

## Dalbergia sissoo



Synonyms	Indian rosewood,shisham,
Biological source	<i>Dalbergia sissoo</i>
Family	Fabaceae
Chemical constituents	Carbohydrates, proteins, amino acids, phenolic compounds, flavanoids, alkaloids, saponin, phytosterols, steroids and tannins
Uses	To treat sore throats, dysentery, syphilis, bronchitis, inflammations, infections, hernia, skin diseases, and gonorrhoea
Marketed preparations	Rosewood essential oil,shisham leaves powder,shisham churn
References	<a href="http://ifgtbenvi.in/build/bibliography/Chemical%20constituents%20and%20pharmacological%20effects%20of%20Dalbergia.pdf">Http://ifgtbenvi.in/build/bibliography/Chemical%20constituents%20and%20pharmacological%20effects%20of%20Dalbergia.pdf</a>

## Ocimum Sanctum



Synonyms	Sacred Basil, Holy Basil
Biological source	Fresh & dried leaves of <i>Ocimum sanctum</i> .
Family	Lamiaceae
Chemical constituents	Volatile oils, eugenol, carvacrol, caryophyllin, anthocynins
Uses	Antibacterial, insecticidal, stimulant, aromatic, expectorant anti-inflammatory, spasmolytic
Marketed preparations	Tulsi drop, tulsi honey, tulsi powder, tulsi syrup, Shritulsi
References	Textbook of Pharmacognosy by C.K.Kokate, S.B.Gokhale <a href="https://nurserylive.com/products/krishna-tulsi-tulsi-black-seeds">https://nurserylive.com/products/krishna-tulsi-tulsi-black-seeds</a>

## Butea monosperma



Synonyms	Flame-of-the-forest, dhak, palash,
Biological source	It consists of dried fruits, seed & gums of <i>Butea monosperma</i> .
Family	Papilionaceae
Chemical constituents	Coreopsin, isocoreopsin, sulphurein, butein, butin, isobutrin, monospermoside & isomonospermoside, aurones, chalcones, flavonoids (palasitrin, prunetin) and steroids, alkaloids, flavonoids, phenolic compounds, amino acids, glycosides
Uses	Hepatoprotective, antifertility, antifilarial, anti-diabetic, antiviral, anthelmintic, anticonvulsant, antifungal, antimicrobial, antiestrogenic, anticancer, anti-inflammatory, antioxidant, antiulcer, wound healing, anti-diarrhoeal, anti-implantation, anti-dopaminergic, anti-mycobacterial, osteogenic and osteoprotective activity
Marketed preparations	Palash body wash, palash flower powder, palash beej, palash facial kit,
References	<a href="https://en.wikipedia.org/wiki/Butea_monosperma">https://en.wikipedia.org/wiki/Butea_monosperma</a> <a href="https://www.actascientific.com/ASPS/pdf/ASPS-03-0228.pdf">https://www.actascientific.com/ASPS/pdf/ASPS-03-0228.pdf</a>

## Syzygium cumini



Synonyms	Plum, jambul, jamun, jaman, black plum, faux pistachier, indian blueberry , jambol
Biological name	<i>Syzygium cumini</i>
Family	Myrtaceae
Chemical constituents	Anthocyanins, glucoside, ellagic acid, isoquercetin, kaemferol and myrecetin. Anthocyanins, glucoside, ellagic acid, isoquercetin, kaemferol and myrecetin.
Uses	Antidiabetic, anthelmintic, antiulcer, digestive, diuretic, stomachic, blood purifier
Marketed preparations	Jamun extract capsule, jambul powder, jamun chips, jambhul juice
Reference	<a href="https://simple.wikipedia.org/wiki/jambul">https://simple.wikipedia.org/wiki/jambul</a> <a href="https://pharmeasy.in/blog/jamun-benefits-uses-side-effects/">https://pharmeasy.in/blog/jamun-benefits-uses-side-effects/</a>

## Catharanthus roseus



Synonyms	Catharanthus, periwinkle, vinca minor
Biological source	It consist dried whole plant of <i>catharanthus roseus</i> .
Family	Apocynaceae
Chemical constituents	Vincristin, vinblastin, ajmalicine, serpentine
Uses	Antineoplastic, hypotensive, Antidiabetic action
Marketed preparations	Vinorelbine inj.usp,velban,
References	Textbook of Pharmacognosy by C.K.Kokate, S.B.Gokhale <a href="https://www.slideshare.net">https://www.slideshare.net</a>

## YUCCA ALOIFOLI



Synonyms	Spanish bayonet, dagger plant, Spanish dagger, or aloe yucca
Biological Source	<i>Yucca aloifolia</i>
Family	Asparagaceae
Chemical Constituents	linoleic acid, oleic acid, and palmitic acid, in addition to the high content of vita- min E
Uses	osteoarthritis, high blood pressure, migraine headaches, inflammation of the intestine (colitis), high cholesterol, stomach disorders, diabetes, poor circulation, and liver and Gallbladder disorders.
Marketed preparations	powder
Reference	<a href="https://en.wikipedia.org/wiki/Yucca_aloifolia">https://en.wikipedia.org/wiki/Yucca_aloifolia</a>

## Vitex negundo



Synonyms	Monk pepper, Nirgundi
Biological source	This consists of dried leaves & flowers of <i>Vitex negundo</i> .
Family	Verbenaceae
Chemical constituents	Fragrant volatile oil, vitexin, isovitexin, casticin, chrysophenol, luteolin, hydroxyl benzoic acid
Uses	Acute rheumatism hippocratis, dioscoride, anti-parasitical, aromatic, analgesic, vermifuge, antifungal, anti-inflammatory, insect repellent
Marketed preparations	Nirgundi ras, nirgundi joint support tablet, nirgundi ghanvati, nirgundi juice, nirgundi capsule, nirgundi kwath
References	Textbook of Pharmacognosy by C.K.Kokate, S.B.Gokhale <a href="https://www.google.com/search?Q=nirgundi&amp;tbm=isch&amp;chips=q:nirgundi,g_1:medicine:g_Y6Reoij1M%3D&amp;hl=en-US&amp;sa=X&amp;ved=2ahukewjb0m_fk2eaxv506achfbga_oq4lyochocaeqqq&amp;biw=1349&amp;bih=641#imgrc=6pkqjvluy3rtpm">https://www.google.com/search?Q=nirgundi&amp;tbm=isch&amp;chips=q:nirgundi,g_1:medicine:g_Y6Reoij1M%3D&amp;hl=en-US&amp;sa=X&amp;ved=2ahukewjb0m_fk2eaxv506achfbga_oq4lyochocaeqqq&amp;biw=1349&amp;bih=641#imgrc=6pkqjvluy3rtpm</a>

## Mimusops elengi



Synonyms	Spanish cherry, medlar, bullet wood, bakul
Biological source	It consists of bark, flowers, fruits, and seeds of <i>Mimusops elengi</i> .
Family	<u>Sapotaceae</u>
Chemical constituents	Tannin, some caoutchouc, wax, coloring matter, starch and ash forming inorganic salts
Uses	<u>Astringent</u> , cooling, <u>anthelmintic</u> , tonic, and <u>febrifuge</u>
Marketed preparations	Bakul powder
References	Textbook of Pharmacognosy by C.K.Kokate, S.B.Gokhale <a href="https://en.wikipedia.org/wiki/Mimusops_elengi">https://en.wikipedia.org/wiki/Mimusops_elengi</a>



## Prunus amygdalus



Synonyms	Amygdala amara
Biological source	Dried ripe seeds of plant <i>Prunus amygdalus</i> .
Family	Rosaceae
Chemical constituents	Fixed oil, proteins, enzyme emulsion, amygdalin
Uses	Sedative, demulcent, perfumery,
Marketed preparations	Almond oil, rogan badam
References	Textbook of Pharmacognosy by C.K.Kokate, S.B.Gokhale <a href="https://en.wikipedia.org/wiki/Brabejum">https://en.wikipedia.org/wiki/Brabejum</a>

