

Botanical Inventory of the Allerton Garden
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Introduction and Historical Background

The Allerton Garden is situated in the lower Lawai Valley, the southern portion of a 64-square mile watershed comprising a system of streams originating in the mountains above Lawai and feeding the Lawai Stream which empties into the ocean at Lawai-kai. Before Robert Allerton and John Gregg Allerton purchased the 83 acre Lawai-kai property in 1938, it had other owners and occupants, dating from the ancient Hawaiian period (pre-1848) and the Royal Period (1848-1886) to the McBryde Period (1886-1937). With the death of John Gregg Allerton in 1986, the Allerton Garden was placed in trust and today is managed by the National Tropical Botanical Garden under an agreement with the Allerton Gardens Trust (National Tropical Botanical Garden, 1997). Each set of occupants have left their mark on the flora and vegetation of Lawai Valley, often bringing in a new suite of plants, while occasionally eliminating other earlier plantings, intentionally or not. For example, Queen Emma, wife of King Kamehameha IV, is said to have introduced many flowering plants and fruit trees including bougainvillea, mango, kiawe, tamarind, *Crinum* lilies, and other plants. Many of these species can still be found growing in the lower Lawai valley.

The Allerton Garden is a landscaped formal garden using tropical plants as a palette with shades of green and splashes of bright color. Consequently, most of the plants the Allertons used in their garden were non-native tropical plants obtained from a variety of sources, both locally and from their world voyages. It is a well-ordered paradise where nothing appears artificial, yet nature is so under control that not a leaf is out of place. Using the line of the Lawai Stream as the spine of the garden, the Allertons created a series of garden rooms that unfold between the stream bank and the cliffs. The varied topography that includes open meadows, moist jungle ravines, and rugged cliff faces, together with Kaua'i's rich volcanic soil, provides ideal growing conditions for a wide selection of plants and trees. Monkeypod and other flowering trees form a cool, shady canopy sheltering carefully delineated rooms with water features surrounded by rows of palms or hedge plants and swaths of green background provided by pothos or taro vine (*Epipremnum pinnatum* and *E. aureum*), Swiss cheese plant (*Monstera deliciosa*), oak-leaf fig (*Ficus montana*), and other ground covers. Additional form and color are provided by carefully placed plants such as spider lilies (*Crinum pedunculatum*), Queen Emma lily (*Crinum augustum*), ti plants (*Cordyline fruticosa*) or *Dracaena* species of various shades, and shrubs with delightfully fragrant flowers such as the rice plant (*Aglaia odorata*), *Chloranthus inconspicuus*, and the climbing ylang-ylang (*Atractotrys uncinnatus*). One section is devoted to an impressive collection of towering heliconias, *Costus*, *Calathea*, and torch gingers (*Etilingera elatior*), while the palmetum contains many different species of exotic and native palms. Hillsides are planted with flowering *Cassia* species of assorted hues or varied *Plumeria* cultivars, and on the lower valley cliffs overlooking the ocean are cascades of red and purple *Bougainvillea* and pale blue-flowered *Thunbergia* vines. The visitor may stroll through a golden bamboo forest, listen to the

soothing sounds of running water by the fountains, stand concealed between buttresses of the huge Moreton Bay figs (*Ficus macrophylla*), or admire graceful palms and phenomenal vines with brilliant flowers, all in a historical context provided by the Allertons.

As a result of human impact and introduced weedy alien plants, few native Hawaiian plants survived in the lower region of Lawai Valley except along the coastal beach area and on the inaccessible rocky slopes and cliffs unsuitable for cultivation. These few remnant native cliff plants were the `akoko (*Chamaesyce celastroides* var. *amplectans*), a`alii (*Dodonaea viscosa*), `ala`ala wai nui (*Plectranthus parviflorus*), `ala`ala wai nui (*Peperomia blanda* var. *floribunda*), ko`oko`olau (*Lipochaeta connata* ssp. *connata*), `uhaloa (*Waltheria indica*), and `akia (*Wikstromia uva-ursi* var. *kauaiensis*, endemic to Kaua`i). The native coastal plants able to survive were naupaka kahakai (*Scaevola sericea*), pohuehue or beach morning glory (*Ipomoea pes-caprae*), hunakai (*Ipomoea imperati*), pa`uohi`iaka (*Jacquemontia ovalifolia*), seashore rushgrass or `aki`aki (*Sporobolus virginicus*), and the beach pea or mohihihi (*Vigna marina*). These plants had to be tough to survive under conditions that were hot and dry with little soil (cliffs and rocky slopes) or subject to salt spray and waves with sand substrate (coastal). Virtually all the other areas were taken by humans for their chosen plants.

Recent collections growth.

During the last 20 years, under the Allerton Garden Trust—NTBG management agreement, plants of known origin have been added, greatly enriching the Allerton Gardens collections. Dozens of species have been introduced by NTBG collectors who have brought back carefully documented seeds and cuttings from archipelagos and islands in Polynesia, Micronesia, and Melanesia, and the Mascarene Islands of the Indian Ocean. Additional palms have enhanced the palmetum as well as many cycad species, all endangered. A unique collection of 19 Indo-Pacific *Pandanus* (hala) species has been assembled representing the largest collection of its kind in the U.S.A. As *Pandanus* species are either male or female, each species must be represented by a group of two or more plants to ensure both sexes are represented. *Pandanus* leaves are used by indigenous cultures throughout the Pacific for weaving and other purposes and certain species in this collection are rare or endangered. NTBG's botanical expeditions to various Pacific islands have yielded a diversity of lowland tropical species that have been assembled into a diverse riparian (riverine) forest, replacing the weedy thicket of haole koa (*Leucaena leucocephala*) formerly along the western side of Lawai Stream. Many species in this area are of cultural, medicinal, or economic importance on Pacific islands, and this collection represents an important resource for research, conservation, and educational purposes.

Ecological Restoration.

The most recent focus has been initiation of a project to restore the Lawai-kai coastal zone with native Hawaiian plants, including threatened and endangered species. This restoration not only provides natural protection to the fragile coastline in the face of extreme events such as hurricanes and tsunamis, but also provides a habitat matrix (or should this be plural?) for rare and endangered coastal plants and preserves nesting habitat for the green sea turtle.

During 2004-2005 Dr. David Burney, Director of Conservation and Living Collections at NTBG, received funding from the U. S. Fish and Wildlife Service for a project to restore native vegetation along the Lawai-kai beach. All necessary permits were obtained before proceeding. For the Lawai-kai restorations, the general policy regarding choices of genetic stock is that seeds,

cuttings, or other plant material are to be derived from wild individuals or garden specimens of known pedigree. If possible, the stock used should be from south coast sources. If this is not available, material used should in any case be from Kaua`i. If the taxon is extirpated on Kaua`i but believed to have been present before humans on the basis of fossil occurrence, material from nearby islands such as Ni`ihau and Nihoa was considered, e.g. *Pritchardia aylmer-robinsonii*, endemic to Ni`ihau.

The overall purpose of this project has been to ecologically restore the Lawai-kai coastal zone, focusing efforts on the coastal strand vegetation and its interface with exotic (non-native) vegetation. Additional goals include establishing a planting of native coastal mesic forest, and to demonstrate the value of habitat restoration to the visiting public. The ecological restoration of the Lawai-kai coastal zone focuses on delivering the following conservation benefits:

- Secure one of the few nesting habitats for green sea turtles on Kaua`i.
- Manage invasive weeds threatening sandy beach habitats, including removal of exotic grasses and selected ironwood trees.
- Reinststate native vegetation, providing protection against hurricanes and tsunamis.
- Establish populations of threatened native plant species within restored habitats.
- Implement a coastal habitat restoration project that is open to public visitation and provides educational opportunities.
- Test the application of paleoecological data as a tool for guiding ecological restoration.

Dominant beach plants are naupaka (*Scaevola sericea*), pa`uohi`iaka (*Jacquemontia ovalifolia*), and pohuehue (*Ipomoea pes-caprae*). These provide a matrix for threatened and endangered species now successfully growing in the coastal beach area, including dwarf naupaka (*Scaevola coriacea*), `ohai (*Sesbania tomentosa*), popolo (*Solanum nelsonii*), loulu palm (*Pritchardia aylmer-robinsonii*), and *Panicum niihauense*. In addition, a variety of non Threatened and Endangered species have been established including `a`ali`i (*Dodonaea viscosa*), hinahina kolo (*Vitex rotundifolia*), and *Fimbristylis cymosa*. The goal is that once established, the populations of native plants will become self-sustaining.

