

Urban Trees of Hawai'i

Identification and Assessment Guide



A collaborative project of Kaulunani Urban and Community Forestry Program

This Identification tool has been created for purpose of identifying common urban trees in Hawai'i, as a part of the Citizen Forester Program; a project of Kaulunani Urban & Community Forestry Program. Intended for educational purposes only, do not distribute.

www.Kaulunani.org

Assessment Guide

Common Name:

Dead/Stumps, Unknown if uncertain.

Number of Stems:

Does stem come from the ground?

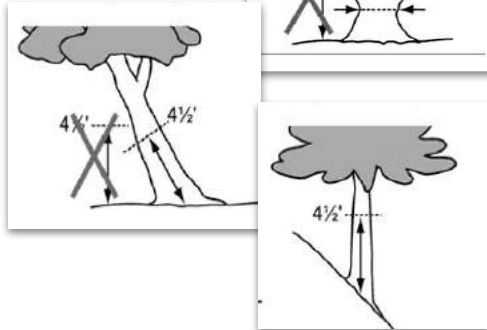
From ground=stem
From stem=branch
Use your best judgement.



DSH:

Multistems: Take DSH of each stem at 4.5ft, calculate in TreePlotter.

Use area that best represents DSH if abnormal at 4.5ft.



% Dieback:

Dieback is from the EDGES of the crown.

It is an indicator of root problems.

What is NOT dieback:

- empty branches with buds
- branches under the canopy that die from lack of light

Live Crown ratio:

Use the shaka!



Do Ratio when collecting height measurement

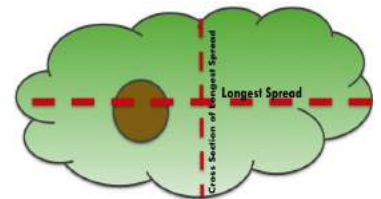
Height:

Palms: Measure to the *bottom* of fronds.



Crown Spread:

Perpendicular drip lines.



Use pace or horizontal feature on hypsometer if in a difficult space.

Condition:
based on crown method

GOOD

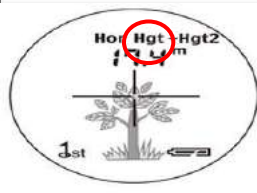
If the defect level for all of these categories, collectively, is **less than 15%**

FAIR

If the defect level is **between 15-50%**

POOR

If the defect level is **greater than 50%**

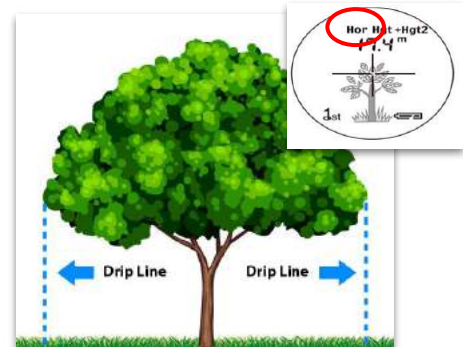


Use best estimate if the hypsometer is not calibrated.

Use people's height or nearby buildings to estimate.

Wires: Conflicting if wires are within 10 ft of tree

Growth Space: Park is usually bare soil



Deciduous leaf loss

How to record:

- Record measurements the way they are **present at the time you are observing** them.
- Indicate "Deciduous leaf loss" in comment

Common Deciduous Trees

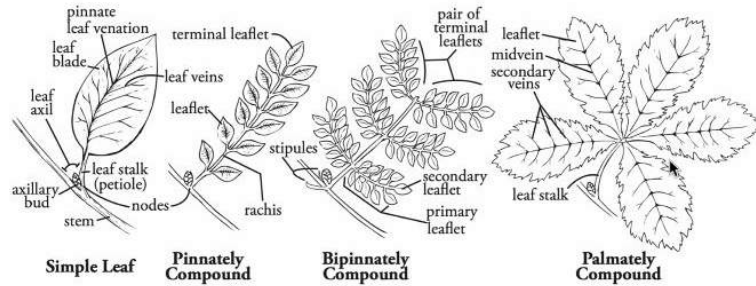
Plumeria	Narra
Gold tree	Crepe Myrtle
Royal Poinciana	Monkeypod
Ficus (partially)	Wiliwili



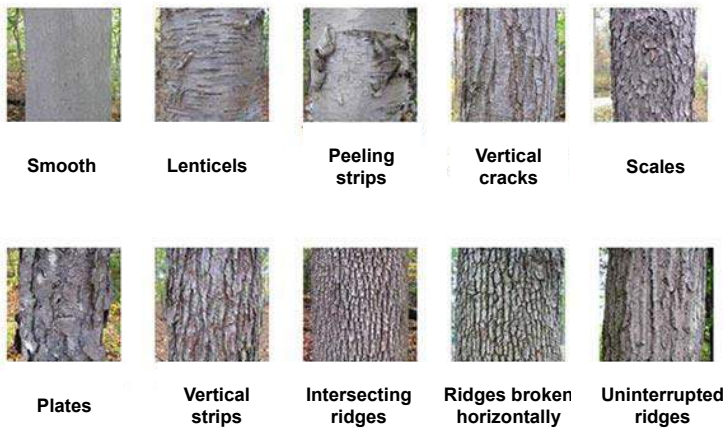
Identification Characteristics



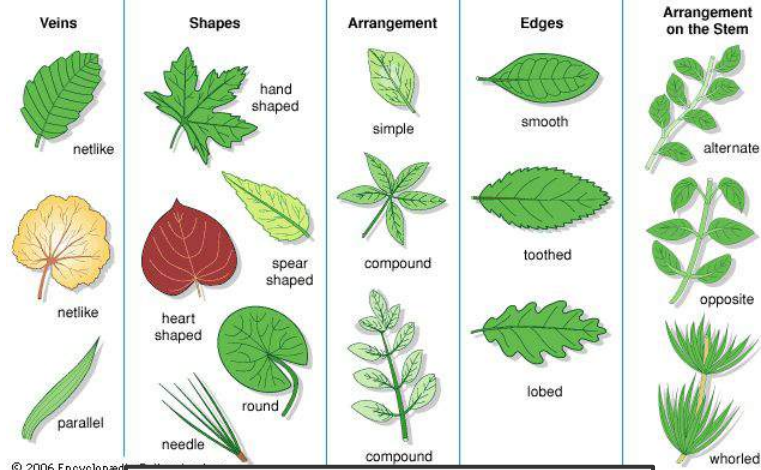
(From left to right: Coconut, Manila, Fiji Fan, Alexander, Aiphanes, Pygmy Date, Royal)