*Cymbopogon flexuosus*



Synonyms	GRASS OIL, Indian melissa oil
Biological source	It consists of leaves and aerial parts of <i>Cymbopogon flexuosus</i> .
Family	Graminae
Chemical constituents	Citral, methyl heptenol, nerol, citronellal, dipentene, geraniol
Uses	Flavouring agent, perfumery
Marketed preparations	Lemongrass oil, lemongrass hydrosol water
References	Textbook of Pharmacognosy by C.K.Kokate, S.B.Gokhale <a href="https://www.google.com/url?Sa=i&amp;url=https%3A%2F%2Fwww.mymindfulgarden.com%2Fproduct-page%2Flemon-grass-plant&amp;psig=aovvaw0ocjdpptkhtuujlkdzrjw&amp;ust=1708083099942000&amp;source=images&amp;cd=vfe&amp;opi=89978449&amp;ved=0cbeqjrxqfwotclcnhni fryqdfqaaaaadaaaaabal">https://www.google.com/url?Sa=i&amp;url=https%3A%2F%2Fwww.mymindfulgarden.com%2Fproduct-page%2Flemon-grass-plant&amp;psig=aovvaw0ocjdpptkhtuujlkdzrjw&amp;ust=1708083099942000&amp;source=images&amp;cd=vfe&amp;opi=89978449&amp;ved=0cbeqjrxqfwotclcnhni fryqdfqaaaaadaaaaabal</a>

## Tagetes erecta



Synonyms	Big marigold, maxican marigold
Biological source	<i>Tagetes erecta</i>
Family	Asteraceae
Chemical constituents	Tetra decanoic Acid, 2,6,10- Trimethyl 14 – ethylene – 14 – Pentadecme, N – Hexadecanmic acid, 15-Hydroxy penta decanoic acid and Stigmastero
Uses	digestive tract problems including poor appetite, gas, stomach pain, colic, intestinal worms, and dysentery, used for coughs, colds, mumps, fluid retention, and sore eyes; and causing sweating.
Marketed preparations	Tagetes oil,
References	<a href="https://en.wikipedia.org">https://en.wikipedia.org</a> <a href="https://japsonline.com/admin/php/uploads/1686_pdf.pdf">https://japsonline.com/admin/php/uploads/1686_pdf.pdf</a>

## Markhamia lutea



<b>Synonyms</b>	Nile tulip, Nile trumpet or siala tree
<b>Biological source</b>	<i>Markhamia lutea</i>
<b>Family</b>	Bignoniaceae
<b>Chemical constituents</b>	phenylpropanoid glycosides (PhGs), alkaloids, terpenoids, phytosterols, quinones, lignans, and flavonoids
<b>Uses</b>	The flowers are a source of nectar for honey bees, to treat toothache, stomach-ache and headache. Convulsions, asthma, cough and gonorrhoea
<b>Marketed preparations</b>	Powder
<b>References</b>	<a href="https://en.wikipedia.org/wiki/Markhamia_lutea">https://en.wikipedia.org/wiki/Markhamia_lutea</a> <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4791988/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4791988/</a>

## GARCINIA INTERMEDIA



Synonyms	Lemon drop mangosteen
Biological source	<i>Garcinia intermedia</i>
Family	Clusiaceae
Chemical constituents	Xanthenes, coumarins and benzophenones.
Uses	Heart health, boosts immune function, relieves body pain, enhances brain activity, slows down aging, lowers blood sugar levels, nourishes skin tissues, and helps prevent cancer.
Marketed preparations	Garcinia combo fat care drop, garcinia combogia fruit extract
References	<a href="http://www.stuartxchange.org/Berba">Http://www.stuartxchange.org/Berba</a> <a href="https://veliyathgarden.com/products/cherry-mangosteen-garcinia-intermedia">Https://veliyathgarden.com/products/cherry-mangosteen-garcinia-intermedia</a>

## Viburnum stellato-tomentosum



Synonyms	Viburnum stellato-tomentosum
Biological source	<i>Viburnum stellato-tomentosum</i>
Family	Adoxaceae
Chemical constituents	Procyanidin, catechin, and chlorogenic acid
Uses	Suppresses Obesity and Hyperglycemia
References	<a href="https://www.researchgate.net/figure/Fractional-composition-of-the-sterols-in-viburnum-fruit-powder_tbl2_349155822">https://www.researchgate.net/figure/Fractional-composition-of-the-sterols-in-viburnum-fruit-powder_tbl2_349155822</a>

## Cordia dichotoma



Synonyms	Fragrant manjak, Cummingcordia, glue berry
Biological source	<i>Cordia dichotoma</i>
Family	Boraginaceae
Chemical constituents	Betulin, beta-sitosterol, alpha-amyrins, beta-sitosterol-3glucoside
Uses	Analgesic, Antibacterial, Cytotoxic, Antimicrobial, Antitoxic
References	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3805104/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3805104/</a>

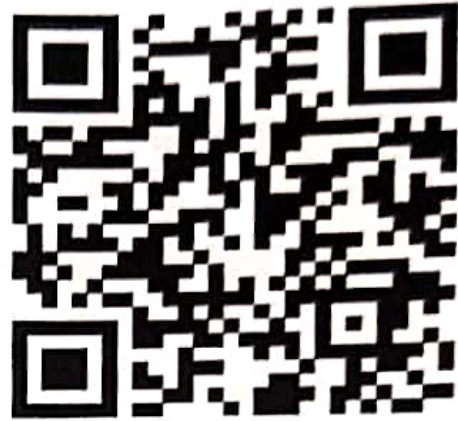
## Fernandoa adenophylla



Synonyms	katsagon, marodphali, petthan, and Karen wood.
Biological source	<i>Fernandoa adenophylla</i>
Family	<u>Bignoniaceae</u>
Chemical constituents	novel naphthoquinones, ursolic corrosive, sitosterol, amyirin, and oleanolic acid
Uses	Antipyretic, analgesic, anthelmintic, antibacterial, antioxidants, antifungal, sedative, muscle relaxant
References	<a href="https://www.researchgate.net/publication/343308868_Fernandoa_Adenophylla_A_review_of_its_Phytochemistry_Traditional_and_Pharmacology_use_and_Future_Aspects">https://www.researchgate.net/publication/343308868_Fernandoa_Adenophylla_A_review_of_its_Phytochemistry_Traditional_and_Pharmacology_use_and_Future_Aspects</a>



## Aegle marmelos



<b>Synonyms</b>	Bael fruit, bael, indian bael, Bengal quince
<b>Biological source</b>	It consist of unripe or half ripe fruits of the plant <i>Aegle marmelos</i> .
<b>Family</b>	Rutaceae
<b>Chemical constituents</b>	Marmelosin,protiens,tannins,vit.C&A,aegeline,O-methylhalfordinol
<b>Uses</b>	Digestive, appetizer, tonic, anthelmintic, antispasmodic, astringent
<b>Marketed preparations</b>	Murabba, squash, jam, candy, syrups,
<b>References</b>	Textbook of Pharmacognosy by C.K.Kokate, S.B.Gokhale <a href="https://en.wikipedia.org/wiki/Aegle_marmelos">Https://en.wikipedia.org/wiki/Aegle_marmelos</a>

## Hibiscus rosa-sinensis



Synonyms	Shoeblack plant, mahagua, cotton rose, Jamaica sorrel
Biological source	<i>Hibiscus rosa-sinensis</i>
Family	Malvaceae
Chemical constituents	Lavonoids, anthocyanins, terpenoids, steroids, polysaccharides, alkaloids, amino acids, lipids, sesquiterpene, quinones, and naphthalene groups.
Uses	Antioxidant, lowers blood pressure, weight loss, boost liver health
Marketed preparations	Hair oil, gel, moisturizer hibiscus extract tablet, powder
references	<a href="https://en.wikipedia.org/wiki/Hibiscus_rosa-sinensis">https://en.wikipedia.org/wiki/Hibiscus_rosa-sinensis</a> <a href="https://www.healthline.com/nutrition/hibiscus-tea-benefits#anticancer-effects">https://www.healthline.com/nutrition/hibiscus-tea-benefits#anticancer-effects</a>

