

# Quercus virginiana



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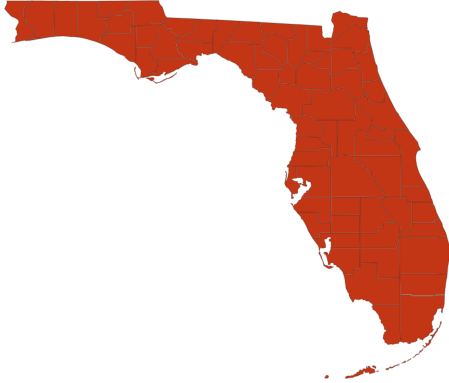
## Live Oak

### Fagaceae

### Plant Specifics

- Size:** 40-80 ft tall by 40-100 ft wide
- Life Span:** Long-lived perennial
- Phenology:** Evergreen. Inconspicuous blooms in spring; win pollinated. Acorns ripening the same year in fall. Life span 300+ years.
- Habitats:** Tropical rockland hammock, pine rockland in fire suppressed areas and near tropical rockland hammock, upper edges of floodplains, margins ponds and lakes, levees and second bottoms, secondary woods, roadsides, mesic to dry mesic hammock.

### Natural Range in Florida



### USDA Zones

Suitable to grow in:



### Landscaping

- Recommended Uses:** Large specimen tree or shade tree.
- Light:** ☀ Full Sun, ☁ Part Shade, ☷ Shade
- Moisture Tolerance:** Usually moist, occasional inundation ----- to - Very long very dry periods
- Salt Water Flooding Tolerance:** Tolerant of occasional/brief inundation such ; can occur in storm surges.
- Salt Spray Tolerance:** Moderate. Tolerant of salty wind and may ge some salt spray. Exposure to salt spray would be uncommon (major storms).
- Soil/Substrate:** Loam, Sand



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## Wildlife



Acorns provide a good food source for many types of birds and mammals.

Good nesting habitat for birds and squirrels. The acorns low in tannins.

Hummingbirds are attracted to and eat live oak pollen

Larval host plant for Horace's duskywing (*Erynnis horatius*), red-banded hairstreak (*Calycopis cecrops*) and white-M hairstreak (*Parrhasius m-album*) butterflies;

Possible larval host for Juvenal's duskywing (*Erynnis juvenalis*) and oak hairstreak (*Fixsenia favonius*) butterflies.