

Appendix A

A Listing of Tree Species

Recommended for the high humidity and temperatures characteristic of U.S.D.A. planting zones 8 and 9 in the Valdosta, Georgia area.

SMALL TREES

15 - 25 Feet in Height at Maturity

Botanical Name	Evergreen (E)	Habit or Growth
Common Name	Deciduous (D)	Form
<i>Acer sellowiana</i>	D Red/purple fall color	More upright than trident maple
<i>Acer buergeranum</i>	D Yellow-red fall color	Oval-rounded
Trident Maple		
<i>Acer palmatum</i> ²	D Bronze-purple fall color	Oval-rounded
Japanese Maple		
<i>Aesculus pavia</i> ¹	D Palmately compound leaves	Weakly branched
Red Buckeye		
<i>Amelanchier arborea</i> ¹	D Flower clusters appear	Irregular crown
Serviceberry		with leaves
<i>Bumelia species</i> ¹	D Thorny branches	Open irregular crown
Buckthorns		
<i>Butia capitata</i>	E Long arching fronds	Columnar
Pindo Palm		
<i>Cercis canadensis</i> ^{1,2}	D Flowers before leaves appear	Irregular crown
Eastern Redbud		
<i>Chionanthus retusus</i>	D White flowers appear 1 week after dogwoods.	Irregular crown
Fringe Tree		
<i>Chionanthus virginicus</i> ¹	D Flowers before leaves appear	Open-rounded crown
Fringe Tree		

1 - Native species 2 - Many cultivars are available, locally adapted ones should be planted
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Botanical Name	Evergreen (E) Remarks	Habit or Growth Form
Common Name(s)	Deciduous (D)	
<i>Cornus florida</i> ^{1,2}	D Flowers before leaves appear	Spreading layered crown
Flowering Dogwood		
<i>Crataegus unifolia</i> ¹	D Thorny branches	Irregular crown
Hawthorn		
<i>Eriobotrya japonica</i>	E Large edible fruits	Rounded crown
Loquat		
<i>Firmiania simplex</i>	D Large leaves, showy fruits	Rounded crown, sparse branching
Parasol Tree		
<i>Halesia diptera</i> ¹	D Prefers shade	Irregular crown shrub-like
Silverbell		
<i>Hammamelis virginiana</i> ¹	D Flowers in fall	Irregular crown
Witchhazel	shrub-like	
<i>Ilex X attenuata</i> ²	E Abundant red berries in fall	Densely pyramidal
<i>Ilex cornuta</i> ²	E	Irregular crown
Chinese Holly		
<i>Ilex cassine</i> ¹	E Coarse, spinless leaves	Irregular crown
Dahoon Holly		
<i>Ilex latifolia</i>	E Large leaves, bold texture	Irregular crown
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<i>Ilex vomitoria</i> ¹	E Small, spinless leaves	Irregular crown
Youpon Holly		

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Botanical Name	Evergreen (E) Remarks	Habit or Growth
Common Name(s)	Deciduous (D)	Form
<i>Illicium parviflorum</i> ¹ Tolerates wet sites, good dense hedge Small Anise Tree	E	Irregular crown
<i>Lagerstroemia X fauriei</i> ² powdery mildew	D	Irregular crown Several cultivars resistant to HybridCrape Hybrid Crape Myrtle
<i>Lagerstroemia indica</i> ² Crape Myrtle	D	Irregular crown Showy flowers in summer Several colors available
<i>Ligustrum species</i> ² Ligustrum	E	Shrub-like Can be pruned to tree form
<i>Magnolia X soulangeana</i> ² Japanese Saucer Magnolia	D	Low branched, irregular crown Large flowers before leaves.
<i>Magnolia grandiflora</i> 'Little Gem'	E	Multistem, shrub-like Early flowering, small leaves, dwarf growth
<i>Malus species</i> ² Flowering Crabapples	D	Rounded crown Profusion of fragrant, showy flowers
<i>Myrica cerifera</i> ¹ Wax Myrtle or Bayberry	E	Low branched, rounded crown Prunes well to tree form, tolerates wet sites.
<i>Ostrya virginiana</i> ¹ Eastern Hornbeam	D	Graceful, rounded crown Exfoliating bark
<i>Osmanthus americanus</i> ¹ Devilwood	E	Shrub-like Small fragrant flowers in summer Glossy foliage

