

## O‘ahu Zone 9

(Greater than 100 inches rainfall per year, 1,000 to 3,000 feet elevation)

O‘ahu Zone 9, Fern/Fern Ally				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Adenophorus abietinus</i>	N/A	Endemic	<1	1
<i>Adenophorus haalilioanus</i>	N/A	Endemic	<1	1
<i>Adenophorus hymenophylloides</i>	Pai, palai huna	Endemic	<1	1
<i>Adenophorus oahuensis</i>	N/A	Endemic	<1	1
<i>Adenophorus oahuensis</i> x <i>A. pinnatifidus</i>	N/A	Endemic	<1 to 3	1
<i>Adenophorus periens</i>	Palai lā‘au	Endemic	<1 to 2	1
<i>Adenophorus pinnatifidus</i> var. <i>pinnatifidus</i>	N/A	Endemic	<1	1
<i>Adenophorus pinnatifidus</i> var. <i>rockii</i>	N/A	Endemic	<1	1
<i>Adenophorus tamariscinus</i> var. <i>tamariscinus</i>	Wahine noho mauna	Endemic	<1	1
<i>Adenophorus tripinnatifidus</i>	N/A	Endemic	<1 to 2	4
<i>Amauropelta globulifera</i>	Palapalai a Kamapua‘a	Endemic	2 to 4	4
<i>Arachniodes insularis</i>	N/A	Endemic	1 to 5	3
<i>Asplenium acuminatum</i>	Lola, spleenwort	Endemic	2 to 6	4
<i>Asplenium aethiopicum</i>	‘Iwa‘iwa a Kāne, spleenwort	Indigenous	<1	1
<i>Asplenium contiguum</i> var. <i>contiguum</i>	Spleenwort	Endemic	<1 to 2	2
<i>Asplenium horridum</i> var. <i>glabratum</i>	‘Iwa, ‘alae, spleenwort	Indigenous	1 to 4	4
<i>Asplenium horridum</i> var. <i>horridum</i>	‘Iwa, ‘alae, spleenwort	Indigenous	1 to 4	4
<i>Asplenium insiticium</i>	Pi‘ipi‘i lau manamana, spleenwort	Indigenous	1 to 4	4
<i>Asplenium kaulfussii</i> f. <i>bipinnatum</i>	Kūau, spleenwort	Endemic	1 to 4	4
<i>Asplenium kaulfussii</i> f. <i>dareoides</i>	Kūau, spleenwort	Endemic	1 to 4	4
<i>Asplenium kaulfussii</i> f. <i>gemmiparum</i>	Kūau, spleenwort	Endemic	1 to 4	4
<i>Asplenium kaulfussii</i> f. <i>kaulfussii</i>	Kūau, spleenwort	Endemic	1 to 4	4
<i>Asplenium lobulatum</i>	Pi‘ipi‘i lau manamana, ‘anali‘i, spleenwort	Indigenous	1 to 4	4
<i>Asplenium macraei</i>	‘Iwa‘iwa lau li‘i, spleenwort	Endemic?	3 to 2	2
<i>Asplenium normale</i>	Spleenwort	Indigenous	1 to 4	2
<i>Asplenium polyodon</i>	Pūnana manu, spleenwort	Indigenous	1 to 4	4
<i>Asplenium unilaterale</i>	Pāmoho, spleenwort	Indigenous	<1 to 2	2

