

# City of Valdosta Land Development Regulations

## Appendix A

### City of Valdosta Permitted, Protected and Prohibited Tree and Plant Guide

# City of Valdosta Land Development Regulations

## Appendix A

### City of Valdosta Permitted, Protected and Prohibited Tree and Plant Guide

#### Section 1. Small Trees

##### Small Trees - 15 to 30 Feet in Height at Maturity

Credit	<i>Botanical Name</i> Common Name	Evergreen (E) or Deciduous (D)	Habit or Growth Form
2	<i>Acer buergerianum</i> Trident Maple	D Yellow-red fall color	Oval – rounded
1	<i>Acer palmatum</i> <sup>2</sup> Japanese Maple	D Bronze-purple fall color	Oval – rounded
1	<i>Butia capitata</i> Pindo Palm	E Long arching fronds	Columnar
1	<i>Cercis canadensis</i> <sup>1,2</sup> Eastern Rebud	D Flowers before leaves appear	Irregular crown
1	<i>Chionanthus virginicus</i> <sup>1</sup> Fringe Tree	D Flowers before leaves appear	Open-rounded crown
2	<i>Cornus florida</i> <sup>1,2</sup> Flowering Dogwood	D Flowers before leaves appear	Spreading layered crown
1	<i>Crataegus uniflora</i> <sup>1</sup> Hawthorn	D Thorny branches	Irregular crown
1	<i>Eriobotrya japonica</i> Loquat	E Large edible fruits	Rounded crown
2	<i>Halesia diptera</i> <sup>1</sup> <i>Halesia diptera</i> var. <i>magniflora</i> Two-wing Silverbell	D Showy white flowers	Irregular crown
2	<i>Halesia carolina</i> <sup>1</sup> Carolina Silverbell	D Showy white flowers	Irregular crown
1	<i>Ilex latifolia</i> Lusterleaf holly	E Large leaves, bold texture	Irregular crown
1	<i>Ilex myrtifolia</i> Myrtle Dahoon	E Small, spiny leaves, berries	Columnar
1	<i>Ilex vomitoria</i> <sup>1</sup> Yaupon Holly	E Small, spineless leaves	Irregular crown
2	<i>Ilex X attenuata</i> <sup>2</sup> Foster, Savannah, and Nellie R. Stevens	E Abundant red berries in fall	Densely pyramidal
1	<i>Illicium parviflorum</i> <sup>1</sup> Anise Tree	E Tolerates wet sites, good dense hedge	Irregular crown

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Credit	<i>Botanical Name</i> Common Name	Evergreen (E) or Deciduous (D)	Habit or Growth Form
0.5	<i>Lagerstroemia indica</i> <sup>2</sup> Crape Myrtle (Standard)	D Showy flowers in summer	Irregular crown
1	<i>Magnolia grandiflora</i> Little Gem	E Early flowering, small leaves	Multistem, shrub-like
2	<i>Magnolia X soulangeana</i> <sup>2</sup> Japanese Saucer Magnolia	D Large flowers before leaves	Low branched, irregular crown
2	<i>Malus</i> <sup>2</sup> Flowering Crabapples	D Profusion of fragrant, showy flowers	Rounded crown
1	<i>Osmanthus americanus</i> <sup>1</sup> American Wild Olive	E Flowers fragrant, early	Irregular crown
2	<i>Ostrya virginiana</i> <sup>1</sup> Eastern Hornbeam	D Exfoliating bark	Graceful, rounded crown
0.5	<i>Prunus campanulata</i> <i>Okame</i> or other varieties Flowering Cherry	D Profusion of showy flowers	Elliptic-rounded crown
1	<i>Sabal palmetto</i> <sup>1</sup> Cabbage or Sabal Palm	E Tight clustered fan-shaped fronds	Columnar
1	<i>Trachycarpus fourtunei</i> Windmill Palm	E Good palm for small gardens and courtyards	Columnar

<sup>1</sup>Native Species

<sup>2</sup> Many cultivars are available locally, adapted ones should be planted.

### References:

Dirr, Michael A. 1998. Manual of Woody Landscape Plants: Their Identification, Ornamental Characteristics, Culture, Propagation and Uses. Stipes Publishing Company, Champaign.

