

O‘ahu Zone 1

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

O‘ahu Zone 1, Fern/Fern Ally				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<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>Doryopteris decipiens</i>	‘Iwa‘iwa, manawahua, kumuniu	Endemic	1	1
<i>Lepisorus thunbergianus</i>	Pākahakaha, ‘ēkaha, ‘ākōlea, pua‘a	Indigenous	1 to 2	1
<i>Nephrolepis exaltata</i> ssp. <i>hawaiiensis</i>	Ni‘ani‘au, ‘ōkupukupu, pāmoho, kupukupu, palapalai, sword fern	Endemic	1 to 4	8
<i>Ophioglossum nudicaule</i>	Adder’s tongue	Indigenous	<1	2
<i>Ophioglossum petiolatum</i>	Adder’s tongue	Indigenous	<1	2
<i>Ophioglossum polyphyllum</i>	Pololei, adder’s tongue	Indigenous	<1	11
<i>Pityrogramma</i> x <i>mckenneyi</i> (<i>P. austroamericana</i> x <i>P. calomelanos</i>)	Fool’s gold fern (endemic hybrid of naturalized species)	Endemic	3	2
<i>Psilotum nudum</i>	Moa, moa nahele, pipi, ‘o‘omoa, upright whiskfern	Indigenous	<1 to 2	2

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O‘ahu Zone 1, Grass/Sedge				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Bolboschoenus maritimus</i> ssp. <i>paludosus</i>	Kaluhā	Indigenous	1 to 6	<1
<i>Carex wahuensis</i> ssp. <i>wahuensis</i>	N/A	Endemic	1 to 4	2
<i>Chrysopogon aciculatus</i>	Mānienie ‘ula, pi ‘ipi ‘i, pilipili ‘ula, golden beardgrass	Possibly Indigenous	1	2
<i>Cyperus javanicus</i>	‘Ahu‘awa, ‘ehu‘awa	Indigenous	2 to 4	2
<i>Cyperus laevigatus</i>	Makaloa, makoloa, ehu‘awa	Indigenous	<1 to 2	8
<i>Cyperus pennatiformis</i> var. <i>pennatiformis</i>	N/A	Endemic	2 to 5	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>Heteropogon contortus</i>	Pili, lule, pili grass, twisted beardgrass, tanglehead	Indigenous	2 to 4	1
<i>Ischaemum bryone</i>	Hilo ischaemum	Endemic	2 to 3	2
<i>Panicum fauriei</i> var. <i>carteri</i>	Carter’s panic grass	Endemic	<1 to 2	1
<i>Panicum fauriei</i> var. <i>fauriei</i>	Panic grass	Endemic	<1 to 2	1
<i>Panicum fauriei</i> var. <i>latius</i>	Panic grass	Endemic	<1 to 2	1
<i>Panicum torridum</i>	Kākonakona, hākonakona, panic grass	Endemic	<1 to 3	1
<i>Panicum xerophilum</i>	Kākonakona, he‘upueo, panic grass	Endemic	<1 to 3	1
<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>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 1, Herbaceous Plant				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Argemone glauca</i> var. <i>glauca</i>	Pua kala, kala, naule, pōkalakala, Hawaiian poppy	Endemic	3 to 6	4
<i>Bacopa monnieri</i>	‘Ae‘ae, water hyssop	Indigenous	<1	8
<i>Bidens molokaiensis</i>	Ko‘oko‘olau, ko‘olau	Endemic	<1 to 1	1
<i>Boerhavia acutifolia</i>	Alena, anena, nena	Indigenous	<1	6
<i>Boerhavia herbstii</i>	Alena	Endemic	<1	5
<i>Centaurium sebaeoides</i>	‘Āwiwi	Endemic	<1 to 1	1
<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>Hedyotis littoralis</i>	N/A	Endemic	1 to 2	2
<i>Heliotropium curassavicum</i>	Kīpūkai, lau po‘opo‘ohina, nena, po‘opo‘ohina, seaside heliotrope	Indigenous	1	4
<i>Lipochaeta lobata</i> ssp. <i>leptophylla</i>	Nehe	Endemic	2 to 6	4
<i>Lipochaeta lobata</i> var. <i>lobata</i>	Nehe	Endemic	2 to 6	4
<i>Lipochaeta succulenta</i>	Nehe	Endemic	2 to 6	4
<i>Melanthera integrifolia</i>	Nehe	Endemic	<1	8
<i>Melanthera remyi</i>	Nehe	Endemic	2	4
<i>Nama sandwicensis</i>	Hinahina kahakai	Endemic	<1	1
<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>Plectranthus parviflorus</i>	‘Ala‘ala wai nui, ‘ala‘ala wai nui pua kī, ‘ala‘ala wai nui wahine, spurflower	Indigenous	<1 to 4	4
<i>Portulaca lutea</i>	‘Ihi	Indigenous	1	1
<i>Portulaca villosa</i>	‘Ihi	Endemic	1	2
<i>Pseudognaphalium sandwicense</i> var. <i>sandwicense</i>	‘Ena‘ena, pūheu	Endemic	<1 to 2	2
<i>Scaevola coriacea</i>	Dwarf naupaka	Endemic	1 to 2	4
<i>Sesuvium portulacastrum</i>	‘Ākulikuli, sea purslane	Indigenous	1 to 4	
<i>Solanum americanum</i>	Pōpōlo, ‘olohua, polopolo, pōpolohua, glossy nightshade	Possibly Indigenous	4 to 5	4
<i>Tribulus cistoides</i>	Nohu, nohunu	Indigenous	<1 to 1	5