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Botanical Name	Evergreen (E) Remarks	Habit or Growth Form
Common Name(s)	Deciduous (D)	
<i>Parkinsonia aculeata</i>	D Drought tolerant, showy yellow	Graceful, rounded crown
Jerusalem Thorn	flowers in summer	
<i>Persea palustris</i> ¹	E Spicey-scented leaves, tolerates wet	Irregular crown
Redbay	soil	
<i>Poncirus trifoliata</i>	D Thorny branches	Irregular crown, shrub-like
Hardy Orange		
<i>Prunus carolinana</i> ¹	D Withstands heavy pruning	Elliptic-rounded crown
Carolina Laurel Cherry		
<i>Prunus campanulata</i> 'Okame'	D Profusion of showy flowers	Elliptic-rounded crown
Fowering Cherry		
<i>Ptelea trifoliata</i>	D Yellow fall color	Rounded crown, low branching
Water Ash		
<i>Pyrus calleryana</i> ²	D Good fall color.	Pyramidal when young
'Aristocrat'		
<i>Rapidophyllum hystrix</i> ¹	E Good native plant, most cold hardy palm	Shrub-like palm
Needle palm		
<i>Rhus copallina</i> ¹	D Yellow-scarlet fall color	Irregular open crown,
Winged Sumac		few branches
<i>Sabal palmetto</i> ¹	E Tight clustered fan-shaped fronds	Columnar
Cabbage or Sabal Palm		
<i>Serenoa repens</i>	E Light gree color, course texture	Shrub-like palm

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Botanical Name	Evergreen (E) Remarks	Habit or Growth
Common Name(s)	Deciduous (D)	Form

Saw-Palmetto

Styrax americana D Shrub-like, irregular crown
Small bell-like flowers in spring

Trachycarpus fortunei E Columnar
Good palm form small gardens and

Windmill Palm
courtyards

Vaccinium arboreum ¹ D Rounded crown
Showy flowers late spring

Sparkleberry
Bonsai-like

Viburnum species ^{1,2} E Elliptic-rounded
Showy flowers have an offensive Viburnums

odor

Zanthoxylum clava-herculis ¹ D Irregular crown, shrub-like
Prickly stems

Prickly Ash

Botanical Name	Evergreen (E) Remarks	Habit or Growth
Common Name(s)	Deciduous (D)	Form

MEDIUM TREES

30 - 45 Feet in Height at Maturity

Botanical Name	Evergreen (E) Remarks	Habit or Growth
Common Name	Deciduous (D)	Form

<i>Acer saccharum ssp barbatum</i> ¹	D Dead leaves persist into winter	Elliptic-rounded, canopy tree
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Florida Maple

<i>Acer saccharum ssp leucoderme</i> ¹	D Bright yellow fall color	Elliptic-rounded
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Cialk Maple

<i>Acer rubrum</i> ^{1,2}	D Yellow-red fall color	Pyramidal-elliptic crown
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Red Maple

<i>Betula nigra</i>	D good bark texture	Pyramidal with delicate branching, canopy tree
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River Birch

<i>Carpinus caroliniana</i> ¹	D Slow growing	Round-flat crown
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Blue-beech

<i>Catalpa bignonioides</i> ¹	D Purple flowers in spring, caterpillars devour leaves	Open oval crown canopy tree
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Southern Catalpa

