD FAMILY)

Nardostachys grandiflora • Spikenard
Valeriana officinalis • Valerian
Valerianella olitoria • Corn-lettuce

Flavoring • rhizome
Medicine • rhizome
Food • leaf

VERBENACEAE (VERVAIN OR VERBENA FAMILY)

Aloysia triphylla • lemon verbena
Tectona grandis • Teak
Verbena triphylla • Verbena, vervain

Fragrance; medicinal (various) • leaf
Timber
Essential oil • leaf

VIOLACEAE (VIOLET FAMILY)

Viola odorata • Violet

Essential oil • flower

VITACEAE (GRAPE FAMILY)

Ampelopsis brevipedunculata • Porcelain berry, pepper vine
Vitis rotundifolia • Muscadine grape
Vitis labrusca • Wild grape
Vitis vinifera • European grape, table grape, raisin
Vitis vinifera • wine grape
Vitis vulpina • Chicken grape, frost grape

Food, medicine • fruit
Food • fruit; alcoholic beverage (wine) • fruit
Alcoholic beverage (wine) • fruit
Food • fruit, leaf; grape seed oil • fruit
alcoholic beverage (wine) • fruit
Food • fruit

WINTERACEAE (WINTER'S BARK FAMILY)

Drimys winteri • Winter's bark

Medicine (scurvy) • bark

XANTHORRHEACEAE (GRASS TREE FAMILY)

Xanthorrhoea spp. • Grass tree, yacca

Wood, resin; sugar

ZINGIBERACEAE (GINGER FAMILY)

Aframomum melegueta • Grains-of-paradise
Alpinia galanga • Greater galangal
Alpinia officinarum • Lesser galangal
Curcuma angustifolia • East Indian arrowroot
Curcuma longa • Turmeric
Curcuma zedoaria • Zedoary
Elettaria cardamomum • Cardamom
Kempferia galanga • Sand ginger, resurrection-lily
Zingiber officinale • Ginger

Flavoring • seed
Flavoring • rhizome
Flavoring • rhizome
Flavoring • rhizome
Flavoring • rhizome; medicine (curcumin) • rhizome
Flavoring • rhizome
Flavoring • seed
Flavoring; insecticide • rhizome
Flavoring • rhizome

ZYGOPHYLLACEAE (CALTROP FAMILY)

Guaiaicum officinale • Lignum vitae
Guaiaicum sanctum • Lignum vitae
Larrea tridentata • Creosote

Timber; medicinal resin • stem
Wood
Resin; food • bud; medicine (various) • plant

