



Palm Tree Facts

The Arecaceae family of plants includes over 2,500 species of wonderfully diverse palm trees found throughout the world, from the desert to the rainforest.

- **Palms are used around the world** for food and drink, shelter, medicine, clothing, furniture, household items, and money.
- **Palm trees have two different types of leaves:** palmate and pinnate. Palmate leaves, like hands, grow in a fan at the end of a stem. Pinnate leaves are like feathers, growing all along either side of a stem.
- **Palms are not actually trees;** they do not produce wood or bark, nor can they heal from wounds. Never attach anything to a palm that will damage the trunk like nails or spikes.
- **Cycads are closely related to palms;** for example, although Sagos resemble palms they are actually cycads. Other examples of cycads seen in the Florida Botanical Gardens include Cardboard plants and the native Coontie.

Want to learn more about palms and their care in the home landscape?
edis.ifas.ufl.edu/topic_palm_care



Proper Palm Pruning:

www.youtube.com/watch?v=Tt76hXRHB0A



Florida's widely varied environment includes four different growing zones:

Check your zone: <http://planthardiness.ars.usda.gov/PHZMWeb/>

Ornamental Palms of Central Florida:

edis.ifas.ufl.edu/ep020

Ornamental Palms of South Florida:

edis.ifas.ufl.edu/ep009

UF/IFAS Palm Fact Sheets:

hort.ifas.ufl.edu/woody/palm-fact.shtml



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THE FLORIDA BOTANICAL GARDENS

A Pinellas County Government Program

Palm Garden

Self-Guided Tour

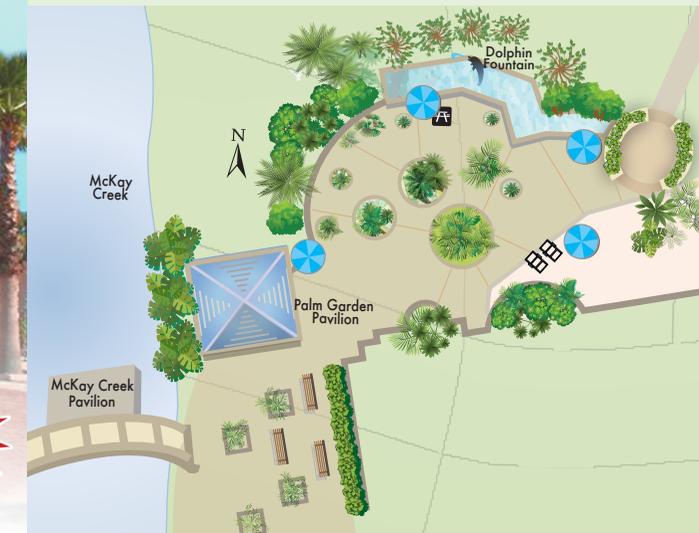


Discover the Natural Wonder

The Palm Garden is a collection of palms of all shapes and sizes. It includes a variety of uncommon palms capable of growing in our West Central Florida climate.

Take a stroll through this beautiful garden and enjoy the wonderful and varied collection of palms, both native and non-native.

Palm species labeled for easy reference.



UF IFAS Extension
 UNIVERSITY OF FLORIDA

FLORIDA MASTER GARDENER

Pinellas County

Palm Species

At the Florida Botanical Gardens Palm Garden

American Oil Palm

Attalea cohune

Native to Mexico/Central America. Single trunked and slow growing. Economic value is from its seed oil and thatch.

Zones 9-11 60'↑ 35'↔



Areca Palm

Dyopsis lutescens

Native to Madagascar. Also known as yellow bamboo palm or golden cane palm. Common in cultivation and frequently seen as a house plant.

Zones 10-11 30'↑ 20'↔



Arikury Palm

Syagrus schizophylla

Native to South America. A small slow growing single-trunked palm. Bears leaf bases that can be seen as a lattice on the trunk. Good outdoor container specimen.

Zones 10-11 12'↑ 6'↔



Bottle Palm

Hyophorbe lagenicaulis

Native to the Mascarene Islands. The shape of its stem resembles a bottle. Sparse crown of fronds – an ideal container specimen.

Zones 10-11 12'↑ 6'↔



Cabada Palm

Dyopsis cabadae

Origin: Madagascar. Attractive clumping palm. Trunks have whitish rings. Trunks and crown shafts are green.

Zones 10-11 30'↑ 15'↔

Caranday Palm

Copernicia alba

Native to South America. Handsome, tall and solitary single-trunked palm. The stiff fronds are covered with wax giving them a bluish color. Its wax is used for lipstick, candles and car polish.

Zones 9-11 30'↑ 10'↔



Cat Palm

Chamaedorea cataractarum

Native to Mexico along cascading waterfalls. Clumping palm with rich glossy green leaves. Good border plant.

Zones 10b-11 8'↑ 8'↔



Christmas Palm

Adonidia merrillii

Native to the Philippines. Single-trunked palm with a seasonal display of red fruit. Often planted in clumps. A popular landscape plant since it is suited to small areas.

Zones 10b-11 25'↑ 8'↔



Clustering Fishtail

Caryota mitis

Native to India and Southeast Asia. Clumping palm that produces a dense mass in the landscape. Suitable for warm temperate areas in partial shade. Also known as the Burmese Fishtail Palm.

Zones 10b-11 25'↑ 15'↔



Coconut Malayan Palm*

Cocos nucifera

Origin: Unknown. Single-trunked palms with an elegant crown of pinnate fronds and large edible fruit. Found in nearly every tropical location.

