

O‘ahu Zone 3

(Less than 50 inches rainfall per year, 1,000 to 3,000 feet elevation)

O‘ahu Zone 3, 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 adiantum-nigrum</i>	‘Iwa‘iwa, spleenwort	Indigenous	<1 to 1	1
<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 nidus</i>	‘Ēkaha, ‘ēkaha kuahiwi, ‘ēkahakaha, bird’s nest fern	Indigenous	4 to 6	6
<i>Asplenium normale</i>	Spleenwort	Indigenous	1 to 4	2
<i>Diellia erecta</i> f. <i>pumila</i>	Palapalai lau li‘i	Endemic	<1	1
<i>Doodia kunthiana</i>	‘Ōkupukupu, pāmoho, ‘ōkupukupu lau‘i‘i	Endemic	1 to 2	3
<i>Doryopteris decipiens</i>	‘Iwa‘iwa, manawahua, kumuniu	Endemic	1	1
<i>Doryopteris decora</i>	N/A	Endemic	1	1
<i>Doryopteris subdecipiens</i> (<i>D. decipiens</i> x <i>D. decora</i>)	N/A	Endemic	1	1
<i>Dryopteris fusco-atra</i> var. <i>fusco-atra</i>	‘I‘i	Endemic	1 to 4	2
<i>Lepisorus thunbergianus</i>	Pākahakaha, ‘ēkaha, ‘ākōlea, pua‘a	Indigenous	1 to 2	1
<i>Marsilea villosa</i>	‘Ihi‘ihi, ‘ihi‘ihi lā‘au	Endemic	<1 to 1	11
<i>Nephrolepis exaltata</i> ssp. <i>hawaiiensis</i>	Ni‘ani‘au, ‘ōkupukupu, pāmoho, kupukupu, palapalai, sword fern	Endemic	1 to 4	8
<i>Nephrolepis</i> x <i>medlerae</i> (<i>N. exaltata</i> ssp. <i>hawaiiensis</i> x <i>N. multiflora</i>)	Kupukupu, ‘ōkupukupu, Hawaiian sword fern hybrid	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>Pellaea ternifolia</i>	Kalamoho lau li‘i, laukahi, kalamoho	Indigenous	<1	1
<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
<i>Pteris cretica</i>	‘Ōali, ‘ōwali, cretan brake	Indigenous	1 to 3	2
<i>Pteris irregularis</i>	Mānā, ‘āhewa, ‘iwa puakea	Endemic	2 to 4	4

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O‘ahu Zone 3, 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>Agrostis sandwicensis</i>	Bentgrass	Endemic	1	<1
<i>Carex meyenii</i>	N/A	Indigenous	1 to 3	2
<i>Carex wahuensis</i> ssp. <i>herbstii</i>	N/A	Endemic	1 to 4	2
<i>Carex wahuensis</i> ssp. <i>rubiginosa</i>	N/A	Endemic	1 to 4	2
<i>Cenchrus agrimonioides</i> var. <i>agrimonioides</i>	Kāmanomano, kūmanomano, sandbur	Endemic	1 to 8	4
<i>Chrysopogon aciculatus</i>	Mānienie ‘ula, pi‘ipi‘i, pilipili ‘ula, golden beardgrass	Possibly Indigenous	1	2
<i>Cyperus hillebrandii</i> ssp. <i>decipiens</i>	N/A	Endemic	1 to 3	1
<i>Cyperus hillebrandii</i> ssp. <i>hillebrandii</i>	N/A	Endemic	1 to 3	1
<i>Cyperus pennatififormis</i> var. <i>pennatififormis</i>	N/A	Endemic	2 to 5	2
<i>Eragrostis atropioides</i>	Lovegrass	Endemic	4 to 6	1
<i>Eragrostis fosbergii</i>	Lovegrass	Endemic	2 to 4	1
<i>Eragrostis variabilis</i>	Kāwelu, ‘emoloa, kalamālō, lovegrass	Endemic	2 to 3	2
<i>Heteropogon contortus</i>	Pili, lule, pili grass, twisted beardgrass, tanglehead	Indigenous	2 to 4	1
<i>Panicum beecheyi</i>	Panic grass	Endemic	1 to 2	1
<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 nephelophilum</i>	Konakona, panic grass	Endemic	2 to 9	4
<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

