

## Volusia County Environmental Management Acceptable Alternative Tree Replacement List

The species from the following list are considered acceptable alternative species for replacement of trees on development sites where replacement of like species is not possible or desirable. All tree must be Florida Fancy or Florida #1 Grade with a 2” minimum caliper. \*Please note: any multi-trunked tree must have at least one of the trunks meet the 2” caliper minimum requirement.

Scientific Name	Common Name
<i>Acer negundo</i>	Boxelder
<i>Acer rubrum</i>	Red maple
<i>Aesculus pavia</i>	Red buckeye
<i>Aralia spinosa</i>	Devil's walking stick
<i>Avicennia germinans</i>	Black mangrove
<i>Betula nigra</i>	River birch
<i>Carpinus caroliniana</i>	Hornbeam
<i>Carya aquatica</i>	Water hickory
<i>Carya floridana</i>	Scrub hickory
<i>Carya glabra</i>	Pignut hickory
<i>Carya illinoensis</i>	Pecan
<i>Celtis laevigata</i>	Sugarberry
<i>Cercis canadensis</i>	Redbud
<i>Chamaecyparis thyoides</i>	Atlantic white cedar
<i>Chionanthus virginicus</i>	Fringe tree
<i>Conocarpus erectus</i>	Buttonwood
<i>Cornus florida</i>	Dogwood
<i>Cornus foemina</i>	Swamp dogwood
<i>Crataegus flava</i>	Summer haw
<i>Crataegus marshallii</i>	Parsley haw
<i>Diospyros virginiana</i>	Common persimmon
<i>Fraxinus americana</i>	White ash
<i>Fraxinus caroliniana</i>	Pop ash
<i>Fraxinus pennsylvanica</i>	Green ash
<i>Gleditsia aquatica</i>	Water-locust
<i>Gordonia lasianthus</i>	Loblolly bay
<i>Ilex attenuata</i>	East Palatka holly
<i>Ilex cassine</i>	Dahoon holly
<i>Ilex opaca</i>	American holly
<i>Ilex vomitoria</i>	Yaupon holly
<i>Juniperus silicicola</i>	Southern red cedar
<i>Laguncularia racemosa</i>	White mangrove
<i>Liquidambar styraciflua</i>	Sweet gum
<i>Liriodendron tulipifera</i>	Tulip tree
<i>Lyonia ferruginea</i>	Rusty lyonia
<i>Lyonia fruticosa</i>	Staggerbush

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<b>Scientific Name</b>	<b>Common Name</b>
<i>Magnolia grandiflora</i>	Southern magnolia
<i>Magnolia virginiana</i>	Sweetbay magnolia
<i>Morus rubra</i>	Red mulberry
<i>Nyssa aquatica</i>	Water tupelo
<i>Nyssa sylvatica var. biflora</i>	Swamp tupelo
<i>Osmanthus americanus</i>	Devilwood
<i>Osmanthus megacarpus</i>	Scrub devilwood
<i>Ostrya virginiana</i>	Hophornbeam
<i>Persea humilis</i>	Silkbay
<i>Persea palustris</i>	Swamp bay
<i>Pinus clausa</i>	Sand pine
<i>Pinus elliottii</i>	Slash pine
<i>Pinus elliottii var. densa</i>	North Florida slash pine
<i>Pinus palustris</i>	Longleaf pine
<i>Pinus serotina</i>	Pond pine
<i>Pinus taeda</i>	Loblolly pine
<i>Plantanus occidentalis</i>	American sycamore
<i>Prunus angustifolia</i>	Chickasaw plum
<i>Prunus caroliniana</i>	Cherry laurel
<i>Prunus serotina</i>	Black cherry
<i>Prunus umbellata</i>	Flatwoods plum
<i>Quercus chapmanii</i>	Chapman oak
<i>Quercus geminata</i>	Sand live oak
<i>Quercus laevis</i>	Turkey oak
<i>Quercus laurifolia</i>	Laurel oak
<i>Quercus michauxii</i>	Chestnut oak
<i>Quercus myrtifolia</i>	Myrtle oak
<i>Quercus nigra</i>	Water oak
<i>Quercus shumardii</i>	Shumard oak
<i>Quercus virginiana</i>	Live oak
<i>Rhizophora mangle</i>	Red mangrove
<i>Salix caroliniana</i>	Coastal plain willow
<i>Sapindus saponaria</i>	Soapberry
<i>Styrax americanus</i>	Snowbell
<i>Taxodium ascendens</i>	Pond cypress
<i>Taxodium distichum</i>	Bald cypress
<i>Tilia caroliniana</i>	Basswood
<i>Ulmus alata</i>	Winged elm
<i>Ulmus americana</i>	Florida elm
<i>Zanthoxylum clava-herculis</i>	Hercules' club

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These trees may not comprise more than 25% of the total required replacement for the site.

<i>Elaeocarpus decipens</i>	Japanese blueberry
<i>Eriobotrya japonica</i>	Loquat
<i>Lagerstroemia indica</i>	Crape-myrtle
<i>Ligustrum japonicum</i>	Ligustrum
<i>Myrica cerifera</i>	Wax myrtle
<i>Sabal palmetto</i>	Cabbage palm
<i>Ulmus parvifolia</i>	Chinese elm