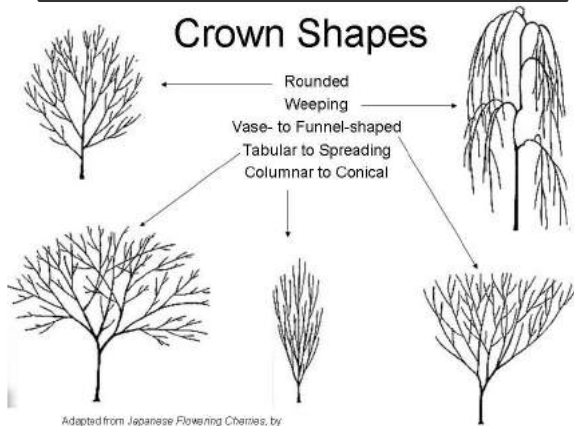
Palm Trunk Examples



Leaf Morphology



Bark Examples

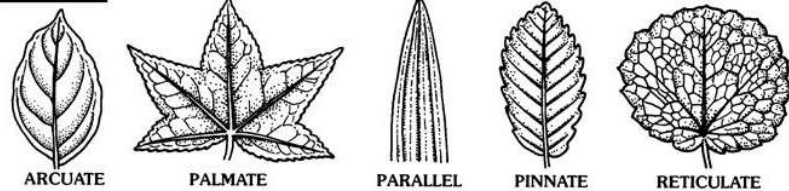


Adapted from Japanese Flowering Cherries, by Wybe Kuitert, Timber Press, 1999

Crown Shapes

Leaf Morphology

VENATION



Leaf Venation

Other Tools:

1. Use the [Pacific Island Dichotomous Tree Key](#)
2. Complete an [Unidentifiable Tree Form](#)



AFRICAN MIMUSOPS - *Mimusops caffra*
Stem: twisted, dark grey bark, wrinkled longitudinally. ≤ 50 cm (20 in) DSH **Height:** 12-82ft **Leaves:** alternate, hard, leathery, rounded tips. **Flowers:** white star-like, 0.39-0.79" in bunches **Fruits:** .59-1" long, fat, roundish to oval, red or orange-red when ripe



AFRICAN TULIP TREE- *Spathodea campanulata*
Stem: greyish, furrowed, rough bark **Leaves:** glossy, pinnate, compound, 18" long, 7-19 oval leaflets 4-6" long; new leaves bronze becoming green, light green underside **Flower:** Clusters of velvet brown claw-like buds, 5" long trumpet shaped red-orange flowers



AFRICAN YELLOWWOOD - *Afrocarpus falcatus*
 Conifer **Height:** +100ft **Stem:** flaky, ridged, grey-brown to reddish, trunk can reach ~3-10ft wide **Leaves:** spirals, small, narrow, 1.5" long, leathery, waxy **Cones:** male cone is brown spiral scales, 1-6" long, female cone 1 scale with 1 greenish grey round seed <1" long



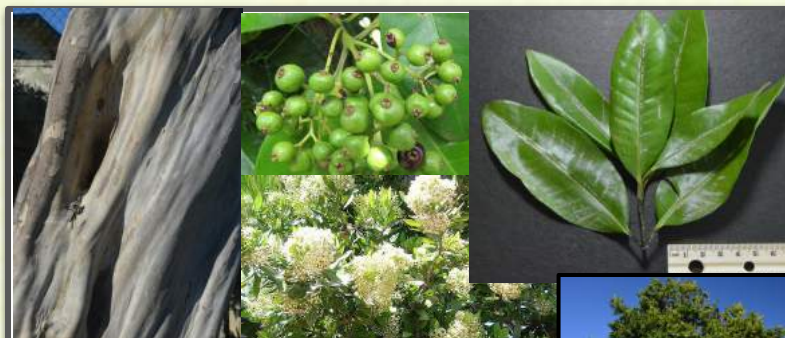
ALBIZIA - *Falcataria moluccana*
 Invasive, high risk, fastest-growing tree species in the world **Stem:** smooth, light, white-tan **Flower:** cream-white small **Leaf:** twice pinnately compound wide spreading, flat crown, large, long branches **(City should be made aware if albizia are in city area)**



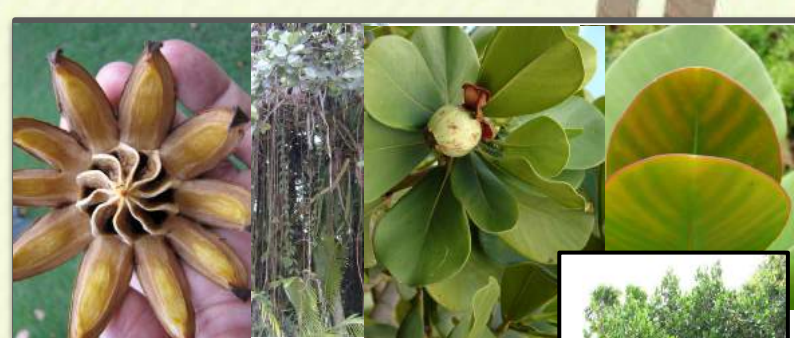
ALEXANDER/KING PALM - *Archontophoenix alexandrae*
Stem: one light-grey trunk, smooth, circular marked multi-colored stem **Leaves:** large, stiff, feather-shaped, pinnate, dark-green top, silvery bottom **Fruit:** round, bright red when ripe **Flower:** creamy-white below crown shaft