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O‘ahu Zone 1, 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>Chamaesyce degeneri</i>	‘Akoko, koko, ‘ekoko, kōkōmālei	Endemic	<1 to 1	2
<i>Cressa truxillensis</i>	N/A	Indigenous	<1 to 1	1
<i>Heliotropium anomalum</i> var. <i>argenteum</i>	Hinahina, hinahina kū kahakai, nohonohopu‘uone, pōhinahina, heliotrope	Endemic	1	4
<i>Lepidium bidentatum</i> var. <i>o-waihiense</i>	‘Ānaunau, ‘ānounou, kūnānā, naunau, pepperwort, peppergrass	Endemic	1 to 2	1
<i>Schiedea globosa</i>	N/A	Endemic	1 to 2	3
<i>Sida rhombifolia</i>	N/A	Possibly Indigenous	2 to 6	4
<i>Tephrosia purpurea</i> var. <i>purpurea</i>	‘Auhuhu, ahuhu, ‘auhola, hola	Polynesian introduction	4 to 6	4
<i>Waltheria indica</i>	‘Uhaloa, ‘ala‘ala pū loa, hala ‘uhaloa, hi‘aloha, kanakaloha	Indigenous	2 to 6	4

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O‘ahu Zone 1, Shrub				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Abutilon incanum</i>	Ma‘o, hoary abutilon	Possibly Indigenous	2 to 4	8
<i>Achyranthes splendens</i> var. <i>rotundata</i>	Hinahina ‘ewa	Endemic	2 to 8	4
<i>Capparis sandwichiana</i>	Maiapilo, pilo, pua pilo	Endemic	4 to 15	11
<i>Chamaesyce celastroides</i> var. <i>kaenana</i>	‘Akoko, koko, ‘ekoko, kōkōmālei	Endemic	2 to 4	6
<i>Chamaesyce kuwaleana</i>	‘Akoko, koko, ‘ekoko, kōkōmālei	Endemic	1 to 3	2
<i>Chamaesyce skottsbergii</i> var. <i>skottsbergii</i>	‘Akoko, koko, ‘ekoko, kōkōmālei	Endemic	1 to 8	6
<i>Chenopodium oahuense</i>	‘Āheahea, ‘ahea, ‘āhewahewa, alaweo, alaweo huna, ‘āweoweo, kāha‘iha‘i	Endemic	2 to 11	8
<i>Colubrina asiatica</i>	‘Ānapanapa, kauila ‘ānapanapa, kauila kukuku, kolokolo, kukuku	Indigenous	4 to 8	8
<i>Gossypium tomentosum</i>	Ma‘o, huluhulu, Hawaiian cotton	Endemic	2 to 6	11
<i>Kanaloa kahoowawensis</i>	Kohe malama malama o Kanaloa, ka palupalu o Kanaloa	Endemic	2 to 8	6
<i>Lycium sandwicense</i>	‘Ōhelo kai, ‘ae‘ae, ‘ākulikuli ‘ae‘ae, ‘ākulikuli kai, ‘ākulikuli ‘ōhelo	Indigenous	3 to 4	6
<i>Osteomeles anthyllidifolia</i>	‘Ūlei, eluehe, u‘ulei	Indigenous	4 to 11	10
<i>Plumbago zeylanica</i>	‘Ilie‘e, hilie‘e, ‘ilihe‘e, lauhihi	Indigenous	1	15
<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>Sesbania tomentosa</i>	‘Ohai	Endemic	2 to 5	15
<i>Sida fallax</i>	‘Ilima	Indigenous	1 to 11	8
<i>Solanum nelsonii</i>	‘Ākia, pōpolo	Endemic	3 to 4	6
<i>Vitex rotundifolia</i>	Kolokolo kahakai, hinahina kolo, mānawanawa, māwanawana, pōhinahina, pōlinalina, beach vitex	Indigenous	3 to 4	10
<i>Wikstroemia uva-ursi</i> var. <i>uva-ursi</i>	‘Ākia, kauhi	Endemic	4 to 6	6

