

O‘ahu Zone 4

(50 to 100 inches rainfall per year, less than 150 feet elevation)

O‘ahu Zone 4, Fern/Fern Ally				
Species	Common name	End/ind/pol	Height (ft)	Spread (fdt)
<i>Adiantum capillus-veneris</i>	‘Iwa‘iwa, ‘iwa‘iwa hāwai, ‘iwa‘iwa kahakaha, Venus’ hair fern, maidenhair fern	Indigenous	1 to 2	1
<i>Asplenium nidus</i>	‘Ēkaha, ‘ēkaha kuahiwi, ‘ēkahakaha, bird’s nest fern	Indigenous	4 to 6	6
<i>Cyclosorus interruptus</i>	Neke, swamp cyclosorus	Indigenous	2 to 2	8
<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>Haplopteris elongata</i>	‘Ohe‘ohe, mana	Indigenous	<1 to 2	2
<i>Lepisorus thunbergianus</i>	Pākahakaha, ‘ēkaha, ‘ākōlea, pua‘a	Indigenous	1 to 2	1
<i>Nephrolepis exaltata</i> ssp. <i>hawaiieinsis</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>Ophioglossum nudicaule</i>	Adder’s tongue	Indigenous	<1	2
<i>Ophioglossum petiolatum</i>	Adder’s tongue	Indigenous	<1	2
<i>Pneumatopteris hudsoniana</i>	Laukahi	Endemic	4 to 6	4
<i>Psilotum nudum</i>	Moa, moa nahele, pipi, ‘o‘omoa, upright whiskfern	Indigenous	<1 to 2	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>Sphenomeris chinensis</i>	Pala‘ā, palapala‘ā, pā‘ū o Pala‘e, pala‘e, lace fern	Indigenous	1 to 3	2
<i>Vandenboschia draytoniana</i>	N/A	Endemic	1 to 2	1

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O‘ahu Zone 4, Grass/Sedge				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Bolboschoenus maritimus</i> <i>ssp. paludosus</i>	Kaluhā	Indigenous	1 to 6	<1
<i>Carex wahuensis</i> ssp. <i>wahuensis</i>	N/A	Endemic	1 to 4	2
<i>Cyperus laevigatus</i>	Makaloa, makoloa, ehu‘awa	Indigenous	<1 to 2	8
<i>Cyperus odoratus</i>	Pu‘uka‘a, kili‘o‘opu, kiolohia, mau‘u pu‘uka‘a, pūko‘a, pu‘uko‘a	Endemic	1 to 5	1
<i>Cyperus pennatifolius</i> var. <i>pennatifolius</i>	N/A	Endemic	2 to 5	2
<i>Cyperus polystachyos</i>	N/A	Indigenous	1 to 2	1
<i>Digitaria setigera</i>	Kūkaepua‘a, mau‘u kūkaepua‘a, itchy crabgrass	Possibly Indigenous	1 to 3	2
<i>Eragrostis paupera</i>	Lovegrass	Indigenous	1	1
<i>Eragrostis variabilis</i>	Kāwelu, ‘emoloa, kalamālō, lovegrass	Endemic	2 to 3	2
<i>Fimbristylis cymosa</i> ssp. <i>spathacea</i>	Mau‘u ‘aki‘aki	Indigenous	<1	1
<i>Fimbristylis cymosa</i> ssp. <i>umbellato-capitata</i>	Mau‘u ‘aki‘aki	Indigenous	<1	1
<i>Fimbristylis dichotoma</i>	N/A	Indigenous	<1 to 3	1
<i>Ischaemum bryone</i>	Hilo ischaemum	Endemic	2 to 3	2
<i>Paspalum scrobiculatum</i>	Mau‘u laiki, ricegrass	Indigenous	2 to 5	2
<i>Saccharum officinarum</i>	Kō, sugarcane	Polynesian introduction	8 to 11	8
<i>Schoenoplectus californicus</i>	Kaluhā, ‘aka‘akai	Possibly Indigenous	3 to 15	6
<i>Sporobolus virginicus</i>	‘Aki‘aki, ‘aki, mahiki, māhikihiki, mānienie ‘aki‘aki, mānienie māhikihiki, mānienie maoli seashore rushgrass, beach dropseed	Indigenous	<1 to 3	11

