

City of Valdosta Land Development Regulations

Appendix A

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

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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	Botanical Name (Common Name)	Evergreen (E) or Deciduous (D)	Habit or Growth Form	Mature Height of Planting (ft)
2	<i>Acer buergerianum</i> (Trident Maple)	(D) Yellow-red fall color	Oval - rounded	30
1	<i>Acer palmatum</i> (Japanese Maple)	(D) Bronze-purple fall color	Oval - rounded	20
1	<i>Butia capitata</i> (Pindo Palm)	(E) Long arching fronds	Columnar	25
1	<i>Cercis canadensis</i> (Eastern Redbud)	(D) Flowers before leaves appear	Irregular crown	30
1	<i>Chionanthus virginicus</i> (Fringe Tree)	(D) Flowers before leaves appear	Open-rounded crown	20
2	<i>Cornus florida</i> (Flowering Dogwood)	(D) Flowers before leaves appear	Spreading layered crown	20
1	<i>Crataegus uniflora</i> (Hawthorn)	(D) Thorny branches	Irregular crown	30
1	<i>Eriobotrya japonica</i> (Loquat)	(E) Large edible fruits	Rounded crown	20
2	<i>Halesia diptera</i> (Two-wing Silverbell)	(D) Showy white flowers	Irregular crown	20
2	<i>Halesia carolina</i> (Caroline Silverbell)	(D) Showy white flowers	Irregular crown	30
1	<i>Ilex latifolia</i> (Lusterleaf Holly)	(E) Large leaves, bold texture	Irregular crown	25
1	<i>Ilex myrtifolia</i> (Myrtle Dahoon)	(E) Small, spiny leaves, berries	Columnar	25
1	<i>Ilex vomitoria</i> (Yaupon Holly)	(E) Small, spineless leaves	Irregular crown	20
2	<i>Ilex X attenuata</i> (Foster, Savannah, and Nellie R. Stevens)	(E) Abundant red berries in fall	Densely pyramidal	25
1	<i>Illicium parviflorum</i> (Anise Tree)	(E) Tolerates wet sites, good dense hedge	Irregular crown	20

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Credit	Botanical Name (Common Name)	Evergreen (E) or Deciduous (D)	Habit or Growth Form	Mature Height of Planting (ft)
0.5	<i>Lagerstroemia indica</i> (Crape Myrtle)	(D) Showy flowers in summer	Irregular crown	20
1	<i>Magnolia grandiflora</i> (Little Gem Magnolia)	(E) Early flowering, small leaves	Multistem, shrub-like	20
2	<i>Magnolia X soulageana</i> (Japanese Saucer Magnolia)	(D) Large flowers before leaves	Low branched, irregular crown	15
2	<i>Malus</i> (Flowering Crabapples)	(D) Profusion of fragrant, showy flowers	Rounded crown	20
1	<i>Osmanthus americanus</i> (American Wild Olive)	(E) Flowers fragrant, early	Irregular crown	15
2	<i>Ostrya virginiana</i> (Eastern Hornbeam)	(D) Exfoliating bark	Graceful, rounded crown	30
0.5	<i>Prunus campanulata</i> Okama (Flowering Cherry)	(D) Profusion of showy flowers	Elliptic-rounded crown	15
1	<i>Sabal palmetto</i> (Sabal Palm)	(E) Tight clustered fan-shaped fronds	Columnar	30
1	<i>Trachycarpus fortunei</i> (Windmill Palm)	(E) Good palm for small gardens and courtyards	Columnar	20