A second project to re-establish a Hawaiian lowland mesic forest in the vicinity of the Allerton “Jungle Garden”. This type of forest likely existed behind the coastal vegetation over a layer of rich deep soil with abundant ground water. Mesic forest species that have been planted here include three Federally listed endangered species, hau kuahiwi (*Hibiscadelphus distans*), koki`o (*Kokia kauaiensis*), and loulu (*Pritchardia aylmer-robinsonii*); the rare *Ochrosia kauaiensis*, and various non T & E species including kou (*Cordia subcordata*), wili`wili (*Erythrina sandwicensis*), alahe`e (*Psydrax odorata*), naio (*Myoporum sanwicense*), kokio keo`keo (*Hibiscus waimeae* ssp. *waimeae*), ko`oko`olau (*Bidens sandwicensis*), `ahu`awa (*Cyperus javanicus*), and `a`ali`i (*Dodonaea viscosa*).

In a third project, restoration of native vegetation in two plots on the banks of the Lawai Stream in the Allerton and McBryde Gardens is underway. Replacing weeds with two key native species, `ahu`awa (*Cyperus javanicus*) and `ae`ae (*Baccopa monnieri*) is expected to help prevent erosion and control runoff and sedimentation and provide habitat for the common moorhen or `alae`ula (*Gallinula chloropus sandwicensis*). Planting these and other endemic and

indigenous riparian and coastal wetland species will reduce non-point pollution of the bay and adjacent shoreline areas as well.

Educational and Research Opportunities

The potential of this project to yield new information regarding restoration techniques in tropical coastal zones is immense. For this reason, the project has been instituted in such a way that scientific information may be gleaned and students at all levels, as well as the general public and Garden staff, may learn from the results. Finally, the restored area is being incorporated into the tour offerings of the Allerton Gardens, giving visitors an opportunity to see a practical application of plant science in the coastal zone. Trails through the restoration zones are being developed as a guided walk.

Importance of beach as nesting site for green sea turtles.

The coastal strand at Lawai-kai is a documented nesting habitat of the *honu* or green sea turtle (*Chelonia mydas*), one of only two documented sites on Kaua'i. Don Heacock (pers. comm., October 2003) of DLNR Aquatic Resources estimates that "an average of about eight" nests were deposited there every other year over the period 1988-2000. After a 7-year hiatus turtles are nesting at Lawai-kai again. During the full moon over the weekend of 2-3 June 2007 three female turtles deposited four egg clutches after digging cavities above the high water line (Richard Hanna, pers. obs. June 2007).

The Conservation Department at NTBG has made a commitment to improve the nesting habitat for the green sea turtles. Invasive trees such as ironwood (*Casuarina equisetifolia*) and alien grasses with dense root systems such as zoysia (*Zoysia matrella* var. *pacifica*) make digging nests in the beach sand difficult for the turtles. We are replacing them with native coastal plants with loose root systems that hold the nest in place while the turtle is digging rather than hinder her efforts. These natives include: naupaka (*Scaevola sericea*), pa'uohi'iaka (*Jacquemontia ovalifolia*), and pohuehue (*Ipomoea pes-caprae*).

Conclusions.

Approximately 858 different species, varieties, and cultivars of flowering plants and ferns are known from the Allerton Garden today, including cultivated, native, and naturalized weedy species (see Appendix 1). In addition to species introduced within the historical context of Queen Emma and the Allertons, the Garden holds a great diversity of plants with important conservation, research, and educational potential. Finally, the restoration projects have resulted in a diversification of native Hawaiian coastal, riparian, and mesic forest habitats, which now provide a matrix for conserving a diversity of rare and endangered species. Hopefully the populations of native species will become self-sustaining. Improved native coastal habitat, in turn, provides increased nesting opportunities for the green sea turtle.

Scientific names in Appendix 1 follow Staples and Herbst (2005) for the cultivated species and Wagner et al. 2009 for native and naturalized species.

References Cited.

National Tropical Botanical Garden. 1997. Allerton Garden Reference Manual (unpublished document).

Staples, G. W. & D. R. Herbst. 2005. A Tropical Garden Flora. Bishop Museum Press.

Wagner, W.L., D.R. Herbst, and S.H. Sohmer, 1999. Manual of the flowering plants of Hawaii, revised edition with supplement by Wagner, W.L. and D.R. Herbst. Bishop Museum Special Publication 97, Honolulu, Hawaii, USA.

[Appendix 1 follows.]

Cultivated, native, and naturalized flowering plants and ferns of the Allerton Garden

Compiled by Tim Flynn and David Lorence, NTBG

Plants of the Allerton Garden					
DATE: 14 June 2007					
C=cultivated; N=naturalized; I=indigenous; E=endemic					
STATUS	FAMILY	GENUS	SP	SUBSPTAX	SECTION
C	Acanthaceae	Fittonia	albivenis		
C	Acanthaceae	Hemigraphis	alternata		
C	Acanthaceae	Hemigraphis	reptans		
C	Acanthaceae	Megaskapasma	erythrochlamys		
C	Acanthaceae	Odontonema	cuspidatum		
C	Acanthaceae	Pseuderanthemum	carruthersii		
C	Acanthaceae	Ruellia	devosiana		
C	Acanthaceae	Ruellia	graecizans		
C	Acanthaceae	Sanchezia	speciosa		
C	Acanthaceae	Thunbergia	fragrans		
C	Acanthaceae	Thunbergia	hybrid		
C, N	Agavaceae	Agave	americana	cv. Marginata	
C	Agavaceae	Agave	attenuata		
C	Agavaceae	Agave	coucui		Tour Road
C	Agavaceae	Agave	guengola		Tour Road
C	Agavaceae	Agave	polyacantha		Tour Road
C, N	Agavaceae	Agave	sisalana		
C	Agavaceae	Agave	sp.		
C	Agavaceae	Cordyline	fruticosa		
C	Agavaceae	Dracaena	draco		
C	Agavaceae	Dracaena	fragrans		
C	Agavaceae	Dracaena	marginata		
C	Agavaceae	Dracaena	reflexa	cv. Variegata	
C	Agavaceae	Dracaena	reflexa	cv. Song of India	
C	Agavaceae	Dracaena	reflexa	var. linearifolia	
C	Agavaceae	Dracaena	reflexa	var. reflexa	
N	Agavaceae	Furcraea	foetida		
C	Agavaceae	Nolina	bigelovii		
C	Agavaceae	Nolina	nelsonii		Tour Road
C	Agavaceae	Nolina	stricta		
C, N	Agavaceae	Sansevieria	cylindrica		
C, N	Agavaceae	Sansevieria	trifasciata		
C	Agavaceae	Yucca	gloriosa		
I	Aizoaceae	Sesuvium	portulacastrum		Lawai Kai
C	Asphodeliaceae	Aloe	arborescens		
C	Asphodeliaceae	Aloe	barbadensis		
C	Asphodeliaceae	Aloe	barberae		Tour Road
C	Asphodeliaceae	Aloe	ciliaris		Tour Road
C	Asphodeliaceae	Aloe	maculata		
C	Asphodeliaceae	Aloe	saponaria		
C	Asphodeliaceae	Aloe	sp.		Tour Road
C	Asphodeliaceae	Lomatophyllum	citreum		
C	Asphodeliaceae	Lomatophyllum	macrum		Tour Road
C	Amaranthaceae	Alternanthera	tenella		
N	Amaranthaceae	Amaranthus	dubius		
N	Amaranthaceae	Amaranthus	lividus		
N	Amaranthaceae	Amaranthus	spinosus		
C	Amaranthaceae	Charpentiera	densiflora		Lawai Kai Restoration
C	Amaranthaceae	Charpentiera	elliptica		Visitors Center
C	Amaranthaceae	Chenopodium	oahuense		Lawai Kai Restoration
C	Amaranthaceae	Nototrichium	sandwicense		Lawai Kai Restoration
C	Anacardiaceae	Camptosperma	brevipetiolata		RIPARIAN
C	Anacardiaceae	Mangifera	indica		FRUIT ORCHARD
N	Anacardiaceae	Schinus	terebinthifolius		
C	Anacardiaceae	Spondias	dulcis		
C	Anacardiaceae	Spondias	tuberosa		
C	Annonaceae	Annona	glabra		
C	Annonaceae	Artabotrys	uncinatus		
C	Annonaceae	Rollinia	pulchrinervis		