Godfrey, Robert K. 1988. Trees, Shrubs, and Woody Vines of Northern Florida and Adjacent Georgia and Alabama. University of Georgia Press, Athens.

Martin, Edward C., Jr. 1983. A Photographic Guide Landscape Plants in Design. AVI Publishing Company, Westport.

Weatherly, F. Neal, Jr., Hudson, Horace E., Gibson, John D., and Coder, Kim D. 1989. Treescape: A Citizen's Guide to Urban Tree Planting. Georgia Cooperative Extension Service Bulletin 853. University of Georgia College of Agriculture, Athens.

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## Section 2. Canopy Trees

### Canopy Trees - 30 to 45 Feet in Height at Maturity

Credit	<i>Botanical Name</i> Common Name	Evergreen (E) or Deciduous (D)	Habit or Growth Form
2	<i>Acer barbatum</i> 1 Florida Maple	D Dead leaves persist into water	Elliptic-rounded
2	<i>Acer rubrum</i> 1, 2 Red Maple	D Yellow-red fall color	Pyramidal-elliptic crown
1	<i>Acer saccharinum</i> Silver Maple	D Brittle, weak wood	See Red Maple
1	<i>Betula nigra</i> 1 River Birch	D Good bark texture	Pyramidal with delicate branching
0.5	<i>Carya illinoensis</i> Pecan	D Brittle, weak wood	Open, irregular crown
2	<i>Carya glabra</i> 1 Pignut Hickory	D Shade tolerant	Open, oval crown
2	<i>Carya tomentosa</i> 1 Mockernut Hickory	D Prefers full sun	Open, oval crown
0.5	<i>Catalpa bignonioides</i> 1 Southern Catalpa	D Purple flowers in spring	Open, oval crown
1	<i>Celtis laevigata</i> 1 Sugarberry	D Tolerates drought	Spreading crown
0.5	<i>Cunninghamia lanceolata</i> China-fir	E Stiff needle-like foliage	Pyramidal
1	<i>Cupressus glabra</i> Arizona-cypress	E Gray-green-scale-like foliage	Pyramidal
2	<i>Fagus grandifolia</i> 1 American Beech	D Yellow-brown fall color	Stately wide spreading crown
1	<i>Fraxinus americana</i> 1, 2 White Ash	D Very adaptable	Irregular crown
1	<i>Fraxinus pennsylvanica</i> 1, 2 Green Ash	D Very adaptable	Irregular crown
2	<i>Ginkgo biloba</i> 2 Maidenhair Tree	D Yellow fall color, drops leaves quickly	Open pyramidal
1	<i>Gleditsia triacanthos</i> 1 Honey Locust	D Thorny branches, thorn less cultivars	Open spreading crown
1	<i>Gordonia lasianthus</i> 1 Loblolly-bay	E Tolerates wet sites	Pyramidal

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Credit	<i>Botanical Name</i> Common Name	Evergreen (E) or Deciduous (D)	Habit or Growth Form
1	<i>Ilex opaca</i> 1, 2 American Holly	E Cultivars highly variable	Pyramidal-elliptic crown
1	<i>Juniperus virginiana</i> 1, 2 Eastern Red Cedar	E Tolerates adverse conditions	Densely pyramidal
1	<i>Liquidambar styraciflua</i> 1 American Sweetgum	D Five-lobed leaves, good fall color	Pyramidal when young
2	<i>Liriodendron tulipifera</i> 1 Yellow Poplar	D Showy, tulip-like flowers	Pyramidal when young, overtops
2	<i>Magnolia grandiflora</i> 1, 2 Southern Magnolia	E Showy, fragrant flowers	Densely pyramidal crown
1	<i>Magnolia virginiana</i> 1 Sweetbay Magnolia	E Showy, fragrant flowers, tolerant of wet soils	Narrowly pyramidal crown
1	<i>Metasequoia glyptostroboides</i> Dawn Redwood	D Red-brown fall color	Pyramidal when young, overtops
2	<i>Nyssa sylvatica</i> 1 Blackgum	D Tolerates drier sites	Tapering-rounded crown
1	<i>Oxydendrum arboreum</i> 1 Sourwood	D Summer flowering, red-purple fall color	Pyramidal
1	<i>Pinus echinata</i> 1 Shortleaf Pine	E Persistent cones	Open pyramidal
1	<i>Pinus elliotii</i> 1 Slash Pine	E Sheds cones yearly	Pyramidal when young, overtops
1	<i>Pinus glabra</i> 1 Spruce Pine	E Persistent cones	Pyramidal when young, overtops
2	<i>Pinus palustris</i> 1 Longleaf Pine	E Sheds cones yearly	Open sparsely branched
1	<i>Pinus taeda</i> 1 Loblolly Pine	E Persistent cones	Pyramidal when young, overtops
1	<i>Pistacia chinensis</i> Chinese Pistachio	D Orange-crimson fall color	Oval-rounded crown
1	<i>Platanus occidentalis</i> 1 Sycamore	D Susceptible to blight	Irregular, open crown
2	<i>Quercus alba</i> 1 White Oak	D Stately	Pyramidal when young, overtops
2	<i>Quercus laurifolia</i> 1 Laurel Oak	D Tolerates dry conditions	Broad oval crown
2	<i>Quercus lyrata</i> 1 Overcup Oak	D Tolerates flooding	Oval-rounded crown