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O‘ahu Zone 3, 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>Bidens cervicata</i>	Ko‘oko‘olau, ko‘olau	Endemic	3 to 10	8
<i>Bidens torta</i>	Ko‘oko‘olau, ko‘olau	Endemic	4 to 10	8
<i>Dianella sandwicensis</i>	‘Uki‘uki, ‘uki	Indigenous	2 to 8	6
<i>Korthalsella cylindrica</i>	Hulumoa, kaumahana	Endemic	<1 to 1	<1
<i>Korthalsella remyana</i>	Hulumoa, kaumahana	Endemic	<1 to 1	<1
<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>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>Persicaria glabra</i>	Kāmole	Possibly Indigenous	2 to 6	6
<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 villosa</i>	‘Ihi	Endemic	1	2
<i>Pseudognaphalium sandwicense</i> var. <i>sandwicense</i>	‘Ena‘ena, pūheu	Endemic	<1 to 2	2
<i>Sanicula maritima</i>	N/A	Endemic	2 to 3	1
<i>Solanum americanum</i>	Pōpolo, ‘olohua, polopolo, pōpolohua, glossy nightshade	Possibly Indigenous	4 to 5	4

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O‘ahu Zone 3, 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>Rumex albescens</i>	Hu‘ahu‘akō	Endemic	2 to 4	8
<i>Sida rhombifolia</i>	N/A	Possibly Indigenous	2 to 6	4
<i>Silene lanceolata</i>	Catchfly, campion	Endemic	1 to 2	2
<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 8	4

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O‘ahu Zone 3, Shrub				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Abutilon menziesii</i>	Ko‘oloa ‘ula	Endemic	8 to 11	11
<i>Abutilon sandwicense</i>	N/A	Endemic	6 to 11	8
<i>Achyranthes splendens</i> var. <i>rotundata</i>	Hinahina ‘ewa	Endemic	2 to 8	4
<i>Alyxia oliviformis</i>	Maile	Endemic	4 to 11	8
<i>Capparis sandwichiana</i>	Maiapilo, pilo, pua pilo	Endemic	4 to 19	11
<i>Chamaesyce arnottiana</i>	‘Akoko, koko, ‘ekoko, kōkōmālei	Endemic	2 to 8	8
<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 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>Chenopodium oahuense</i>	‘Āheahea, ‘ahea, ‘āhewahewa, alaweo, alaweo huna, ‘āweoweo, kāha‘iha‘i	Endemic	2 to 11	8
<i>Dubautia herbstobatae</i>	Na‘ena‘e, kūpaoa, hanupaoa, hina‘aikamalama, ne‘ine‘i	Endemic	2	4
<i>Hedyotis coriacea</i>	Kio‘ele	Endemic	2 to 8	4
<i>Isodendron laurifolium</i>	Aupaka	Endemic	4 to 11	2
<i>Isodendron pyrifolium</i>	Wahine noho kula	Endemic	3 to 8	8
<i>Lepidium arbuscula</i>	Pepperwort, peppergrass	Endemic	2 to 5	3
<i>Lobelia niihauensis</i>	N/A	Endemic	1 to 2	4
<i>Lobelia yuccoides</i>	Pānaunau	Endemic	6 to 8	6
<i>Neraudia angulata</i> var. <i>angulata</i>	N/A	Endemic	6 to 11	6
<i>Nototrichium humile</i>	Kulu‘ī	Endemic	4 to 19	19
<i>Osteomeles anthyllidifolia</i>	‘Ūlei, eluehe, u‘ulei	Indigenous	4 to 11	10
<i>Phyllanthus distichus</i>	Pāmakani mähū, pāmakani	Endemic	1 to 8	6
<i>Plumbago zeylanica</i>	‘Ilie‘e, hilie‘e, ‘ilihe‘e, lauhihi	Indigenous	1	15
<i>Scaevola gaudichaudii</i>	Naupaka kuahiwi	Endemic	2 to 6	8
<i>Schiedea ligustrina</i>	N/A	Endemic	1 to 2	2
<i>Senna gaudichaudii</i>	Kolomona, heuhiuhu, kalamona, uhiuhi	Indigenous	2 to 15	8
<i>Sesbania tomentosa</i>	‘Ohai	Endemic	2 to 10	19
<i>Sida fallax</i>	‘Ilima	Indigenous	1 to 11	8
<i>Tetramolopium filiforme</i> var. <i>filiforme</i>	N/A	Endemic	<1 to 1	1
<i>Tetramolopium filiforme</i> var. <i>polyphyllum</i>	N/A	Endemic	<1 to 1	1

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Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Viola chamissoniana</i> ssp. <i>chamissoniana</i>	Pāmakani, ‘olopū, violet	Endemic	2	1
<i>Wikstroemia uva-ursi</i> var. <i>uva-ursi</i>	‘Ākia, kauhi	Endemic	4 to 6	6