## Adhatoda vasica Nees



### Plant description

Synonym	Adhatoda
Biological source	Vasaka consist of dried, as well as, fresh leaves of the plant <i>Adhatoda vasica Nees</i> .
Family	Acanthaceae
Chemical Constituents	Vasicineadhatodine, Vasicinone, vasakin
Uses	Expectorant, Bronchodilator, Oxytotic action (1)
Marketed preparation	Adulsa Syrup(2), Vasarishta, Triphala Ghrita, Panchatikta Ghrita(3)
References	<ol style="list-style-type: none"><li>1. C. K. Kokate, S. B. Gokhale, Dr. S. J. Surana, Dr. M. G. Kalaskar, A Text Book of Pharmacognosy, 1st edition, October 2021.</li><li>2. <a href="https://www.researchgate.net/publication/289794603_Standardization_of_Marketed_Adulsa_Syrup_Containing_Vasaka_by_High_Performance_Thin_Layer_Chromatography">https://www.researchgate.net/publication/289794603_Standardization_of_Marketed_Adulsa_Syrup_Containing_Vasaka_by_High_Performance_Thin_Layer_Chromatography</a></li><li>3. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2852058/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2852058/</a></li></ol>

## Asparagus Racemosus



### Plant description

Synonym	Shatmuli
Biological source	Shatavari consist of dried roots and the leaves of the plant known as <i>Asparagus racemosus</i> Wild.
Family	Liliaceae
Chemical Constituents	Shatavarin I-IV, Quercitin, rutin, diosgenin,
Uses	Used as Diuretic, Topic, in rheumatism, nervine disorder (1)
Marketed preparation	Abana, Diabecon, Eye care, Himplasia(2)
References	1.C. K. Kokate, A. P. Purohit, S. B. Gokhale, A Text Book of Pharmacognosy, 57th edition, May 2021. 2. <a href="https://www.researchgate.net/figure/Details-of-the-commercial-shatavari-products-used-in-this-study-Sample-no-Product-form_tbl1_224821599">https://www.researchgate.net/figure/Details-of-the-commercial-shatavari-products-used-in-this-study-Sample-no-Product-form_tbl1_224821599</a>

## Murrayakoenigii



### Plant description

Synonym	Curry leaf tree
Biological source	It consists of fresh leaves of <i>Murraya koengii</i> .
Family	Rutaceae (1)
Chemical Constituents	Mahanimbine, Girinimbine, mahanine(2)
Uses	Used in dystentry, diarrhea, diabetes, morning sickness(3)
Marketed preparation	Curry leaves powder, curry leaves extract.
References	<ol style="list-style-type: none"><li>1. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4104627/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4104627/</a></li><li>2. <a href="https://en.m.wikipedia.org/wiki/Curry_tree#:~:text=The%20curry%20tree%20or%20Bergera,called%20sweet%20neem%20%20though%20M">https://en.m.wikipedia.org/wiki/Curry_tree#:~:text=The%20curry%20tree%20or%20Bergera,called%20sweet%20neem%20%20though%20M</a></li><li>3. <a href="https://www.medicoverhospitals.in/articles/benefits-of-curry-leaves">https://www.medicoverhospitals.in/articles/benefits-of-curry-leaves</a></li></ol>

## Tecomella undulata



### Plant description

Synonym	Raktarohida
Biological source	It is the only species in the monotypic genus <i>Tecomella undulata</i> .(1)
Family	<u>Bignonias</u> (2)
Chemical Constituents	Naphthaquinone derivatives, fatty alcohol, flavonoids
Uses	Anti HIV, anti bacterial, anti microbial (3)
Marketed preparation	Rakta rohida powder
References	<ol style="list-style-type: none"> <li>1. <a href="https://en.wikipedia.org/wiki/Tecomella#:~:text=Tecomella%20undulata%20is%20a%20tree,southwest%20Iran%20to%20northwest%20India">https://en.wikipedia.org/wiki/Tecomella#:~:text=Tecomella%20undulata%20is%20a%20tree,southwest%20Iran%20to%20northwest%20India</a></li> <li>2. <a href="https://www.google.com/search?q=family+of+tecomella&amp;sca_esv=7240d02c12ae2dd6&amp;ei=Zv_KZce9Np-p4-EP5bWZmA4&amp;ved=0ahUKEwjHiP_8y6eEAxWf1DgGHeVaBuMQ4dUDCBA&amp;uact=5&amp;oq=family+of+tecomella&amp;gs_lp=Egxnd3Mtd2l6LXNlcnAiE2ZhbWlseSBvZiB0ZWNVbWVsbGEyChAhGAoYoAEYwwQyChAhGAoYoAEYwwRI3hFQAFjqCnAAeAGQAQCYAdEBoAH-B6oBBTAuNS4xuAEDyAEA-AEBwgHECEYoAEYwwTiAwQYACBB&amp;scient=gws-wiz-serp">https://www.google.com/search?q=family+of+tecomella&amp;sca_esv=7240d02c12ae2dd6&amp;ei=Zv_KZce9Np-p4-EP5bWZmA4&amp;ved=0ahUKEwjHiP_8y6eEAxWf1DgGHeVaBuMQ4dUDCBA&amp;uact=5&amp;oq=family+of+tecomella&amp;gs_lp=Egxnd3Mtd2l6LXNlcnAiE2ZhbWlseSBvZiB0ZWNVbWVsbGEyChAhGAoYoAEYwwQyChAhGAoYoAEYwwRI3hFQAFjqCnAAeAGQAQCYAdEBoAH-B6oBBTAuNS4xuAEDyAEA-AEBwgHECEYoAEYwwTiAwQYACBB&amp;scient=gws-wiz-serp</a></li> <li>3. <a href="https://www.google.com/search?q=chemical+constituents+and+uses+of+tecomella&amp;sca_esv=7240d02c12ae2dd6&amp;ei=rP_KZYWrPNmj2roPje2j2A0&amp;oq=chemical+constituents+++of+tecomella&amp;gs_lp=Egxnd3Mtd2l6LXNlcnAiJGNoZW1pY2FsIGNvbnN0aXRIZW50eyAgIG9mIHRIY29tZWxsYSocCAAYCBAhGKABGMMESIZJUAByoEBwAngBkAEAmAH4AaAB_yKqAQYwLjIwLjW4AQHIAQD4AQHCAggQABiABBiiBMICChAhGAoYoAEYwwTCAgcQABiABBgNwglEAAYgAQYigUYhgPiawQYACBB&amp;scient=gws-wiz-serp">https://www.google.com/search?q=chemical+constituents+and+uses+of+tecomella&amp;sca_esv=7240d02c12ae2dd6&amp;ei=rP_KZYWrPNmj2roPje2j2A0&amp;oq=chemical+constituents+++of+tecomella&amp;gs_lp=Egxnd3Mtd2l6LXNlcnAiJGNoZW1pY2FsIGNvbnN0aXRIZW50eyAgIG9mIHRIY29tZWxsYSocCAAYCBAhGKABGMMESIZJUAByoEBwAngBkAEAmAH4AaAB_yKqAQYwLjIwLjW4AQHIAQD4AQHCAggQABiABBiiBMICChAhGAoYoAEYwwTCAgcQABiABBgNwglEAAYgAQYigUYhgPiawQYACBB&amp;scient=gws-wiz-serp</a></li> </ol>

## *Codiaeum variegatum*



### Plant description

Synonym	Fire croton, garden croton
Biological source	It is a species of plant in the genus <i>Codiaeum variegatum</i> .
Family	Euphorbiaceae (1)
Chemical Constituents	Glaucine, oxoglucine, hemiargyrene
Uses	Treatment of cancer, constipation, diabetes, digestive problems(2)
Marketed preparation	Croton seeds, Croton plus
References	1. <a href="https://en.wikipedia.org/wiki/Codiaeum_variegatum">https://en.wikipedia.org/wiki/Codiaeum_variegatum</a> 2. <a href="https://www.scielo.br/j/jbchs/a/D9DSjGVZ4jFgRPwPypFQVyN/#:~:text=Popular%20uses%20include%20treatment%20of,%2C%20ulcers%20and%20weight%2Dloss">https://www.scielo.br/j/jbchs/a/D9DSjGVZ4jFgRPwPypFQVyN/#:~:text=Popular%20uses%20include%20treatment%20of,%2C%20ulcers%20and%20weight%2Dloss</a>