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N	Apiaceae	Centella	asiatica		
N	Apiaceae	Ciclospermum	leptophyllum		
N	Apiaceae	Hydrocotyl	sibthorpioides		
C	Apocynaceae	Adenium	coetaneum		
C	Apocynaceae	Adenium	obesum		
C	Apocynaceae	Allamanda	cathartica		
C	Apocynaceae	Alstonia	macrophylla		
C	Apocynaceae	Nerium	oleander		
C	Apocynaceae	Ochrosia	elliptica		
C	Apocynaceae	Plumeria	obtusa		
C	Apocynaceae	Plumeria	rubra		
C	Apocynaceae	Stemmadenia	littoralis		
C, N	Apocynaceae	Thevetia	peruviana		
C	Apocynaceae	Thevetia	thetevioides		
C	Araceae	Aglaonema	commutatum		
C	Araceae	Alocasia	cucullata		
C	Araceae	Alocasia	macrorrhiza		
C	Araceae	Alocasia	zebrina		
C	Araceae	Anthurium	andraeanum		
C	Araceae	Anthurium	hookeri		
C, N	Araceae	Colocasia	esculenta		
C	Araceae	Dieffenbachia	maculata		
C, N	Araceae	Epipremnum	aureum		PUMP 6
C, N	Araceae	Epipremnum	pinnatum		
N	Araceae	Lemna	aequinoctialis		
C	Araceae	Monstera	deliciosa		
C	Araceae	Monstera	siltepecana		
C	Araceae	Philodendron	erubescens		
C	Araceae	Philodendron	pinnatifidum		
C	Araceae	Philodendron	sp.		
C	Araceae	Pistia	stratiotes		
C	Araceae	Spathiphyllum	cochlearispathum		
C	Araceae	Spathiphyllum	kochii		
C	Araceae	Syngonium	nodiflora		
C	Araceae	Syngonium	podophyllum		
C	Araceae	Typhonodorum	lindleyanum		Cutting Garden
C	Araliaceae	Munroidendron	racemosum		
C	Araliaceae	Polyscias	guilfoylei		
C	Araliaceae	Polyscias	nodosa		
C	Araliaceae	Polyscias	scutellaria		
C	Araliaceae	Reynoldsia	sandwicensis		Lawai Kai
C	Araliaceae	Schefflera	actinophylla		
C	Araliaceae	Schefflera	arboricola		
C	Arecaceae	Acoelorrhaphe	wrightii		Hideo Teshima Palmetum
C	Arecaceae	Actinorhysis	calapparia		Hideo Teshima Palmetum
C	Arecaceae	Adonidia	merrillii		Hideo Teshima Palmetum
C, N	Arecaceae	Archontophoenix	alexandrae		Hideo Teshima Palmetum
C	Arecaceae	Archontophoenix	cunninghamiana		Hideo Teshima Palmetum
C	Arecaceae	Archontophoenix	purpurea		Hideo Teshima Palmetum
C	Arecaceae	Archontophoenix	sp.		Hideo Teshima Palmetum
C	Arecaceae	Archontophoenix	sp.		
C	Arecaceae	Areca	catechu		Hideo Teshima Palmetum
C	Arecaceae	Areca	triandra		Hideo Teshima Palmetum
C	Arecaceae	Arenga	australasica		
C	Arecaceae	Arenga	engleri		Hideo Teshima Palmetum
C	Arecaceae	Arenga	hookeriana		
C	Arecaceae	Arenga	obtusifolia		Hideo Teshima Palmetum
C	Arecaceae	Arenga	undulatifolia		
C	Arecaceae	Asterogyne	martiana		
C	Arecaceae	Attalea	butyracea		Hideo Teshima Palmetum
C	Arecaceae	Basselinia	sp.		
C	Arecaceae	Beccariophoenix	madagascariensis		Hideo Teshima Palmetum
C	Arecaceae	Bismarckia	nobilis		Hideo Teshima Palmetum

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C	Arecaceae	Brahea	armata		Hideo Teshima Palmetum
C	Arecaceae	Brahea	brandegeei		
C	Arecaceae	Brahea	cf. armata		
C	Arecaceae	Calyptrocalyx	pachystachys		Hideo Teshima Palmetum
C	Arecaceae	Campecarpus	fulcitus		Hideo Teshima Palmetum
C	Arecaceae	Carpentaria	acuminata		Hideo Teshima Palmetum
C	Arecaceae	Caryota	mitis		
C	Arecaceae	Caryota	sp.		Hideo Teshima Palmetum
C	Arecaceae	Caryota	urens		
C	Arecaceae	Chamaerops	humilis		
C	Arecaceae	Chambeyronia	macrocarpa		Hideo Teshima Palmetum
C	Arecaceae	Clinostigma	ponapense		Riparian
C	Arecaceae	Clinostigma	samoense		Hideo Teshima Palmetum
C	Arecaceae	Clinostigma	savoryana		Hideo Teshima Palmetum
C	Arecaceae	Coccothrinax	barbadensis		Hideo Teshima Palmetum
C	Arecaceae	Coccothrinax	fragrans		
C	Arecaceae	Coccothrinax	sp.		Hideo Teshima Palmetum
C, N	Arecaceae	Cocos	nucifera		
C	Arecaceae	Corypha	utan		
C	Arecaceae	Cyrtostachys	lakka		
C	Arecaceae	Cyrtostachys	renda		
C	Arecaceae	Dictyosperma	album		Hideo Teshima Palmetum
C	Arecaceae	Drymophloeus	oliviformis		Hideo Teshima Palmetum
C	Arecaceae	Dypsis	cabadae		Hideo Teshima Palmetum
C	Arecaceae	Dypsis	decaryi		Hideo Teshima Palmetum
C	Arecaceae	Dypsis	decipiens		Hideo Teshima Palmetum
C	Arecaceae	Dypsis	lastelliana		
C	Arecaceae	Dypsis	leptocheilos		Hideo Teshima Palmetum
C	Arecaceae	Dypsis	lutescens		Hideo Teshima Palmetum
C	Arecaceae	Dypsis	madagascariensis		Hideo Teshima Palmetum
C	Arecaceae	Elaeis	guineensis		Hideo Teshima Palmetum
C	Arecaceae	Gronophyllum	pinangoides		Hideo Teshima Palmetum
C	Arecaceae	Gulubia	macrospadix		
C	Arecaceae	Heterospathe	elata		Hideo Teshima Palmetum
C	Arecaceae	Hydriastele	palauensis		Riparian
C	Arecaceae	Hyophorbe	indica		
C	Arecaceae	Hyophorbe	lagenicaulis		Hideo Teshima Palmetum
C	Arecaceae	Hyophorbe	verschaffeltii		Hideo Teshima Palmetum
C	Arecaceae	Hyphaene	coriacea		Hideo Teshima Palmetum
C	Arecaceae	Hyphaene	natalensis		
C	Arecaceae	Hyphaene	thebaica		
C	Arecaceae	Laccospadix	australasica		
C	Arecaceae	Latania	loddigesii		Hideo Teshima Palmetum
C	Arecaceae	Latania	lontariodes		
C	Arecaceae	Latania	verschaffeltii		Hideo Teshima Palmetum
C	Arecaceae	Licuala	aurantiaca		Hideo Teshima Palmetum
C	Arecaceae	Licuala	grandis		
C	Arecaceae	Licuala	malayana		Hideo Teshima Palmetum
C	Arecaceae	Licuala	naumannii		Hideo Teshima Palmetum
C	Arecaceae	Licuala	peltata		Mermaid Fountain Area
C	Arecaceae	Licuala	spinosa		Mermaid Fountain Area
C	Arecaceae	Livistona	australis		
C	Arecaceae	Livistona	carinensis		
C	Arecaceae	Livistona	cf. mariae		Hideo Teshima Palmetum
C	Arecaceae	Livistona	chinensis		
C	Arecaceae	Livistona	copernica		
C	Arecaceae	Livistona	decipens		
C	Arecaceae	Nenga	wendlandiana		
C	Arecaceae	Normanbya	normanbyi		Hideo Teshima Palmetum
C	Arecaceae	Nypa	fruiticans		Riparian
C	Arecaceae	Oncosperma	filamentosum		Hideo Teshima Palmetum
C	Arecaceae	Phoenix	canariensis		Hideo Teshima Palmetum
C	Arecaceae	Phoenix	reclinata		Hideo Teshima Palmetum