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<i>Athyrium microphyllum</i>	‘Ākōlea	Endemic	2 to 5	8
<i>Christella boydiae</i>	N/A	Endemic	<1 to 2	2
<i>Christella cyatheoides</i>	Kikawaiō, kikawaioa, pikikawaiō	Endemic	<1	8
<i>Christella cyatheoides</i> x <i>C. dentata</i>	N/A	Endemic	3 to 8	8
<i>Cibotium chamissoi</i>	Hāpu‘u, Hawaiian tree fern	Endemic	4 to 23	8
<i>Cibotium glaucum</i>	Hāpu‘u, hāpu‘u pulu, Hawaiian tree fern	Endemic	4 to 23	8
<i>Cibotium menziesii</i>	Hāpu‘u ‘i‘i, ‘i‘i, i‘i‘i, Hawaiian tree fern	Endemic	8 to 27	8
<i>Coniogramme pilosa</i>	Lo‘ulu, bamboo fern	Endemic	1 to 3	2
<i>Ctenitis latifrons</i>	‘Ākōlea	Endemic	3 to 6	3
<i>Cyclosorus interruptus</i>	Neke, swamp cyclosorus	Indigenous	2	8
<i>Deparia prolifera</i>	N/A	Endemic	2 to 4	6
<i>Dicranopteris linearis</i> f. <i>emarginata</i>	Uluhe, unuhe, false staghorn	Endemic	4 to 8	38
<i>Dicranopteris linearis</i> f. <i>linearis</i>	Uluhe, unuhe, false staghorn	Indigenous	4 to 8	38
<i>Diplazium arnotii</i> x <i>D. sandwichianum</i>	N/A	Endemic	3 to 6	8
<i>Diplazium arnotii</i>	Hō‘i‘o, pohole	Endemic	3 to 6	8
<i>Diplopterygium pinnatum</i>	Uluhe lau nui, giant uluhe	Endemic	4 to 10	38
<i>Dryopteris crinalis</i> var. <i>crinalis</i>	Palapalai, ‘aumakua	Endemic	1 to 3	1
<i>Dryopteris fusco-atra</i> var. <i>fusco-atra</i>	‘I‘i	Endemic	1 to 4	2
<i>Dryopteris glabra</i> var. <i>glabra</i>	Kīlau, hohiu	Endemic	1 to 4	2
<i>Dryopteris glabra</i> var. <i>nuda</i>	Kīlau, hohiu	Endemic	1 to 4	2
<i>Dryopteris hawaiiensis</i>	N/A	Endemic	1 to 4	2
<i>Dryopteris unidentata</i> var. <i>paleacea</i>	‘Akole	Endemic	4 to 8	3
<i>Dryopteris unidentata</i> var. <i>unidentata</i>	‘Akole	Endemic	4 to 8	3
<i>Elaphoglossum alatum</i>	Hoe a Māui, ‘ēkaha, stag's tongue fern	Endemic	1 to 2	3
<i>Elaphoglossum alatum</i> x <i>E. fauriei</i>	Stag's tongue fern	Endemic	1 to 2	2
<i>Elaphoglossum crassifolium</i>	Hoe a Māui, ‘ēkaha, stag's tongue fern	Endemic	1 to 3	2
<i>Elaphoglossum fauriei</i>	Hoe a Māui, ‘ēkaha, stag's tongue fern	Endemic	1 to 2	2
<i>Elaphoglossum paleaceum</i>	Māku‘e, stag's tongue fern	Indigenous	<1 to 2	2
<i>Elaphoglossum wawrae</i>	Laukahi, hoe a Māui, ‘ēkaha, stag's tongue fern	Endemic	<1 to 2	2

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Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Gonocormus minutus</i>	N/A	Indigenous	<1	2
<i>Grammitis hookeri</i>	Māku'e lau li'i	Indigenous	<1	<1
<i>Grammitis tenella</i>	Kolokolo, mahinalua	Endemic	<1	1
<i>Haplopteris elongata</i>	'Ohe'ohe, mana	Indigenous	<1 to 2	2
<i>Huperzia erebescens</i> x <i>H. serrata</i>	Gemmiferous fir moss	Endemic	<1	1
<i>Huperzia erubescens</i>	Gemmiferous fir moss	Indigenous	<1	1
<i>Huperzia filiformis</i>	N/A	Indigenous	<1	1
<i>Huperzia nutans</i>	Hanging fern moss	Endemic	1	1
<i>Huperzia nutans</i> x <i>H. phyllantha</i>	N/A	Endemic	1 to 2	1
<i>Huperzia phyllantha</i>	Wāwae'i ole	Indigenous	1 to 3	1
<i>Huperzia serrata</i>	Gemmiferous fir moss	Indigenous	<1	8
<i>Hypolepis hawaiiensis</i> var. <i>hawaiiensis</i>	Olua	Endemic	<1 to 6	4
<i>Lepisorus thunbergianus</i>	Pākahakaha, 'ēkaha, 'ākōlea, pua'a	Indigenous	1 to 2	1
<i>Lindsaea repens</i> var. <i>macraeana</i>	Laukahi	Endemic	1 to 2	8
<i>Lycopodiella cernua</i>	Wāwae'i ole, huluhulu a 'i ole, hulu 'i ole, Christmas tree club moss	Indigenous	3 to 4	2
<i>Lycopodium venustulum</i> var. <i>venustulum</i>	N/A	Indigenous	<1	8
<i>Marattia douglasii</i>	Pala, kapua'i lio, mule's foot fern	Endemic	5 to 10	21
<i>Mecodium recurvum</i>	'Ōhi'a kū	Endemic	<1	2
<i>Microlepia speluncae</i>	N/A	Indigenous	3 to 6	4
<i>Microlepia strigosa</i> var. <i>strigosa</i>	Palapalai, palai	Indigenous	1 to 4	4
<i>Microsorium spectrum</i> var. <i>spectrum</i>	Pe'ahi	Endemic	1	8
<i>Nephrolepis cordifolia</i>	Kupukupu, 'ōkupukupu, sword fern	Indigenous	1 to 3	8
<i>Nephrolepis exaltata</i> ssp. <i>hawaiiensis</i>	Ni'ani'au, 'ōkupukupu, pāmoho, kupukupu, palapalai, sword fern	Endemic	1 to 4	8
<i>Ophioderma pendulum</i> ssp. <i>falcatum</i>	Puapua moa, laukahi, adder's tongue	Indigenous	1 to 2	1
<i>Pneumatopteris hudsoniana</i>	Laukahi	Endemic	4 to 6	4
<i>Pneumatopteris sandwicensis</i>	Hō'i'o kula	Endemic	1 to 4	2
<i>Polypodium pellucidum</i> var. <i>pellucidum</i> f. <i>pellucidum</i>	'Ae, 'ae lau nui	Endemic	2	1