## Mangifera indica



### Plant description

Synonym	Mango, Aam
Biological source	It consist of tropical fruiting trees in flowering plant <i>Mangifera indica</i> .
Family	Anacardiaceae
Chemical Constituents	Lycine, leucine, cysteine, vallin, arginine
Uses	dentrifrice, antiseptic, astringent, diaphoretic, stomachic(1)
Marketed preparation	Amchoo, Puree(2)
References	1. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3249901/#:~:text=Mangifera%20indica%20(MI)%2C%20also,systems%20for%20over%204000%20years">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3249901/#:~:text=Mangifera%20indica%20(MI)%2C%20also,systems%20for%20over%204000%20years</a> 2. <a href="https://vegetable-machine.com/solution/mango-processing-products-methods">https://vegetable-machine.com/solution/mango-processing-products-methods</a>



## Chamaecostus cuspidatus



### Plant description

Synonym	Fiery costus or spiral flag
Biological source	It is a species of herbaceous plant <i>Chamaecostus cuspidatus</i>
Family	<u>Costaceae</u>
Chemical Constituents	Ascorbic acid, Tocopherol, Carotene, Terpenoids (1)
Uses	antioxidant, antimicrobial, and anti-cancerous(2)
Marketed preparation	Costus Igneus
References	1. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3931203/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3931203/</a> 2. <a href="https://exoticflora.in/products/insulin-plant-indoor-plants#:~:text=The%20leaves%20of%20the%20Insulin,to%201%20gram%20twice%20daily">https://exoticflora.in/products/insulin-plant-indoor-plants#:~:text=The%20leaves%20of%20the%20Insulin,to%201%20gram%20twice%20daily</a>

## Rauwolfia serpentine



### Plant description

Synonym	Rauwolfia root
Biological source	It consists of the dried roots of the plant known as <i>Rauwolfia serpentine Benth.</i>
Family	Apocynaceae
Chemical Constituents	Reserpine, Ajmalin, Rauwolfinine
Uses	Lower blood pressure, Treat hypertension
Marketed preparation	Rauwolfia powder
References	I. C. K. Kokate, S. B. Gokhale, Dr. S. J. Surana, Dr. M. G. Kalaskar, A Text Book of Pharmacognosy,

## Sapindus mukorossi



### Plant description

Synonym	Indian soapberry, washnut, ritha
Biological source	The plant is a deciduous tree of <i>Sapindus mukorossi</i>
Family	Sapindaceae(1)
Chemical Constituents	Monosaturated fatty acids, beta-sitosterol
Uses	Cleanser, insecticide, Surfactant
Marketed preparation	Sapindus mukorossi powder
References	1. <a href="https://en.wikipedia.org/wiki/Sapindus_mukorossi">https://en.wikipedia.org/wiki/Sapindus_mukorossi</a> 2. <a href="https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/sapindus-mukorossi#:~:text=oil%2Dloaded%20HA-,Sapindus%20mukorossi%20(S..activities%20against%20Propionibacterium%20acnes%20(P.">https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/sapindus-mukorossi#:~:text=oil%2Dloaded%20HA-,Sapindus%20mukorossi%20(S..activities%20against%20Propionibacterium%20acnes%20(P.</a>

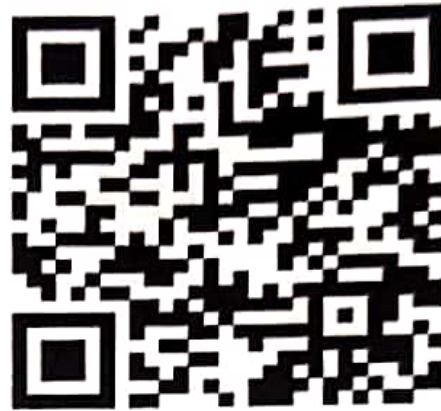
## Azadirachta indica



### Plant description

Synonym	Margosa
Biological source	It consists of leaves and other aerial parts of <i>Azadirachta indica</i> A. Juss.
Family	Meliaceae
Chemical Constituents	Azadirachtin, Salanin, Meliantrol, Nimbin
Uses	Antiseptic, Insecticides
Marketed preparation	Neem Oil
References	1. C. K. Kokate, S. B. Gokhale, Dr. S. J. Surana, Dr. M. G. Kalaskar, A Text Book of Pharmacognosy,

## Juglans Regia



### Plant description

Synonym	Persian walnut, English walnut
Biological source	It consist the fruit of the plant known as <i>Juglans Regia</i>
Family	Juglandaceae
Chemical Constituents	Fatty Acids, Omega-3. Fatty Acids, Omega-6. Fatty Acids, Unsaturated. Polyphenols.(1)
Uses	helminthiasis, diarrhea, sinusitis, stomach aches(2)
Marketed preparation	Juglans regia MT
References	1. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9962597/#:~:text=Introduction-,Juglans%20regia%20Linn.,total%20walnut%20production%20%5B1%5D">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9962597/#:~:text=Introduction-,Juglans%20regia%20Linn.,total%20walnut%20production%20%5B1%5D</a> . 2. <a href="https://www.mdpi.com/2075-1729/13/2/380#:~:text=The%20medicinal%20plant%20Juglans%20regia,diabetes%20mellitus%2C%20anorexia%2C%20thyroid%20dysfunctions">https://www.mdpi.com/2075-1729/13/2/380#:~:text=The%20medicinal%20plant%20Juglans%20regia,diabetes%20mellitus%2C%20anorexia%2C%20thyroid%20dysfunctions</a>

## Grevelia Robusta



### Plant description

Synonym	Southern silky oak, silk oak
Biological source	It Consist of fresh as well as dried flowers of <i>Grevelia robusta</i>
Family	Proteaceae
Chemical Constituents	Graviquinone, dehydrograviphane
Uses	Manufacture of furniture, cabinetry, fences
Marketed preparation	Grevelia robusta powder
References	1. <a href="https://en.wikipedia.org/wiki/Grevillea_robusta">https://en.wikipedia.org/wiki/Grevillea_robusta</a>

## Ficus vasculosa



### Plant description

Synonym	<i>Ficus championii</i> Benth, <i>Ficus renitens</i> Miq.
Biological source	It is a species of flowering plant of <i>Ficus vasculosa</i> .
Family	Moraceae(1)
Chemical Constituents	Cinnamic acid, lactose, quercetin, caffeic acid, stigmasterol(2)
Uses	Diabetes, Liver disorders, diarrhea
Ficus vasculosa	Ficus vasculosa Powder
References	1. <a href="https://en.wikipedia.org/wiki/Ficus#:~:text=Ficus%20(%2F%CB%88fa%C9%AAk,The%20common%20fig%20(F">https://en.wikipedia.org/wiki/Ficus#:~:text=Ficus%20(%2F%CB%88fa%C9%AAk,The%20common%20fig%20(F</a> 2. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4015825/#:~:text=The%20leaves%2C%20bark%20and%20fruits,plant%20%5B7%2D10%5D">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4015825/#:~:text=The%20leaves%2C%20bark%20and%20fruits,plant%20%5B7%2D10%5D</a> .