<i>Cupressus glabra</i>	E Gray-green scale-like foliage	Pyramidal
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Arizona-cypress

good blue forms available

Botanical Name	Evergreen (E) Remarks	Habit or Growth Form
Common Name(s)	Deciduous (D)	
<i>Ginkgo biloba</i> ²	D Yellow fall color, drops quickly	Open pyramidal leaves Maidenhair Tree
<i>Gleditsia triacanthos</i> ¹	D Thorny branches, thornless cultivars available	Open spreading crown Honeylocust
<i>Gordonia lasianthus</i> ¹ Loblolly-bay	E Tolerates wet sites	Pyramidal, canopy tree
<i>Ilex opaca</i> ^{1,2} American Holly	E Cultivars highly variable	Pyramidal-elliptic crown
<i>Juniperus virginiana</i> ^{1,2} Eastern Red Cedar	E Tolerates adverse conditions	Densely pyramidal
<i>Koelreuteria paniculata</i> Golden Raintree	D followed by pink seed capsules	Rounded crown, canopy tree
<i>Laurus nobilis</i> Mediterranean Bay	E Spicy-scented leaves	Elliptic-rounded
<i>Oxydendrum arboreum</i> ¹	D Summer flowering, red-purple fall color	Pyramidal Sourwood
<i>Pinus echinata</i> ¹ Shortleaf Pine	E Persistent cones	Open pyramidal
<i>Pistacia chinensis</i> Chinese Pistachio	D Orange-crimson fall color	Oval-rounded crown

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Botanical Name	Evergreen (E) Remarks	Habit or Growth
Common Name(s)	Deciduous (D)	Form
<i>Populus deltoides</i>	D Tolerates moist conditions	Pyramidal when young
Eastern Cottonwood		
<i>Robinia pseudoacacia</i> ¹	D Thorny branches, tolerates adverse conditions , root suckers	Open diffuse Black Locust
<i>Salix babylonica</i>	D Prefers moist sites	Rounded with drooping branches
Weeping Willow		
<i>Sapindus marginatus</i> ¹	D Yellow fall color	Pyramidal-rounded crown
Florida Soapberry		
<i>Sassafras albidum</i> ¹	D Good fall color, root sprouts	Irregular crown Common Sassafras
<i>Ulmus alata</i> ¹	D Twigs with flat corky extensions	Weakly pyramidal crown
Winged Elm		
<i>Ulmus crassifolia</i> ¹	D Tips of branches droop	Rounded crown
Cedar Elm		
<i>Ulmus parviflora</i> 'Athena'	D Interesting, exfoliating bark	Rounded crown
Chinese Elm		
<i>Ulmus parviflora</i> 'Ailee'	D Interesting, exfoliating bark, good street tree	Vase like, upright Chinese Elm canopy tree
<i>Ulmus Parviflora</i> 'Drake'	D exfoliating bark, width and height about equal	Rounded crown canopy tree
Chinese Elm		

Botanical Name	Evergreen (E)	Habit or Growth
Common Name(s)	Remarks	Form
Deciduous (D)		

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Botanical Name	Evergreen (E) Remarks	Habit or Growth
Common Name(s)	Deciduous (D)	Form

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LARGE TREES

50 - 90 Feet in Height at Maturity

Botanical Name	Evergreen (E) Remarks	Habit or Growth
Common Name(s)	Deciduous (D)	Form

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<i>Carya glabra</i> ¹	D Shade tolerant	Open oval crown
Pignut Hickory		canopy tree
<i>Carya tomentosa</i> ¹	D Prefers full sun	Open oval crown
Mockernut Hickory		canopy tree
<i>Celtis laevigata</i> ¹	D Tolerates drought	Spreading crown
Sugarberry		canopy tree
<i>Cunninghamia lanceolata</i>	E Stiff needle-like foliage	Pyramidal
China-fir		canopy tree
<i>Fagus americana</i>	D Yellow-brown fall color	Stately wide spreading crown
American Beech		canopy tree
<i>Fraxinus americana</i> ^{1,2}	D Open, rounded crown Interesting winged seeds, needs shade	canopy tree
White Ash		canopy tree
<i>Fraxinus pennsylvanica</i> ^{1,2}	D Very adaptable	Irregular crown
Green Ash		canopy tree