ALIBANGBANG (ORCHID TREE) - *Bauhinia hookeri*
Stem: often multi-trunked, flaky bark **Leaves:** compound, 2 leaflets, sessile, round **Flowers:** white, 5 petals, long red anthers/stamens **Fruit/Seed:** flowering followed by flat pods containing multiple seeds

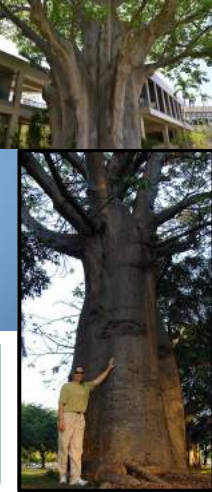


ALLSPICE - *Pimenta dioica*
 Evergreen tree **Stem:** highly branched, commonly ~30cm **Height:** 20-40ft **Leaves:** 3-6" long oblong, leathery, aromatic **Flowers:** Creamy white in panicles. **Fruits:** drupes 1/4", green, in clusters



AUTOGRAPH TREE - *Clusia rosea*
 Epiphyte **Height:** 30-60ft **Flowers:** 3", 6-8 broad round petals, last <24 hours **Seed:** 3" diameter seed capsules. Dried, split into thick flower-like segments, w/ red seeds **Leaves:** thick, leathery, dark green, opposite, egg shaped





BAOBAB - *Adansonia digitata*

Deciduous and Large **Stem:** girthy trunk, bottle-shaped, smooth, shiny bark **Leaves:** simple, digitate, 5-9 dark green glossy leaflets **Flowers:** large, heavy, white, open for 1 night, multiple stamens, die in 24 hours.



BEACH HELIOTROPE - *Tournefortia argentea*

Coastal tree found at 0-50ft elevation **Stem:** light brown, dark grey, deeply corrugated **Height:** ~20ft **Leaves:** simple, alternate, silvery gray sheen, silky 4-122" in length **Flowers:** small white sessile, arranged in multi-branched cymes. 0.24" in diameter **Fruit:** small, smooth .3" long



BENJAMIN FIG (BANYAN) - *Ficus benjamina*

Weeping Fig **Stem:** bark is thin, greyish, drooping branchlets **Height:** large, 45ft-60ft **Leaves:** thick, glossy, 2-5", oval, acuminate tips, some curly edges, alternate, simple leaf **Fruit:** red figs



BE-STILL TREE - *Cascabela thevetia*

Poisonous, evergreen tree, Yellow oleander **Leaves:** alternate, willow-like, linear, lanceolate, glossy, waxy **Flowers:** 3" long funnel-shaped, fragrant yellow. **Fruits:** dark red black, large seed 1" diameter. All parts of tree are toxic



CHINESE BANYAN - *Ficus microcarpa*

Epiphytic, Invasive in HI **Stem:** smooth, light-gray bark, aerial roots, thick trunk **Height:** ~40ft (world's tallest in Kauai 110ft!) **Leaves:** variable, coriaceous, oblong, elliptic to broadly elliptic or obovate **Fruit:** Sessile, depressed pyriform 8x10mm **Seeds:** less than 1mm



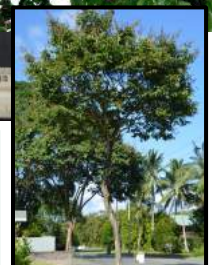
COCONUT PALM - *Cocos nucifera*

Niu **Stem:** slender, leaning, ringed, swollen base **Leaves:** giant, pinnate, feather-like, downward facing **Fruit/Seed:** coconuts, 12-18" in length, thick fibrous husk **Flower:** creamy-white, yellow, elongated clusters 4' long



CRAPE MYRTLE - *Lagerstroemia indica*

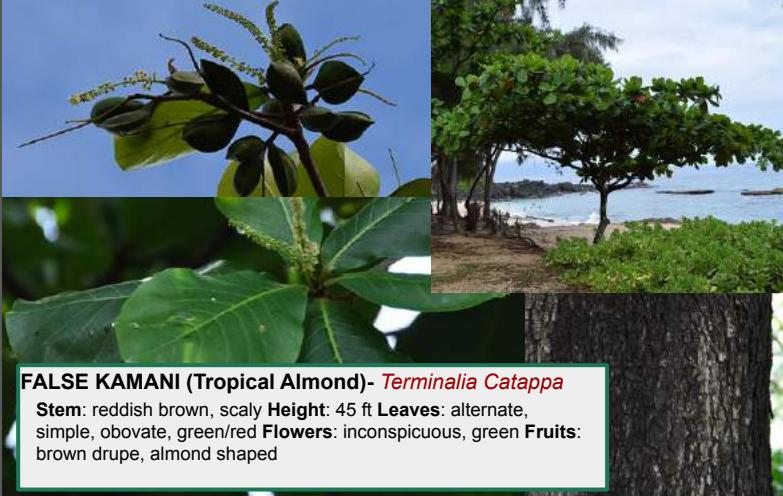
Deciduous **Stem:** Pinkish-grey, papery mottled, sheds yearly **Height:** <25ft **Leaves:** small, smoothed-edged, circular, oval, dark green to yellow in autumn **Flowers:** bright cone-shaped, crimped petals in panicles, 3 1/2"



FALSE ASHOKA / MAST - *Polyalthia longifolia*

Height: ~30ft **Stem:** yellow-white, light soft bark straight trunk, willowy-weeping branches **Leaves:** juvenile leaves: coppery brown, soft, delicate; Older leaves: light turning dark green, lance-shaped, wavy edges **Fruit:** clusters, 10-20 green to purple-black. Can be pruned into narrow form





