Green Plants for Hawai‘i’s Tropical Landscapes

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In nature and in many gardens in subtropical and tropical regions, all-green plants are common. Most palms, aroids, ferns, bamboos, plants in the Marantaceae family, and ti plants are predominantly green when found in nature. While there has been a strong tendency for people to select for variegation and colors other than green for ornamental uses, green is the predominant color of plant foliage in the natural world.

The form of certain plants suggests a tropical environment, even if they are grown in subtropical locations, such as Hawai‘i, or mild-temperate locations, and most of these plants are green. This publication lists and illustrates some plants desirable for providing a “tropical” appearance to landscapes.

The arid family, for example, is a large family of plants that includes genera commonly used as ornamentals, such as Philodendron, Monstera, Dieffenbachia, Aglaonema, Alocasia, Colocasia (taro), Xanthosoma, Homalomena, Syngonium, Caladium, Spathiphyllum, Anthurium, and Zantedeschia, as well as some less commonly used genera such as Typhonodorum, Schizocasia, Cryptocoryne, Oroonitis, Cyrtosperma, Amorphophallus, Hydrosme, Acoros, Lagenandra, Gonatopus, Arisaema, Arisarum, and Pista. Many genera of the arid family combine all-green color with shade tolerance. Examples are Philodendron, Monstera, Dieffenbachia, Aglaonema, Xanthosoma, Alocasia, Colocasia, Syngonium, and Epipremnum (pothos). Other genera of this family such as Anthurium, Caladium, Spathiphyllum, and Zantedeschia are famous for their colorful bracts or flowers.

In Hawai‘i, taros are mostly green and are eaten as poi or “table taro,” like potato. In other South Pacific regions, Alocasia and Xanthosoma are also eaten. Anthurium and Spathiphyllum are also known for their green foliage.

The following list of plants reflects the author’s preferences. To make an effective all-green tropical landscape you do not need many plants, but the key is to choose plants that go together well.
Weed risk categories
Concern has arisen in recent years about the invasiveness of plants used in landscaping. Efforts are ongoing to conduct “weed risk assessments” for plants. Generally, invasive plant species pose environmental risks and should be avoided. The Hawai‘i Noxious Weed List, the Hawai‘i Alien Species Coordinator list, and the Hawai‘i-Pacific Weed Risk Assessment (HP-WRA) websites are sources of information about species invasiveness. Details about HP-HWRA assessment can be found at www.hear.org/wra.

In the list that follows, the current weed risk designation is indicated just before the plant scientific name. If there is no such indication, the plant has yet to be evaluated. The categories used are:
L = Not currently recognized as invasive in Hawai‘i, and not likely to have major ecological or economic impacts on other Pacific Islands based on the HP-WRA screening process.
H = High risk species that are either pests or likely to become pests.
E = “Evaluate”; some species have gone through an initial assessment, but not enough information is available yet to confirm a designation.

According to the website www.botany.hawaii.edu/faculty/daehler/wra, an “H” designation does not necessarily mean “do not plant.” Some judgement is required based on knowledge of the plant’s invasivity threat. For example, planting a Macarthur palm on the grounds of a hotel in Waikiki may not represent the same threat as planting one on the grounds of a residence or resort that is near an area to which the plant could be an environmental menace.

All-green tropical plants
Acanthus mollis (Bear’s breech), p. 4
Acoelorraphe wrightii, p. 5
Acrocomia herensis, p. 4
Adiantum spp. (maiden hair fern), p. 5
Aglaonema ‘Mariae’, p. 5
Alocasia cucullata (Chinese taro), p. 5
Alocasia macrorrhiza (ape), p. 6
Alocasia spp. (alocasia), p. 6
Anthurium hookeri, p. 7
Archontophoenix alexandrae (alexandrae palm), p. 7
Areca catechu (betel nut palm)
Mandai Orchid Garden, Singapore

- **Elaeis guineensis** (African oil palm)
- **Elaeis oleafera**
- **Ensete ventricosae** (ensete banana)
- **Heliconia episcopalis**
- **Heliconia nickerensis**
- **Howea fosteriana** (kentia palm)
- **Hyophorbe lagenicaulis** (bottle palm)
- **Johannesteijsmannia altifrons** (litter-collecting palm)
- **Licuala grandis**
- **Licuala ramsayi**
- **Licuala spinosa**
- **Livistonia chinensis** (Chinese fan palm)
- **Livistonia rotundifolia** (footstool palm)
- **Lodoicea maldivica** (coco-de-mer)
- **Ludovia lancifolia**
- **Monstera spp.**
- **Neomarica gracilis** (walking iris)
- **Osmuxlon lineare** (Miyagos bush)
- **Pelagodoxa henryana** (vahane)