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Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Pseudophegopteris keraudreniana</i>	Waimakanui, 'ākōlea, 'ala'alai	Endemic	8 to 11	27
<i>Psilotum complanatum</i>	Moa, moa nahele, pipi, flat-stemmed whiskfern	Indigenous	<1 to 2	1
<i>Psilotum intermedium</i> ( <i>P. complanatum</i> x <i>P. nudum</i> )	N/A	Endemic	2	1
<i>Psilotum nudum</i>	Moa, moa nahele, pipi, 'o'omoa, upright whiskfern	Indigenous	<1 to 2	2
<i>Pteridium aquilinum</i> var. <i>decompositum</i>	Kīlau, kīlau pueo, pai'ā, bracken fern	Endemic	1 to 6	8
<i>Pteris excelsa</i>	Waimakanui, 'iwa	Indigenous	4 to 10	8
<i>Pteris lidgatei</i>	N/A	Endemic	1 to 4	2
<i>Sadleria cyatheoides</i>	'Ama'u, ma'u, ma'uma'u, pua'a 'ehu'ehu, 'ama'uma'u	Endemic	6 to 13	10
<i>Sadleria pallida</i>	'Ama'u, ma'u, ma'uma'u, pua'a 'ehu'ehu, 'ama'uma'u, 'ama'u 'i'i, 'i'i, 'i'i'i	Endemic	4 to 13	10
<i>Sadleria souleyetiana</i>	'Ama'u, ma'u, ma'uma'u, pua'a 'ehu'ehu, 'ama'uma'u	Endemic	4 to 15	10
<i>Sceptridium subbifoliatum</i>	Makou	Endemic	1 to 2	1
<i>Schizaea robusta</i>	'Oāli'i makali'i, haili o Pua	Endemic	<1 to 2	<1
<i>Selaginella arbuscula</i>	Lepelepe a moa	Endemic	<1 to 2	5
<i>Sphaerocionium lanceolatum</i>	Palai hinahina	Endemic	<1	2
<i>Sphaerocionium obtusum</i>	Palai lau li'i	Endemic	<1	2
<i>Sphenomeris chinensis</i>	Pala'ā, palapala'ā, pā'ū o Pala'e, pala'e, lace fern	Indigenous	1 to 3	2
<i>Tectaria gaudichaudii</i>	'Iwa'iwa lau nui	Endemic	1 to 5	2
<i>Vandenboschia cyrtotheca</i>	N/A	Endemic	6 to 8	2
<i>Vandenboschia davallioides</i>	Palai hihī, kīlau	Endemic	6 to 8	2
<i>Vandenboschia draytoniana</i>	N/A	Endemic	1 to 2	1

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O‘ahu Zone 9, Grass/Sedge				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Agrostis avenacea</i>	He‘upueo, bentgrass	Indigenous	1 to 2	<1
<i>Carex alligata</i>	N/A	Endemic	2 to 6	1
<i>Cyperus hypochlorus</i> ssp. <i>hypochlorus</i>	‘Ahu‘awa	Endemic	1 to 3	2
<i>Cyperus polystachyos</i>	N/A	Indigenous	1 to 2	1
<i>Cyperus sandwicensis</i>	N/A	Endemic	1 to 5	2
<i>Dichanthelium koolauense</i>	N/A	Endemic	<1 to 1	2
<i>Eragrostis grandis</i>	Lovegrass	Endemic	6 to 8	6
<i>Fimbristylis dichotoma</i>	N/A	Indigenous	<1 to 3	1
<i>Gahnia beecheyi</i>	N/A	Endemic	2 to 5	4
<i>Machaerina angustifolia</i>	‘Uki	Indigenous	1 to 5	5
<i>Machaerina mariscoides</i> ssp. <i>meyenii</i>	‘Ahaniu, ‘uki	Endemic	2 to 3	2
<i>Oreobolus furcatus</i>	N/A	Endemic	<1	4
<i>Paspalum scrobiculatum</i>	Mau‘u laiki, ricegrass	Indigenous	2 to 5	2
<i>Schoenoplectus californicus</i>	Kaluhā, ‘aka‘akai	Possibly Indigenous	3 to 15	6