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C	Arecaceae	Phoenix	roebelinii		Hideo Teshima Palmetum
C	Arecaceae	Pinanga	kuhlii		Hideo Teshima Palmetum
C	Arecaceae	Pinanga	sp.		Hideo Teshima Palmetum
C	Arecaceae	Polyandrococos	caudescens		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	affinis		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	arecina		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	aylmer-robinsonii		Lawai Kai restoration
C	Arecaceae	Pritchardia	cf. hardyi		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	hardyi		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	hillebrandii		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	kaalae		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	lanaiensis		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	lanigera		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	lowreyana		Hau Thicket
C	Arecaceae	Pritchardia	martii		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	minor		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	munroi		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	napaliensis		Hau Thicket
C	Arecaceae	Pritchardia	pacifica		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	remota		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	sp.		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	thurstonii		Hau Thicket
C	Arecaceae	Pritchardia	viscosa		Hideo Teshima Palmetum
C	Arecaceae	Pritchardia	waialealeana		Hideo Teshima Palmetum
C	Arecaceae	Ptychosperma	cf. keiense		Hideo Teshima Palmetum
C	Arecaceae	Ptychosperma	elegans		Hideo Teshima Palmetum
C	Arecaceae	Ptychosperma	lauderbachii		Hideo Teshima Palmetum
C	Arecaceae	Ptychosperma	lineare		Hideo Teshima Palmetum
C, N	Arecaceae	Ptychosperma	macarthurii		Hideo Teshima Palmetum
C	Arecaceae	Ptychosperma	propinquum		Hideo Teshima Palmetum
C	Arecaceae	Ptychosperma	sp.		Hideo Teshima Palmetum
C	Arecaceae	Ravenea	rivularis		Allerton
C	Arecaceae	Rhopaloblaste	augusta		Hideo Teshima Palmetum
C	Arecaceae	Rhopaloblaste	sp.		Hideo Teshima Palmetum
C	Arecaceae	Roystonea	regia		
C	Arecaceae	Sabal	mauritiiformis		Hideo Teshima Palmetum
C	Arecaceae	Satakentia	liukuensis		Hideo Teshima Palmetum
C	Arecaceae	Serenoa	repens		Hideo Teshima Palmetum
C	Arecaceae	Syagrus	amara		Hideo Teshima Palmetum
C	Arecaceae	Syagrus	romanzoffiana		Hideo Teshima Palmetum
C	Arecaceae	Thrinax	parviflora		
C	Arecaceae	Thrinax	radiata		Hideo Teshima Palmetum
C	Arecaceae	Trithrinax	brasiliensis		Hideo Teshima Palmetum
C	Arecaceae	Veitchia	joannis		Hideo Teshima Palmetum
C	Arecaceae	Veitchia	merrillii		
C	Arecaceae	Veitchia	montgomeryana		Hideo Teshima Palmetum
C	Arecaceae	Verschaffeltia	splendida		Hideo Teshima Palmetum
C	Arecaceae	Wodyetia	bifurcata		Hideo Teshima Palmetum
C	Aristolochiaceae	Aristolochia	elegans		
C	Aristolochiaceae	Aristolochia	giberti		
C	Aristolochiaceae	Aristolochia	gigantea		
C	Aspleniaceae	Asplenium	nidus		below Diana's fountain
N	Asteraceae	Ageratum	conyzoides		
C	Asteraceae	Artemisia	australis		Lawai Kai Restoration
N	Asteraceae	Bidens	pilosa		
C	Asteraceae	Bidens	sandwicensis		Lawai Kai
N	Asteraceae	Conyza	bonariensis		
N	Asteraceae	Crassocephalum	crepidiodes		
N	Asteraceae	Cyanthillium	cinereum		
N	Asteraceae	Eclipta	alba		
N	Asteraceae	Emilia	fosbergii		
N	Asteraceae	Erechtites	valerianifolia		
I	Asteraceae	Lipochaeta	connata	subsp. connata	

Cultivated, native, and naturalized flowering plants and ferns of the Allerton Garden

Compiled by Tim Flynn and David Lorence, NTBG

C	Asteraceae	Lipochaeta	succulenta		Lawai Kai Restoration
N	Asteraceae	Parthenium	hysterophorus		
N	Asteraceae	Pluchea	carolinensis		
N	Asteraceae	Pluchea	indica		
N	Asteraceae	Sigesbeckia	orientalis		
N	Asteraceae	Sonchus	oleraceus		
C, N	Asteraceae	Sphagneticola	trilobata		
N	Asteraceae	Synedrella	nodiflora		
C	Asteraceae	Wilkesia	gymnoxiphium		Lawai Kai
C	Averrhoaceae	Averrhoa	carambola		FRUIT ORCHARD
C	Balsaminaceae	Impatiens	wallerana		
C	Begoniaceae	Begonia	coccinea		
C	Bignoniaceae	Crescentia	cujete		
C	Bignoniaceae	Jacaranda	mimosifolia		
C	Bignoniaceae	Kigelia	pinnata		
C, N	Bignoniaceae	Macfadyena	unguis-cati		
N	Bignoniaceae	Spathodea	campanulata		
C	Bignoniaceae	Tabebuia	rosea		
C	Bixaceae	Bixa	orellana		FRUIT ORCHARD
C	Boraginaceae	Cordia	sebestena		
C	Boraginaceae	Cordia	subcordata		Lawai Kai
C	Boraginaceae	Heliotropium	anomalum		Lawai Kai Restoration
C	Boraginaceae	Heliotropium	curassavicum		Lawai Kai Restoration
C	Boraginaceae	Heliotropium	foertherianum		
N	Brassicaceae	Cardamine	flexuosa		
C	Brassicaceae	Lepidium	bidentatum		Lawai Kai Restoration
N	Brassicaceae	Nasturtium	microphyllum		
C	Bromeliaceae	Aechmea	bracteata		
C	Bromeliaceae	Aechmea	fulgens		
C	Bromeliaceae	Aechmea	muricata		
C	Bromeliaceae	Billbergia	pyramidalis		
C	Bromeliaceae	Bromelia	sp.		
C	Bromeliaceae	Pitcairnea	angustifolia		
C	Bromeliaceae	Portea	petropolitana		
C	Bromeliaceae	Tillandsia	cyanea		
C	Bromeliaceae	Tillandsia	sp.		
N	Cactaceae	Cereus	uruguayensis		
C	Cactaceae	Epiphyllum	phyllanthus		
C, N	Cactaceae	Hylocereus	costaricensis		
C, N	Cactaceae	Hylocereus	undatus		
C, N	Cactaceae	Opuntia	cochenillifera		
N	Cactaceae	Opuntia	ficus-indica		
C, N	Cactaceae	Selenicereus	macdonaldiae		
C	Campanulaceae	Brighamia	insignis		Bromeliad east
C	Campanulaceae	Delissea	kauaiense		Lawai Kai Restoration
N	Cannabaceae	Trema	cannabina		RIPARIAN FOREST
N	Cannaceae	Canna	indica		
C	Capparaceae	Capparis	sandwichiana		Lawai Kai
C, N	Caricaceae	Carica	papaya		
N	Caryophyllaceae	Drymaria	cordata	var. pacifica	
C, N	Casuarinaceae	Casuarina	equisetifolia		
C, N	Casuarinaceae	Casuarina	glauca		
C	Celastraceae	Elaeodendron	orientale		
C	Chloranthaceae	Chloranthus	inconspicuous		
C	Chrysobalanaceae	Atuna	racemosa		JUNGLE SIDE
C	Cibotiaceae	Cibotium	glaucum		along tram road
C	Clusiaceae	Calophyllum	inophyllum		Lawai Kai
C, N	Clusiaceae	Clusea	rosea		
C	Clusiaceae	Garcinia	livingstonei		FRUIT ORCHARD
C	Clusiaceae	Garcinia	madruno		FRUIT ORCHARD
C	Clusiaceae	Garcinia	mangostana		
C	Clusiaceae	Garcinia	xanthochymus		FRUIT ORCHARD
C	Clusiaceae	Mammea	americana		ORCHARD