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Credit	<i>Botanical Name</i> Common Name	Evergreen (E) or Deciduous (D)	Habit or Growth Form
2	<i>Quercus michauxii</i> 1 Swamp Chestnut Oak	D Stately with large lobed leaves	Oval-rounded crown
2	<i>Quercus phellos</i> 1 Willow Oak	D Narrow fine-textured leaves	Pyramidal when young, overtops
2	<i>Quercus shumardii</i> 1 Shumard Oak	D Large toothed leaves	Spreading crown
1	<i>Quercus stellata</i> 1 Post Oak	D Coarse lobed leaves	Spreading crown
1	<i>Quercus velutina</i> 1 Black Oak	D Tolerates clay soils	Spreading crown
3	<i>Quercus virginiana</i> 1 Live Oak	E Short trunk, needs plenty of room	Spreading crown
1	<i>Sassafras albidum</i> 1 Sassafras	D Good fall color, root sprouts	Irregular crown
1	<i>Taxodium ascendens</i> 1 <i>Taxodium distichum</i> var. <i>imbricarium</i> Pond Cypress	D Tolerates upland sites Cinnamon fall color	Pyramidal when young, overtops
1	<i>Taxodium distichum</i> 1 <i>Taxodium distichum</i> var. <i>distichum</i> Bald Cypress	D Tolerates upland sites Cinnamon fall color	Pyramidal when young, overtops
1	<i>Ulmus alata</i> 1 Winged Elm	D Twigs with flat corky extensions	Weakly pyramidal crown
1	<i>Ulmus americana</i> 1 American Elm	D Select cultivars resistant to disease	Spreading-rounded crown
1	<i>Ulmus parvifolia</i> Ailee Ailee Elm	D Interesting, exfoliating bark, good Chinese elm	Vase like, upright
1	<i>Ulmus parvifolia</i> Bosque Elm	D Exfoliating Bark	Form similar to Red Maple
1	<i>Ulmus parvifolia</i> Athena Chinese Elm	D Interesting, exfoliating bark	Rounded crown
1	<i>Ulmus parvifolia</i> Drake Drake Elm	D Exfoliating bark, width and height about equal	Rounded crown

<sup>1</sup>Native Species

<sup>2</sup> Many cultivars are available locally, adapted ones should be planted.

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## Section 3. Canopy Trees Permitted within 20 – 30 Feet of Overhead Utility Lines

### Canopy Trees Permitted within 20 to 30 Feet of Overhead Utility Lines

Botanical Name	Common Name
<i>Cupressus arizonica</i>	Arizona-Cypress
<i>Ilex opaca</i>	American Holly
<i>Juniperus virginiana</i>	Eastern Red Cedar
<i>Metasequoia glyptostroboides</i>	Dawn Redwood
<i>Nyssa sylvatica</i>	Blackgum
<i>Pinus echinata</i>	Shortleaf Pine
<i>Pinus elliotii</i>	Slash Pine
<i>Pinus glabra</i>	Spruce Pine
<i>Pinus palustris</i>	Longleaf Pine
<i>Pinus taeda</i>	Loblolly Pine
<i>Pistacia chinensis</i>	Chinese Pistachio
<i>Sassafras albidum</i>	Common Sassafras
<i>Taxodium ascendens</i>	Pond Cypress
<i>Taxodium distichum</i> var. <i>imbricarium</i>	
<i>Taxodium distichum</i>	Bald Cypress
<i>Taxodium distichum</i> var. <i>distichum</i>	