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O'ahu Zone 9, Herbaceous Plant				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Adenostemma viscosum</i>	Kāmanamana	Indigenous	2 to 4	2
<i>Anoectochilus sandwicensis</i>	Jewel orchid	Endemic	<1 to 2	2
<i>Astelia menziesiana</i>	Kaluaha, pua'akuhinia	Endemic	1 to 6	4
<i>Bidens campylotheca</i> ssp. <i>campylotheca</i>	Ko'oko'olau, ko'olau	Endemic	3 to 15	8
<i>Bidens macrocarpa</i>	Ko'oko'olau, ko'olau	Endemic	2 to 8	4
<i>Bidens populifolia</i>	Ko'oko'olau, ko'olau	Endemic	2 to 3	4
<i>Bidens torta</i>	Ko'oko'olau, ko'olau	Endemic	4 to 10	8
<i>Coprosma granadensis</i>	Mākole	Indigenous	<1	3
<i>Dianella sandwicensis</i>	'Uki'uki, 'uki	Indigenous	2 to 8	6
<i>Gunnera petaloidea</i>	'Ape'ape, 'ape, hāhā	Endemic	4 to 23	11
<i>Joinvillea ascendens</i> ssp. <i>ascendens</i>	'Ohe	Endemic	6 to 19	11
<i>Korthalsella complanata</i>	Hulumoa, kaumahana	Endemic	<1 to 2	<1
<i>Korthalsella remyana</i>	Hulumoa, kaumahana	Endemic	<1 to 1	<1
<i>Liparis hawaiiensis</i>	'Awapuhiakanaloa, twayblade	Endemic	<1 to 1	1
<i>Ludwigia octovalvis</i>	Kāmole, alohalua, kāmole lau li'i, kāmole lau li'i, primrose willow	Possible Polynesian Introduced	4 to 15	11
<i>Musa x paradisiaca</i>	Mai'a, banana	Polynesian introduction	8 to 38	11
<i>Oxalis corniculata</i>	'Ihi 'ai, 'ihi 'awa, 'ihi maka 'ula, 'ihi mākole, yellow wood sorrel	Possible Polynesian Introduced	<1 to 1	2
<i>Peperomia blanda</i> var. <i>floribunda</i>	'Ala'ala wai nui	Indigenous	1	2
<i>Peperomia ellipticibacca</i>	'Ala'ala wai nui	Endemic	<1 to 1	1
<i>Peperomia latifolia</i>	'Ala'ala wai nui	Endemic	1 to 2	1
<i>Peperomia macraeana</i>	'Ala'ala wai nui	Endemic	1 to 8	4
<i>Peperomia membranacea</i>	'Ala'ala wai nui	Endemic	1 to 3	1
<i>Peperomia remyi</i>	'Ala'ala wai nui	Endemic	1 to 2	2
<i>Peperomia sandwicensis</i>	'Ala'ala wai nui	Endemic	<1 to 1	1
<i>Peperomia tetraphylla</i>	'Ala'ala wai nui	Endemic	3 to 2	2
<i>Persicaria glabra</i>	Kāmole	Possibly Indigenous	2 to 6	6
<i>Phyllostegia glabra</i> var. <i>glabra</i>	Ulihi	Endemic	3 to 19	11
<i>Phyllostegia mollis</i>	N/A	Endemic	2 to 6	4

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Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Phyllostegia parviflora</i> var. <i>lydgatei</i>	N/A	Endemic	2 to 6	4
<i>Phyllostegia parviflora</i> var. <i>parviflora</i>	N/A	Endemic	2 to 6	4
<i>Phytolacca sandwicensis</i>	Pōpolo kū mai, pōpolo, Hawaiian pokeberry	Endemic	3 to 15	8
<i>Pilea peploides</i>	N/A	Indigenous	<1 to 1	2
<i>Plantago pachyphylla</i>	Laukahi kuahiwi, manene	Endemic	1	<1
<i>Plantago princeps</i> var. <i>longibracteata</i>	Laukahi kuahiwi, ale	Endemic	<1	2
<i>Platanthera holochila</i>	Fringed orchid	Endemic	1 to 2	1
<i>Sanicula purpurea</i>	N/A	Endemic	<1 to 1	1
<i>Schiedea kaalae</i>	N/A	Endemic	<1 to 1	1
<i>Solanum americanum</i>	Pōpolo, ‘olohua, polopolo, pōpolohua, glossy nightshade	Possibly Indigenous	4 to 5	4