FALSE KAMANI (Tropical Almond)- *Terminalia Catappa*
Stem: reddish brown, scaly **Height:** 45 ft **Leaves:** alternate, simple, obovate, green/red **Flowers:** inconspicuous, green **Fruits:** brown drupe, almond shaped



FALSE OLIVE - *Cassine orientalis*
Height: up to ~60 ft **Stem:** twisted, irregular **Leaves:** opposite, simple shiny, narrow, red mid-rib, smooth edges | adult leaves wide, oval, serrated margin **Fruit:** resembles small olives, green while maturing to dark brown



FALSE WILIWILI - *Adenanthera pavonina*
 Deciduous **Stem:** slightly buttressed, greyish brown bark **Leaves:** bipinnately-compound, 2-6 pairs of leaflets **Flowers:** 2mm, star-shaped, white to dull orange **Fruit:** Seedpods thin, curved, green to mature woody black, coiled, splitting **Seeds:** 12 shiny red, hard, lens-shaped



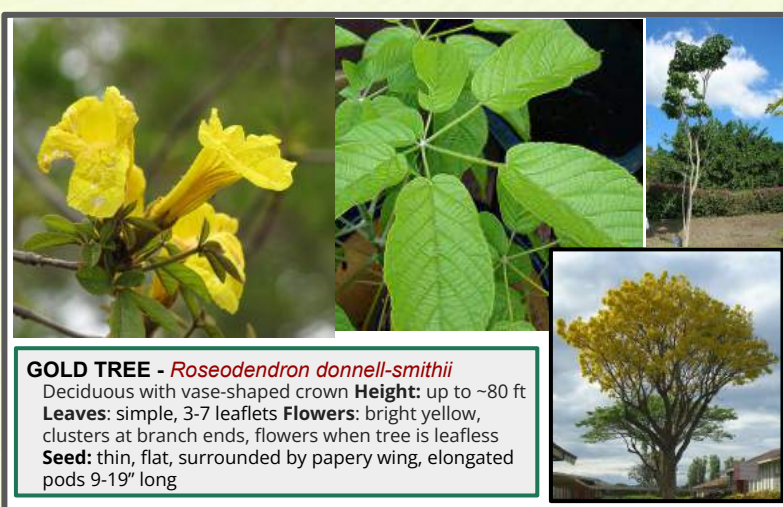
FERN TREE - *Filicium decipiens*
Height: ≤98ft **Stem:** smooth, whitish bark **Leaves:** glossy, alternate, 5-10 pairs of narrow long leaflets up to 6" long, wavy margin **Flowers:** narrowly paniculate, 5 sepals, 5 yellow petals **Fruit:** elliptical, drupe-shaped, turns shiny purple when mature with 1 seed



FIJI FAN PALM - *Pritchardia pacifica*
Height: 10-20ft **Stem:** one trunk, fiber pattern at base, smooth, ~20" DSH **Leaves:** palmate, fan-shaped, 7'x6', no spines along petioles **Fruit:** green spherical, turn red then black when ripe, single seed **Flower:** fragrant, brownish, growing among leaves



FORMOSAN KOA - *Acacia confusa*
 Resembles native koa, invasive **Stem:** rough, both singular & multi-trunked common **Leaves:** 4" long narrow, curved, parallel veins, waxy, leathery, alternately; smaller than true koa **Flowers:** at end of stem, balls of yellow ½" **Seed:** flat, green to brown linear spiral-like pods 4"



GOLD TREE - *Roseodendron donnell-smithii*
 Deciduous with vase-shaped crown **Height:** up to ~80 ft **Leaves:** simple, 3-7 leaflets **Flowers:** bright yellow, clusters at branch ends, flowers when tree is leafless **Seed:** thin, flat, surrounded by papery wing, elongated pods 9-19" long



GEIGER TREE (HAOLE KOU) - *Cordia sebestena*
Stem: naturally multi-trunked, droopy branches **Leaves:** dark green, leathery, alternate ovate 7" long, wavy margins; smaller, rougher than True Kou **Flowers:** clusters, tubular, flaring, 2" wide; darker than True Kou **Fruit:** pear-shaped fleshy, white, fragrant



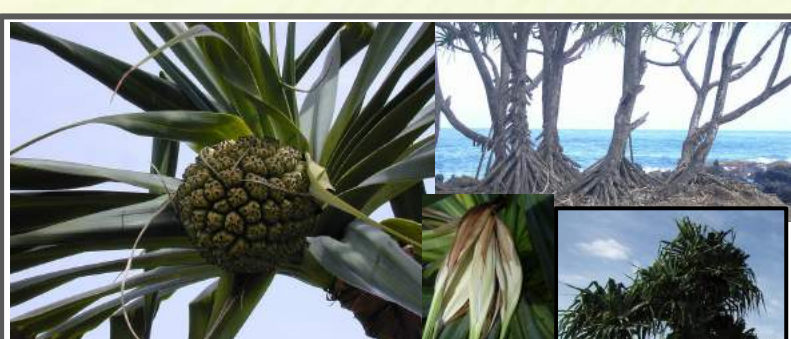
GEOMETRY/JUCARO - *Bucida buceras*

Height: 40-50ft **Stem:** smooth, dense crown
Leaves: simple, obovate, pinnate, dark blue-green, leathery, 2-4" long, clustered at branch tips **Fruit:** oval, ½", black



GOLDEN SHOWER - *Cassia fistula*

Height: ~33-66ft **Stem:** slightly droopy branches
Leaves: pinnate, compound leaves, 4-8 pairs of leaflets, 3-8" long **Flower:** Small, yellow flowers in racemes, flowers 1-3" long w/ 5 petals **Seed:** distinctive long, brown seed capsules w/ several seeds | Not to mistake for **Rainbow Shower**



HALA - *Pandanus tectorius*

Native **Height:** ~15-30 ft **Stem:** conspicuous prop roots, prickly stems **Leaves:** sword-like, 2-6ft long, sharp toothed margins, some variegated **Flower:** males produce highly fragrant, cream-white flowers **Fruit:** conspicuous pineapple-shaped