## Plumeria rubra



### Plant description

Synonym	Frangipani
Biological source	It is deciduous plant consist of flowers of the plant <i>Plumeria rubra</i> .
Family	Apocynaceae
Chemical Constituents	Benzyl esters (49.0%, 41.4%), aliphatic alkanes(2)
Uses	Antifertility, anti-inflammatory, Antioxidant
Marketed preparation	Frangipani fragrance
References	<a href="https://www.google.com/url?sa=t&amp;source=web&amp;rct=j&amp;opi=89978449&amp;url=https://en.m.wikipedia.org/wiki/Plumeria_rubra&amp;ved=2ahUKEwj1vlbekKiEAxVTTWwGHt9TC18QFnoECBcQAQ&amp;usg=AOvVaw3C0dsUDMbPEHiSxhOBXu8K">https://www.google.com/url?sa=t&amp;source=web&amp;rct=j&amp;opi=89978449&amp;url=https://en.m.wikipedia.org/wiki/Plumeria_rubra&amp;ved=2ahUKEwj1vlbekKiEAxVTTWwGHt9TC18QFnoECBcQAQ&amp;usg=AOvVaw3C0dsUDMbPEHiSxhOBXu8K</a>



## Mimusops elengi



### Plant description

Synonym	Spanish cherry
Biological source	<i>Mimusops elengi</i>
Family	Sapotaceae
Chemical Constituents	Saponin, Tannin, gallic acid, ascorbic acid
Uses	Anthelmintic, Astringents, Antioxidant
Marketed preparation	Churna, kwatha
References	<a href="https://www.iafaforallergy.com/herbs-a-to-z/bakula-mimusops-elengi/#:~:text=Bakula%2C%20commonly%20known%20as%20Bullet,the%20tree%20grows%20very%20quickly.">https://www.iafaforallergy.com/herbs-a-to-z/bakula-mimusops-elengi/#:~:text=Bakula%2C%20commonly%20known%20as%20Bullet,the%20tree%20grows%20very%20quickly.</a>

## Elaeocarpus ganitrus



### PlantDescription

Synonym	Rudraksh
Biological source	The dried stones or seeds of the genus <i>Elaeocarpus</i> specifically, <i>Elaeocarpus ganitrus</i> .(1)
Family	Elaeocarpaceae (2)
Chemical Constituents	Alkaloids, Flavonoids, Tannins, Steroids.(3)
Uses	In the treatment of stress, anxiety, depression, palpitation(4)
Marketed preparation	Rudraksha churna, Rudraksha hima (cold infusion), Rudraksha Milk, Rudraksha decoction (gargling), Rudraksha Lehyam, Rudraksha Vibhuti, Rudraksha oil, (5)
References	1. <a href="https://www.researchgate.net/figure/Details-of-the-commercial-shatavari-products-used-in-this-study-Sample-no-Product-form_tbl1_224821599">https://www.researchgate.net/figure/Details-of-the-commercial-shatavari-products-used-in-this-study-Sample-no-Product-form_tbl1_224821599</a> 2. <a href="https://en.m.wikipedia.org/wiki/Rudraksha">https://en.m.wikipedia.org/wiki/Rudraksha</a> 3. <a href="https://globalresearchonline.net/journalcontents/v34-1/10.pdf">https://globalresearchonline.net/journalcontents/v34-1/10.pdf</a> 4. <a href="https://scialert.net/fulltext/?doi=rjmp.2013.23.31">https://scialert.net/fulltext/?doi=rjmp.2013.23.31</a> 5. <a href="https://www.ijpbs.com/view.php?iid=2343">https://www.ijpbs.com/view.php?iid=2343</a>

## Lawsonia Inermis



### Plant Description

Synonym	Hina, Henna tree
Biological source	Obtained from the leaves of <i>Lawsonia inermis</i> of family Lythraceae
Family	Lythraceae
Chemical Constituents	Gallic acid, white resin, sugar
Uses	Jaundice, leprosy, spleen enlargement
Marketed preparation	Heena, mehendi powder, Red henna
References	1. <a href="https://www.google.com/url?sa=t&amp;source=web&amp;ret=j&amp;opi=89978449&amp;url=https://en.m.wikipedia.org/wiki/Lawsonia_inermis&amp;ved=2ahUKewiU0NKUnqiEAXUY-jgGHIQthABIQFnoECDcQAQ&amp;usg=AOvVawITuduTDqZ7VMLj-PsdaOp7">https://www.google.com/url?sa=t&amp;source=web&amp;ret=j&amp;opi=89978449&amp;url=https://en.m.wikipedia.org/wiki/Lawsonia_inermis&amp;ved=2ahUKewiU0NKUnqiEAXUY-jgGHIQthABIQFnoECDcQAQ&amp;usg=AOvVawITuduTDqZ7VMLj-PsdaOp7</a>

## Withania somnifera



### Plant description

Synonym	Indian winter cherry
Biological source	It consists of the dried roots and stem bases of <i>Withania somnifera</i> Dunal.
Family	Solanaceae
Chemical Constituents	Mahanimbine, Girinimbine, mahanine(2)
Uses	Lower blood sugar, increased muscle and strength
Marketed preparation	Curry leaves powder, curry leaves extract.

## Madhuca longifolia



### Plant description

Synonym	Mahua, Mahwa
Biological source	It consists of whole plant known as <i>Madhuca longifolia</i>
Family	Sapotaceae
Chemical Constituents	Glycine, Alanine, Cystein, Leucin, Isoleucin(1)
Uses	cancer, ulcers, as well as snakebite.(2)
Marketed preparation	Madhuca Indica Oil, Madhuca powder.
References	1. <a href="https://journals.lww.com/aptm/fulltext/2018/11010/biological,_chemical_and_pharmacological_aspects.2.aspx#:~:text=%5B23%5D.-,Madhuca%20longifolia%20(M.,%2C%20Nepal%2C%20and%20Sri%20Lanka">https://journals.lww.com/aptm/fulltext/2018/11010/biological,_chemical_and_pharmacological_aspects.2.aspx#:~:text=%5B23%5D.-,Madhuca%20longifolia%20(M.,%2C%20Nepal%2C%20and%20Sri%20Lanka</a> 2. <a href="https://www.researchgate.net/figure/Parts-of-Madhuca-longifolia_fig1_309180846#:~:text=Madhuca%20longifolia%20has%20pharmaceutical%2C%20ethnomedicinal,ulcers%2C%20as%20well%20as%20snakebite.">https://www.researchgate.net/figure/Parts-of-Madhuca-longifolia_fig1_309180846#:~:text=Madhuca%20longifolia%20has%20pharmaceutical%2C%20ethnomedicinal,ulcers%2C%20as%20well%20as%20snakebite.</a>

## Annona muricata



### Plant description

Synonym	Soursop, Prickly Custard Apple,
Biological source	It consists the fruit of the plant <i>Annona muricata</i> L.(2)
Family	Annonaceae(1)
Chemical Constituents	Alpha-pinene, Eugenol, beta-pinene(3)
Uses	diarrhea and neuralgia, eliminate worms and parasites(4)
Marketed preparation	<u>Soursop Leaf (Annona Muricata) Standardized Extract Powder,</u> <u>Bulk Supplements Guanabana Extract (Soursop)</u>
References	1. <a href="https://en.wikipedia.org/wiki/Soursop">https://en.wikipedia.org/wiki/Soursop</a> 2. <a href="https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/annona-muricata#:~:text=Soursop%20(Annona%20muricata%20L.)%20is%20a%20species%20natural%20to,in%20a%20large%20pulpy%20structure.">https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/annona-muricata#:~:text=Soursop%20(Annona%20muricata%20L.)%20is%20a%20species%20natural%20to,in%20a%20large%20pulpy%20structure.</a> 3. <a href="https://www.researchgate.net/figure/Chemical-composition-of-Annona-muricata-leaf-essential-oil-from-Nigeria_tbl1_255171683">https://www.researchgate.net/figure/Chemical-composition-of-Annona-muricata-leaf-essential-oil-from-Nigeria_tbl1_255171683</a> 4. <a href="https://www.google.com/search?q=annona+muricata+medicinal+uses&amp;source=lmns&amp;bih=641&amp;biw=1366&amp;hl=en&amp;sa=X&amp;ved=2ahUKewiZo_TvyqyEAXVclGMGHWjwBPAQ0pQJKAB6BAgBEAI">https://www.google.com/search?q=annona+muricata+medicinal+uses&amp;source=lmns&amp;bih=641&amp;biw=1366&amp;hl=en&amp;sa=X&amp;ved=2ahUKewiZo_TvyqyEAXVclGMGHWjwBPAQ0pQJKAB6BAgBEAI</a>