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## Section 4. Prohibited Plants

Certain exotic plant species are known to be invasive, displacing native vegetation and diminishing biodiversity and the quality of habitat for variety of life forms, including songbirds and other animals. The exotic plant pest species listed in Section 4 are prohibited and their eradication is to be encouraged.

Top Ten Exotic Pest Plants in Georgia	
Common Name	Scientific Name
Kudzu	<i>Pueraria montana</i> (Lour.) Merr.
Chinese privet	<i>Ligustrum sinense</i> Lour.
Japanese honeysuckle	<i>Lonicera japonica</i> Thunb.
Hydrilla	<i>Hydrilla verticillata</i> (L. f.) Royle
Chinese tallow tree	<i>Triadica sebifera</i> (L.) Small [ <i>Sapium sebiferum</i> (L.) Roxb.]
Napalese browntop	<i>Microstegium vimineum</i> (Trin.) A. Camus
Bamboo	<i>Phyllostachys aurea</i> Carr. ex A. & C. Rivière
Autumn olive (silverberry)	<i>Elaeagnus umbellata</i> Thunb.
Chinese wisteria	<i>Wisteria sinensis</i> (Sims) DC.
Mimosa	<i>Albizia julibrissin</i> Durazz.



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<b>Other Important Exotic Pest Plants</b>	
<b>Common Name</b>	<b>Scientific Name</b>
Alligatorweed	<i>Alternanthera philoxeroides</i>
Benghal dayflower	<i>Commelina benghalensis</i>
Bermudagrass, common	<i>Cynodon dactylon</i>
Cogongrass	<i>Imperata cylindrica</i>
Chinaberry	<i>Melia azedarach</i>
Chinese silvergrass (zebragrass)	<i>Miscanthus sinensis</i>
Common broomrape	<i>Orobanche minor</i>
English ivy	<i>Hedera helix</i>
French tamarix (salt-cedar)	<i>Tamarix gallica</i>
Giant reed	<i>Arundo donax</i>
Itchgrass	<i>Rottboellia cochinchinensis</i>
Japanese climbing fern	<i>Lygodium japonicum</i>
Japanese knotweed	<i>Polygonum cuspidatum</i>
Johnsongrass	<i>Sorghum halepense</i>
Lespedeza, bicolor	<i>Lespedeza bicolor</i>
Lespedeza, sericea	<i>Lespedeza cuneata</i>
Multiflora rose	<i>Rosa multiflora</i>
Musk thistle	<i>Carduus nutans</i>
Nandina*	<i>Nandina domestica</i> *
Parrotfeather	<i>Myriophyllum aquaticum</i>
Phragmites (common reed)	<i>Phragmites australis</i>
Paulownia (Princess-tree, Empress-tree)	<i>Paulownia tomentosa</i>
Privet, Waxleaf	<i>Ligustrum lucidum</i>
Queen Anne's Lace (Wild carrot)	<i>Daucus carota</i>
Rattlebush (rattlebox)	<i>Sesbania punicea</i>
Salvinia, giant	<i>Salvinia molesta</i>
Salvinia,	<i>Salvinia auriculata</i>
Salvinia	<i>Salvinia biloba</i>
Salvinia	<i>Salvinia herzogii</i>
Tall fescue	<i>Festuca arundinacea</i>
Tall vervain	<i>Verbena bonariensis</i>
Torpedograss	<i>Panicum repens</i>
Tropical soda apple	<i>Solanum viarum</i>
Virginia Creeper	<i>Parthenocissus quinquefolia</i>
Water hyacinth	<i>Eichornia crassipes</i>
Wintercreeper	<i>Euonymus fortunei</i>

\*Dwarfs allowed.

**References:** <http://www.gaeppc.org/exotalk1.html>  
<http://www.gaeppc.org/moreinfo.html>