

Common name	Scientific name	Medium Tree: 30'-50' ht., 6'-9' wide tree lawn, 30' spacing	Light Conditions: Full Sun = F Partial Sun = P Shade tolerant = Sh	Soil Moisture: Good Drainage = D Moist = M Frequently Wet = W	Growth Rate: Slow = S Moderate = M Fast = F	Fruit or Nuts	Showy Flowers	Fall Color	Evergreen	Native to SC	Notes	Cultivars
Maple, Trident	Acer buergerianum	●	F, P	D, M, W	M			●			Durable street tree in Columbia	Multiple cultivars including 'Streetwise', 'Aeryn', 'Valynor'
Maple, Southern Sugar	Acer barbatum (floridanum)	●	F, P	D, M, W	M			●		●		
Pawpaw	Asimina triloba	●	F, P, Sh	D, M, W	M	●		●		●		Several cultivars for large fruit size
Birch, River	Betula nigra	●	P	M, W	F					●		More heat tolerant cultivars: 'Heritage', 'DuraHeat'
Hornbeam, European	Carpinus betulus	●	F, P	D, M, W	S			●				Multiple cultivars for shape, leaf color
Catalpa, Southern	Catalpa bignonioides	●	F, P	D, M, W	F	●	●				Irregular crown shape, Flower, fruit, leaf litter debris	Cultivars for leaf color
Katsura	Cercidiphyllum japonicum	●	F	D, M	M			●			Intolerant of drought	Cultivars for leaf color, height
Falsecypress, Japanese	Chamaecyparis pisifera	●	F,P	D, M	S				●			Many cultivars for height and leaf color, shape
Whitecedar, Atlantic	Chamaecyparis thyoides	●	F, P	M, W	M				●	●		Cultivars for height, leaf shape and color
Yellowwood	Cladrastis kentukea	●	F	D, M	S	●	●	●		●	Needs pruning to develop good limb structure, Brittle wood, May not bloom annually	
Persimmon	Diospyros virginiana	●	F, P	D, M	M	●		●		●	Drought tolerant, May develop root suckers	Cultivars for fruit
Silverbell, Common	Halesia carolina	●	P	D, M	M		●	●		●	Sensitive to heat, drought, and soil compaction	Cultivars for flower and leaf color
Holly, American	Ilex opaca	●	F,P	D, M, W	S	●			●	●	Need male and female trees	Many cultivars
Redcedar, Eastern	Juniperus virginiana	●	F, P	D, M, W	M	●			●	●	Very durable street tree, Alternate host for fungal pathogen cedar-apple rust	Cultivars for height and leaf color
Osage-Orange	Maclura pomifera	●	F	D, M, W	F	●		●			Has 1/4"-1" spines, Female trees produce 4"-6" inedible fruit	Only use thornless male cultivars, including 'White Shield', 'Double O'
Magnolia, Sweetbay	Magnolia virginiana	●	P	D, M, W	F	●	●		●	●		Cultivars for height and flowering
Gum, Black	Nyssa sylvatica	●	F	D, M, W	M	●		●		●		Cultivars for fall color, resistance to leaf spot
Hop-hornbeam, American	Ostrya virginiana	●	F, P, Sh	D, M	S			●		●		
Sourwood	Oxydendrum arboreum	●	F, P	D, M	S		●	●		●	Intolerant of urban pollution, drought	Cultivars for fall color, 'Chameleon', 'Mr. Charm'

Parrotia, Persian	Parrotia persica	●	F, P	D, M	S			●			USDA Plant Hardiness Zone 7a-7b but grew well in Columbia, pruning may be needed for lots of base trunk sprouts, Drought tolerant, urban pollution tolerant, Intolerant of frequently wet soil	Cultivars for fall color, tree shape
Pistachio, Chinese	Pistacia chinensis	●	F	D, M	M	●		●			Durable street tree in Columbia, Drought and urban pollution tolerant, Initial pruning may be needed to develop good form	Get male cultivar 'Keith Davey' as female trees have ugly fruiting
Cherry-laurel, Carolina	Prunus caroliniana	●	F, P	D, M, W	F	●	●		●	●	Drought tolerant, Durable urban tree in Columbia, May sucker from roots, Produce many seedlings	Cultivar Bright 'N Tight is shorter
Oak, Overcup	Quercus lyrata	●	F	D, M, W	S	●				●		
Palmetto	Sabal palmetto	●	F	D, M, W	M	●	●		●	●	Not a tree, may be used for small sidewalk cutouts where trees can't be planted, dead large leaves need to be pruned off, large flower and fruit stalks	
Arborvitae	Thuja spp.	●	F	D, M	S				●	●	Intolerant of dry, windy sites, USDA Hardiness Zones 7a - 7b	Many cultivars for height, leaf color
Windmill Palm	Trachycarpus fortunei	●	P	D, M	M	●	●		●	●	Not a tree, may be used for small sidewalk cutouts where trees can't be planted, dead large leaves need to be pruned off, large flower and fruit stalks	