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O‘ahu Zone 1, 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>Nototrichium sandwicense</i>	Kulu‘ī	Endemic	3 to 27	23
<i>Psydrax odorata</i>	Alahe‘e, ‘ōhe‘e, walahe‘e	Indigenous	11 to 57	23
<i>Santalum ellipticum</i>	‘Iliahialo‘e, coast sandalwood	Endemic	4 to 19	11
<i>Thespesia populnea</i>	Milo, portia tree	Indigenous	19 to 76	19

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Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<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>Cocos nucifera</i>	Niu, ololani, coconut	Polynesian introduction	96 to 115	11
<i>Cordia subcordata</i>	Kou	Indigenous	17 to 34	23
<i>Diospyros sandwicensis</i>	Lama, ēlama	Endemic	8 to 57	23
<i>Erythrina sandwicensis</i>	Wiliwili	Endemic	46 to 57	46
<i>Nestegis sandwicensis</i>	Olopua, pua, ulupua	Endemic	31 to 96	23
<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 1, Vine/Liana				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Caesalpinia bonduc</i>	Kākalaioa, hihikolo, gray nickers	Indigenous	57 to 115	38
<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 mālolō, kauna‘oa uka, kaunoa, mālolō, pōlolo	Indigenous	11 to 15	11
<i>Cocculus orbiculatus</i>	Huehue, hue, hue‘ie, ‘inalua	Indigenous	2 to 11	11
<i>Cuscuta sandwichiana</i>	Kauna‘oa, kauna‘oa kahakai, kauna‘oa lei, kauno‘a, pōlolo, dodder	Endemic	1 to 23	11
<i>Gouania vitifolia</i>	N/A	Endemic	8 to 19	11
<i>Ipomoea cairica</i>	Koali ‘ai, koali, koali ‘ai‘ai, koali lau manamana, kowali, pa‘ali‘i, ivy-leaved morning glory	Indigenous	11 to 15	8
<i>Ipomoea imperati</i>	Hunakai	Indigenous	1 to 2	31
<i>Ipomoea indica</i>	Koali ‘awa, koali ‘awahia, koali lā‘au, koali pehu	Indigenous	19 to 27	15
<i>Ipomoea littoralis</i>	N/A	Indigenous	1	11
<i>Ipomoea pes-caprae</i> var. <i>brasiliensis</i>	Pōhuehue, puhuehue, beach morning glory	Indigenous	1	19
<i>Ipomoea tuboides</i>	Hawaiian moon flower	Endemic	11 to 19	11
<i>Jacquemontia ovalifolia</i> ssp. <i>sandwicensis</i>	Pā‘ūohi‘iaka, kākuaohi‘iaka	Endemic	<1 to 1	11
<i>Lablab purpureus</i>	Pāpapa, pī, hyacinth bean	Possible Polynesian Introduced	15 to 19	19
<i>Mucuna gigantea</i> ssp. <i>gigantea</i>	Kā‘e‘e, kā‘e‘e‘e, sea bean	Indigenous	31 to 57	153
<i>Sicyos maximowiczii</i>	Puaokama	Endemic	34 to 38	23
<i>Sicyos pachycarpus</i>	Kūpala	Endemic	11 to 27	11
<i>Vigna adenantha</i>	N/A	Indigenous	11 to 15	11
<i>Vigna marina</i>	Mohihihi, lemuomakili, nanea, ‘ōkolemakili, pūhili, pūhilihili, pūlihilihi, wahine ‘ōma‘o, beach pea	Indigenous	11 to 15	15
<i>Vigna o-wahuensis</i>	N/A	Endemic	<1 to 2	1