

The Checklist (Master List)

briefing_book · Report R2 · Kīpuka Puʻaʻulu

all 100 recorded vascular taxa · sorted by family

'role' = how each taxon appears in this briefing: observe (protected), collect (a target), or present (recorded, not a target). This is the reference the other reports draw on.

taxon	family	life	status	iucn	last	role
Charpentiera obovata	Amaranthaceae	tree	endemic	VU	1966	observe
Alyxia stellata	Apocynaceae	shrub	indigenous	NE	1930	collect
Gomphocarpus physocarpus	Apocynaceae	shrub	—	NE	1980	present
Cheirodendron trigynum	Araliaceae	tree	endemic	VU	1998	observe
Dianella sandwicensis	Asphodelaceae	herb	indigenous	NE	1980	collect
Asplenium adiantum-nigrum	Aspleniaceae	fern	indigenous	NE	1971	collect
Asplenium contiguum	Aspleniaceae	fern	indigenous	NE	1971	collect
Asplenium furcatum	Aspleniaceae	fern	uncertain	NE	1922	present
Asplenium macraei	Aspleniaceae	fern	endemic	NE	1930	collect
Achillea millefolium	Asteraceae	herb	alien	LC	1929	collect
Ageratina riparia	Asteraceae	shrub	alien	NE	1980	present
Hypochaeris radicata	Asteraceae	herb	alien	NE	2001	collect
Diplazium sandwichianum	Athyriaceae	fern	endemic	NE	2008	collect
Sadleria pallida	Blechnaceae	fern	—	NE	1929	present
Cynoglossum amabile	Boraginaceae	herb	alien	NE	1980	present
Cibotium glaucum	Cibotiaceae	fern	endemic	NE	1971	collect
Ipomoea indica	Convolvulaceae	herb	indigenous	NE	2009	collect
Bulbostylis capillaris	Cyperaceae	graminoid	alien	LC	2001	collect
Cyperus brevifolius	Cyperaceae	graminoid	alien	LC	1980	present
Cyperus hillebrandii	Cyperaceae	graminoid	endemic	NE	1938	collect
Microlepia setosa	Dennstaedtiaceae	fern	—	NE	1929	present
Microlepia speluncae	Dennstaedtiaceae	fern	indigenous	NE	1989	present
Microlepia strigosa	Dennstaedtiaceae	fern	indigenous	NE	2008	present
Pteridium aquilinum	Dennstaedtiaceae	fern	indigenous	NE	2001	present
Perrottetia sandwicensis	Dipentodontaceae	tree	endemic	LC	1948	collect
Cyrtomium caryotideum	Dryopteridaceae	fern	indigenous	NE	1971	collect
Dryopteris fuscoatra	Dryopteridaceae	fern	endemic	NE	2008	collect
Dryopteris glabra	Dryopteridaceae	fern	endemic	NE	2008	collect
Dryopteris hawaiiensis	Dryopteridaceae	fern	endemic	NE	1971	collect
Dryopteris wallichiana	Dryopteridaceae	fern	indigenous	NE	2008	present
Elaphoglossum crassifolium	Dryopteridaceae	fern	endemic	NE	1971	collect
Elaphoglossum paleaceum	Dryopteridaceae	fern	indigenous	NE	1929	collect
Elaphoglossum wawrae	Dryopteridaceae	fern	endemic	NE	1931	collect
Leptecophylla tameiameiae	Ericaceae	tree	—	LC	1998	present

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taxon	family	life	status	iucn	last	role
Vaccinium reticulatum	Ericaceae	shrub	endemic	NE	2001	collect
Acacia koa	Fabaceae	tree	endemic	LC	1986	collect
Sophora chrysophylla	Fabaceae	tree	endemic	LC	2002	collect
Centaurium erythraea	Gentianaceae	herb	alien	LC	1980	present
Geranium carolinianum	Geraniaceae	herb	alien	NE	NA	collect
Gleichenella pectinata	Gleicheniaceae	fern	—	NE	1998	present
Stenogyne rotundifolia	Lamiaceae	herb	endemic	NE	1975	collect
Stenogyne rugosa	Lamiaceae	herb	endemic	NE	1977	collect
Stenogyne scrophularioides	Lamiaceae	herb	endemic	NE	1980	collect
Hibiscadelphus giffardianus	Malvaceae	tree	endemic	CR	1975	observe
Hibiscadelphus hualalaiensis	Malvaceae	tree	endemic	CR	1975	observe
Metrosideros collina	Myrtaceae	tree	—	LC	1998	present
Metrosideros polymorpha	Myrtaceae	tree	endemic	VU	2003	observe
Nephrolepis biserrata	Nephrolepidaceae	fern	indigenous	NE	1989	collect
Nephrolepis cordifolia	Nephrolepidaceae	fern	indigenous	NE	1991	collect
Nephrolepis exaltata	Nephrolepidaceae	fern	indigenous	LC	2008	present
Nephrolepis oblitterata	Nephrolepidaceae	fern	—	NE	1975	present
Ceodes brunoniana	Nyctaginaceae	tree	—	LC	1975	present
Ceodes umbellifera	Nyctaginaceae	tree	—	LC	1966	present
Pisonia sandwicensis	Nyctaginaceae	tree	endemic	LC	2009	collect
Nestegis sandwicensis	Oleaceae	tree	endemic	VU	2009	observe
Freycinetia arborea	Pandanaceae	tree	indigenous	NE	1980	collect
Peperomia cookiana	Piperaceae	herb	endemic	NE	1989	collect
Peperomia leptostachya	Piperaceae	herb	—	NE	1980	present
Peperomia tetraphylla	Piperaceae	herb	indigenous	NE	1930	collect
Pittosporum hosmeri	Pittosporaceae	tree	endemic	VU	1999	observe
Nuttallanthus canadensis	Plantaginaceae	herb	alien	NE	2001	collect
Aira elegans	Poaceae	graminoid	—	NE	2001	present
Anthoxanthum odoratum	Poaceae	graminoid	alien	NE	2001	collect
Dactylis glomerata	Poaceae	graminoid	alien	NE	1980	present
Digitaria violascens	Poaceae	graminoid	alien	NE	2001	collect
Festuca bromoides	Poaceae	graminoid	—	NE	1980	present
Lachnagrostis filiformis	Poaceae	graminoid	alien	NE	2001	collect
Melinis minutiflora	Poaceae	graminoid	alien	NE	1980	present