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O‘ahu Zone 9, Subshrub				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Hedyotis centranthoides</i>	N/A	Endemic	1 to 8	4
<i>Hedyotis elatior</i>	‘Uiwi, ‘āwiwi	Endemic	1 to 2	4
<i>Hedyotis schlechtendahliana</i> var. <i>schlechtendahliana</i>	Kopa	Endemic	4 to 8	23
<i>Phyllostegia hirsuta</i>	N/A	Endemic	4 to 11	8
<i>Viola oahuensis</i>	Violet	Endemic	0 to 2	0



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O‘ahu Zone 9, Shrub				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Alyxia oliviformis</i>	Maile	Endemic	4 to 11	8
<i>Boehmeria grandis</i>	‘Ākōlea	Endemic	4 to 8	4
<i>Broussaisia arguta</i>	Kanawao, pū‘ahanui	Endemic	8 to 19	10
<i>Chamaesyce clusiifolia</i>	‘Akoko, koko, ‘ekoko, kōkōmālei	Endemic	4 to 11	8
<i>Chamaesyce multiformis</i> var. <i>microphylla</i>	‘Akoko, koko, ‘ekoko, kōkōmālei	Endemic	2 to 11	8
<i>Chamaesyce multiformis</i> var. <i>multiformis</i>	‘Akoko, koko, ‘ekoko, kōkōmālei	Endemic	2 to 11	8
<i>Chamaesyce rockii</i>	‘Akoko, koko, ‘ekoko, kōkōmālei	Endemic	2 to 8	4
<i>Coprosma foliosa</i>	Pilo, hupilo	Endemic	4 to 31	15
<i>Cyanea angustifolia</i>	Hāhā	Endemic	6 to 19	10
<i>Cyanea calycina</i>	Hāhā	Endemic	4 to 11	8
<i>Cyanea crispa</i>	Hāhā	Endemic	1 to 5	2
<i>Cyanea grimesiana</i> ssp. <i>grimesiana</i>	Hāhā	Endemic	4 to 12	8
<i>Cyanea grimesiana</i> ssp. <i>obatae</i>	Hāhā	Endemic	4 to 12	8
<i>Cyanea humboldtiana</i>	Hāhā	Endemic	4 to 8	2
<i>Cyanea koolauensis</i>	Hāhā	Endemic	4 to 6	2
<i>Cyanea lanceolata</i>	Hāhā	Endemic	4 to 11	6
<i>Cyanea longiflora</i>	Hāhā	Endemic	4 to 11	4
<i>Cyanea st.-johnii</i>	Hāhā	Endemic	2 to 2	1
<i>Cyrtandra crenata</i>	Ha‘iwale, kanawao ke‘oke‘o	Endemic	4 to 8	2
<i>Cyrtandra garnotiana</i>	Hahala	Endemic	4 to 15	8
<i>Cyrtandra grandiflora</i>	Ha‘iwale, kanawao ke‘oke‘o	Endemic	4 to 8	4
<i>Cyrtandra hawaiiensis</i>	Ha‘iwale, kanawao ke‘oke‘o	Endemic	4 to 19	8
<i>Cyrtandra kalihii</i>	Ha‘iwale, kanawao ke‘oke‘o	Endemic	4 to 19	8
<i>Cyrtandra lessoniana</i>	Ha‘iwale, kanawao ke‘oke‘o	Endemic	8 to 15	11
<i>Cyrtandra macraei</i>	Ha‘iwale, kanawao ke‘oke‘o	Endemic	6 to 15	8
<i>Cyrtandra paludosa</i> var. <i>paludosa</i>	Moa, hahala	Endemic	4 to 19	8
<i>Cyrtandra propinqua</i>	Ha‘iwale, kanawao ke‘oke‘o	Endemic	10 to 27	10
<i>Cyrtandra rivularis</i>	Ha‘iwale, kanawao ke‘oke‘o	Endemic	2 to 8	4
<i>Cyrtandra sessilis</i>	Ha‘iwale, kanawao ke‘oke‘o	Endemic	2 to 4	2
<i>Cyrtandra viridiflora</i>	Ha‘iwale, kanawao ke‘oke‘o	Endemic	2 to 8	2
<i>Cyrtandra waianaensis</i>	Hahala	Endemic	4 to 27	8