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C	Clusiaceae	Terminalia	bentzoe		
C	Combretaceae	Terminalia	carolinensis		JUNGLE SIDE
C, N	Combretaceae	Terminalia	catappa		
C	Combretaceae	Terminalia	glabrata		
C	Combretaceae	Terminalia	littoralis		
C	Combretaceae	Terminalia	nitens		
C	Combretaceae	Terminalia	samoensis		RIPARIAN
C, N	Commelinaceae	Callisia	fragrans		
C	Commelinaceae	Cochliostema	odoratissimum		FRUIT ORCHARD
N	Commelinaceae	Commelina	diffusa		
C, N	Commelinaceae	Dichorisandra	thyrsiflora		
C, N	Commelinaceae	Tradescantia	spathacea		
C, N	Commelinaceae	Tradescantia	spathacea	cv. Concolor	
C, N	Commelinaceae	Tradescantia	zebrina		
C	Connaraceae	Connarus	semidecandrus		RIPARIAN
C	Convolvulaceae	Ipomoea	batatas		
I	Convolvulaceae	Ipomoea	imperati		Lawai Kai Restoration
I	Convolvulaceae	Ipomoea	indica		
I	Convolvulaceae	Ipomoea	littoralis		COASTAL
I	Convolvulaceae	Ipomoea	pes-caprae	subsp. brasiliensis	Lawai Kai
N	Convolvulaceae	Ipomoea	triloba		
I	Convolvulaceae	Jacquemontia	ovalifolia	subsp. sandwicensis	Lawai Kai
C	Convolvulaceae	Porana	paniculata		
C	Costaceae	Costus	comosus		
C	Costaceae	Costus	malortieanus		
C	Costaceae	Costus	productus		
C	Costaceae	Costus	villosissimus		
C	Costaceae	Costus	speciosus		
C	Costaceae	Costus	woodsonii		
C	Costaceae	Tapeinocheilos	ananassae		Cut flower garden
C	Crassulaceae	Kalanchoe	beharensis		
C	Crassulaceae	Kalanchoe	blossfeldiana		
C	Crassulaceae	Kalanchoe	diagremontianum		
N	Crassulaceae	Bryophyllum	pinnata		
C, N	Crassulaceae	Bryophyllum	tubiflora		
N	Cucurbitaceae	Momordica	charantia		
I	Cucurbitaceae	Sicyos	herbstii		Lawai Kai
I	Cucurbitaceae	Sicyos	pachycarpa		
C	Cycadaceae	Cycas	angulata		
C	Cycadaceae	Cycas	bougainvilleana		Hideo Teshima Palmetum
C	Cycadaceae	Cycas	circinalis		
C	Cycadaceae	Cycas	kennedyana		
C	Cycadaceae	Cycas	ophiolitica		JUNGLE SIDE
C	Cycadaceae	Cycas	revoluta		
C	Cycadaceae	Cycas	thouarsii		
C	Cyclanthaceae	Carludovica	palmata		
C	Cyclanthaceae	Cyclanthus	bipartitus		
C	Cyperaceae	Carex	meyenii		Lawai Kai
C	Cyperaceae	Carex	wahuensis		Lawai Kai Restoration
I	Cyperaceae	Cladium	jamaicense		Stream Restoration
N	Cyperaceae	Cyperus	gracilis		
N	Cyperaceae	Cyperus	involucratus		
N	Cyperaceae	Cyperus	javanicus		Lawai Kai
N	Cyperaceae	Cyperus	rotundus		
C	Cyperaceae	Cyperus	trachysanthos		Stream Restoration
C	Cyperaceae	Fimbristylis	cymosa		Lawai Kai
N	Cyperaceae	Kyllingia	brevifolia		
N	Cyperaceae	Schoenoplectus	californicus		
C	Cyperaceae	Schoenoplectus	tabernaemontani		Stream
C	Dilleniaceae	Dillenia	indica		
C	Dilleniaceae	Dillenia	suffruticosa		
C	Ebenaceae	Diospyros	blancoi		
C	Ebenaceae	Diospyros	sandwicensis		Visitors Center

Cultivated, native, and naturalized flowering plants and ferns of the Allerton Garden

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C, N	Euphorbiaceae	Aleurites	moluccana		
C	Euphorbiaceae	Chamaesyce	celastroides		Lawai Kai
I	Euphorbiaceae	Chamaesyce	celastroides	var. amplexans	
C	Euphorbiaceae	Chamaesyce	degeneri		Lawai Kai Restoration
N	Euphorbiaceae	Chamaesyce	hirta		
N	Euphorbiaceae	Chamaesyce	hypericifolia		
C	Euphorbiaceae	Codiaeum	variegatum		
C	Euphorbiaceae	Euphorbia	antiquorum		
N	Euphorbiaceae	Euphorbia	heterophylla		
C, N	Euphorbiaceae	Euphorbia	lactea		
C, N	Euphorbiaceae	Euphorbia	tirucalli		
C	Euphorbiaceae	Excoecaria	cochinchinensis		
C	Euphorbiaceae	Jatropha	integerrima		
C	Euphorbiaceae	Macaranga	mappa		
C	Euphorbiaceae	Pedilanthus	tithymaloides		
N	Euphorbiaceae	Ricinus	communis		
C	Fabaceae	Acacia	koa		
C	Fabaceae	Acacia	koaia		Lawai Kai Restoration
C	Fabaceae	Acacia	simplex		
C	Fabaceae	Bauhinia	cumingiana		
C	Fabaceae	Bauhinia	forficata		
C	Fabaceae	Bauhinia	monandra		
C	Fabaceae	Bauhinia	punctata		
C	Fabaceae	Bauhinia	variegata	var. candida	
C	Fabaceae	Brownea	coccinea		
N	Fabaceae	Canavalia	cathartica		
C	Fabaceae	Canavalia	napaliensis		Lawai Kai
C	Fabaceae	Cassia	fistula		
C	Fabaceae	Cassia	grandis		
C	Fabaceae	Cassia	javanica		
N	Fabaceae	Chamaecrista	nictitans	subsp. patellaria var. glabrata	
N	Fabaceae	Crotalaria	pallida		
C	Fabaceae	Cynometra	ramiflora		
C	Fabaceae	Delonix	regia		
C	Fabaceae	Dendrolobium	umbellatum		
C	Fabaceae	Derris	trifoliata		COASTAL FOREST
N	Fabaceae	Desmanthus	virgatus		
N	Fabaceae	Desmodium	incanum		
N	Fabaceae	Desmodium	trifolium		
C	Fabaceae	Erythrina	crista-galli		
C	Fabaceae	Erythrina	sandwicensis		Lawai Kai Restoration
N	Fabaceae	Leucaena	leucocephala		
N	Fabaceae	Mimosa	pudica	var. unijuga	
C	Fabaceae	Mucuna	novoguineensis		
C	Fabaceae	Mucuna	toyoshimae		Riparian
C	Fabaceae	Ormosia	monosperma		
C	Fabaceae	Phyllocarpus	septentrionalis		
C, N	Fabaceae	Pithecellobium	dulce		
C, N	Fabaceae	Prosopis	pallida		
C, N	Fabaceae	Samanea	saman		
C	Fabaceae	Schleinitzia	fosbergii		Riparian
N	Fabaceae	Senna	surrattensis		
C	Fabaceae	Sesbania	tomentosa		Lawai Kai Restoration
C	Fabaceae	Sophora	tomentosa		COASTAL
C	Fabaceae	Strongylodon	macrobotrys		
C	Fabaceae	Tamarindus	indica		
I	Fabaceae	Vigna	marina		Lawai Kai
C	Gentianaceae	Fagraea	berteroana		
C	Gentianaceae	Fagraea	galilaei		Riparian
C	Goodeniaceae	Scaevola	coriacea		BEACH
I	Goodeniaceae	Scaevola	taccada		Stream Restoration
C	Heliconiaceae	Heliconia	acuminata		Heliconia Area
C	Heliconiaceae	Heliconia	aemygdiana		

Cultivated, native, and naturalized flowering plants and ferns of the Allerton Garden