## Chlorophytum borivillianum



### Plant description

Synonym	sweet flag, sway or muskrat root
Biological source	It consist of tuber crop of the plant <i>Chlorophytum borivillianum</i>
Family	Liliaceae (1)
Chemical Constituents	stigmasterol, hacogenin, triterpenoids, Gallo-tannins, potassium(2)
Uses	joint pain, diabetes, diarrhea, diuretic, aphrodisiac, astringent(2)
Marketed preparation	Acorus calamus CH - 1M 30ml, Calamus Root Powder
References	1. <a href="https://agritech.tnau.ac.in/banking/pdf/Safed%20Musli.pdf">https://agritech.tnau.ac.in/banking/pdf/Safed%20Musli.pdf</a> 2. Manish Grover, Chlorophytum borivillianum (Safed Musli) : Nature's Wonder Gift, Journal of Ayurveda and Integrated Medical Sciences   July - Aug 2021   Vol. 6   Issue 4

## Ficus benghalensis



### Plant description

Synonym	Banyan Tree, Banyan
Biological source	It is a species of flowering plant known as <i>Ficus benghalensis</i>
Family	Moraceae (1)
Chemical Constituents	Stigmasterol, hagenin, triterpenoids, Gallo-tannins, potassium(2)
Uses	Burning sensation, ulcers, and painful skin diseases (2)
Marketed preparation	Neotea Alam Pazham, Bargad Ki Dadhi
References	1. <a href="https://www.sciencedirect.com/topics/biochemistry-genetics-and-molecular-biology/ficus-benghalensis#:~:text=17.3.,spreading%20branches%20bearing%20aerial%20r%20oots">https://www.sciencedirect.com/topics/biochemistry-genetics-and-molecular-biology/ficus-benghalensis#:~:text=17.3.,spreading%20branches%20bearing%20aerial%20r%20oots</a> 2. <a href="https://www.lmg.com/ayurveda/banyan-217#:~:text=The%20banyan%20tree%20has%20been,inflammation%20and%20toothache%5B9%5D.">https://www.lmg.com/ayurveda/banyan-217#:~:text=The%20banyan%20tree%20has%20been,inflammation%20and%20toothache%5B9%5D.</a>



## Terminalia arjuna



### Plant description

Synonym	Arjun bark, arjun
Biological source	Arjuna consists of dried stem bark of the plant known as <i>Terminalia arjuna</i> Rob.
Family	Combretaceae (1)
Chemical Constituents	Catechol, Gallo catechol, arjune-tin, arjungenin, arjunglucoside I and II
Uses	diuretic and astringent,
Marketed preparation	Abana, Geriforte, Liv 52, Mentat, Arjun Ghrita, Arjun churna (1)
References	1. <a href="https://www.pharmacy180.com/article/arjuna-317/#:~:text=Biological%20Source,Rob%2C%20belonging%20to%20family%20Combretaceae.">https://www.pharmacy180.com/article/arjuna-317/#:~:text=Biological%20Source,Rob%2C%20belonging%20to%20family%20Combretaceae.</a>

## Cassia fistula



### Plant Description

Synonym	Purging cassia
Biological source	The dried roots and leaves of cassia fistula commonly known as <i>Purguing cassia</i>
Family	Leguminosae (1)
Chemical Constituents	Sennoside A,B, volatile oil, tannins, oxyanthoquinones(1)
Uses	Healing of wounds and burns(2)
Marketed preparation	Cassia fistula CH - 1M 30ml, Herbo Natural Cassia fistula Extract Capsule
References	1. <a href="https://www.google.com/url?sa=i&amp;url=https%3A%2F%2Fslideplayer.com%2Fslide%2F2479354%2F&amp;psig=AOvVaw3rMrVyQn67V637iOeupjEE&amp;ust=1708065767357000&amp;source=images&amp;cd=vfe&amp;opi=89978449&amp;ved=0CBMQjhxqFwoTCLDhlYHgrlQDFQAAAAAdAAABAD">https://www.google.com/url?sa=i&amp;url=https%3A%2F%2Fslideplayer.com%2Fslide%2F2479354%2F&amp;psig=AOvVaw3rMrVyQn67V637iOeupjEE&amp;ust=1708065767357000&amp;source=images&amp;cd=vfe&amp;opi=89978449&amp;ved=0CBMQjhxqFwoTCLDhlYHgrlQDFQAAAAAdAAABAD</a> 2. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5355816/#:~:text=%2C%202011%20%E2%96%B6).,-,C.,Black%20viscid%20pulp%20of%20C.">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5355816/#:~:text=%2C%202011%20%E2%96%B6).,-,C.,Black%20viscid%20pulp%20of%20C.</a>

## Citrus limon



### Plant description

Synonym	Lemon, Limbu
Biological source	Lemon is the fruit obtained from <i>Citrus limon</i> .
Family	Rutaceae
Chemical Constituents	Vitamin C, Citric acid, Vitamin B, Terpenes, Tannins
Uses	Reducing skin wrinkling, Remove dead skin, dirt(1)
Marketed preparation	Lemon oil, Dry lemon powder
References	1. <a href="https://www.google.com/url?sa=i&amp;url=https%3A%2F%2Fwww.slideshare.net%2FAlokRajput32%2Fherbal-cosmetics-herbal-drug-technology-b-pharmacy&amp;psig=AOvVaw2Dhq4YtTePrbeO2V6dxpgx&amp;ust=1708067406672000&amp;source=images&amp;cd=vfe&amp;opi=89978449&amp;ved=0CBMQjhqxqFwoTCOi3rYrmlQDFQAAAAAdAAAAABAN">https://www.google.com/url?sa=i&amp;url=https%3A%2F%2Fwww.slideshare.net%2FAlokRajput32%2Fherbal-cosmetics-herbal-drug-technology-b-pharmacy&amp;psig=AOvVaw2Dhq4YtTePrbeO2V6dxpgx&amp;ust=1708067406672000&amp;source=images&amp;cd=vfe&amp;opi=89978449&amp;ved=0CBMQjhqxqFwoTCOi3rYrmlQDFQAAAAAdAAAAABAN</a>

## Diospyros mespiliformis



### Plant description

Synonym	Jackal berry
Biological source	It is a dioecious tree known as <i>Diospyros mespiliformis</i>
Family	Ebenaceae
Chemical Constituents	Fatty Acids, Omega-3. Fatty Acids, Omega-6. Fatty Acids, Unsaturated. Polyphenols.(1)
Uses	wound dressing, syphilis, anthelmintic and fever(2)
Marketed preparation	Diospyros mespiliformis powder
References	1. <a href="https://en.wikipedia.org/wiki/Diospyros_mespiliformis#:~:text=Diospyros%20mespiliformis%2C%20the%20jackalberry%20(also,to%20the%20true%20ebony%20(1).">https://en.wikipedia.org/wiki/Diospyros_mespiliformis#:~:text=Diospyros%20mespiliformis%2C%20the%20jackalberry%20(also,to%20the%20true%20ebony%20(1).</a> 2. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6595169/#:~:text=Tannins%2C%20alkaloids%2C%20saponins%2C%20flavonoids,et%20al.%2C%202012).">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6595169/#:~:text=Tannins%2C%20alkaloids%2C%20saponins%2C%20flavonoids,et%20al.%2C%202012).</a>

## Terminalia belerica



### Plant description

Synonym	Behda, Bibhitak, Bayada
Biological source	It consist of dried ripe fruits of the plant <i>Terminalia belerica</i> Linn.
Family	Combretaceae
Chemical Constituents	Beta-sitosterol, gallic acid, ellagic acid, ethyl gallate
Uses	Astringent, dyspepsia, diarrhea, Purgative, demulcent
Marketed preparation	Sage Triphala Syrup
References	1. <a href="https://www.slideshare.net/anupray6/baheda-by-anup-ray">https://www.slideshare.net/anupray6/baheda-by-anup-ray</a>

## Vitex negundo



### Plant description

Synonym	Nirgundi
Biological source	It consist the dried leaves of <i>Vitex negundo</i> .
Family	Verbenaceae
Chemical Constituents	Vitamin-C, artemetin, vitedoamine A, vitedoin B
Uses	antibacterial, laxative, antioxidant, anticonvulsant, hypoglycaemic
Marketed preparation	Nirgundi leaves powder, Nirgundi Oil(1)
References	1. <a href="https://pharomeasy.in/blog/ayurveda-benefits-uses-side-effects-of-nirgundi/#:~:text=Introduction%3A,m%20in%20the%20outer%20Himalayas">https://pharomeasy.in/blog/ayurveda-benefits-uses-side-effects-of-nirgundi/#:~:text=Introduction%3A,m%20in%20the%20outer%20Himalayas</a>

