

## Native Hawaiian plants for honey bees: Big Island (Hawai'i)

Scientific Name*	Common Name	Elev (ft)	Soil	Sun	Bloom Period*											
					J	F	M	A	M	J	J	A	S	O	N	D
<b>Forbs</b>																
<i>Argemone glauca</i>	Pua kala	<6200	Well drained	Full												
<i>Astelia menziesiana</i>	Pua'akuinia	2000-7000	Well drained	Partial-shade												
<i>Bacopa monnieri</i>	Water hyssop	<300	Moist	Full-partial												
<i>Bidens hawaiiensis</i> +	Ko'oko'olau	1600-4600	Moist	Full												
<i>Dianella sandwicensis</i>	'uki'uki	400-7000	Dry to moist	Full-partial												
<i>Heliotropium anomalum</i>	Polynesian heliotrope	Coastal	Well drained	Full												
<i>Heliotropium curassavicum</i>	Salt heliotrope	<6800	Well drained	Full												
<i>Melanthera integrifolia</i>	Nehe	<150	Well drained	Full-partial												
<i>Lobelia hypoleuca</i>	Opelu	2000-5000	Dry to moist	Full-partial												
<i>Phyllostegia macrophylla</i>	Large leaved mint	2400-4000	Well drained-moist	Shade												
<i>Portulaca lutea</i>	Yellow purslane	<130	Well drained	full												
<i>Portulaca sclerocarpa</i>	'ihi makole	3300-5300	Well drained	Full-partial												
<i>Portulaca villosa</i>	Hairy purslane	<2000	Well drained	Full												
<i>Scaevola coriacea</i>	Dwarf naupaka	<150	Well drained	Full												
<i>Sesuvium portulacastrum</i>	Shoreline seapurslane	<150	Well drained-wet	Full												
<i>Waltheria indica</i>	'uhaloa	<4000	Well drained-moist	Full												
<b>Vines</b>																
<i>Canavalia hawaiiensis</i>	Puakauhi	<1000	Moist	Full-partial												
<i>Freycinetia arborea</i>	'ie'ie	1000-5000	Well drained-moist	Full-partial												
<i>Ipomoea pes-caprae</i>	Puhuehue	<2000	Well drained	Full												
<i>Jacquemontia sandwicensis</i>	Pā'ū o Hi'iaka	<100	Well drained	Full-partial												
<i>Smilax melastomifolia</i>	'hoi	600-6800	Well drained-wet	Shade												
<i>Vigna marina</i>	Mohihihi	<1000	Well drained	Full-partial												
<b>Shrubs</b>																
<i>Abutilon menziesii</i>	Ko'olua 'ula	650-1700	Well drained	Full-partial												
<i>Alyxia stellata</i>	Maile	150-5000	Well drained-moist	Full-partial												
<i>Broussaisia arguta</i>	Kanawao	1000-6000	Well drained-moist	Partial												
<i>Capparis sandwichiana</i>	Maiapilo	<325	Well drained	Full												
<i>Clermontia hawaiiensis</i> +	'ohawai nui	1000-5000	Moist	Partial												
<i>Clermontia montis-loa</i> +	'ohawai	2500-6000	Well drained-moist	Full-partial												
<i>Clermontia parviflora</i> +	'ohawai	400-4600	Well drained-moist	Partial												
<i>Coprosma ernodeoides</i>	'aiakanene	4000-8500	Well drained	Full-partial												