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C	Heliconiaceae	Heliconia	aurantiaca		
C	Heliconiaceae	Heliconia	bihai	cv. Claw 1	
C	Heliconiaceae	Heliconia	bihai	cv. Claw 2	
C	Heliconiaceae	Heliconia	bihai	cv. Kamehameha	
C	Heliconiaceae	Heliconia	bihai		
C	Heliconiaceae	Heliconia	caribaea	cv. Cream	
C	Heliconiaceae	Heliconia	caribaea	cv. Purpurea	
C	Heliconiaceae	Heliconia	caribaea x bihai	cv. Jacquinii	CUTTING GARDEN
C	Heliconiaceae	Heliconia	caribaea x bihai	cv. Criswick	
C	Heliconiaceae	Heliconia	caribaea x bihai	cv. Kawuchi	
C	Heliconiaceae	Heliconia	caribaea x bihai		
C	Heliconiaceae	Heliconia	chartacea		
C	Heliconiaceae	Heliconia	collinsiana		
C	Heliconiaceae	Heliconia	cv. Guyana		
C	Heliconiaceae	Heliconia	cv. Tropic Fleur		
C	Heliconiaceae	Heliconia	imbricata		CUTTING GARDEN
C	Heliconiaceae	Heliconia	indica	cv. Spectabilis	
C	Heliconiaceae	Heliconia	mariae		CUTTING GARDEN
C	Heliconiaceae	Heliconia	metallica		
C	Heliconiaceae	Heliconia	orthotricha	cv. Pink Fuzzy	
C	Heliconiaceae	Heliconia	orthotricha	cv. She	
C	Heliconiaceae	Heliconia	orthotricha		
C	Heliconiaceae	Heliconia	pendula		
C	Heliconiaceae	Heliconia	platystachys		
C	Heliconiaceae	Heliconia	psittacorum	cv. Andromeda	
C	Heliconiaceae	Heliconia	psittacorum	cv. Parakeet	
C	Heliconiaceae	Heliconia	psittacorum		CUTTING GARDEN
C	Heliconiaceae	Heliconia	cv. Golden Torch		
C	Heliconiaceae	Heliconia	rostrata		CUT FLOWER GARDEN
C	Heliconiaceae	Heliconia	sp		CUT FLOWER GARDEN
C	Heliconiaceae	Heliconia	sp.		CUTTING GARDEN
C	Heliconiaceae	Heliconia	sp.		CUTTING GARDEN
C	Heliconiaceae	Heliconia	sp.		CUTTING GARDEN
C	Heliconiaceae	Heliconia	sp.		CUTTING GARDEN
C	Heliconiaceae	Heliconia	sp.		Heliconia Area
C	Heliconiaceae	Heliconia	solomonensis		
C	Heliconiaceae	Heliconia	spathocircinata		CUTTING GARDEN
C	Heliconiaceae	Heliconia	standleyi		
C	Heliconiaceae	Heliconia	stricta		
C	Heliconiaceae	Heliconia	sylvestris		
C	Heliconiaceae	Heliconia	talamanacana		BEACH
C	Heliconiaceae	Heliconia	tarumaensis		
C	Heliconiaceae	Heliconia	wagneriana		
C	Heliconiaceae	Heliconia	wagneriana or stricta		CUTTING GARDEN
C	Heliconiaceae	Heliconia	wagneriana or stricta		CUTTING GARDEN
C	Heliconiaceae	Heliconia	x nickeriensis		
C	Hernandiaceae	Hernandia	nymphaefolia		COASTAL
C	Iridaceae	Dietes	grandiflora		
C	Iridaceae	Neomarica	caerula		
C	Iridaceae	Neomarica	gracilis		
C	Lamiaceae	Callicarpa	candicans		Riparian
C	Lamiaceae	Callicarpa	elegans		RIPARIAN FOREST
C	Lamiaceae	Clerodendrum	buchanani		
C	Lamiaceae	Clerodendrum	indicum		
C	Lamiaceae	Leonurus	sibiricus		
C	Lamiaceae	Plectranthus	amboincus		
I	Lamiaceae	Plectranthus	parviflorus		
C	Lamiaceae	Premna	obtusifolia		Riparian
C	Lamiaceae	Tectona	grandis		
C	Lamiaceae	Vitex	cofassus		RIPARIAN FOREST
C	Lamiaceae	Vitex	negundo		East side of stream
C	Lamiaceae	Vitex	rotundifolia		Lawai Kai
C	Lauraceae	Cinnamomum	burmannii		

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C	Lauraceae	Cinnamomum	camphora			
C	Lauraceae	Cinnamomum	zeylanicum			FRUIT ORCHARD
C	Lauraceae	Laurus	nobilis			FRUIT ORCHARD
C	Lauraceae	Persea	americana			
C	Lecythidaceae	Barringtonia	asiatica			
C	Lecythidaceae	Barringtonia	edulis			Riparian
C	Lecythidaceae	Barringtonia	racemosa			
C	Liliaceae	Agapanthus	praecox	subsp. orientalis		
C	Liliaceae	Chlorophytum	comosum			
C	Liliaceae	Crinum	augustum			
C	Liliaceae	Crinum	mauritanium			CUTTING GARDEN
C, N	Liliaceae	Crinum	pedunculatum			
N	Liliaceae	Hippeastrum	puniceum			
C	Liliaceae	Liriope	muscari			
C	Liliaceae	Ophiopogon	japonicus			
C	Loganiaceae	Geniostoma	kusaiense			Riparian
C	Loganiaceae	Neubergia	celebica			ALLERTON
C	Lomariopsidaceae	Nephrolepis	cordifolia			
C	Lythraceae	Lagerstroemia	speciosa			
C	Lythraceae	Pemphis	acidula			COASTAL
C	Lythraceae	Punica	granatum			FRUIT ORCHARD
C	Maesaceae	Maesa	carolinensis			ALLERTON
C	Malpighiaceae	Galphimia	gracilis			
C	Malpighiaceae	Malpighia	coccigera			
C	Malpighiaceae	Malpighia	glabra			
C	Malpighiaceae	Malpighia	punicifolia			FRUIT ORCHARD
C	Malpighiaceae	Stigmaphyllon	ciliatum			
N	Malvaceae	Abutilon	grandifolium			
C	Malvaceae	Brachychiton	acerifolium			
C	Malvaceae	Chorisia	speciosa			
C	Malvaceae	Commersonia	bartramia			RIPARIAN
C	Malvaceae	Dombeya	cf. wallichii			PANDANETUM
C	Malvaceae	Durio	graveolens			
C	Malvaceae	Durio	zibethinus			
C	Malvaceae	Gossypium	tomentosum			Lawai Kai
C	Malvaceae	Hibiscadelphus	distans			Lawai Kai Restoration
C	Malvaceae	Hibiscus	arnottianus			Visitor's Center
C	Malvaceae	Hibiscus	fragilis			
C	Malvaceae	Hibiscus	genevii			Hibiscus Alley
C	Malvaceae	Hibiscus	glaber			
C	Malvaceae	Hibiscus	kokio	subsp. kokio		
C	Malvaceae	Hibiscus	kokio			
C	Malvaceae	Hibiscus	rosa-sinensis			
C	Malvaceae	Hibiscus	scottii			
C, N	Malvaceae	Hibiscus	tiliaceus			
C	Malvaceae	Hibiscus	waimeae			Lawai Kai
C	Malvaceae	Kokia	drynarioides			Lawai Kai Restoration
C	Malvaceae	Kokia	kauaiensis			Lawai Kai Restoration
C	Malvaceae	Malachra	alceifolia			
N	Malvaceae	Malvastrum	coromandelianum	subsp.		
C	Malvaceae	Malvaviscus	arboreus			
C	Malvaceae	Matisia	cordata			
C	Malvaceae	Pachira	aquatica			
I	Malvaceae	Sida	fallax			Lawai Kai
C	Malvaceae	Sterculia	foetida			
C, N	Malvaceae	Thespesia	populnea			JUNGLE SIDE
N	Malvaceae	Triumfetta	semitriloba			
I	Malvaceae	Waltheria	indica			
C	Marantaceae	Calathea	burle-marxii	cv. Ice Blue		
C	Marantaceae	Calathea	crotalifera			
C	Marantaceae	Calathea	lutea			
C	Marantaceae	Donax	cannaeformis			CUTTING GARDEN
C	Marantaceae	Marantachloa	flexuosa			

Cultivated, native, and naturalized flowering plants and ferns of the Allerton Garden

