

Large Trees

50' and over

Scientific Name	Common Name	CHARACTERISTICS					TOLERANCES						SITE SELECTION					VALUE		
		Growth Rate	Spread	Form	Evergreen	Native to eastern N. America	Compacted Soil	Drought	Salt		Clay Soils	Air Pollution	Shade	Beneath Powerlines	Treelawn or Median	Open spaces (parks/ lawns)	Wetlands	Pollinator Friendly	Ornamental	Notes
<i>Abies nordmanniana</i>	Nordmann fir	slow	30'	△	●							●	☀️ ☁️			●			❄️	
<i>Acer x freemanii</i> [Autumn Blaze]*	Freeman maple	fast	40'	○		●	●	●	●	●	●	●	☀️ ☁️		●	●	●		🍂	
<i>Acer rubrum</i>	red maple	moderate	40'	○		●		●		●	●	●	☀️ ☁️		●	●	●	🐝	🌸 🍂	many cultivars available
<i>Aesculus flava</i>	yellow buckeye	moderate	50'	○		●			●	●			☀️			●			🌸 🍂	
<i>Betula nigra</i> [Heritage]	river birch	fast	50'	△		●	●	●	●	●	●		☀️		●	●	●	🐝	🍂	resistant to bronze birch borer
<i>Betula nigra</i> [City Slicker]	river birch	fast	50'	△		●	●	●	●	●	●		☀️		●	●	●	🐝	🍂	resistant to bronze birch borer
<i>Cedrus libani</i> var. <i>stenocoma</i>	cedar of Lebanon	slow	50'	△	●								☀️			●			❄️	
<i>Diospyros virginiana</i>	common persimmon	moderate	35'	△		●	●	●					☀️			●			🍂	edible fruit
<i>Ginkgo biloba</i>	gingko	slow	40'	△			●	●	●		●	●	☀️			●	●		🍂	male clones preferred
<i>Gleditsia triacanthos</i> [Imperial]	honeylocust	fast	40'	⤵️		●	●	●	●	●	●	●	☀️			●	●		🍂	
<i>Gleditsia triacanthos</i> [Shademaster]	honeylocust	fast	40'	⤵️		●	●	●	●	●	●	●	☀️			●	●		🍂	
<i>Gleditsia triacanthos</i> [Skyline]	honeylocust	fast	35'	⤵️		●	●	●	●	●	●	●	☀️			●	●		🍂	
<i>Gleditsia triacanthos</i> [Street Keeper]	honeylocust	fast	20'	⬮		●	●	●	●	●	●	●	☀️			●	●		🍂	
<i>Gymnocladus dioica</i> 'Espresso'	Kentucky coffee-tree	slow	35'	⤵️ ⚠️		●	●	●	●			●	☀️			●	●		❄️ 🍂	
<i>Gymnocladus dioica</i> [Prairie Titan]	Kentucky coffee-tree	slow	34'	○		●	●	●	●			●	☀️			●	●		❄️ 🍂	

- Applicable
- Form**
- Oval
- Round
- ⬮ Columnar
- △ Pyramidal
- ▽ Vase
- ⤵️ Spreading
- ⤵️ Weeping
- ⚠️ Irregular
- Light Conditions**
- ☀️ Full Sun
- ☁️ Partial Shade
- ☁️ Shade
- Ornamental**
- 🍒 Fruit
- 🌸 Flower
- 🍂 Fall Color
- ❄️ Winter Interest
- 🍂 Bark

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<i>Gymnocladus dioica</i> 'Stately Manor'	Kentucky coffee-tree	slow	40'			●	●	●	●			●			●	●				
<i>Cercidiphyllum japonicum</i>	katsura tree	moderate	30'					●	●							●				shallow-rooted; needs cool soil temps
<i>Liquidambar styraciflua</i> 'Moraine'	sweetgum	fast	40'			●	●	●	●	●	●					●	●			variegated leaf form
<i>Liquidambar styraciflua</i> 'Variegata'	variegated sweetgum	moderate	35'			●	●	●	●	●	●					●	●			variegated leaf form
<i>Liriodendron tulipifera</i>	tuliptree	fast	40'			●					●					●				
<i>Liriodendron tulipifera</i> [Emerald City]	tuliptree	fast	25'			●					●					●				
<i>Magnolia acuminata</i>	cucumber magnolia	moderate	40'			●					●					●				wildlife forage
<i>Metasequoia glyptostroboides</i>	dawn redwood	fast	25'						●		●					●				deciduous conifer
<i>Nyssa sylvatica</i>	tupelo	moderate	30'			●	●	●	●	●	●					●	●		high nutrient mammal & bird forage	
<i>Ostrya virginiana</i>	hop hornbeam	slow	30'			●		●							●	●				
<i>Picea omorika</i>	Serbian spruce	slow	20'		●			●								●				
<i>Picea orientalis</i>	Oriental spruce	slow	20'		●											●				
<i>Pinus strobus</i>	eastern white pine	fast	40'		●	●		●								●				
<i>Pinus rigida</i>	pitch pine	moderate	40'		●	●		●	●							●				
<i>Pinus rigida x taeda</i>	pitch-lob pine	fast	40'		●	●		●	●							●				