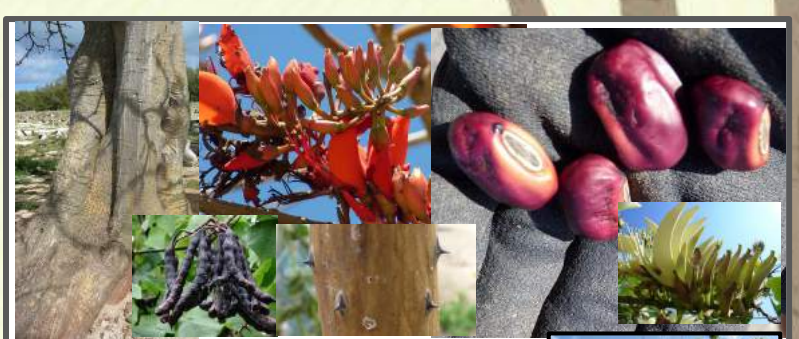
HONG KONG ORCHID - *Bauhinia X blakeana*

Hybrid originating from Hong Kong in 1880 **Height:** 20-40ft **Stem:** often multi-trunked, drooping branches **Leaves:** large, thick, double-lobed, heart-shaped, butterfly-shaped, 3-4" long **Flowers:** striking purple-pink, fragrant, 4-6" across, white anthers **Fruit/Seed:** none! Hybrids are sterile



INDIAN BANYAN - *Ficus benghalensis*

Stem: aerial roots turn to woody trunks, large trunks, wide spreading crown **Height:** up to 100 ft **Leaves:** ovate to elliptic, prominent veins **Flowers:** monoecious **Fruits:** paired in leaf axils, red to orange when ripe



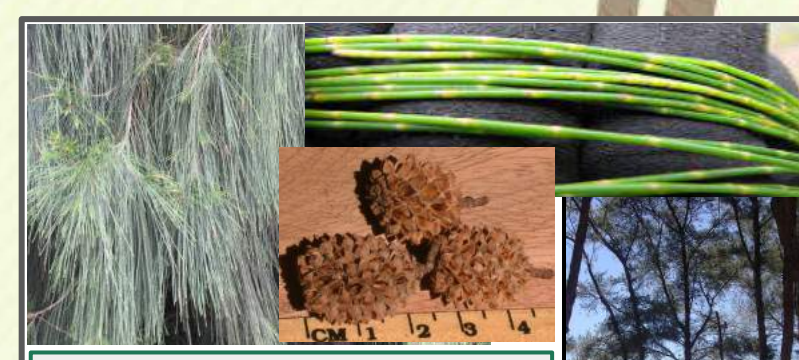
INDIAN CORAL TREE - *Erythrina variegata*

Deciduous **Height:** ~30-50ft **Stem:** fluted trunk, thick, sappy, some spiked **Leaves:** alternate, pinnate, 3' leaflets, 8" petiole, some variegated **Flowers:** showy, dense racemes 8-10" long, red, deep split, claw-like **Fruit:** narrow pod, 4-6" long **Seeds:** kidney-shaped, reddish



INDONESIAN CINNAMON - *Cinnamomum burmannii*

Introduced to Hawaii in 1934 **Stem:** average 5-15" DSH, aromatic bark, smooth, angular branches **Height:** <25ft **Leaves:** glossy, green, oval 4" long, 1.5" wide **Flowers:** Small yellow **Fruits:** dark drupes.



IRONWOOD - *Casuarina equisetifolia*

Invasive **Height:** ≤100ft **Stem:** rough, grey-brown, flaky; drooping branches **Leaves:** Tiny, scale-like, in whorls of 6-8, 9-15" long, pine needle-like **Flower:** light brown, tiny inconspicuous **Fruit:** rounds, ½-¾" wide, hard, warty, pinecone-like, brown

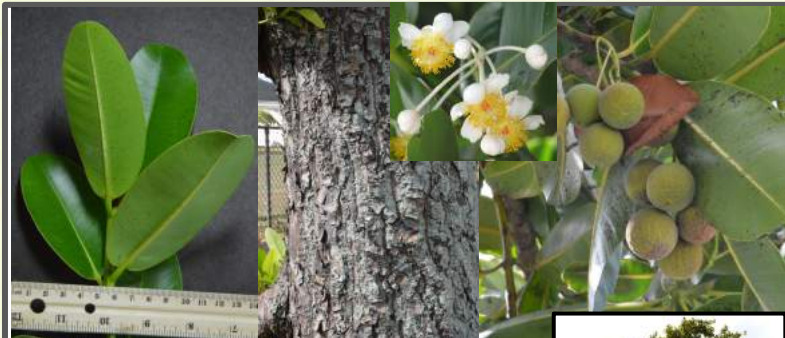




JACARANDA - *Jacaranda mimosifolia*
 Can be Deciduous **Height:** 20-50ft **Flower:** Distinctive Clusters of purple, fragrant, trumpet-shaped in 12" terminal panicles **Leaves:** fern-like, bipinnate compound leaves up to 20" long **Seed:** 2" flat wispy



JACK-IN-THE-BOX - *Hermandia nymphaeifolia*
Stem: light wood **Height:** over 16ft **Leaves:** narrow, broadly ovate, subcircular 5-9 veins are palmate **Flowers:** white or greenish, fragrant **Fruits:** fleshy, waxy red or white **Seeds:** round, brown



KAMANI - *Calophyllum inophyllum*
 Canoe plant **Stem:** twisted, low-branching, rough grey bark **Height:** ~20-60ft **Leaves:** dense foliage, +5 veins, irregular crown, large stiff, shiny, blunt tip, yellow-green **Flowers:** 1" paniculate, 4-15 flowers, flower perennially **Fruits:** round, green drupe, 1-1.6", large seed