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C	Marantaceae	Pleiostachya	pruinosa		
C	Marcgraviaceae	Norantea	guianensis		
C	Melastomataceae	Medinella	magnifica		
C	Meliaceae	Aglaia	odorata		
C	Meliaceae	Aphanamixis	polystachya		
C	Meliaceae	Xylocarpus	granatum		RIPARIAN
C	Menispermaceae	Pachygone	ledermannii		Riparian
C	Monimiaceae	Tambourissa	peltata		
C	Moraceae	Artocarpus	altilis		
C	Moraceae	Artocarpus	altilis x mariannensis		
C	Moraceae	Artocarpus	heterophyllus		FRUIT ORCHARD
C	Moraceae	Artocarpus	lingnanensis		Fruit Orchard
C	Moraceae	Ficus	carica		FRUIT ORCHARD
C	Moraceae	Ficus	cf. virens		
C	Moraceae	Ficus	elastica		
C	Moraceae	Ficus	lyrata		
C	Moraceae	Ficus	macrophylla		
C	Moraceae	Ficus	microcarpa		
C	Moraceae	Ficus	montana		
C	Moraceae	Ficus	pseudopalma		
C	Moraceae	Ficus	pumila		
C	Moraceae	Ficus	tinctoria		West side of stream
C	Moraceae	Morus	alba		FRUIT ORCHARD
C	Moraceae	Treculia	africana		FRUIT ORCHARD
C	Moringaceae	Moringa	oleifera		FRUIT ORCHARD
C	Musaceae	Musa	acuminata		
C	Musaceae	Musa	ornata		
C	Musaceae	Musa	uranoscopus		CUTTING GARDEN
C	Musaceae	Musa	velutina		
C	Musaceae	Musella	lasiocarpa		CUTTING GARDEN
C	Myristicaceae	Horsfieldia	nu nu		RIPARIAN
C	Myrsinaceae	Tapeinosperma	sp.		Riparian
C, N	Myrtaceae	Eucalyptus	deglupta		
C	Myrtaceae	Eugenia	palumbis		RIPARIAN
C	Myrtaceae	Eugenia	uniflora		FRUIT ORCHARD
C	Myrtaceae	Feijoa	sellowiana		FRUIT ORCHARD
C	Myrtaceae	Metrosideros	polymorpha		Lawai Kai Restoration
C	Myrtaceae	Myrciaria	cauliflora		FRUIT ORCHARD
C	Myrtaceae	Myrciaria	vexator		FRUIT ORCHARD
C	Myrtaceae	Pimenta	dioica		
C, N	Myrtaceae	Psidium	cattleianum		
C, N	Myrtaceae	Psidium	guajava		FRUIT ORCHARD
C	Myrtaceae	Syzygium	aromaticum		
C	Myrtaceae	Syzygium	cumini		
C	Myrtaceae	Syzygium	malaccense		
C	Nelumbonaceae	Nelumbo	nucifera		
N	Nyctaginaceae	Boerhavia	coccinea		
C	Nyctaginaceae	Boerhavia	repens		Lawai Kai
C	Nyctaginaceae	Bougainvillea	glabra		
N	Nyctaginaceae	Mirabilis	jalapa		
C	Nymphaeaceae	Nymphaea	nouchali		
C	Nymphaeaceae	Nymphaea	sp.		
C	Ochnaceae	Ochna	kirkii		
C	Oleaceae	Jasminum	sambac		
C	Oleaceae	Osmanthus	fragrans		
C	Oleaceae	Osmanthus	insularis		Riparian
C	Orchidaceae	Brassavola	nodosa		
C	Orchidaceae	Dendrobium	sp.		
C	Orchidaceae	Epidendrum	sp.		
C	Orchidaceae	Oncidium	sphacelatum		
C	Orchidaceae	Vanda	sp.		
C	Oxalidaceae	Averrhoa	carambola		
N	Oxalidaceae	Oxalis	corniculata		

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N	Oxalidaceae	Oxalis	debilis			
C	Pandanaceae	Freycinetia	cunningiana			
C	Pandanaceae	Pandanus	amaryllifolius			PANDANETUM
C	Pandanaceae	Pandanus	aurantiacus			PANDANETUM
C	Pandanaceae	Pandanus	balansae			PANDANETUM
C	Pandanaceae	Pandanus	baptistii			PANDANETUM
C	Pandanaceae	Pandanus	dubius			PANDANETUM
C	Pandanaceae	Pandanus	fragrans			Pandanetum
C	Pandanaceae	Pandanus	kanehirae			PANDANETUM
C	Pandanaceae	Pandanus	mei			PANDANETUM
C	Pandanaceae	Pandanus	pedunculatus			
C	Pandanaceae	Pandanus	polycephalus			Pandanetum
C	Pandanaceae	Pandanus	sp.			PANDANETUM
C	Pandanaceae	Pandanus	sp.			PANDANETUM
C	Pandanaceae	Pandanus	sp.			POLYNESIAN INTRO.
C	Pandanaceae	Pandanus	tectorius			PANDANETUM
C	Pandanaceae	Pandanus	tectorius	laevis		PANDANETUM
C	Pandanaceae	Pandanus	utilis			PANDANETUM
C	Pandanaceae	Pandanus	vandermeerschii			PANDANETUM
C	Pandanaceae	Pandanus	veitchii			PANDANETUM
C	Pandanaceae	Pandanus	whitmeeanus			PANDANETUM
C	Pandanaceae	Sararanga	philippinensis			PANDANETUM
C	Papaveraceae	Argemone	glauca			Lawai Kai
C	Passifloraceae	Adenia	keramanthus			
C	Passifloraceae	Passiflora	vitifolia			
C	Phyllanthaceae	Antidesma	kusaiense			West side of stream
N	Phyllanthaceae	Phyllanthus	debilis			
N	Phyllanthaceae	Phyllanthus	tenellus			
N	Phytolaccaceae	Rivinia	humilis			
I	Piperaceae	Peperomia	blanda	var. floribunda		
N	Piperaceae	Peperomia	pellucida			
C	Pittosporaceae	Pittosporum	napaliensis			
N	Plantaginaceae	Plantago	major			
C	Plumbaginaceae	Plumbago	zeylanica			Lawai Kai
C	Poaceae	Bambusa	vulgaris			
N	Poaceae	Brachiaria	mutica			
N	Poaceae	Chloris	barbata			
I	Poaceae	Chrysopogon	aciculatus			
N	Poaceae	Cynodon	dactylon			
N	Poaceae	Dactylis	glomerata			
N	Poaceae	Digitaria	insularis			
N	Poaceae	Echinochloa	crus-galli			
N	Poaceae	Eragrostis	tenella			
N	Poaceae	Eragrostis	variabilis			Lawai Kai
N	Poaceae	Eremochloa	ophiuroides			
I	Poaceae	Heteropogon	contortus			Lawai Kai
N	Poaceae	Melinis	repens			
N	Poaceae	Oplismenus	hirtellus			
N	Poaceae	Panicum	maximum			
C	Poaceae	Panicum	niihauense			Lawai Kai
N	Poaceae	Pennisetum	clandestinum			
N	Poaceae	Pennisetum	purpureum			
C	Poaceae	Saccharum	officinarum			
N	Poaceae	Sporobolus	diander			
N	Poaceae	Sporobolus	indicus			
N	Poaceae	Sporobolus	virginicus			Lawai Kai
N	Poaceae	Stenotaphrum	secundatum			
N	Poaceae	Thysanolaena	maxima			
N	Poaceae	Zoysia	matrella	var. pacifica		
C	Podocarpaceae	Podocarpus	elatus			
C, N	Polygonaceae	Antigonon	leptopus			
C	Polygonaceae	Coccoloba	uvifera			
C	Polygonaceae	Rumex	albescens			Lawai Kai

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C, N	Polypodiaceae	Microsorium	grossus		
C	Polypodiaceae	Microsorium	punctatum	cv. Cristatum	
C	Polypodiaceae	Platynerium	alcicorne		
C	Polypodiaceae	Platynerium	bifurcatum		
C	Polypodiaceae	Platynerium	sp.		
C	Pontederiaceae	Eichornia	crassipes		
N	Portulacaceae	Portulaca	oleracea		
N	Portulacaceae	Portulaca	pilosa		
N	Portulacaceae	Talinum	paniculatum		
C	Primulaceae	Lysimachia	mauritiana		Lawai Kai Restoration
C	Primulaceae	Myoporum	sandwicense		Lawai Kai
C, N	Proteaceae	Grevillea	robusta		
C	Proteaceae	Macadamia	integrifolia		FRUIT ORCHARD
N	Pteridaceae	Adiantum	raddianum		
C	Pteridaceae	Doryopteris	decipiens		Lawai Kai Restoration
N	Pteridaceae	Pellaea	viridis		
N	Pteridaceae	Pityrogramma	calomelanos		
C	Rhamnaceae	Colubrina	asiatica		JUNGLE SIDE
C	Rhizophoraceae	Bruguiera	gymnorhiza		West side of stream
C	Rosaceae	Osteomeles	anthyllidifolia		Lawai Kai
C	Rubiaceae	Atractocarpus	fitzalani		
C	Rubiaceae	Bikkia	comptonii		Riparian
C, N	Rubiaceae	Coffea	arabica		ALLERTON
C	Rubiaceae	Cubanola	dominguensis		CUTTING GARDEN
C	Rubiaceae	Gardenia	aubryi		RIPARIAN
C	Rubiaceae	Guettarda	heterosepala		RIPARIAN FOREST
C	Rubiaceae	Guettarda	speciosa		East side of stream
C	Rubiaceae	Ixora	casei		RIPARIAN FOREST
C	Rubiaceae	Ixora	triantha		Riparian
C	Rubiaceae	Kadua	haupuensis		Lawai Kai Restoration
C	Rubiaceae	Kadua	littoralis		Lawai Kai
C	Rubiaceae	Kadua	st.-johnii		Lawai Kai
C, N	Rubiaceae	Morinda	citrifolia		JUNGLE SIDE
C	Rubiaceae	Morinda	citrifolia	var. potteri	
C	Rubiaceae	Morinda	jasminoides		
C	Rubiaceae	Mussaenda	raiateensis		RIPARIAN FOREST
N	Rubiaceae	Paederia	foetida		
C	Rubiaceae	Psychotria	hobdyi		3C
C	Rubiaceae	Psychotria	leptothyrsa		RIPARIAN FOREST
C	Rubiaceae	Psychotria	sp.		RIPARIAN
C	Rubiaceae	Psychotria	sp.		RIPARIAN
C	Rubiaceae	Psychotria	sp.		RIPARIAN
C	Rubiaceae	Psychotria	sp.		Riparian
C	Rubiaceae	Psydrax	odorata		Lawai Kai
I	Ruppiaceae	Ruppia	maritima		
C	Rutaceae	Citrofortunella	microcarpa		FRUIT ORCHARD
C	Rutaceae	Citrus	aurantiifolia		FRUIT ORCHARD
C	Rutaceae	Citrus	jambhiri		FRUIT ORCHARD
C	Rutaceae	Citrus	limon		FRUIT ORCHARD
C	Rutaceae	Citrus	maxima		FRUIT ORCHARD
C	Rutaceae	Citrus	mitis		ORCHARD
C	Rutaceae	Citrus	paradisi		FRUIT ORCHARD
C	Rutaceae	Citrus	reticulata		FRUIT ORCHARD
C	Rutaceae	Citrus	sinensis		FRUIT ORCHARD
C	Rutaceae	Citrus	x nobilis		FRUIT ORCHARD
C	Rutaceae	Citrus	x paradisi		FRUIT ORCHARD
C	Rutaceae	Citrus	x tangelo		
C	Rutaceae	Clausena	lansium		
C	Rutaceae	Fortunella	sp.		FRUIT ORCHARD
C	Rutaceae	Melicope	mucronulata		Lawai Kai Restoration
C	Rutaceae	Murrya	paniculata		
C	Rutaceae	Triphasia	trifolia		
C	Rutaceae	Zanthoxylum	dipetalum		Lawai Kai