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Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Dubautia laxa</i> ssp. <i>bryanii</i>	Na‘ena‘e pua melemele	Endemic	15 to 19	11
<i>Dubautia laxa</i> ssp. <i>hirsuta</i>	Na‘ena‘e pua melemele	Endemic	15 to 19	11
<i>Dubautia laxa</i> ssp. <i>laxa</i>	Na‘ena‘e pua melemele	Endemic	15 to 19	11
<i>Dubautia laxa</i> ssp. <i>pseudoplantaginea</i>	Na‘ena‘e pua melemele	Endemic	15 to 19	11
<i>Hedyotis acuminata</i>	Au, pilo	Endemic	8 to 15	8
<i>Hedyotis fluviatilis</i>	Kamapua‘a, pilo	Endemic	2 to 4	10
<i>Hedyotis fosbergii</i>	Manono	Endemic	6 to 10	8
<i>Isodendron longifolium</i>	Aupaka	Endemic	1 to 14	2
<i>Labordia fagraeoides</i>	Kāmakahala	Endemic	4 to 8	6
<i>Labordia sessilis</i>	Kāmakahala	Endemic	4 to 11	8
<i>Labordia waiolani</i>	Kāmakahala	Endemic	1 to 8	4
<i>Lobelia gaudichaudii</i> ssp. <i>gaudichaudii</i>	N/A	Endemic	1 to 4	1
<i>Lobelia gaudichaudii</i> ssp. <i>koolauensis</i>	N/A	Endemic	1 to 4	1
<i>Lobelia hypoleuca</i>	Kuhi‘aikamo‘owahie, liua, mo‘owahie, ‘ōpelu	Endemic	6 to 11	4
<i>Lobelia oahuensis</i>	N/A	Endemic	4 to 11	4
<i>Lysimachia filifolia</i>	N/A	Endemic	1 to 2	1
<i>Lysimachia forbesii</i>	N/A	Endemic	4 to 6	2
<i>Lysimachia hillebrandii</i>	Kolokolo kuahiwi, kolekole lehua, kolokolo lehua, puahekili	Endemic	2 to 6	10
<i>Melicope lydgatei</i>	Alani, alani kuahiwi	Endemic	2 to 8	6
<i>Melicope rotundifolia</i>	Alani, alani kuahiwi	Endemic	4 to 15	23
<i>Metrosideros rugosa</i>	Lehua papa	Endemic	4 to 15	10
<i>Myrsine juddii</i>	Kōlea	Endemic	4 to 8	4
<i>Scaevola gaudichaudiana</i>	Naupaka kuahiwi	Endemic	6 to 11	8
<i>Scaevola glabra</i>	‘Ohe naupaka	Endemic	6 to 15	8
<i>Scaevola mollis</i>	Naupaka kuahiwi	Endemic	4 to 10	8
<i>Sida fallax</i>	‘Ilima	Indigenous	1 to 11	8
<i>Touchardia latifolia</i>	Olonā	Endemic	4 to 15	11
<i>Trematolobelia macrostachys</i>	Koli‘i	Endemic	4 to 15	6
<i>Vaccinium calycinum</i>	‘Ōhelo, ‘ohelo kau lā‘au	Endemic	4 to 19	6

## O‘ahu Zone 9

(Greater than 100 inches rainfall per year, 1,000 to 3,000 feet elevation)