KIAWE - *Prosopis pallida*
 1st kiawe in Hawaii was in 1828; Deciduous **Stem:** Bearing spines, irregular, often crooked, DSH <25", corrugated **Leaves:** twice compound, gray-green, 6-15 pairs per pinna **Seed:** elongated seedpod, 10 - 25cm long **Flowers:** fluffy, yellow, arranged in elongated clusters, 5-14cm



KUKUI OR CANDLE-NUT - *Aleurites moluccanus*
 Canoe plant, Hawaii's State Tree **Stem:** DSH up to 36" **Height:** <50-80ft **Leaves:** silvery-pale green, simple, ovate, trilobed sometimes five-lobed **Nut:** round, 1.5-2.5" diameter **Flowers:** terminal cymes, 10-15cm long, 5 creamy-white petals surrounded by smaller flowers



LECHOSO - *Stemmadenia littoralis*
Height: 25ft **Leaves:** oval, glossy, large, visible veins, wavy edges **Flower:** tubular white, very fragrant **Seed:** distinctive pods, double horned, orange, split when mature



LIGNUM-VITAE - *Guaicum officinale*
 "Tree of Life" Listed as Endangered by IUCN **Stem:** ~24in DSH **Height:** ~33ft **Leaves:** compound, 1" in length **Flowers:** Blue, 5 petals **Fruits:** bright, yellow-orange with red flesh & black seeds



LOOKING GLASS TREE - *Heritiera littoralis*
Stem: pinkish/whitish-grey bark, smooth, flaky/fissured w/ age **Leaves:** spirally arranged, stalked leaves, leathery, stiff, egg-shaped, wavy, dark green above, silvery white to brown underside, 4-15cm **Flowers:** dull purple, bell-shaped, yellow clusters **Fruit:** woody, shiny, flattened





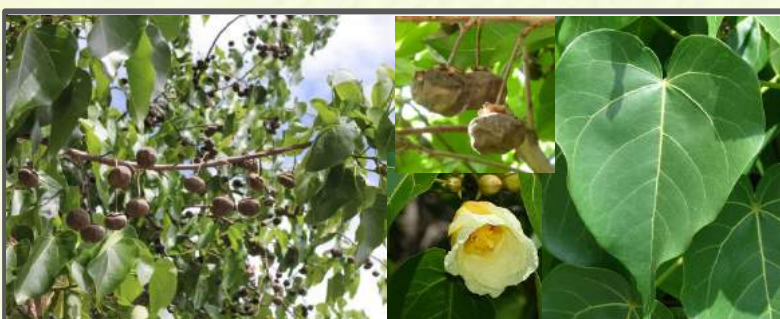
MADAGASCAR OLIVE - *Noronhia emarginata*

Stem: smooth bark, flattened terminal twigs **Leaves:** simple, leathery, opposite, elliptical, 6" long, yellow veins; dense crown **Flower:** small yellow fragrant, 4 lobed corolla **Fruit:** greenish-yellow, turning dark purple



MANILA PALM - *Adonidia merrillii*

Stem: grey, circular leaf scars, evenly spaced **Leaves:** large, pinnate, compound, arched upwards, leaflets droop down, light green crown shaft **Fruit:** Large bunches ovoid drupes, green turn red w/ maturity **Flower:** grouped in 3, in long branches. More compact than Royal Palm



MILO - *Thespesia populnea*

Indigenous **Height:** ≤33ft **Leaves:** spirally arranged, stalked, leathery, triangular heart-shaped, distinct yellow veins **Flowers:** bell-shaped, solitary, yellow w/ maroon center **Fruit:** brown capsules, round to pear-shaped, 1-5cm across, can split into 5 parts



MONKEYPOD - *Albizia saman*

Semi-deciduous **Stem:** crooked, wide spreading branches, yellow-grey-brown, smooth bark **Height:** ≤100ft **Leaves:** bipinnately compound, velvety w/ 4-8 leaflet pairs, opposite, fold/shrink in rain & evening **Flowers:** white below, pink above in leaf axils, fine hairy **Pods:** straight 1-2cm long



MORETON BAY FIG - *Ficus macrophylla*

Stem: can be massive, thick buttressing, ~8ft diameter, grey-brown, blemished bark, aerial roots **Height:** can reach 200 ft **Leaves:** large, elliptic, alternate, leathery, dark green top, brownish underside, 6-12in long **Fruits:** small, round, greenish, purple when ripe



NARRA - *Pterocarpus dalbergioides*

Semi-deciduous, listed as Vulnerable **Stem:** straight, cylindrical w/ ascending branches, buttressed roots, corrugated bark **Leaves:** alternate, pinnately compound, 5-9 leaflets **Flowers:** small, yellow, panicle at branch-ends **Fruit:** flat, round, winged w/ single kidney-shaped seed



NORFOLK PINE - *Araucaria heterophylla*

"Living Christmas Tree" (although not a true pine) Distinctively symmetrical **Stem:** Tall, straight, widely spaced horizontal branches, grey-brown scaly bark **leaves:** awl-shaped **Cones:** squat globose, 10-12 cm long



OCTOPUS TREE - *Schefflera actinophylla*

Epiphytic, Weedy **Height:** ≤40-49ft **Stem:** usually multi trunked **Leaves:** alternate, palmately compound, 7-8 leaflets **Flowers:** top of tree, 3ft wide flower clusters, racemes <6.5ft long, 1000 small red flowers, octopus like. Similar to Trumpet, but green underleaf not white





'OHI'A LEHUA - *Metrosideros polymorpha*
 Endemic, Extremely Variable! **Stem:** varied; straight, smooth to twisted and prominently fluted **Leaves:** varied form and shape; texture and with or without fuzz leaves range from 1/2" - 3" long, sessile (no petiole), heart-shaped **Flower:** varied; red, yellow, orange, light orange, cream, pink