## Baliospermum montanum



### Plant description

Synonym	Hastidanti
Biological source	It is a stout undershrub with numerous flowers of the plant <i>Baliospermum montanum</i> .
Family	Euphorbiaceae(1)
Chemical Constituents	baliospermin, montanin, axillarenic acid(2)
Uses	constipation, abdominal pain, purgative, tonic, anthelmintic, diuretic (1)
Marketed preparation	Yuvika dantimool
References	1. <a href="https://en.wikipedia.org/wiki/Baliospermum_montanum">https://en.wikipedia.org/wiki/Baliospermum_montanum</a> 2. <a href="https://www.sdach.ac.in/about-dravyaguna-vigyan/dravyaguna-vigyan-blogs/danti/">https://www.sdach.ac.in/about-dravyaguna-vigyan/dravyaguna-vigyan-blogs/danti/</a>

## Artocarpus heterophyllus



### Plant description

Synonym	Jackfruit
Biological source	It is the fruit of jack tree <i>Artocarpus heterophyllus</i> .
Family	Moraceae
Chemical Constituents	ethyl isovalerate, propyl isovalerate, butyl isovalerate, 1-butanol, and 2-methylbutan-1-ol (1)
Uses	Diabetes, Wound healing(2)
Marketed preparation	Jackfruit extract, Kantahal essential oil
References	1. <a href="https://en.wikipedia.org/wiki/Jackfruit">https://en.wikipedia.org/wiki/Jackfruit</a> 2. <a href="https://www.webmd.com/vitamins/ai/ingredientmono-1487/jackfruit#:~:text=Jackfruit%20leaves%20and%20roots%20contain,evidence%20to%20support%20these%20uses.">https://www.webmd.com/vitamins/ai/ingredientmono-1487/jackfruit#:~:text=Jackfruit%20leaves%20and%20roots%20contain,evidence%20to%20support%20these%20uses.</a>



## Artocarpus lacucha



### Plant description

Synonym	Monkey jack, Monkey fruit
Biological source	It is the tropical fruit species of the plant <i>Artocarpus lacucha</i> .
Family	Moraceae
Chemical Constituents	Carotene, thiamine, Pectin, Phosphorous(1)
Uses	Anti-inflammatory, Anti-cancer, Anti-viral(2)
Marketed preparation	Jackfruit extract, Kantahal essential oil
References	1. <a href="https://en.wikipedia.org/wiki/Artocarpus_lacucha">https://en.wikipedia.org/wiki/Artocarpus_lacucha</a> 2. <a href="https://www.isca.in/IJBS/Archive/v5/i1/9.ISCA-IRJBS-2015-143.pdf">https://www.isca.in/IJBS/Archive/v5/i1/9.ISCA-IRJBS-2015-143.pdf</a>

## Carrisa Spinarum



### Plant description

Synonym	Conker berry, bush plum
Biological source	It is a large shrub of the plant <i>Carrisa spinarum</i> .
Family	Apocynaceae(1)
Chemical Constituents	Caffeic acid, carissone, protocatechuic acid, vanillic acid
Uses	Anti-diabetics, Anti-cancer, Anti-pyretic(2)
Marketed preparation	Xetomos Khirmi Essential Oil 30 ml Carissa spinarum
References	1 <a href="https://en.wikipedia.org/wiki/Carissa_spinarum">https://en.wikipedia.org/wiki/Carissa_spinarum</a> 2 <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8624575/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8624575/</a>

## Embilica Officinalis



### Plant description

Synonym	Amla
Biological source	This is consist of dried as well as fresh fruits pericarp of the plant <i>Embilica officinalis</i> .
Family	Euphorbiaceae
Chemical Constituents	ascorbic acid, ellagitannins, emblicanin A, emblicanin B (1)
Uses	Maintaining blood sugar level, hair fall
Marketed preparation	Amla powder, Amla juice, Amla paste, Amla oil
References	1 <a href="https://en.wikipedia.org/wiki/Phyllanthus_emblica">https://en.wikipedia.org/wiki/Phyllanthus_emblica</a> 2 <a href="https://www.slideshare.net/SridebeshGhorui1/amla-118466793">https://www.slideshare.net/SridebeshGhorui1/amla-118466793</a>

## Aloe



### Plant description

Synonym	Aloe, Musabbar
Biological source	Aloe is obtained from dried juice of the leaves <i>Aloe barbadensis</i> Miller
Family	Liliaceae
Chemical Constituents	Barbaloin, Isobarbaloin, aloe-emodin, Aloeinoside A and B
Uses	Purgative, Laxative, Ulcers and burns
Marketed preparation	Aloevera multipurpose gel, Dabue aloevera juice, Aloevera vinegar (1)
References	1 <a href="https://www.slideshare.net/MaheshK148/aloe-aloe-vera">https://www.slideshare.net/MaheshK148/aloe-aloe-vera</a>

## Tabernaemontana divaricata



### Plant description

Synonym	Crape jasmine, East India rosebay
Biological source	It is consist of the fresh as well as dried leaves of <i>Tabernaemontana divaricate</i> .
Family	Apocynaceae
Chemical Constituents	catharanthine, coronaridine, dregamine, ibogamine, tabersonine, voacangine, voacamine and voacristine(1)
Uses	liver disease, abdominal pain, prevent stroke(2)
Marketed preparation	Crepe jasmine extract
References	1. <a href="https://en.wikipedia.org/wiki/Tabernaemontana_divaricata">https://en.wikipedia.org/wiki/Tabernaemontana_divaricata</a> 2. <a href="https://www.webmd.com/vitamins/ai/ingredientmono-617/jasmine#:~:text=Jasmine%20has%20been%20used%20for,%2C%20and%20in%20cancer%20treatment.">https://www.webmd.com/vitamins/ai/ingredientmono-617/jasmine#:~:text=Jasmine%20has%20been%20used%20for,%2C%20and%20in%20cancer%20treatment.</a>

## Ficus Laurifolia



### Plant description

Synonym	Laurifolia Banyan
Biological source	It consist the leaves of the plant known as <i>Ficus Laurifolia</i> .
Family	Moraceae(1)
Chemical Constituents	Alkaloids, phenol
Uses	Antiulcer, Antibacterial, Anti-diabetic
Marketed preparation	Ficus Laurifolia powder
References	1. <a href="https://en.wikipedia.org/wiki/Ficus_laurifolia">https://en.wikipedia.org/wiki/Ficus_laurifolia</a> 2. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6595169/#:~:text=Tannins%2C%20alkaloids%2C%20saponins%2C%20flavonoids,et%20al.%2C%202012).">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6595169/#:~:text=Tannins%2C%20alkaloids%2C%20saponins%2C%20flavonoids,et%20al.%2C%202012).</a>

## Jatropha integerrima



Synonym	Peregrina
Biological Source	It is a shrub to small tree <i>Jatropha integerrima</i> .
Family	Euphorbiaceae
Chemical Constituents	Chemical constituents of <i>J. integerrima</i> essential oils. had a high percentage of $\beta$ -ionone (10.8%). The oxygenated sesquiterpenes identified were caryophyllene oxide (0.6-4.7%), $\tau$ -cadinol (0.1-0.7%) and $\alpha$ -cadinol (0.1-1.0%)
Uses	Eczema, pruritus and skin warts
Marketed Preparation	Silver Nanoparticles
References	1. <a href="https://www.cabidigitallibrary.org/doi/full/10.1079/cabicompendium.28395#:~:text=Jatropha%20integerrima%20is%20a%20shrub,listed%20as%20an%20invasive%20species">https://www.cabidigitallibrary.org/doi/full/10.1079/cabicompendium.28395#:~:text=Jatropha%20integerrima%20is%20a%20shrub,listed%20as%20an%20invasive%20species</a> 2. <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8781579/#:~:text=Jatropha%20integerrima%20Jacq%20(syn.,warts%20%5B9%2C10%5D">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8781579/#:~:text=Jatropha%20integerrima%20Jacq%20(syn.,warts%20%5B9%2C10%5D</a> 3. <a href="https://journals.sagepub.com/doi/pdf/10.1177/1934578X0700200813#:~:text=Table%201%3A%20Chemical%20constituents%20of,integerrima%20essential%20oils.&amp;text=had%20a%20high%20percentage%20of,cadinol%20(0.1%2D1.0%25)">https://journals.sagepub.com/doi/pdf/10.1177/1934578X0700200813#:~:text=Table%201%3A%20Chemical%20constituents%20of,integerrima%20essential%20oils.&amp;text=had%20a%20high%20percentage%20of,cadinol%20(0.1%2D1.0%25)</a>