O‘ahu Zone 9, Tree/Shrub				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Clermontia fauriei</i>	‘Ōhā wai, ‘ōhā, hāhā	Endemic	8 to 27	11
<i>Clermontia kakeana</i>	‘Ōhā wai, ‘ōhā, hāhā	Endemic	4 to 23	11
<i>Clermontia oblongiflora</i> ssp. <i>oblongifolia</i>	‘Ōhā wai, ‘ōhā, hāhā	Endemic	8 to 27	11
<i>Clermontia persicifolia</i>	‘Ōhā wai, ‘ōhā, hāhā	Endemic	8 to 23	10
<i>Coprosma longifolia</i>	Pilo, hupilo	Endemic	8 to 19	11
<i>Coprosma ochracea</i>	Pilo, hupilo	Endemic	8 to 23	11
<i>Dodonaea viscosa</i>	‘A‘ali‘i, ‘a‘ali‘i kū makani, ‘a‘ali‘i kū ma kua, kūmakani	Indigenous	8 to 31	15
<i>Dubautia plantaginea</i> ssp. <i>plantaginea</i>	Na‘ena‘e, kūpaoa, hanupaoa, hina‘aikamalama, ne‘ine‘i	Endemic	11 to 27	11
<i>Eurya sandwicensis</i>	Ānini, wānini	Endemic	8 to 23	15
<i>Exocarpos gaudichaudii</i>	Hulumoa, kaumahana	Endemic	8 to 27	15
<i>Hedyotis terminalis</i>	Manono	Endemic	4 to 19	11
<i>Hesperomannia arbuscula</i>	N/A	Endemic	8 to 13	8
<i>Hibiscus arnottianus</i> ssp. <i>arnottianus</i>	Koki‘o ke‘oke‘o, hau hele, koki‘o kea, pāmakani	Endemic	31 to 38	19
<i>Hibiscus arnottianus</i> ssp. <i>punaluuensis</i>	Koki‘o ke‘oke‘o, hau hele, koki‘o kea, pāmakani	Endemic	31 to 38	19
<i>Hibiscus kokio</i> ssp. <i>kokio</i>	Koki‘o, koki‘o ‘ula, koki‘o ‘ula‘ula, mākū	Endemic	4 to 27	11
<i>Hibiscus tiliaceus</i>	Hau	Indigenous	8 to 76	38
<i>Ilex anomala</i>	Kāwa‘u, ‘aiea	Indigenous	4 to 46	38
<i>Labordia hirtella</i>	Kāmakahala	Endemic	6 to 23	11
<i>Labordia kaalae</i>	Kāmakahala	Endemic	8 to 23	8
<i>Labordia tinifolia</i> var. <i>tinifolia</i>	Kāmakahala	Endemic	5 to 57	19
<i>Melicope clusiifolia</i>	Kūkaemoa, kolokolo mokihana	Endemic	8 to 38	19
<i>Melicope kaalaensis</i>	Alani, alani kuahiwi	Endemic	11 to 27	15
<i>Melicope oahuensis</i>	Alani, alani kuahiwi	Endemic	8 to 27	15
<i>Melicope ovata</i>	Alani, alani kuahiwi	Endemic	11 to 31	19
<i>Metrosideros polymorpha</i> var. <i>glaberrima</i>	‘Ōhi‘a, ‘ohi‘a lehua, lehua	Endemic	6 to 27	11
<i>Metrosideros polymorpha</i> var. <i>incana</i>	‘Ōhi‘a, ‘ohi‘a lehua, lehua	Endemic	11 to 57	15
<i>Metrosideros polymorpha</i> var. <i>polymorpha</i>	‘Ōhi‘a, ‘ohi‘a lehua, lehua	Endemic	10 to 57	19
<i>Metrosideros tremuloides</i>	Lehua ‘āhihi, ‘āhihi, ‘āhihi kū ma kua, ‘āhihi lehua, kūmakua, ‘ōhi‘a ‘āhihi	Endemic	8 to 31	15

## O‘ahu Zone 9

(Greater than 100 inches rainfall per year, 1,000 to 3,000 feet elevation)

O‘ahu Zone 9, Tree/Shrub				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Myrsine fosbergii</i>	Kōlea	Endemic	8 to 15	8
<i>Myrsine sandwicensis</i>	Kōlea lau nui	Endemic	6 to 27	8
<i>Nothocestrum longifolium</i>	‘Aiea, hālena	Endemic	19 to 23	11
<i>Pipturus albidus</i>	Māmaki, māmake, waimea	Endemic	8 to 23	15
<i>Pisonia brunoniana</i>	Pāpala kēpau, pāpala	Indigenous	11 to 23	11
<i>Pisonia umbellifera</i>	Pāpala kēpau, pāpala	Indigenous	19 to 38	19
<i>Pittosporum confertiflorum</i>	Hō‘awa, hā‘awa	Endemic	8 to 34	11
<i>Pittosporum glabrum</i>	Hō‘awa, hā‘awa, papahekili	Endemic	15 to 31	11
<i>Platydesma spathulata</i>	Pilo kea	Endemic	8 to 46	19
<i>Psychotria hexandra</i> ssp. <i>oahuensis</i> var. <i>hosakana</i>	Kōpiko	Endemic	19 to 23	19
<i>Psychotria hexandra</i> ssp. <i>oahuensis</i> var. <i>oahuensis</i>	Kōpiko	Endemic	19 to 23	19
<i>Psychotria hexandra</i> ssp. <i>oahuensis</i> var. <i>rockii</i>	Kōpiko	Endemic	19 to 23	19
<i>Psychotria kaduana</i>	Kōpiko kea	Endemic	15 to 31	19
<i>Psydrax odorata</i>	Alahe‘e, ‘ōhe‘e, walahe‘e	Indigenous	11 to 57	23
<i>Santalum freycinetianum</i> var. <i>freycinetianum</i>	‘Iliahi, ‘a‘ahi, ‘aoa, lā‘au ‘ala, wahie ‘ala, Sandalwood	Endemic	4 to 50	27
<i>Sophora chrysophylla</i>	Māmane, mamani	Endemic	46 to 57	19
<i>Streblus pendulinus</i>	A ‘ia‘i	Indigenous	8 to 31	15
<i>Urera glabra</i>	Ōpuhe, hōpue, hona	Endemic	8 to 31	15
<i>Wikstroemia oahuensis</i> var. <i>oahuensis</i>	‘Ākia, kauhi	Endemic	15 to 23	11