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O‘ahu Zone 3, Tree/Shrub				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Caesalpinia kavaiensis</i>	Uhiuhi, kāwa‘u, kea	Endemic	15 to 38	31
<i>Claoxylon sandwicense</i>	Po‘olā, laukea	Endemic	8 to 23	6
<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>Eugenia reinwardtiana</i>	Nīoi	Indigenous	6 to 27	10
<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>Morinda citrifolia</i>	Noni, Indian mulberry	Polynesian introduction	11 to 23	19
<i>Nesoluma polynesticum</i>	Keahi	Indigenous	19 to 38	27
<i>Nototrichium sandwicense</i>	Kulu‘ī	Endemic	3 to 27	23
<i>Pisonia brunoniana</i>	Pāpala kēpau, pāpala	Indigenous	11 to 23	11
<i>Pittosporum confertiflorum</i>	Hō‘awa, hā‘awa	Endemic	8 to 34	11
<i>Pouteria sandwicensis</i>	‘Āla‘a, āulu, ‘ēla‘a, kaulu	Endemic	46 to 76	38
<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>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

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O‘ahu Zone 3, Tree				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Acacia koaia</i>	Koai‘a, koai‘e, koa‘ohā	Endemic	76 to 96	76
<i>Alectryon macrococcus</i> var. <i>macrococcus</i>	Māhoe, ‘ala‘alahua	Endemic	11 to 42	23
<i>Alphitonia ponderosa</i>	Kauila, kauwila, o‘a	Endemic	15 to 96	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>Bobea sandwicensis</i>	‘Ahakea	Endemic	34 to 38	19
<i>Bobea timonioides</i>	‘Ahakea	Endemic	34 to 38	19
<i>Charpentiera obovata</i>	Pāpala	Endemic	17 to 23	11
<i>Diospyros sandwicensis</i>	Lama, ēlama	Endemic	8 to 57	23
<i>Erythrina sandwicensis</i>	Wiliwili	Endemic	46 to 57	46
<i>Flueggea neowawraea</i>	Mēhamehame	Endemic	96 to 115	57
<i>Gardenia brighamii</i>	Nānū, nā‘ū	Endemic	15 to 19	11
<i>Myrsine lanaiensis</i>	Kōlea	Endemic	11 to 23	11
<i>Nestegis sandwicensis</i>	Olopua, pua, ulupua	Endemic	31 to 96	23
<i>Nothocestrum latifolium</i>	‘Aiea, hālena	Endemic	34 to 38	11
<i>Ochrosia compta</i>	Hōlei	Endemic	11 to 38	31
<i>Pisonia sandwicensis</i>	Āulu, kaulu	Endemic	46 to 57	19
<i>Pleomele forbesii</i>	Hala pepe, le‘ie	Endemic	11 to 27	15
<i>Psychotria hathewayi</i> var. <i>brevipetiolata</i>	Kōpiko	Endemic	27 to 31	23
<i>Psychotria hathewayi</i> var. <i>hathewayi</i>	Kōpiko	Endemic	27 to 31	23
<i>Psychotria mariniana</i>	Kōpiko	Endemic	38 to 76	38
<i>Reynoldsia sandwicensis</i>	‘Ohe, ‘ohe kukuluae‘o, ‘ohe makai, ‘ohe‘ohe, ‘oheokai	Endemic	76 to 115	57
<i>Rhus sandwicensis</i>	Neleau, neneleau, sumac	Endemic	11 to 31	11
<i>Sapindus oahuensis</i>	Lonomea, āulu, kaulu	Endemic	23 to 57	38
<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

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O‘ahu Zone 3, Vine/Liana				
Species	Common name	End/ind/pol	Height (ft)	Spread (ft)
<i>Bonamia menziesii</i>	N/A	Endemic	38 to 57	15
<i>Caesalpinia major</i>	Kākalaioa, hihikolo, kinikini, yellow nickers, Hawaiian pearls	Possibly Indigenous	46 to 57	38
<i>Cocculus orbiculatus</i>	Huehue, hue, hue‘ie, ‘inalua	Indigenous	2 to 11	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 indica</i>	Koali ‘awa, koali ‘awahia, koali lā‘au, koali pehu	Indigenous	19 to 27	15
<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>Lablab purpureus</i>	Pāpapa, pī, hyacinth bean	Possible Polynesian Introduced	15 to 19	19
<i>Mucuna sloanei</i> var. <i>sloanei</i>	Cow-itch plant, sea bean, sheep’s eye	Indigenous	38 to 57	38
<i>Sicyos pachycarpus</i>	Kūpala	Endemic	11 to 27	11
<i>Sicyos waimanaloensis</i>	‘Ānunu	Endemic	11 to 31	15
<i>Vigna o-wahuensis</i>	N/A	Endemic	<1 to 2	1