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taxon	family	life	status	iucn	last	role
Melinis repens	Poaceae	graminoid	alien	NE	1980	present
Microlaena stipoides	Poaceae	graminoid	alien	LC	1980	present
Schizachyrium condensatum	Poaceae	graminoid	alien	NE	2001	collect
Schizachyrium microstachyum	Poaceae	graminoid	alien	NE	2001	collect
Setaria parviflora	Poaceae	graminoid	alien	LC	1980	present
Sporobolus indicus	Poaceae	graminoid	alien	LC	2001	collect
Stenotaphrum secundatum	Poaceae	graminoid	alien	LC	1980	present
Lepisorus thunbergianus	Polypodiaceae	fern	indigenous	NE	2008	present
Myrsine lessertiana	Primulaceae	tree	endemic	LC	2009	collect
Pellaea ternifolia	Pteridaceae	fern	indigenous	NE	1971	collect
Pityrogramma calomelanos	Pteridaceae	fern	alien	NE	1971	collect
Pteris cretica	Pteridaceae	fern	indigenous	NE	1975	collect
Eriocapitella hupehensis	Ranunculaceae	herb	—	NE	1980	present
Eriocapitella japonica	Ranunculaceae	herb	—	NE	1980	present
Alphitonia ponderosa	Rhamnaceae	tree	endemic	VU	1989	observe
Pyracantha angustifolia	Rosaceae	shrub	—	LC	1979	present
Pyracantha koidzumii	Rosaceae	shrub	alien	EN	1979	present
Coprosma menziesii	Rubiaceae	shrub	endemic	NE	1997	collect
Coprosma ochracea	Rubiaceae	shrub	endemic	VU	2009	observe
Psychotria hawaiiensis	Rubiaceae	tree	endemic	NT	2009	observe
Melicope cinerea	Rutaceae	tree	endemic	EN	1938	observe
Zanthoxylum dipetalum	Rutaceae	tree	endemic	VU	2009	observe
Dodonaea viscosa	Sapindaceae	tree	indigenous	LC	1998	present
Sapindus oahuensis	Sapindaceae	tree	endemic	VU	1998	observe
Sapindus saponaria	Sapindaceae	tree	indigenous	LC	2009	present
Myoporum sandwicense	Scrophulariaceae	tree	indigenous	LC	2024	present
Nothoestrum longifolium	Solanaceae	tree	—	NT	1980	present
Physalis peruviana	Solanaceae	herb	alien	LC	1980	present
Solanum pseudocapsicum	Solanaceae	shrub	alien	NE	NA	collect
Wikstroemia sandwicensis	Thymelaeaceae	shrub	endemic	VU	1980	observe
Pipturus albidus	Urticaceae	tree	endemic	LC	1989	collect
Stachytarpheta cayennensis	Verbenaceae	herb	—	NE	1980	present

Present, but not in the record

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a guard against skipping the obvious

A species can be missing from the voucher record for reasons that have nothing to do with the flora — a guard against skipping the obvious. At Kīpuka Puaulu the likely gaps (common in the surrounding 8 km flora, but absent or thin in the site record) fall into a few kinds:

TOO DOMINANT TO BOTHER. *Dicranopteris linearis* (uluhe) — the ground fern that blankets whole slopes — has 0 site vouchers; *Acacia koa*, a canopy dominant, has only 4. Ubiquity gets them skipped.

OFF THE TRAIL, IN THE WETTER PATCHES (rarely walked). *Cyrtandra* spp. (many; easily hidden in the understory), *Astelia menziesiana* (seen here — striking, but conspicuous mainly in flower), and wet-site ferns *Hypolepis dicksonioides* and *Coniogramme pilosa*.

SMALL, COMMON, LOOKED PAST. *Peperomia hypoleuca*, *Korthalsella complanata* (a mistletoe), *Stenogyne* and *Coprosma* spp., *Carex wahuensis*, *Dubautia scabra*, *Palhinhaea cernua*.

ON THE EDGES, PASSED BY. *Vaccinium calycinum* (‘ōhelo) — common along the entrance trail, so everyone walks past it.

PLAUSIBLE BUT UNCONFIRMED. *Santalum* (‘iliahi) — not yet seen here, but likely; *Myoporum sandwicense* (naio) — only 2 vouchers.

These are voucher opportunities: an hour off the main loop, or simply pressing the 'obvious' species, fills real gaps. The checklist is the RECORD; the flora is larger.