Zones 10b-11 50'↑ 25'↔

Cretan Date Palm

Phoenix theophrasti

Native to Greece, Ceylon and Turkey. Clumping palm. In Crete, leaves are used in Palm Sunday celebrations.

Zones 8-10 50'↑ 20'↔



Dwarf Sugar Palm

Arenga engleri

Native to Taiwan and Ryukyu Islands. Clustering palm with sugary fruit that can cause severe allergic reactions in the skin. Pinnate leaves are blue-green with a fibrous matted trunk.

Zones 8b-11 10'↑ 15'↔



European Fan Palm

Chamaerops humilis

Native to Southern Europe. Cold tolerant requiring good drainage and full sun. Very widespread in cultivation.

Zones 8-11 15'↑ 20'↔



Fishtail Palm

Caryota urens

Native to India and Asia. Grown for its sugary sap (toddy). Also called Wine Palm, Toddy Palm. Single-trunked with a wide crown of arching bipinnate fronds. Good for wet tropical and subtropical locations.

Zones 9-10 25'↑ 15'↔



Flame Thrower Palm

Chambeyronia macrocarpa

Native to New Caledonia. Throws two to three new leaves a year with colors ranging from deep burgundy to intense pink.

Zones 9-11 25'↑ 12'↔

Foxtail Palm

Wodyetia bifurcata

Native to Australia. The fluffy leaves resemble the tail of a fox. Named after an Aboriginal bushman by the name of Wodyeti.

Zones 10-11 40'↑ 12'↔



Gingerbread Palm

Hyphaene thebaica

Native to Arabia and North Africa. Used to make buttons and as a replacement for ivory. Produces the doum nut, tasting similar to gingerbread.

Zones 10b-11 40'↑ 20'↔



Lady Palm

Rhapis excelsa

Native to Southern China and Taiwan and is a cultivated palm not known in the wild. Small clustering palm for shady landscape.

Zones 9a-11 12'↑ 6'↔



Old Man Palm

Coccothrinax crinita

Native to Cuba. The name comes from the stiff, gray colored hairs on the trunk. This palm is now critically endangered with only 60 – 130 trees left on the island of Cuba.

Zones 10b-11 15'↑ 10'↔



Pacaya Palm

Chamaedorea tepejilote

Native to Southern Mexico, Central America and Columbia. Male inflorescences are edible and resemble an ear of corn in shape and size.

Zones 10b-11 20'↑ 15'↔



Paurotis Palm

Acoelorrhaphe wrightii

Native to moist environments in South Florida, Central America, and the West Indies. Also known as the Everglades Palm. Protected in the Florida Everglades.

Zones 9b-11 40'↑ 20'↔



Pindo Palm

Butia capitata

Native to Argentina, Brazil and Uruguay. The ripe fruit is the size of a cherry. Tastes of apple, pineapple and banana.

Zones 8-10 20'↑ 12'↔



Ponytail Palm

Beaucarnea recurvate

Native to Eastern Mexico. In the agave family; not a true palm. Popular ornamental plant.

Zones 10a-11 15'↑ 15'↔

Pygmy Date Palm

Phoenix roebelenii

Native to the tropical forests of Southeast Asia. Due to its small stature, it is used commonly indoors, on patios and in entryways. High wind tolerance.

Zones 10-11 12'↑ 8'↔



Queen Palm*

Syagrus romanzoffiana

Native to South America. Large cream-colored inflorescences in summer are followed by bright orange fruit. Fruit drop is a major concern.

Zones 9-11 50'↑ 25'↔



Ribbon Fan Palm

Livistona decora (Synonym: *Livistona decipiens*)

Native to Australia. Its leaves split into many segments from the middle of the leaf, looking like ribbons dangling from a hand-held fan.

Zones 9-11 30'↑ 15'↔



Royal Palm

Roystonea regia

Native to South Florida and Cuba. Very tall and stately; best in large landscapes. Also known as *Roystonea elata*.

Zones 10-11 70'↑ 20'↔



Seashore Palm

Allagoptera arenaria

Native to Atlantic coast of Brazil. Very tolerant of beach exposure and salt spray.

Zones 10-11 6'↑ 8'↔

Senegal Date Palm*

Phoenix reclinata

Native to Africa. Clumping palm, invasive and not recommended in the central and south zones in Florida.

Zones 9b-11 40'↑ 30'↔



Spindle Palm

Hyophorbe verschaffeltii

Native to the Mascarene Islands. Unusually spindle-shaped trunk.

Zones 10-11 20'↑ 10'↔



Teddy Bear Palm

Dyopsis leptocheilos

Native to Madagascar. Named for its fuzzy brown crown shaft.

Zones 9b-11 30'↑ 15'↔



Triangle Palm

Dyopsis decaryi

Native to Madagascar. Fronds grow in three distinct rows, creating the shape of a triangle.

Zones 10b-11 30'↑ 12'↔



Wedding Palm

Lytocaryum weddellianum

Native to South America. Ideally suited as a container plant.

Zones 10b-11 12'↑ 5'↔



Windmill Palm

Trachycarpus fortunei

Native to Southeast Asia. Well suited to small spaces. An ideal palm for cold climates.

Zones 8-11 20'↑ 10'↔



Zombie Palm

Zombia antillarum

Native to Hispaniola. Trunks and stems lined with needled spines, therefore best to situate away from areas where people frequent.

Zones 10b-11 12'↑ 10'↔

*Category II Invasive