PLANT FAMILIES: COMMON NAMES TO TECHNICAL NAMES

Acanthus →	Acanthaceae	Cacao →	Sterculiaceae	Flowering-rush →	Butomaceae
Actinidia →	Actinidiaceae	Cactus →	Cactaceae	Forget-me-not →	Boraginaceae
Adder's-tongue →	Ophioglossaceae	Caltrop →	Zygophyllaceae	Foxglove →	Scrophulariaceae
African-violet →	Gesneriaceae	Camellia →	Theaceae	Frog's bit →	Hydrocharitaceae
African-walnut →	Olacaceae	Canna →	Cannaceae	Four o'clock →	Nyctaginaceae
Agave →	Agave	Caper →	Capparaceae	Fumitory →	Fumariaceae
Akebia →	Lardizabalaceae	Carnation →	Caryophyllaceae		
Alder →	Betulaceae	Carpet weed →	Molluginaceae	Garcinia →	Guttiferae
Amaranth →	Amaranthaceae	Carrot →	Umbelliferae	Gardenia →	Rubiaceae
Amaryllis →	Liliaceae	Caryocar	Caryocaraceae	Gentian →	Gentianaceae
Annatto →	Bixaceae	Cashew →	Anacardiaceae	Geranium →	Geraniaceae
Annona →	Annonaceae	Catalpa →	Bignoniaceae	Ginger →	Zingiberaceae
Aralia →	Araliaceae	Cattail →	Typhaceae	Ginkgo →	Ginkgoaceae
Araucaria →	Araucariaceae	Cedar →	Cupressaceae	Ginseng →	Araliaceae
Aroid →	Araceae	Century plant →	Agavaceae	Gooseberry →	Grossulariaceae
Arrow-grass →	Juncaginaceae	Chenopod →	Chenopodiaceae	Goosefoot →	Chenopodiaceae
Arrowhead →	Alismataceae	Cinnamon →	Lauraceae	Gourd →	Cucurbitaceae
Arrowroot →	Taccaceae	Citrus →	Rutaceae	Grape →	Vitaceae
Ash →	Oleaceae	Club-moss →	Lycopodiaceae	Grass →	Gramineae
Aster →	Compositae	Coca →	Erythroxylaceae	Grass-tree →	Xanthorrhoeaceae
Avocado →	Lauraceae	Coco plum →	Chrysobalanaceae	Grass wrack →	Zannicelliaceae
		Coffee →	Rubiaceae		
Bald cypress →	Cupressaceae	Corkwood →	Leitneriaceae	Harebell →	Campanulaceae
Balsam →	Balsaminaceae	Cotton →	Malvaceae	Heath →	Ericaceae
Banana →	Musaceae	Crowberry →	Empetraceae	Hemp →	Cannabaceae
Barberry →	Berberidaceae	Crowfoot →	Ranunculaceae	Hickory →	Juglandaceae
Basella →	Basellaceae	Crucifer →	Cruciferae	Holly →	Aquifoliaceae
Basswood →	Tiliaceae	Curly-grass →	Schizaeaceae	Honeysuckle →	Caprifoliaceae
Bean →	Leguminosae	Currant →	Grossulariaceae	Hops →	Cannabaceae
Beech →	Fagaceae	Custard apple →	Annonaceae	Hornwort →	Ceratophyllaceae
Beef wood →	Casuarinaceae	Cycad →	Cycadaceae	Horse chestnut →	Hippocastanaceae
Begonia →	Begoniaceae	Cypress →	Cupressaceae	Horsetail →	Equisetaceae
Bellflower →	Campanulaceae				
Bindweed →	Convolvulaceae	Daisy →	Compositae	Ice plant →	Aizoaceae
Birch →	Betulaceae	Deer fern →	Blechnaceae	Indian lotus →	Nelumbonaceae
Bird-of-paradise →	Strelitziaceae	Dillenia →	Dilleniaceae	Indian pipe →	Monotropaceae
Birthwort →	Aristolochiaceae	Ditch-grass →	Ruppiaceae	Iris →	Iridaceae
Bittersweet →	Celastraceae	Dipterocarp →	Dipterocarpaceae		
Bladdernut →	Staphyleaceae	Dodder →	Cuscutaceae	Joint-fir →	Ephedraceae
Bladderwort →	Lentibulariaceae	Dogbane →	Apocynaceae	Jojoba →	Simmondsiaceae
Bloodroot →	Haemodoraceae	Dogwood →	Cornaceae	Juniper →	Cupressaceae
Bluebell →	Campanulaceae	Duckweed →	Lemnaceae		
Bogbean →	Menyanthaceae	Durango root →	Datisceae	Kadsura →	Schisandraceae
Bombax →	Bombacaceae			Knotweed →	Polygonaceae
Borage →	Boraginaceae	Ebony →	Ebenaceae	Kola →	Sterculiaceae
Box →	Buxaceae	Eel-grass →	Zosteraceae		
Boxwood →	Buxaceae	Elaeocarp →	Elaeocarpaceae	Laurel →	Lauraceae
Bracken fern →	Dennstaedtiaceae	Elm →	Ulmaceae	Leadwort →	Plumbaginaceae
Brake fern →	Pteridaceae	Ephedra →	Ephedraceae	Leatherwood →	Cyrtillaceae
Brazil nut →	Lecythidaceae	Evening primrose →	Onagraceae	Legume →	Leguminosae
Bromeliad →	Bromeliaceae			Lily →	Liliaceae
Broomrape →	Orobanchaceae	Fig →	Moraceae	Linden →	Tiliaceae
Buckeye →	Hippocastanaceae	Figwort →	Scrophulariaceae	Lizard's tail →	Saururaceae
Buckthorn →	Rhamnaceae	Filmy fern →	Hymenophyllaceae	Loasa →	Loasaceae
Bur-reed →	Sparganiaceae	Flacourtia →	Flacourtiaceae	Lobelia →	Lobeliaceae
Buttercup →	Ranunculaceae	Flax →	Linaceae	Loosestrife →	Lythraceae