Jeremy Gaifan



OPIUMA - *Pithecellobium dulce*
Height: 30-49ft **Stem:** spiny **Leaves:** bipinnate, single pair or ovate leaflets, 1-1.5" long **Flowers:** greenish-white, fragrant, coiling, sessile, 4.7" length **Fruit/Seed:** Flowers produce pod, pink when ripe, opens to expose seed, black shiny seeds



PANAMA - *Sterculia apetala*
 Perennial and deciduous. **Stem:** straight, cylindrical, large buttresses **Height:** Tall **Leaves:** alternate, palmate, 5 lobes, clustered **Flowers:** purple & yellow, 5 sepals, 2.5-3.5 cm **Fruits:** compounds of <5 follicles, <30cm with seeds & orange hairs **Seeds:** black ellipsoids, 2.5 x 1.5 cm



PAPERBARK - *Melaleuca quinquenervia*
Height: 30-70ft **Stem:** conspicuous white-beige-grey papery flaky bark **Leaves:** grey-green, egg-shaped **Flowers:** arranged in spikes at end of branches, 5-18 groups of 3 flowers, white-cream **Fruit:** woody, cylindrical capsules .2" clustered



PARAGUAY TEA - *Ilex paraguariensis*
 Yerba Mate, perennial **Height:** <50ft **Leaves:** evergreen, 1- 4" long, 1-2" wide, serrated margin **Flowers:** small, greenish-white, 4 petals **Fruits:** red drupes 1/4" in diameter in clusters



PINK TECOMA - *Tabebuia heterophylla*
Height: ~20-30 ft **Leaves:** palmately compound, oval, opposite, 2-4" **Flowers:** pink-white, bell-shaped blooms in spring/summer followed by seed pods **Fruit/Seed:** brown, elongated dry pods



PALMS



PLUMERIA - *Plumeria Sp.*
 Mostly Deciduous **Stem:** widely spaced, thick succulent branches, thin, grey bark **Flowers:** 2-4" tubular, 5 rounded, overlapping petals fragrant, multiple colors white, yellow, pink, red **Leaves:** varied; large, alternate, round or pointed tips, smooth or corrugated, glossy or dull; visible veins



Cohune palm- *Attalea cohune*



Triangle palm - *Dypsis decaryi*



Date palm - *Phoenix canariensis*



Sierra palm- *Prestoea tobagonis*



Bottle Palm - *Hyophorbe lagenicaulis*



Cabbage Tree (not a palm) *Cordyline australis*



Cane palm - *Pritchardia thurstonii*



RAINBOW SHOWER - *Cassia x nealiae*

Height: ~33-66ft **Stem:** slightly droopy branches **Leaves:** pinnate, compound leaves, 4-8 pairs of leaflets, 3-8" long **Flower:** Small, often multi-colored, pink to yellow in racemes flowers 1-3" long w/ 5 petals **Seed:** none! Hybrids distinctively have no seeds or pods unlike Yellow showers



RED SILK COTTON TREE - *Bombax ceiba*

Deciduous **Stem:** straight, spikes, tall **Flowers:** red, 5 petals, cup-shaped, **Seed:** numerous, long, ovoid, black or gray in colour and packed in white cotton. Capsule when ripe contains white fibers like cotton



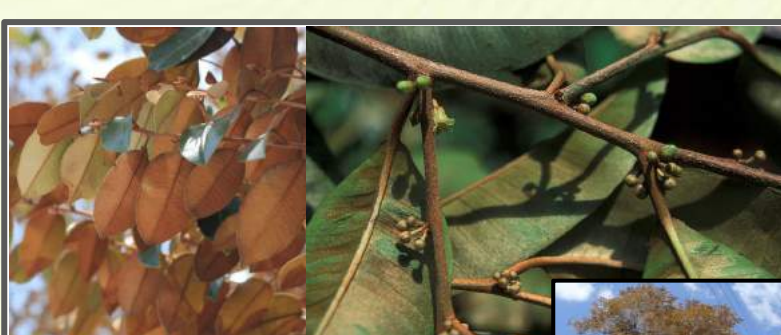
RED BOTTLEBRUSH - *Callistemon citrinus*

Height: <20ft **Stem:** fibrous, papery bark **Leaves:** hard, alternate, 1-4" long, flat, narrow, egg-shaped, narrower near base, visible veins & oil glands on both sides **Flower:** distinctive brush-like red, spikes, 2-4" long, 30-45 stamens **Fruit:** woody, cup-shaped



ROYAL POINCIANA - *Delonix regia*

Stem: large, buttressed trunk, horizontal branches **Leaves:** bipinnately compound, feathery, 20-40 pairs of leaflets, 10-20 pairs of secondary leaflets **Flowers:** large, 4 spreading red petals, 3" long, 5th upright petal spotted w/ yellow-white **Fruit:** pods, green to dark-brown & woody



SATIN LEAF - *Chrysophyllum oliviforme*

Height: 10-30ft **Stem:** usually 1 trunk, thin gray-brown bark w/ fissures **Leaves:** simple, alternate, ovate, shiny, dark green on top, light brown on bottom, distinctive coloring **Flowers:** small, creamy yellow, 5 petals, 5 stamens, **Fruit:** small green turning dark purple w/ several black seeds



SAUSAGE TREE - *Kigelia africana*

Stem: wood is pale brown, yellowish, undifferentiated, spreading branches **Height:** up to 66ft **Leaves:** opposite or in whorls of 3, 12-20", long, pinnate, 6-10 oval leaflets **Flowers:** panicles, bell-shaped, orange-maroon 4" turn into fruit. **Fruits:** up to 2ft long, weigh 15lbs, looks like sausage



SEA HIBISCUS (HAU)- *Hibiscus tiliaceus*

Height: 13-33 ft **Stem:** natural form is a bramble, can be pruned into tree form, Intertwined trunks & branches **Leaves:** simple, heart-shaped, 8" long, pointed tip, hairy underside sometimes variegated **Flowers:** funnel-shaped, 5 overlapping petals, lasting only one day



