

Gainesville Tree List - Updated 6/6/2013

Common Name	Scientific Name	Mature Urban Height	Est. Crown (20 Year)	Avg. Spread (35 Year)	Native	High Quality Shade	OK Under OHL	Street Buffer	Trees in Natural Buffer	Lot	Gate	Wet/Dry	Retention Basins
Ash, Green	<i>Fraxinus pennsylvanica</i>	60'	25'	50'	x	x		x	x	x		W	x
Ash, White	<i>Fraxinus americana</i>	60'	30'	60'	x	x		S	x	x	Lrg		
Bay, Red	<i>Persea borbonia</i>	40'	15'	25'	x		x		x				
Bay, Swamp	<i>Persea palustris</i>	35'	15'	20'	x				x			W	x
Basswood	<i>Tilia caroliniana</i>	50'	30'	55'	x			S	x	x			x
Birch, River	<i>Betula nigra</i>	45'	25'	35'	x		x	U	x		Med	W	x
Blackgum	<i>Nyssa sylvatica</i>	45'	25'	35'	x		x	S	x	x	Med		x
Boxelder	<i>Acer negundo</i>	50'	30'	40'	x				x				
Buckeye, Red	<i>Aesculus pavia</i>	25'	10'	15'	x		x	U	x				x
Buckthorn, Carolina	<i>Rhamnus caroliniana</i>	20'	10'	15'	x		x	U	x				
Bumelia	<i>Sideroxylon tenax</i>	20'	7'	12'	x		x	U	x				
Bumelia, Silver	<i>Sideroxylon alachuense</i>	20'	7'	12'	x		x	U	x				
Catalpa, Southern	<i>Catalpa bignonioides</i>	60'	20'	30'									
Cedar, Atlantic White	<i>Chamaecyparis thyoides</i>	45'	15'	25'	x				x				x
Cedar, Eastern Red	<i>Juniperus virginiana</i>	60'	15'	25'	x		x	U	x			D	
Cedar, Southern Red	<i>Juniperus silicicola</i>	60'	20'	30'	x				x				
Cherry-laurel	<i>Prunus caroliniana</i>	40'	20'	20'	x			U	x				
Chinese Pistachio	<i>Pistacia chinensis</i>	50'	25'	45'			x	U					
Crabapple	<i>Malus angustifolia</i>	25'	20'	20'	x				x				
Crape Myrtle	<i>Lagerstromia indica</i>	35'	15'	25'			x	U			Sm		
Cypress, Bald	<i>Taxodium distichum</i>	50'	20'	30'	x	x	x	U	x		Med	W	x
Cypress, Pond	<i>Taxodium ascendens</i>	50'	15'	20'	x	x	x	U	x			W	x
Devil's-walkingstick	<i>Aralia spinosa</i>	30'	10'	15'	x				x				
Dogwood, Flowering	<i>Cornus florida</i>	35'	25'	35'	x		x	U	x		Sm		
Elm, Cedar	<i>Ulmus crassifolia</i>	60'	30'	50'	x	x		S	x	x	Lrg		
Elm, Chinese (Drake)	<i>Ulmus parvifolia CV. Drake</i>	40'	30'	40'			x	S		x	Med		
Elm, Florida	<i>Ulmus americana floridana</i>	60'	30'	50'	x	x		S	x	x	Lrg		
Elm, Water	<i>Planera aquatica</i>	25'	15'	20'	x		x		x			W	x
Elm, Winged	<i>Ulmus alata</i>	65'	30'	60'	x	x		S	x	x	Med		
Fringe Tree	<i>Chionanthus virginicus</i>	25'	10'	20'	x		x		x		Sm		x
Fringe Tree, Chinese	<i>Chionanthus retusus</i>	30'	15'	25'			x	U			Sm		
Hawthorn, Green	<i>Crataegus viridis</i>	25'	7'	10'	x		x		x				
Hawthorn, Parsley	<i>Crataegus marshalii</i>	20'	7'	10'	x		x		x				x
Hawthorn, May	<i>Crataegus aestivalis</i>	25'	10'	15'	x		x		x		Sm	W	
Hawthorn, Cockspur	<i>Crataegus crus-galli</i>	20'	7'	10'	x		x		x				
Hawthorn, One-flowered	<i>Crataegus uniflora</i>	15'	7'	10'	x		x		x				
Hercules Club	<i>Zanthoxylum clava-herculis</i>	50'	25'	40'	x				x				