Botanical Name	Evergreen (E) Remarks	Habit or Growth Form
Common Name(s)	Deciduous (D)	
<i>Liquidambar styraciflua</i> ¹	D 5-lobed leaves, good fall color	Pyramidal when young canopy tree
American Sweetgum		
<i>Liriodendron tulipifera</i> ¹	D Showy tulip-like flowers	Pyramidal when young, overtops, canopy tree
Yellow Poplar		
<i>Magnolia grandiflora</i> ^{1,2}	E Showy fragrant flowers	Densely pyramidal crown canopy tree
Southern Magnolia		
<i>Metasequoia glyptostroboides</i>	D Red-brown fall color	Pyramidal when young, overtops canopy tree
Dawn Redwood		
<i>Nyssa sylvatica</i> ¹	D Tolerates drier sites	Tapering-rounded crown canopy tree
Blackgum		
<i>Pinus clausa</i>	E Irregular Persistent cones	Open crown canopy tree
Sand Pine		
<i>Pinus elliotia</i> ¹	E Sheds cones yearly	Pyramidal when young, overtops canopy tree
Slash Pine		
<i>Pinus glabra</i> ¹	E Persistent cones	Pyramidal when young, overtops canopy tree
Spruce Pine		
<i>Pinus palustris</i> ¹	E Sheds cones yearly	Open sparsely branched canopy tree
Long Leaf Pine		
<i>Pinus taeda</i> ¹	E Persistent cones	Pyramidal when young, overtops canopy tree
Loblolly Pine		
<i>Platanus X acerifolia</i>	D Tolerates pollutants	Irregular, open crown canopy tree
London Planetree		

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Botanical Name	Evergreen (E) Remarks	Habit or Growth
Common Name(s)	Deciduous (D)	Form

<i>Platanus occidentalis</i> ¹	D Susceptible to blight	Irregular, open crown
Sycamore		canopy tree
<i>Quercus acutissima</i>	D Long toothed leaves	Irregular open crown
Sawtooth Oak		canopy tree
<i>Quercus alba</i>	D Stately, doesn't tolerate alkaline sites	Pyramidal when young, overtops
White Oak		canopy tree
<i>Quercus X comptoniar</i> Couston oak	D	canopy tree
<i>Quercus falcata</i>	D Tolerates dry conditions	Broad oval crown
Southern Red Oak		canopy tree
<i>Quercus hemisphaerica</i> ¹	E Scrubby when young, not long-lived	Spreading crown
Darlington oak		canopy tree
<i>Quercus laurifolia</i> ¹	E Not long-lived	Spreading crown
Laurel Oak		canopy tree
<i>Quercus lyrata</i> Overcup oak	D	canopy tree
<i>Quercus michauxii</i> ¹	D Stately with large lobed	Oval-rounded leaves
Swamp Chestnut Oak		canopy tree
<i>Quercus phellos</i> ¹	D Narrow fine-textured leaves	Pyramidal when young, overtops
Willow Oak		canopy tree
<i>Quercus shumardi</i> ¹	D Large toothed leaves	Spreading crown
Shumard Oak		canopy tree

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Botanical Name	Evergreen (E) Remarks	Habit or Growth
Common Name(s)	Deciduous (D)	Form
<i>Quercus stellata</i> ¹	D Coarse lobed leaves	Spreading crown
Post Oak		canopy tree
<i>Quercus velutina</i> ¹	D Tolerates clay soils	Spreading crown
Black oak		canopy tree
<i>Quercus virginiana</i> ¹	E Short trunk, needs plenty spreadingk room	Broadly rounded crown
Live Oak		canopy tree
<i>Taxodium ascendens</i> ¹	D Tolerates upland sites color	Pyramidal when young, overtops cinnamon fall
Pond-cypress		canopy tree
<i>Taxodium distichum</i> ¹	D Tolerates upland sites color	Pyramidal when young, overtops cinnamon fall
Bald cypress		canopy tree
<i>Ulmus americana</i> ^{1,2}	D Select cultivars resistant to Dutch Elm disease	Spreading-rounded crown American Elm
		canopy tree

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