Lotus →	Nelumbonaceae	Pittosporum →	Pittosporaceae	Sunflower →	Compositae
Madder →	Rubiaceae	Plane tree →	Platanaceae	Sweetgale →	Myricaceae
Magnolia →	Magnoliaceae	Plantago →	Plantaginaceae	Sweetsop →	Annonaceae
Mahogany →	Meliaceae	Plantain →	Plantaginaceae	Sycamore →	Platanaceae
Maidenhair →	Ginkgoaceae	Podocarp →	Podocarpaceae	Tamarisk →	Tamaricaceae
Mallow →	Malvaceae	Poison-oak →	Anacardiaceae	Tea →	Theaceae
Malpighia →	Malpighiaceae	Pokeweed →	Phytolaccaceae	Teak →	Verbenaceae
Mangosteen →	Guttiferae	Polypody →	Polypodiaceae	Teasel →	Dipsacaceae
Maple →	Aceraceae	Pomegranate →	Punicaceae	Thrift →	Plumbaginaceae
Mare's tail →	Hippuridaceae	Pond weed →	Potamogetonaceae	Touch-me-not →	Balsaminaceae
Marijuana →	Cannabaceae	Poplar →	Salicaceae	Tree fern →	Cyatheaceae
Meadow foam →	Limnanthaceae	Poppy →	Papaveraceae	Trigger plant →	Stylidiaceae
Mignonette →	Resedaceae	Potato →	Solanaceae	Umbel →	Umbelliferae
Milkweed →	Asclepiadaceae	Pottery plant →	Marantaceae	Unicorn plant →	Martyniaceae
Milkwort →	Polygalaceae	Protea →	Proteaceae	Verbena →	Verbenaceae
Mint →	Labiatae	Pulse →	Leguminosae	Vervain →	Verbenaceae
Mistletoe →	Santalaceae	Pumpkin →	Cucurbitaceae	Violet →	Violaceae
Moonseed →	Menispermaceae	Purslane →	Portulacaceae	Walnut →	Juglandaceae
Mormon tea →	Ephedraceae	Quassia →	Simaroubaceae	Water chestnut →	Trapaceae
Morning glory →	Convolvulaceae	Quillwort →	Isoëtaceae	Water clover →	Marsileaceae
Mosquito fern →	Azollaceae	River weed →	Podostemaceae	Water hawthorn →	Aponogetonaceae
Mulberry →	Moraceae	Rock-rose →	Cistaceae	Waterleaf →	Hydrophyllaceae
Mustard →	Cruciferae	Rose →	Rosaceae	Water-lily →	Nymphaeaceae
Myrtle →	Myrtaceae	Rose imperial →	Cochlospermaceae	Water-lily →	Cabombaceae
Nasturtium →	Tropaeolaceae	Rue →	Rutaceae	Water milfoil →	Haloragaceae
Nettle →	Urticaceae	Rush →	Juncaceae	Water nymph →	Najadaceae
Nightshade →	Solanaceae	Salt-cedar →	Tamaricaceae	Water plantain →	Alismataceae
Nutmeg →	Myristicaceae	Saltwort →	Batidaceae	Water poppy →	Limnocharitaceae
Oak →	Fagaceae	Sandalwood →	Santalaceae	Water starwort →	Callitrichaceae
Ocotillo →	Fouquieriaceae	Sapodilla →	Sapotaceae	Waterwort →	Elatinaceae
Olax →	Olacaceae	Saxifrage →	Saxifragaceae	Wax myrtle →	Myricaceae
Oleander →	Apocynaceae	Scouring-rush →	Equisetaceae	Whisk fern →	Psilotaceae
Oleaster →	Elaeagnaceae	Screw-pine →	Pandanaceae	Wild cinnamon →	Canellaceae
Olive →	Oleaceae	Scroph →	Scrophulariaceae	Willow →	Salicaceae
Orchid →	Orchidaceae	Sedge →	Cyperaceae	Wintergreen →	Ericaceae
Orpine →	Crassulaceae	Sesame →	Pedaliaceae	Winter's bark →	Winteraceae
Oxalis →	Oxalidaceae	She-oak →	Casuarinaceae	Witch hazel →	Hamamelidaceae
Paeonia →	Paeoniaceae	Silk tassel →	Garryaceae	Wood fern →	Dryopteridaceae
Palm →	Palmae	Silverbell →	Styracaceae	Yam →	Dioscoreaceae
Panama hat →	Cyclanthaceae	Smartweed →	Polygonaceae	Yellow-eyed-grass →	Xyridaceae
Papaya →	Caricaceae	Smilax →	Smilacaceae	Yew →	Taxaceae
Parchment bark →	Pittosporaceae	Snapdragon →	Scrophulariaceae		
Parsley →	Umbelliferae	Soapberry →	Sapindaceae		
Passion flower →	Passifloraceae	Sorrel →	Oxalidaceae		
Pawpaw →	Caricaceae	Soursop →	Annonaceae		
Pea →	Leguminosae	Spiderwort →	Commelinaceae		
Pepper →	Piperaceae	Spike-moss →	Selaginellaceae		
Persimmon →	Ebenaceae	Spikenard →	Araliaceae		
Philodendron →	Araceae	Spikenard →	Valerianaceae		
Phlox →	Polemoniaceae	Spindle tree →	Celastraceae		
Pickerel weed →	Pontederiaceae	Spleenwort →	Aspleniaceae		
Pigweed →	Amaranthaceae	Spurge →	Euphorbiaceae		
Pine →	Pinaceae	Squash →	Cucurbitaceae		
Pineapple →	Bromeliaceae	Star anise →	Illiciaceae		
Pink →	Caryophyllaceae	Stinging nettle →	Urticaceae		
Piper →	Piperaceae	St • John's wort →	Guttiferae		
Pipewort →	Eriocaulaceae	Stonecrop →	Crassulaceae		
Pitcher plant →	Nepenthaceae	Styrax →	Styracaceae		
Pitcher plant →	Sarraceniaceae	Sumac →	Anacardiaceae		
		Sundew →	Droseraceae		

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