Common Name	Scientific Name	Mature Urban Height	Est. Crown (20 Year)	Avg. Spread (35 Year)	Native	High Quality Shade	OK Under OHL	Street Buffer	Trees in Natural Buffer	Lot	Gate	Wet/Dry	Retention Basins
Hickory, Mockernut	<i>Carya tomentosa</i>	45'	20'	30'	x	x		S	x			D	
Hickory, Pignut	<i>Carya glabra</i>	55'	20'	30'	x	x		S	x				
Hickory, Water	<i>Carya aquatica</i>	40'	30'	50'	x				x			W	x
Holly, American	<i>Ilex opaca</i>	35'	15'	25'	x	x	x	U	x		Med		
Holly, dahoon	<i>Ilex cassine</i>	30'	15'	25'	x	x	x	U	x		Sm	W	x
Holly, East Palatka	<i>Ilex x attenuata "E. Palatka"</i>	35'	20'	30'	x		x	U		x	Sm		
Holly, Savannah, etc.	<i>Ilex x attenuata varieties</i>	40'	15'	35'	x		x	U		x	Sm		
Holly, Weeping	<i>Ilex vomitoria' Pendula'</i>	35'	15'	25'			x	U					
Holly, Yaupon	<i>Ilex vomitoria</i>	20'	15'	20'	x		x	U	x				
Hop-hornbeam	<i>Ostrya virginiana</i>	35'	25'	35'	x	x	x	U	x		Sm		
Hornbeam	<i>Carpinus caroliniana</i>	35'	25'	35'	x		x	U	x		Sm	W	x
Jerusalem-thorn	<i>Parkinsonia aculeata</i>	30'	25'	30'			x						
Loblolly Bay	<i>Gordonia lasianthus</i>	60'	20'	35'	x				x			W	
Locust, Black	<i>Robinia pseudoacacia</i>	50'	20'	35'									
Locust, Honey	<i>Gleditsia triacanthos</i>	40'	20'	35'	x		x	U	x		Sm		
Loquat	<i>Eriobotrya japonica</i>	30'	20'	30'									
not recommended for planting													
Magnolia, Ash	<i>Magnolia ashei</i>	20'	15'	20'	x		x				Sm		
Magnolia, Oriental	<i>Magnolia spp.</i>	25'	15'	25'				U					
Magnolia, Southern	<i>Magnolia grandiflora</i>	90'	20'	35'	x	x		S	x	x	Lrg		
Magnolia, Sweetbay	<i>Magnolia virginiana</i>	55'	25'	40'	x				x			W	x
Maple, Florida	<i>Acer barbatum (floridanum)</i>	50'	25'	40'	x	x		S	x	x	Med		
Maple, Red	<i>Acer rubrum</i>	55'	25'	40'	x				x		Med	W	x
Mulberry, Red	<i>Morus rubra</i>	50'	25'	35'	x				x				
Oak, Basket	<i>Quercus michauxii</i>	60'	25'	40'	x	x		S	x	x			x
Oak, Bluejack	<i>Quercus incana</i>	40'	25'	30'	x		x	U	x			D	
Oak, Bluff (local)	<i>Quercus austrina</i>	60'	30'	60'	x	x		S	x	x	Lrg		
Oak, Diamondleaf	<i>Quercus laurifolia</i>	100'	40'	60'	x				x				
Oak, Durand	<i>Quercus durandii</i>	70'	40'	60'	x								
Oak, Laurel	<i>Quercus hemisphaerica</i>	100'	40'	60'	x								
not recommended for planting													
Oak, Live	<i>Quercus virginiana</i>	80'	45'	80'	x	x		S	x	x	Lrg		
Oak, Post	<i>Quercus stellata</i>	60'	25'	40'	x				x	x		D	
Oak, Sand Live	<i>Quercus geminata</i>	60'	30'	50'	x	x			x	x		D	
Oak, Shumard	<i>Quercus shumardii</i>	100'	30'	50'	x			S	x	x	Lrg		x
Oak, Southern Red	<i>Quercus falcata</i>	65'	30'	50'	x	x		S	x	x			
Oak, Turkey	<i>Quercus laevis</i>	60'	25'	40'	x		x		x	x			
Oak, White	<i>Quercus alba</i>	65'	20'	35'	x			S	x	x	Lrg		
Olive, Wild	<i>Osmanthus americanus</i>	35'	20'	30'	x		x	U			Sm		