SILVER BUTTONWOOD - *Conocarpus erectus*

Height: 15-20ft **Stem:** usually multi-trunked, dark brown, ridged, scaly bark **Leaves:** simple, alternate, oblong, pinnate, 2-4", silver-blue-green color, silky hairs **Flowers:** small, green in dense cone-like heads **Fruit:** flowering followed by 1/2" cone-like red-brown fruits





SILVER TRUMPET - *Tabebuia aurea*

Often Deciduous **Stem:** crooked, usually 2-3 trunks, thick bark **Leaves:** palmately compound, long w/ 5-7 leaflets, each 2-7" long, green with silvery scales both above & below. **Flowers:** bright yellow, 2-3" diameter, clustered in loose panicle **Fruit:** slender 4" long capsules



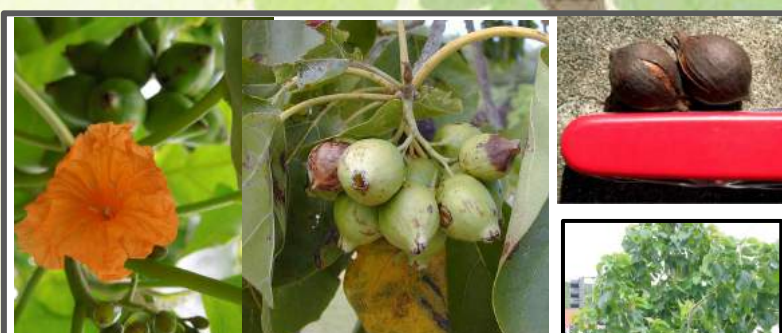
TAMARIND - *Tamarindus indica*

Height: 15-20ft **Stem:** single trunk **Leaves:** dense crown, alternate, pinnately lobed, elliptic-ovular, close in the evening like monkeypod **Flowers:** inconspicuous red, yellow elongated flowers, 1" **Fruit:** Distinctive long, brown, hard shelled legume, pod-like, fleshy edible inside



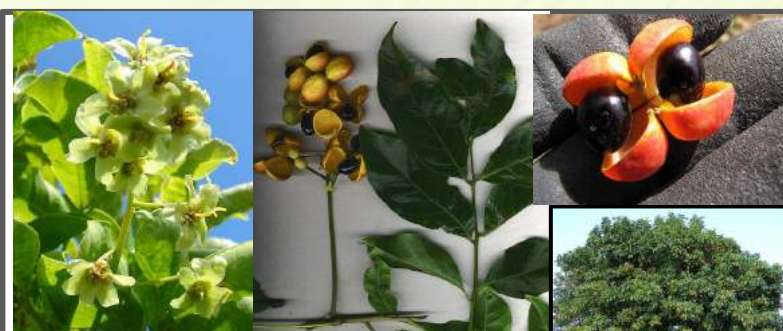
TREE WISTERIA - *Bolusanthus speciosus*

Semi-Deciduous, not to be confused with jacaranda **Stem:** brown-grey, rough, deeply fissured, low drooping branching **Flowers:** Distinctive Purple, pea-like in bunches **Seed:** Flowering followed by papery brown fruit pods, hang in clusters, never split **drooping Leaves:** spirally arranged.



TRUE KOU - *Cordia subcordata*

Indigenous **Stem:** straight, erect, groove/fissures, flaky, pale grey bark **Leaves:** large, smooth, oval-shaped, alternate, wavy edges, blunt-pointed ends, visible veins, shiny tops, dull bottoms **Flowers:** clusters, scentless, bright orange, funnel-shaped, 5-7 wrinkled petals **Fruit:** dark, woody



TULIPWOOD - *Harpullia pendula*

Height: ~20ft **Stem:** irregular, fluted, grey & scaly bark **Leaves:** dense crown, pinnate, alternate, 3-8 leaflets, short, blunt-pointed tip, visible veins & raised midrib on both sides **Flower:** panicles, greenish-yellow 1/2" diameter **Fruit:** 2 lobed capsule, yellow or red, 2 shiny dark seeds



WEST INDIAN MAHOGANY - *Swietenia mahagoni*

Deciduous in drought **Height:** up to 50ft **Stem:** often short trunk, multi-branched, buttressed **Leaves:** pinnate, compound w/ 4-8 leaflets 2-2.5" long **Flower:** white to greenish, small, 5 petals **Seed:** flowering followed by large, brown pod 2-4" long



WHITE TECOMA - *Tabebuia berteroi*

Height: ~20-30 ft **Leaves:** palmately compound, oval, 3-5 leaflets, 2.5" long, smaller than pink tecoma, dull, dark green leathery upper w/ lighter scaly underside **Flowers:** pale magenta-white, bell-shaped blooms 1-2" long **Fruit/Seed:** elongated pods



YELLOW POINCIANA - *Peltophorum pterocarpum*

Deciduous **Stem:** straight, cylindrical, sometimes buttressed **Leaves:** bipinnate, 10-25" long, 20 pinna w/ 20-40 oval leaflets **Flower:** yellow, large compound racemes, 8" long **Fruit:** pod 2-4" long, start red, black when ripe, 1-4 seeds



Still Stumped?

This guide is not a comprehensive list of all of the amazing urban trees that can be found in Hawai'i.

Are we missing a common tree in your neighborhood?

Still stumped on the correct identification of a tree?

Take a few photos, with a ruler or measuring tape for scale and contact us! info@kaulunani.org

Images in this guide are courtesy of Tom Foye, Forest & Kim Starr, and UH-CTAHR, unless otherwise referenced. Updated Feb 2021.

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This work is being funded entirely or in part by the Kaulunani Urban and Community Forestry Program of the DLNR Division of Forestry and Wildlife; and State and Private Forestry, branch of the USDA Forest Service, Region 5. The USDA is an equal opportunity provider.