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C	Salicaceae	Dovyalis	hebecarpa		FRUIT ORCHARD
C	Santalaceae	Santalum	freycinetianum		Lawai Kai Restoration
C	Sapindaceae	Allophylus	timorensis		RIPARIAN FOREST
C	Sapindaceae	Dimocarpus	longan		FRUIT ORCHARD
C	Sapindaceae	Dodonaea	viscosa		Lawai Kai
C	Sapindaceae	Euphoria	longan		FRUIT ORCHARD
C	Sapindaceae	Harpullia	pendula		
C	Sapindaceae	Litchi	chinensis		FRUIT ORCHARD
C	Sapindaceae	Nephelium	lappaceum		FRUIT ORCHARD
C	Sapindaceae	Sapindus	oahuensis		Lawai Kai Restoration
C	Sapotaceae	Chrysophyllum	cainito		
C	Sapotaceae	Manilkara	zapota		FRUIT ORCHARD
C	Sapotaceae	Pouteria	cainito		FRUIT ORCHARD
C	Sapotaceae	Pouteria	campechiana		FRUIT ORCHARD
C	Sapotaceae	Pouteria	cf. obovata		RIPARIAN FOREST
C	Sapotaceae	Pouteria	sapota		FRUIT ORCHARD
C	Sapotaceae	Pouteria	viridis		FRUIT ORCHARD
C	Sapotaceae	Synsepalum	dulcificum		FRUIT ORCHARD
I	Scrophulariaceae	Bacopa	monnieri		
C	Solanaceae	Brugmansia	x candida		
C	Solanaceae	Lycium	sandwicense		Lawai Kai
C	Solanaceae	Solandra	maxima		
N	Solanaceae	Solanum	americanum		
E	Solanaceae	Solanum	nelsonii		Lawai Kai
N	Solanaceae	Solanum	seaforthianum		
C	Strelitziaceae	Phenakospermum	guyannense		
C	Strelitziaceae	Ravenala	madagascariensis		
C	Strelitziaceae	Strelitzia	reginae		
C	Thelypteridaceae	Cyclosorus	interruptus		Lawai Kai
N	Thelypteridaceae	Thelypteris	parasiticus		
C	Thymelaeaceae	Phalaria	disperma		
E	Thymelaeaceae	Wikstroemia	uva-ursi	var. kauaiensis	
C	Urticaceae	Dendrocnide	latifolia		Riparian
C	Urticaceae	Elatosperma	calcareum		Riparian
C	Urticaceae	Pilea	cadieri		
N	Urticaceae	Pilea	microphylla		
C	Urticaceae	Pipturus	kauaiensis		Steam Restoration
N	Verbenaceae	Lantana	camara		
N	Verbenaceae	Stachytarpheta	urticifolia		
C	Woodsiaceae	Diplazium	esculentum		
C	Xanthorrhoeaceae	Xanthorrhoea	minor		
C	Zamiaceae	Bowenia	serrulata		DIANA
C	Zamiaceae	Dioon	edule		
C	Zamiaceae	Dioon	mejiae		
C	Zamiaceae	Encephalartos	altensteinii		
C	Zamiaceae	Encephalartos	arenarius		
C	Zamiaceae	Encephalartos	cupidus		
C	Zamiaceae	Encephalartos	dyerianus		
C	Zamiaceae	Encephalartos	eugene-maraisii		
C	Zamiaceae	Encephalartos	ferox		
C	Zamiaceae	Encephalartos	friderici-guilielmi		
C	Zamiaceae	Encephalartos	ghellinckii		
C	Zamiaceae	Encephalartos	gratus		HARRY'S VALLEY
C	Zamiaceae	Encephalartos	horridus		
C	Zamiaceae	Encephalartos	humilis		
C	Zamiaceae	Encephalartos	inopinus		
C	Zamiaceae	Encephalartos	ituriensis		
C	Zamiaceae	Encephalartos	laevifolius		
C	Zamiaceae	Encephalartos	lebomboensis		
C	Zamiaceae	Encephalartos	lehmanii		
C	Zamiaceae	Encephalartos	longifolius		
C	Zamiaceae	Encephalartos	natalensis		
C	Zamiaceae	Encephalartos	ngoyanus		

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C	Zamiaceae	Encephalartos	paucidentatus		
C	Zamiaceae	Encephalartos	princeps		
C	Zamiaceae	Encephalartos	transvenosus		
C	Zamiaceae	Encephalartos	trispinosus		
C	Zamiaceae	Encephalartos	villosus		
C	Zamiaceae	Lepidozamia	peroffskyana		ALLERTON
C	Zamiaceae	Stangeria	eripus		HARRY'S VALLEY
C	Zamiaceae	Zamia	cremnophila		below Diana's fountain
C	Zamiaceae	Zamia	lindenii		BAMBOO GROVE
C	Zamiaceae	Zamia	loddogesii		
C	Zamiaceae	Zamia	pseudoparasitica		
C	Zamiaceae	Zamia	pumila		
C	Zamiaceae	Zamia	roezli		ALLERTON
C	Zamiaceae	Zamia	sp.		CYCAD AREA
C	Zingiberaceae	Alpinia	bilamellata		
C	Zingiberaceae	Alpinia	calcarata		
C	Zingiberaceae	Alpinia	carolinensis		CUTTING GARDEN
C	Zingiberaceae	Alpinia	formosana	forma variegata	
C	Zingiberaceae	Alpinia	nieuwenhuizii		
C	Zingiberaceae	Alpinia	purpurata	cv. Eileen McDonald	
C	Zingiberaceae	Alpinia	purpurata	cv. Jungle King	
C	Zingiberaceae	Alpinia	purpurata	cv. Jungle Queen	
C	Zingiberaceae	Alpinia	purpurata	cv. Tahitian	
C	Zingiberaceae	Alpinia	purpurata		
C	Zingiberaceae	Alpinia	sp.		CUTTING GARDEN
C	Zingiberaceae	Alpinia	sp.		CUTTING GARDEN
C	Zingiberaceae	Alpinia	sp.		CUTTING GARDEN
C	Zingiberaceae	Alpinia	sp.		CUTTING GARDEN
C	Zingiberaceae	Alpinia	sp.		Heliconia Area
C	Zingiberaceae	Alpinia	sp.		Heliconia Area
C	Zingiberaceae	Alpinia	vittata		
C	Zingiberaceae	Alpinia	zerumbet		Heliconia Area
C	Zingiberaceae	Alpinia	zerumbet	cv. Variegata	
C	Zingiberaceae	Etlingera	elatior		
C	Zingiberaceae	Etlingera	sp.		
C	Zingiberaceae	Hedychium	coccineum		JUNGLE SIDE
C	Zingiberaceae	Hedychium	gardnerianum		
C	Zygophyllaceae	Guaicum	officinale		