Palm, Cabbage	<i>Sabal palmetto</i>	80'	14'	12'	x				x		Med	W	

Common Name	Scientific Name	Mature Urban Height	Est. Crown (20 Year)	Avg. Spread (35 Year)	Native	High Quality Shade	OK Under OHL	Street Buffer	Trees in Natural Buffer	Lot	Gate	Wet/Dry	Retention Basins
Palm, Date	<i>Phoenix spp.</i>	60'	26'	24'									
Palm, Pindo	<i>Butia capitata</i>	20'	14'	12'			x						
Palm, Washington	<i>Washingtonia robusta</i>	90'	12'	10'									
Pear, Bradford	<i>Pyrus calleryana (Aristocrat)</i>	40'	15'	20'			x	U			Sm		
Pecan	<i>Carya illinoensis</i>	70'	35'	55'		x		S	x				
Persimmon	<i>Diospyros virginiana</i>	60'	15'	30'	x	x			x				x
Pine, Loblolly	<i>Pinus taeda (rust res.)</i>	110'	20'	30'	x								
Pine, Longleaf	<i>Pinus palustris</i>	90'	20'	30'	x	x		U	X		Lg		
Pine, Pond	<i>Pinus serotina</i>	90'	20'	30'	x							W	x
Pine, Shortleaf	<i>Pinus echinata</i>	100'	15'	25'	x								
Pine, Slash	<i>Pinus elliotii (rust res.)</i>	100'	20'	30'	x								
Pine, Spruce	<i>Pinus glabra</i>	50'	25'	40'	x			U	x	x	Med		
Plum, American	<i>Prunus americana</i>	30'	20'	30'	x		x	U	x				
Plum, Chickasaw	<i>P. angustifolia</i>	20'	15'	25'	x		x	U	x		Sm		
Plum, Flatwoods	<i>Prunus umbellata</i>	20'	15'	25'	x		x	U	x		Sm		
Podocarpus	<i>Podocarpus macrophylla</i>	40'	10'	15'									
Redbud	<i>Cercis canadensis</i>	30'	25'	30'	x			U	x		Sm		
Rusty Blackhaw	<i>Viburnum rufidulum</i>	30'	15'	20'	x			U	x		Sm		
Sassafras	<i>Sassafras albidum</i>	30'	10'	15'	x				x				
Silverbell (Two wing)	<i>Halesia diptera</i>	25'	10'	15'	x		x	U	x				x
Snowbell, American	<i>Styrax americana</i>	20'	10'	15'	x		x	U	x			W	x
Soapberry	<i>Sapindus marginatus</i>	35'	15'	20'	x				x	x			
Sparkleberry Tree	<i>Vaccinium arboreum</i>	20'	10'	15'	x		x		x		Sm		
Sugarberry	<i>Celtis laevigata</i>	100'	30'	50'	x			S	x	x			
Sweetgum, Formosa	<i>Liquidambar formosana</i>	40'	20'	30'			x	U					
Sweetgum	<i>Liquidambar styraciflua</i>	100'	30'	50'	x				x			W	
Sycamore	<i>Platanus occidentalis</i>	100'	40'	60'	x			S		x	Lrg		
Tulip Tree	<i>Liriodendron tulipifera</i>	100'	25'	40'	x	x		S	x		Lrg	W	x
Tupelo, Black	<i>Nyssa sylvatica</i>	60'	20'	25'	x	x			x				x
Tupelo, Ogeechee	<i>Nyssa ogeche</i>	60'	25'	40'	x				x			W	x
Tupelo, Swamp	<i>Nyssa biflora</i>	60'	25'	40'	x				x			W	x
Tupelo, Water	<i>Nyssa aquatica</i>	60'	25'	40'	x				x			W	x
Viburnum, Walter	<i>Viburnum obovatum</i>	15'	10'	15'	x		x	U	x				x
Walnut, Black	<i>Juglans nigra</i>	50'	20'	25'	x								
Xylosma (Logwood)	<i>Xylosma Congestum</i>	15'	8'	12'									
Yew, Florida	<i>Taxus floridana</i>	15'	8'	12'	x				x				
U= Understory													
S = shade trees in Street Buffer column													
Mature Urban Height refers to the expectation for trees planted in urban condition.													