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O‘ahu Zone 4, Herbaceous Plant				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Bacopa monnieri</i>	‘Ae‘ae, water hyssop	Indigenous	<1	8
<i>Cleome spinosa</i>	Honohino, ‘ili‘ohu, spider flower	Indigenous	4 to 5	1
<i>Cleome spinosa</i> ssp. <i>nov</i>	Honohino, ‘ili‘ohu, spider flower	Endemic	4 to 5	1
<i>Colocasia esculenta</i>	Kalo, taro	Polynesian introduction	2 to 4	4
<i>Melanthera remyi</i>	Nehe	Endemic	2	4
<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>Peucedanum sandwicense</i>	Makou	Endemic	2 to 8	6
<i>Solanum americanum</i>	Pōpolo, ‘olohua, polopolo, pōpolohua, glossy nightshade	Possibly Indigenous	4 to 5	4
<i>Tacca leontopetaloides</i>	Pia, Polynesian arrowroot, bat flower	Polynesian introduction	4 to 6	6

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O‘ahu Zone 4, Subshrub				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Artemisia australis</i>	‘Āhinahina, hinahina, hinahina kuahiwi	Endemic	1 to 2	4
<i>Sida rhombifolia</i>	N/A	Possibly Indigenous	2 to 6	4

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O‘ahu Zone 4, Shrub				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Chamaesyce kuwaleana</i>	‘Akoko, koko, ‘ekoko, kōkōmālei	Endemic	1 to 3	2
<i>Cordyline fruticosa</i>	Kī, ti	Polynesian introduction	8 to 13	8
<i>Osteomeles anthyllidifolia</i>	‘Ūlei, eluehe, u‘ulei	Indigenous	4 to 11	10
<i>Scaevola taccada</i>	Naupaka kahakai, aupaka, huahekili, naupaka kai	Indigenous	8 to 11	11
<i>Senna gaudichaudii</i>	Kolomona, heuhiuhu, kalamona, uhiuhi	Indigenous	2 to 15	8
<i>Sida fallax</i>	‘Ilima	Indigenous	1 to 11	8
<i>Vitex rotundifolia</i>	Kolokolo kahakai, hinahina kolo, mānawanawa, māwanawana, pōhinahina, pōlinalina, beach vitex	Indigenous	3 to 4	10

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O‘ahu Zone 4, Tree/Shrub				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<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>Hibiscus tiliaceus</i>	Hau	Indigenous	8 to 76	38
<i>Morinda citrifolia</i>	Noni, Indian mulberry	Polynesian introduction	11 to 23	19
<i>Pipturus albidus</i>	Māmaki, māmake, waimea	Endemic	8 to 23	15
<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>Thespesia populnea</i>	Milo, portia tree	Indigenous	19 to 76	19
<i>Wikstroemia oahuensis</i> var. <i>oahuensis</i>	‘Ākia, kauhi	Endemic	15 to 23	11

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O‘ahu Zone 4, Tree				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Aleurites moluccana</i>	Kukui, kuikui, candlenut tree	Polynesian introduction	38 to 76	57
<i>Antidesma pulvinatum</i>	Hame, ha‘ā, ha‘āmaile, hamehame, mehame, mehamehame	Endemic	8 to 46	15
<i>Artocarpus altilis</i>	‘Ulu, breadfruit	Polynesian introduction	34 to 69	38
<i>Broussonetia papyrifera</i>	Wauke, po‘a‘aha, paper mulberry	Polynesian introduction	19 to 38	11
<i>Cocos nucifera</i>	Niu, lolani, coconut	Polynesian introduction	96 to 115	11
<i>Diospyros sandwicensis</i>	Lama, ēlama	Endemic	8 to 57	23
<i>Nestegis sandwicensis</i>	Olopua, pua, ulupua	Endemic	31 to 96	23
<i>Pandanus tectorius</i>	Hala, pū hala, screw pine	Indigenous	34 to 38	34
<i>Reynoldsia sandwicensis</i>	‘Ohe, ‘ohe kukuluae‘o, ‘ohe makai, ‘ohe‘ohe, ‘oheokai	Endemic	76 to 115	57

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O'ahu Zone 4, Vine/Liana				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Caesalpinia major</i>	Kākalaioa, hihikolo, kinikini, yellow nickers, Hawaiian pearls	Possibly Indigenous	46 to 57	38
<i>Cassytha filiformis</i>	Kauna'oa pehu, kauna'oa mālolo, kauna'oa uka, kaunoa, mālolo, pōlolo	Indigenous	11 to 15	11
<i>Cocculus orbiculatus</i>	Huehue, hue, hue'ie, 'inalua	Indigenous	2 to 11	11
<i>Dioscorea bulbifera</i>	Hoi, pi'oi, bitter yam, air potato	Polynesian introduction	38 to 115	38
<i>Gouania vitifolia</i>	N/A	Endemic	8 to 19	11