## Indian Coleus Plant, *Coleus barbatus*



Synonyms	Mine Mool
Biological Source	It is a genus of annual or perennial herbs or shrubs <i>Coleus barbatus</i>
Family	<u>Lamiaceae</u>
Chemical Constituent	<i>Coleus barbatus</i> contain rosmarinic acid and also flavonoid glucuronides and diterpenoids
Uses	Analgesic, ophthalmic, and febrifuge. It is very useful in epilepsy
Marketed Preparations	1. Trust Herb <i>Coleus Forskohlii</i> Vernacular Makandi <i>Plectranthus Barbatus</i> 500 Gm. 2. GREENDORSE <i>Coleus Forskohlii</i> ( <i>Plectranthus barbatus</i> ) Powder
References	1. <a href="https://en.wikipedia.org/wiki/Main_Page">https://en.wikipedia.org/wiki/Main_Page</a> 2. <a href="https://www.webmd.com/vitamins/ai/ingredientmono-1044/coleus#:~:text=Coleus%20or%20forskolin%20are%20used,support%20any%20of%20these%20uses">https://www.webmd.com/vitamins/ai/ingredientmono-1044/coleus#:~:text=Coleus%20or%20forskolin%20are%20used,support%20any%20of%20these%20uses</a>



## Bombax ceiba L



Synonyms	Red silk cotton
Biological Source	It consists of dried stem bark of the plant known as <i>Bombax ceiba L.</i>
Family	Malvaceae
Chemical Constituent	alkaloids, steroids, terpenoids, phlobatannins, carbohydrates
Uses	To treat STDs, menstrual abnormalities and Abortifacient, antibacterial, diuretic, and antioxidant, anti-pyretic and analgesic activity. Consumption of filtered juice of leaves purifies the blood. Leucorrhoea can be cured by taking root powder twice a day
Marketed Preparations	1. Yuvika Mochras 2. semalmulsi
References	1. <a href="https://www.researchgate.net/figure/List-of-chemical-constituents-isolated-from-the-various-part-of-Bombax-ceiba-27_tbl1_272694203">https://www.researchgate.net/figure/List-of-chemical-constituents-isolated-from-the-various-part-of-Bombax-ceiba-27_tbl1_272694203</a> 2. <a href="https://ccari.icar.gov.in/Jyeshta-Shimalo.html">https://ccari.icar.gov.in/Jyeshta-Shimalo.html</a>

## Limonia acidissima



Synonyms	Wood apple, Elephant-apple,
Biological Source	It consists of the unripe or half-ripe fruits or their slices or irregular pieces of <i>Aegle marmelos</i> .
Family	Rutaceae
Chemical Constituent	Flavonoid, saponin, tannin, coumarin, and tyramine. Besides, wood apple also contains alkaloid compounds, saponin, and phytochemicals in the form of phenol.
Uses	fruit is used to make a fruit juice with <u>astringent</u> properties and jams
Marketed Preparations	1. Wood Apple Sharbat 2. Chutney, fruit bar, RTS, squash, nectar, pickle, jam, jelly, pulp powder
References	1. <a href="https://journal.fkm.ui.ac.id/ijphn/article/download/5652/1366">https://journal.fkm.ui.ac.id/ijphn/article/download/5652/1366</a> 2. <a href="https://www.thepharmajournal.com/archives/2022/vol11issue1/PartW/11-1-151-141.pdf">https://www.thepharmajournal.com/archives/2022/vol11issue1/PartW/11-1-151-141.pdf</a>

## Lantana Camara



Synonyms	Sage, Caturang, Ghaneri, West Indian Lantana
Biological Source	It is an annual or perennial, small, broadleaf evergreen shrub <i>Lantana Camara</i> .
Family	Verbenaceae
Chemical Constituent	[3, 7, 11-trimethyl-1, 6, 10-dodecatriene (28.86%), beta-caryophyllene (12.28%), zingiberene (7.63%), gamma-curcumene (7.50%) and alpha-humulene (3.99%)]
Uses	antimicrobial, fungicidal and insecticidal, treating a variety of ailments, including cancer, skin itches, leprosy, chicken pox, measles, asthma and ulcers
Marketed Preparations	1. Lantana essential oil
References	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7885186/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7885186/</a> <a href="https://pubmed.ncbi.nlm.nih.gov/20645797/">https://pubmed.ncbi.nlm.nih.gov/20645797/</a>

## Ixora Red Plant



Synonyms	Javanese Ixora, Red Ixora, Jungle Flame, Jungle Geranium, Pecah Periuk
Biological Source	It consist of flower of the plant <i>Ixora coccinea</i>
Family	Rubiaceae
Chemical Constituent	Rutin flavonoids, D- mannitol, Anthocyanin Glycosides
Uses	Antioxidant, antimicrobial, anticancer
Marketed Preparations	1.Ixora red plant powder
References	<a href="https://www.eurchembull.com/uploads/paper/f1f4eeb83bbd06ccff390fa7c4cd9fdc.pdf">https://www.eurchembull.com/uploads/paper/f1f4eeb83bbd06ccff390fa7c4cd9fdc.pdf</a> <a href="https://www.nparks.gov.sg/florafaunaweb/flora/2/1/2136">https://www.nparks.gov.sg/florafaunaweb/flora/2/1/2136</a>

## Tectona grandis



Synonyms	Sag, teak
Biological Source	It consist of a large, deciduous tree , with grey to greyish-brown branches of plant <i>Tectona grandis</i> .
Family	Lamiaceae
Chemical Constituent	flavonoids, phenolics, alkaloids, and certain glycosides
Uses	Laxative, sedative, in treatment of piles, dysentery, leukoderma, anti-inflammatory, in bronchitis, urinary and liver related troubles, as hair promoter and useful in scabies.
Marketed Preparations	1. Tectona grandis powder
References	<a href="https://indiabiodiversity.org/species/show/31257">https://indiabiodiversity.org/species/show/31257</a> <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8913375/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8913375/</a>

## Cocos nucifera



Synonym	Coconut, Naral
Biological Source	It consist of green leafy plant of <i>Cocos nucifera L.</i>
Family	Areaceae
Chemical Constituents	Phenol. Tannins, Flavonoids, Steroids, Alkaloids, Triterpenes
Uses	Antibacterial, Antiviral, Antiparasitic, Antioxidant
Marketed Preparation	Coconut Flour, Coconut Oil, Coconut Powder
References	1. <a href="https://pubmed.ncbi.nlm.nih.gov/21771462/#:~:text=The%20arts%20of%20its%20fruit,%2C%20hypoglycemic%2C%20hepatoprotective%2C%20immunostimulant.2.https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4671521/">https://pubmed.ncbi.nlm.nih.gov/21771462/#:~:text=The%20arts%20of%20its%20fruit,%2C%20hypoglycemic%2C%20hepatoprotective%2C%20immunostimulant.2.https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4671521/</a>

## Duranta erecta



Synonyms	Golden dewdrop
Biological Source	Is a species of flowering shrub of <i>Duranta erecta</i> .
Family	Verbenaceae.
Chemical Constituent	Beta-sitosterol, Naringenin, Acteoside, Lamiide, Sucrose and Raffinose
Uses	Ermifuge, Febrifuge, Diuretic, Anti-Parasitic, Anti-malaria
Marketed Preparations	Duranta powder
References	<a href="https://en.wikipedia.org/wiki/Duranta_erecta">https://en.wikipedia.org/wiki/Duranta_erecta</a> <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5214555/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5214555/</a>