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	Botanical Name (Common Name)	Evergreen (E) or Deciduous (D)	Habit or Growth Form	Mature Height of Planting (ft)
2	<i>Acer barbatum</i> (Florida Maple)	(D) Dead leaves persist into water	Elliptic-rounded	30
2	<i>Acer rubrum</i> (Red Maple)	(D) Yellow-red fall color	Pyramidal-elliptic crown	30
1	<i>Acer saccharinum</i> (Silver Maple)	(D) Brittle, weak wood	See Red Maple	30
0.5	<i>Betula nigra</i> (River Birch)	(D) Good bark texture	Pyramidal with delicate branching	40
0.5	<i>Carya illinoensis</i> (Pecan)	(D) Brittle, weak wood	Open, irregular crown	45
2	<i>Carya glabra</i> (Pignut Hickory)	(D) Shade tolerant	Open, oval crown	45
2	<i>Carya tomentosa</i> (Mockernut Hickory)	(D) Prefers full sun	Open, oval crown	45
0.5	<i>Catalpa bignonioides</i> (Southern Catalpa)	(D) Purple flowers in spring	Open, oval crown	40
1	<i>Celtis laevigata</i> (Sugarberry)	(D) Tolerates drought	Spreading crown	40
0.5	<i>Cunninghamia lanceolata</i> (China-fir)	(E) Stiff needle-like foliage	Pyramidal	45
0.5	<i>Cupressus glabra</i> (Arizona-cypress)	(E) Gray-green-scale-like foliage	Pyramidal	45
2	<i>Fagus grandifolia</i> (American Beech)	(D) Yellow-brown fall color	Stately wide spreading crown	45
1	<i>Fraxinus americana</i> (White Ash)	(D) Very adaptable	Irregular crown	40
1	<i>Fraxinus pennsylvanica</i> (Green Ash)	(D) Very adaptable	Irregular crown	40
2	<i>Ginkgo biloba</i> (Maidenhair Tree)	(D) Yellow fall color, drops leaves quickly	Open pyramidal	45
1	<i>Gleditsia triacanthos</i> (Honey Locust)	(D) Thorny branches, thorn less cultivars	Open spreading crown	45
1	<i>Gordonia lasianthus</i> (Loblolly-bay)	(E) Tolerates wet sites	Pyramidal	45

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Credit	Botanical Name (Common Name)	Evergreen (E) or Deciduous (D)	Habit or Growth Form	Mature Height of Planting (ft)
1	<i>Ilex opaca</i> (American Holly)	(E) Cultivars highly variable	Pyramidal-elliptic crown	30
1	<i>Juniperus virginiana</i> (Eastern Redbud Cedar)	(E) Tolerates adverse conditions	Densely pyramidal	40
1	<i>Liquidambar styraciflua</i> (American Sweetgum)	(D) Five-lobed leaves, good fall color	Pyramidal when young	45
1	<i>Liriodendron tulipifera</i> (Yellow Poplar)	(D) Showy, tulip-like flowers	Pyramidal when young, overtops	45
2	<i>Magnolia grandiflora</i> (Southern Magnolia)	(E) Showy, fragrant flowers	Densely pyramidal	45
1	<i>Magnolia virginiana</i> (Sweetbay Magnolia)	(E) Showy, fragrant flowers, tolerant of wet soils	Narrowly pyramidal crown	40
1	<i>Metasequoia glyptostroboides</i> (Dawn Redwood)	(D) Red-brown fall colors	Pyramidal when young, overtops	45
2	<i>Nyssa sylvatica</i> (Blackgum)	(D) Tolerate drier sites	Tapering-rounded crown	45
1	<i>Oxydendrum arboreum</i> (Sourwood)	(D) Summer flowering, re-purple fall color	Pyramidal	40
1	<i>Pinus echinata</i> (Shortleaf Pine)	(E) Persistent cones	Open pyramidal	100
1	<i>Pinus elliotii</i> (Slash Pine)	(E) Sheds cones yearly	Pyramidal when young, overtops	100
1	<i>Pinus glabra</i> (Spruce Pine)	(E) Persistent cones	Pyramidal when young, overtops	70
2	<i>Pinus palustris</i> (Longleaf Pine)	(E) Sheds cones yearly	Open sparsely branched	100
1	<i>Pinus taeda</i> (Loblolly Pine)	(E) Persistent cones	Pyramidal when young, overtops	100
1	<i>Pistacia chinensis</i> (Chinese Pistachio)	(D) Orange-crimson fall color	Oval-rounded crown	35
1	<i>Platanus occidentalis</i> (Sycamore)	(D) Susceptible to blight	Irregular, open crown	50
2	<i>Quercus alba</i> (White Oak)	(D) Stately	Pyramidal when young, overtops	50
2	<i>Quercus laurifolia</i> (Laurel Oak)	(D) Tolerate dry conditions	Broad oval crown	50
2	<i>Quercus lyrata</i> (Overcup Oak)	(D) Tolerates flooding	Oval-rounded crown	50