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<b>Shrubs (continued)</b>																
<i>Gardenia brighamii</i>	Nā'ū	1100-1700	Well drained	Full												
<i>Hibiscus brackenridgei</i>	Ma'o hau hele	400-2600	Well drained	Full-partial												
<i>Hibiscus kokiō</i>	Koki'ō	500-3000	Well drained	Full-partial												
<i>Ilex anomala</i>	Kawa'u	2000-4500	Well drained-moist	Full-partial												
<i>Myrsine lessertiana</i>	Kolea lau nui	700-7200+	Well drained	Full-partial												
<i>Myrsine sandwicensis</i>	Kokea lau li'i	1000-4800	Well drained-wet	Full-partial												
<i>Osteomeles anthyllidifolia</i>	'ūlei	<7600	Well drained	Full-partial												
<i>Pittosporum confertiflorum</i>	Ho'awa	550-7000	Well drained	Full-partial												
<i>Rubus hawaiiensis</i>	'akala	2000-10,000	Moist	Full-partial												
<i>Rumex giganteus</i>	Pawale	2000-10,000	Mesic-wet	Full												
<i>Rumex skottsbergii+</i>	Pawale	Variable	Well drained	Full												
<i>Santalum paniculatum+</i>	'iliahi	1500-6500	Well drained-moist	Full-partial												
<i>Scaevola chamissoniana</i>	Mountain naupaka	1500-3500	Well drained-moist	Full-partial												
<i>Scaevola kilaueae+</i>	Huahekili uka	3000-5000	Well drained	Full												
<i>Scaevola taccada</i>	Beach naupaka	Coastal	Well drained	Full												
<i>Sesbania tomentosa</i>	'ohai	<2500	Well drained	Full-partial												
<i>Styphelia tameiameiae</i>	Pūkiawe	<10,000	Well drained-wet	Full												
<i>Vaccinium calycinum</i>	Ohelo kau la'au	1600-5800	Well drained-moist	Full-partial												
<i>Vaccinium reticulatum</i>	Ohelo 'ai	2100-12,000	Well drained-moist	Full-partial												
<i>Vitex rotundifolia</i>	Pōhinahina	<50	Well drained	Full												
<i>Wikstroemia sandwicensis+</i>	Mesic tree ākia	10-5000	Well drained-wet	Filtered												
<i>Wikstroemia phillyreifolia+</i>	Hawai'i ākia	<7500	Well drained	Full												
<b>Trees</b>																
<i>Acacia koa</i>	Koa	200-6500	Well drained	Full-partial												
<i>Acacia koaia</i>	Koai'a	150-4000	Well drained	Full-partial												
<i>Antidesma platyphyllum</i>	Hame	1500-4000	Well drained-moist	Partial												
<i>Antidesma pulvinatum</i>	Hame	<5000	Well drained	Full-partial												
<i>Caesalpinia kavaiensis/Mesoneuron kavaense</i>	'uhi'uhi	250-3000	Well drained	Full												
<i>Cheirodendron trigynum</i>	'ōlapa	1600-7000	Well drained-wet	shade												

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<b>Trees (continued)</b>																
<i>Coprosma pubens</i>	Pilo	1200-6200	Well drained-wet	Full-filtered	—											
<i>Diospyros sandwicensis</i>	Lama	<4000	Well drained	Full-partial	—											
<i>Erythrina sandwicensis</i>	Wili wili	<1950	Well drained	Full	—											
<i>Metrosideros polymorpha</i>	'ohi'a lehua	<7200	Well drained-moist	Full-partial	—											
<i>Myoporum sandwicense</i>	Naio	<7700	Well drained	Full	—											
<i>Nesoluma polynesticum</i>	Keahi	425-2100	Well drained	Full-partial	—											
<i>Nestegis sandwicensis</i>	Olopua	100-4265	Well drained	Full-partial	—											
<i>Pisonia sandwicensis</i>	Aulu	850-3500	Well drained	Full-partial	—											
<i>Pisonia umbellifera</i>	Pāpala kēpau	295-2625	Well drained	Full-partial	—											
<i>Pittosporum hawaiiense</i> <sup>+</sup>	Ho'awa	1700-6000	Well drained-moist	Full-partial	—											
<i>Pittosporum hosmeri</i> <sup>+</sup>	Ho'awa	1200-3500	Well drained	Full-partial	—											
<i>Psychotria mauiensis</i>	'opiko	500-5000	Moist	Partial	—											
<i>Psydrax odorata</i>	Alahe'e	<2700	Well drained	Full-partial	—											
<i>Rhus sandwicensis</i>	Neneleau	500-2500	Well drained-moist	Full-partial	—											
<i>Sophora chrysophylla</i>	Māmane	1400-10,000+	Well drained	Full-partial	—											

+Indicates plant species endemic to Big Island

**Bold** names indicate plants that have been used in traditional Hawaiian medicine. Note: Do not attempt to consume or self-treat with plants you are not familiar with. Phytochemicals can be toxic, or interfere with other medications you are taking. Always consult a physician before consuming unfamiliar plant materials for medicinal use.

Purple names indicate plants that are used in lei making.

Blue names indicate plants that are edible, at least in part.

Orange names indicate plants that are used in lei making and also edible, at least in part.

\*Line color corresponds to flower color (gray=white), however multiple color variants may exist

This table is adapted from "Selecting Plants for Pollinators: Hawaiian Islands Province" (full publication available at <https://www.fws.gov/pollinators/pdfs/hawaiianisland.ecoregguide.final.hi-res.pdf>).

Further information about these plants may be found in the Native Plants Hawaii online database ([nativeplants.hawaii.edu](http://nativeplants.hawaii.edu)).