## O‘ahu Zone 9

(Greater than 100 inches rainfall per year, 1,000 to 3,000 feet elevation)

O‘ahu Zone 9, Tree				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Acacia koa</i>	Koa	Endemic	96 to 134	57
<i>Antidesma platyphyllum</i> var. <i>platyphyllum</i>	Hame, ha‘ā, ha‘āmaile, hamehame, mehame, mehamehame	Endemic	11 to 57	19
<i>Bobea brevipes</i>	‘Ahahea lau li‘i, ‘akupa	Endemic	34 to 38	19
<i>Bobea elatior</i>	‘Ahakea lau nui	Endemic	46 to 57	19
<i>Charpentiera ovata</i> var. <i>niuensis</i>	Pāpala	Endemic	15 to 23	11
<i>Charpentiera ovata</i> var. <i>ovata</i>	Pāpala	Endemic	15 to 23	11
<i>Cheirodendron platyphyllum</i> ssp. <i>platyphyllum</i>	‘Ōlapa, lapalapa	Endemic	8 to 38	27
<i>Cheirodendron trigynum</i> ssp. <i>trigynum</i>	‘Ōlapa, lapalapa	Endemic	19 to 57	27
<i>Diospyros sandwicensis</i>	Lama, ēlama	Endemic	8 to 57	23
<i>Elaeocarpus bifidus</i>	Kalia	Endemic	10 to 38	23
<i>Gardenia mannii</i>	Nānū, nā‘ū	Endemic	19 to 57	19
<i>Hesperomannia arborescens</i>	N/A	Endemic	6 to 38	15
<i>Metrosideros macropus</i>	‘Ōhi‘a, ‘ohi‘a lehua, lehua	Endemic	19 to 27	11
<i>Myrsine degeneri</i>	Kōlea	Endemic	8 to 15	11
<i>Myrsine pukooensis</i>	Kōlea	Endemic	19 to 23	11
<i>Perrottetia sandwicensis</i>	Olomea, pua‘a olomea, waimea	Endemic	8 to 31	15
<i>Pisonia sandwicensis</i>	Āulu, kaulu	Endemic	46 to 57	19
<i>Pittosporum flocculosum</i>	Hō‘awa, hā‘awa	Endemic	15 to 42	11
<i>Pritchardia martii</i>	Loulu hiwa	Endemic	11 to 61	11
<i>Psychotria fauriei</i>	Kōpiko	Endemic	11 to 19	15
<i>Psychotria mariniana</i>	Kōpiko	Endemic	38 to 76	38
<i>Rhus sandwicensis</i>	Neleau, neneleau, sumac	Endemic	11 to 31	11
<i>Tetraplasandra gymnocarpa</i>	‘Ohe‘ohe	Endemic	10 to 38	19
<i>Tetraplasandra kawaiensis</i>	‘Ohe‘ohe	Endemic	31 to 96	31
<i>Tetraplasandra oahuensis</i>	‘Ohe mauka	Endemic	11 to 38	31
<i>Xylosma hawaiiense</i>	Maua, a‘e	Endemic	11 to 34	15
<i>Zanthoxylum dipetalum</i> var. <i>dipetalum</i>	Kāwa‘u, kāwa‘u kua kuku kapa	Endemic	15 to 57	19
<i>Zanthoxylum dipetalum</i> var. <i>dipetalum</i>	Kāwa‘u, kāwa‘u kua kuku kapa	Endemic	15 to 57	23
<i>Zanthoxylum kauaense</i>	A‘e, mānele, hea‘e	Endemic	4 to 57	23
<i>Zanthoxylum oahuense</i>	A‘e, mānele, hea‘e	Endemic	11 to 23	15

## O‘ahu Zone 9

(Greater than 100 inches rainfall per year, 1,000 to 3,000 feet elevation)

O‘ahu Zone 9, Vine/Liana				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Embelia pacifica</i>	Kilioe	Endemic	8 to 11	8
<i>Freycinetia arborea</i>	‘Ie‘ie, ‘ie	Indigenous	38 to 57	15
<i>Phyllostegia grandiflora</i>	Kāpana	Endemic	4 to 11	8
<i>Phyllostegia lantanoides</i>	N/A	Endemic	4 to 8	8
<i>Smilax melastomifolia</i>	Hoi kuahiwi, aka ‘awa, pi‘oi, uhi, ulehihi, catbrier, greenbrier	Endemic	11 to 23	19
<i>Strongylodon ruber</i>	Nuku ‘i‘iwi, kā‘i‘iwi, nuku	Endemic	38 to 46	19