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Credit	Botanical Name (Common Name)	Evergreen (E) or Deciduous (D)	Habit or Growth Form	Mature Height of Planting (ft)
2	<i>Quercus michauxii</i> (Swamp Chestnut Oak)	(D) Stately with large lobed leaves	Oval-rounded crown	60
2	<i>Quercus phellos</i> (Willow Oak)	(D) Narrow fine textured leaves	Pyramidal when young, overtops	60
2	<i>Quercus shumardii</i> (Shumard Oak)	(D) Large toothed leaves	Spreading crown	60
1	<i>Quercus stellata</i> (Post Oak)	(D) Coarse lobed leaves	Spreading crown	60
1	<i>Quercus velutina</i> (Black Oak)	(D) Tolerates clay soils	Spreading crown	60
3	<i>Quercus virginiana</i> (Live Oak)	(E) Short trunk, needs plenty of room	Spreading crown	60
1	<i>Sassafras albidum</i> (Sassafras)	(D) Good fall color, root sprouts	Irregular crown	60
1	<i>Taxodium ascendens</i> Taxodium distichum var. imbricarium (Pond Cypress)	(D) Tolerates upland sites, Cinnamon fall color	Pyramidal when young, overtops	100
1	<i>Taxodium distichum</i> Taxodium distichum var. distichum (Bald Cypress)	(D) Tolerates upland sites, Cinnamon fall color	Pyramidal when young, overtops	100
1	<i>Ulmus alata</i> (Winged Elm)	(D) Twigs with flat corky extensions	Weakly pyramidal crown	50
1	<i>Ulmus americana</i> (American Elm)	(D) Select cultivars resistant to disease	Spreading-rounded crown	75
1	<i>Ulmus parvifolia Ailee</i> (Ailee Elm)	(D) Interesting, exfoliating bark, good Chinese elm	Vase-like, upright	60
1	<i>Ulmus parvifolia</i> (Bosque Elm)	(D) Exfoliating bark	Form similar to Red Maple	60
1	<i>Ulmus parvifolia Athena</i> (Chinese Elm)	(D) Interesting, exfoliating bark	Rounded crown	40
1	<i>Ulmus parvifolia Drake</i> (Drake Elm)	(D) Exfoliating bark, width & height about equal	Rounded crown	40

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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 elliottii</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> <i>Taxodium distichum</i> var. <i>imbricarium</i>	Pond Cypress
<i>Taxodium distichum</i> <i>Taxodium distichum</i> var. <i>distichum</i>	Bald Cypress

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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
Kudzo	<i>Pueraria montana (Lour.) Merr.</i>
Chinese privet	<i>Ligustrum sinense Lour.</i>
Japanese honeysuckle	<i>Lonicera japonica Thunb.</i>
Hydrilla	<i>Hydrilla verticillata (L.f.) Royle</i>
Chinese tallow tree	<i>Triadica sebifera (L.) Small [Sapium sebiferum (L.) Roxb.]</i>
Napalese browntop	<i>Microstegium vimineum (Trin.) A. Camus</i>
Bamboo	<i>Phyllostachys aurea Carr. Ex. A. & C. Riviere</i>
Autumn olive (silverberry)	<i>Elaeagnus umbrellata Thunb.</i>
Chinese Wisteria	<i>Wisteria sinensis (Sims) DC.</i>
Mimosa	<i>Albizia julibrissin Durazz.</i>

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Other Important Exotic Pest Plants	
Common Name	Scientific Name
Alligatorweed	<i>Alternanthera philoxeroides</i>
Benghal dayflower	<i>Commelina benghalensis</i>
Bermudagrass, common	<i>Cynodon dactylon</i>
Congograss	<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 cochinchensis</i>
Japanese climbing fern	<i>Lygodium japonicum</i>
Japanese knotweed	<i>Polygonum cuspidatum</i>
Johnsongrass	<i>Sorghum halepense</i>
Lespedez, bicolor	<i>Lespedeza bicolor</i>
Lespedez, 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>
Pivot, 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>
Tell 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>
* draws allowed	

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