**Philodendron bipinnatifidum** (selloum philodendron)
**Philodendron cannifolium**
**Philodendron giganteum** (giant philodendron)
**Philodendron speciosum** (imperial philodendron)
**Philodendron ‘Zanadu’**
**Piper magnificum** (lacquerd pepper tree)
**Phoenix canariensis** (Canary Island date palm)
**Phoenix dactylifera** (date palm)
**Phoenix reclinata** (Senegal date palm)
**Phoenix roebelenii** (dwarf date palm)
**Phoenix rupicola** (cliff date palm)
**Pigafetta filaris** (pigafetta palm)
**Pinanga coronata**
**Prestoea tobagonis**
**Pritchardia pacifica** (Fiji fan palm)
**Pritchardia thurstonii** (Masai palm)
**Psychosperma elegans** (solitaire palm)
**Psychosperma macarthuri** (Macarthur palm)
**Ravenala madagascariensis** (traveler’s palm)
**Rhapis excelsa** (lady palm)
**Rhopalostylis baueri** (Norfolk palm)
**Rhopalostylis sapida** (Nikau palm)
**Roystonea oleracea** (Carribean royal palm)
**Roystonea regia** (Cuban royal palm)
**Sabal palmetto** (palmetto palm)
**Sabal parviflora** (Cuban palmetto palm)
**Schizostachyum glaucifolium** (‘ohe Kahiko bamboo)
**Spathiphyllum ‘Sensation’**
**Streiltzia nicolai** (bird of paradise tree)
**Syagrus romanzoffiana** (queen palm)
**Synechocactus fibrosus**
**Taccia chantrieri** (bat flower plant)
**Tillandsia grandis**
**Veitchia joannis** (Niusawa palm)
**Veitchia merrillii** (Manila palm)
**Veitchia montgomeryana**
**Vriesea hieroglyphia** (king of the bromeliads)
**Wallichia disticha** (Wallich palm)
**Washingtonia robusta** (Mexican fan palm)
**Wodyetia bifurcata** (foxtail palm)
**Xanthosoma brasiliense** (Tahitian taro)
**Zamia furfuracea** (cardboard palm)
Acanthus mollis (Bear’s breech)

Acrocomia herensis
Acoelorraphe wrightii

Aglaonema 'Mariae'

Adiantum spp. (maiden hair fern)

Alocasia cucullata (Chinese taro)
Alocasia macrorrhiza (ape)

Alocasia spp. (alocasia)

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Anthurium hookeri

Archontophoenix alexandrae (alexandrae palm)
Areca triandra

Arenga pinnata (sugar palm)

Arenga undulatifolia

Attalea cohune (cohune palm)
Asterogyne martiana

Artocarpus altilis ‘Tahitian’ (Tahitian breadfruit)
Begonia nelumbiifolia (lily-pad)

Calathea libbyana

Calathea pseudoveitchiana

Calyptrogyne ghiesbrechtiana

Chamaerops humilis (European fan palm)
Caryota urens (wine palm)

Chamadorea cataractorum (cascade palm)
Clinostigma samoense

Cocos nucifera (coconut palm)

Coffea arabica (coffee)
Cordyline bausei (bausei ti)

Cordyline braziliansis (Braziliansis ti)

Cordyline fruticosa ‘Floppy’

Cordyline fruticosa ‘Green Flat’
Cordyline fruticosa 'Green Spoon'

Cordyline fruticosa 'Tutu Elena'

Cordyline fruticosa 'Kamehameha'

Corypha lecomtei
Corypha umbraculifera ‘Talipot’

Costus speciosus

Costus vinosus

Curcuma australaisica
Cycas circinalis (queen sago)

Cycas revoluta (Japanese sago palm)

Dictyosperma album (princess palm)

Elaeis oleafera
Heliconia nickerensis

Ensete ventricosae (ensete banana)

Hyophorbe lagenicaulis (bottle palm)
Johannesteijsmannia altifrons (litter-collecting palm)

Laccospadix australasicus (Atherton palm)

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Landscaping at the Kahala Apartments, O'ahu, achieves a "tropical" effect using mostly palms.
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Zamia furfuracea (cardboard palm)
References
Chapman, Timothy Sean. 1995. Ornamental gingers. Published by Timothy Sean Chapman, 6920 Bayou Paul Road, St. Gabriel, Louisiana 70776 USA.

Acknowledgment
Weed risk assessments were provided by Patti Clifford, Hawai‘i Invasive Species Council.