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<i>Platanus x acerifolia</i> [Exclamation!]	London planetree	fast	40'	△			●	●	●		●	●	☀		●	●			///	cold hardy selection
<i>Platanus occidentalis</i>	sycamore	fast	50'	△		●	●			●	●	●	☀			●	●		///	
<i>Quercus bicolor</i>	swamp white oak	moderate	50'	○		●	●	●		●	●		☀		●	●	●			
<i>Quercus imbricaria</i>	shingle oak	slow	60'	○		●	●			●	●		☀		●	●				
<i>Quercus lyrata</i>	overcup oak	slow	40'	○		●		●		●	●		☀			●	●		🍎	
<i>Quercus macrocarpa</i>	bur oak	slow	70'	○		●	●	●	●	●	●		☀		●	●	●		🍎	
<i>Quercus muehlenbergii</i>	chinkapin oak	moderate	40'	○		●	●	●					☀		●	●				
<i>Quercus palustris</i>	pin oak	fast	40'	△		●	●	●		●	●		☀		●	●	●			
<i>Quercus palustris</i> [Green Pillar]	pin oak	fast	15'	◻		●	●	●		●	●		☀		●	●	●			
<i>Quercus phellos</i>	willow oak	fast	40'	◻		●	●			●	●		☀		●	●				
<i>Quercus x warei</i> [Regal Prince]	hybrid oak	slow	20'	◻							●		☀		●	●				
<i>Quercus rubra</i>	red oak	fast	60'	○		●	●	●	●		●		☀		●	●			🍃	high wildlife value
<i>Quercus shumardii</i>	Shumard oak	moderate	50'	○		●	●	●		●	●		☀		●	●			🍃	
<i>Styphnolobium japonicum</i> [Regent]	Japanese pagodatree	fast	40'	◻				●				●	☀		●	●		🐝	🌸	
<i>Taxodium distichum</i>	bald cypress	moderate	25'	△		●	●		●	●	●		☀		●	●	●		🍃 ///	deciduous conifer

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<i>Thuja occidentalis</i>	arborvitae	slow	15'	△	●	●				●	●	●	☀️ ☁️			●			❄️		
<i>Thuja plicata</i>	western redcedar	moderate	25'	△	●	●				●	●	●	☀️ ☁️			●			❄️		
<i>Thuja 'Green Giant'</i>	giant arborvitae	fast	20'	△	●					●	●	●	☀️ ☁️			●			❄️		
<i>Tilia americana</i>	basswood	moderate	40'	○		●	●				●	●	☀️			●			🐝	🌸	
<i>Tilia cordata</i> [Green Spire]	littleleaf linden	moderate	30'	○			●		●				☀️		●	●			🐝	🌸	fragrant flowers
<i>Tilia tomentosa</i>	silver linden	moderate	40'	△									☀️		●	●				🌸	fragrant flowers
<i>Tilia x euchlora</i>	Crimean linden	moderate	25'	○									☀️		●	●					
<i>Ulmus americana</i> 'Princeton'	American elm	moderate	50'	▽		●	●	●	●	●	●	●	☀️		●	●	●		🐝		Dutch Elm Disease (DED) resistance
<i>Ulmus americana</i> 'Jefferson'	American elm	moderate	50'	▽		●	●	●	●	●	●	●	☀️		●	●	●		🐝		Dutch Elm Disease (DED) resistance
<i>Ulmus 'Regal'</i>	elm	fast	25'	▭									☀️		●	●	●		🐝		Dutch Elm Disease (DED) resistance
<i>Ulmus</i> [Triumph]	elm	fast	45'	▽									☀️		●	●	●		🐝		Dutch Elm Disease (DED) resistance
<i>Zelkova serrata</i> [Green Vase]	Japanese zelkova	moderate	30'	▽			●	●	●				☀️		●	●					
<i>Zelkova serrata</i> 'Musashino'	Japanese zelkova	moderate	15'	▽			●	●	●				☀️		●	●					
<i>Zelkova serrata</i> [Village Green]	Japanese zelkova	moderate	40'	▽			●	●	●				☀️		●	●					

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I'd also add Black Gum and Bald Cypress to the list. Both trees should adapt well to the area when it gets a little warmer. Tried to highlight species that will survive well in cities and handle warmer temperatures, too.