

				Trees over 25 feet Tall					
Common Name	Scientific Name	Salt Tolerant?	Tolerant of wet site?	Sun?	Drought tolerance	Deer Tolerant?	Suitable Street Tree	Native	Remarks
River birch	<i>Betula nigra</i>		Yes	Yes		Yes	No	Yes	
Paper birch	<i>Betula papyrifera</i>	Yes		Yes			No	Yes	
Pignut hickory	<i>Carya glabra</i>			Yes			No	Yes	Large nuts
Shellbark hickory	<i>Carya laciniosa</i>			Yes			No	Yes	Large nuts
American chestnut (blight-resistant variety)	<i>Castanea dentate</i>			Yes			No	Yes	Large nuts
Chinquapin	<i>Castanea pumila</i>	No		Sun to part shade	High		No	Yes	
American beech	<i>Fagus grandifolia</i>						No	Yes	
Ginko	<i>Ginkgo biloba (male)</i>	Yes		Yes			Yes	No	
Kentucky Coffee Tree	<i>Gymnocladis dioicus</i>			Yes	Yes		Yes		
black walnut	<i>Juglans nigra</i>	Moderately				Yes	No	Yes	
Eastern red cedar	<i>Juniperus virginiana</i>	Moderately				Yes	No	Yes	
Sweetgum	<i>Liquidambar styraciflua</i>	Moderately	Yes				Yes	Yes	Do not plant in fall
Tulip tree	<i>Liriodendron tulipifera</i>					Yes	No	Yes	
Osage orange	<i>Maclura pomifera var. inermis</i>	Yes	Yes	Yes	Yes		No	Yes	thorns and fruit
Sweetbay magnolia	<i>Magnolia virginiana</i>	Yes	Yes			Yes	No	Yes	Needs acid soil
Black gum	<i>Nyssa sylvatica</i>	Yes	Yes				No	Yes	Rain garden
American hop hornbeam	<i>Ostrya virginiana</i>				Yes	Yes	Yes, but	Yes	avoid roadside
white pine	<i>Pinus strobus</i>					Yes	No	Yes	
Virginia pine	<i>Pinus virginiana</i>						No	Yes	
London planetree	<i>Platanus x acerifolia</i>	Yes		Yes			Yes	No	
American sycamore	<i>Platanus occidentalis</i>	Yes	Moderately				Yes	Yes	
Black cherry	<i>Prunus serotina</i>	Yes	Yes			Yes	No	Yes	Tent caterpillars
White oak	<i>Quercus alba</i>	Yes			Yes		Yes	Yes	
Swamp white oak	<i>Quercus bicolor</i>	Yes	Yes				Yes in wet	Yes	Subject to canker and anthracnose
Scarlet oak	<i>Quercus coccinia</i>						No	Yes	
Southern red oak	<i>Quercus falcata</i>			Full sun	Yes		No	Yes	
Pin oak	<i>Quercus palustris</i>	Yes					Yes	Yes	Acid soil;'Green Pillar'
Willow oak	<i>Quercus phellos</i>	Moderately	Yes				No	Yes	
Red oak	<i>Quercus rubra</i>	Yes					Yes	Yes	
Black oak	<i>Quercus velutina</i>						yes	Yes	
Black willow	<i>Salix nigra</i>	Moderately	Yes			Yes	No	Yes	Good near rivers and streams
Sassafras	<i>Sassafras albidum</i>		Yes	Sun to light shade	High	Usually	No	Yes	Allelopathic
Basswood	<i>Tilia Americana</i>						Yes	Yes	
Eastern hemlock	<i>Tsuga canadensis</i>						No	Yes	
American elm (blight-resistant variety)	<i>Ulmus Americana</i>	Yes					Yes	Yes	
Slippery elm (blight-resistant variety)	<i>Ulmus rubra</i>	No	Yes	Sun to shade	Medium		Yes in wet	Yes	Alkaline soil

Abundance and diversity of species is an overall goal of planting, In particular 10-20-30 diversity: no more than 10% of one species, 20% of one genus, 30% of one family.

Shrubs and understory trees (plants under 25 ft tall)									
Common Name	Scientific Name	Salt Tolerant?	Tolerant of wet site?	Sun?	Drought Tolerance	Deer Tolerant?	Recommended Street Tree	Native	Remarks
Smooth alder	<i>Alnus serrulata</i>		Yes	Sun	Low			Yes	
Downy serviceberry	<i>Amelanchier arborea</i>		Yes	Sun to part shade		Usually	Yes	Yes	Autumn Brilliance has excellent heat and drought tolerance
Shadbush	<i>Amelanchier canadensis</i>	Moderately		Sun	Low	Usually	Yes	Yes	
Smooth serviceberry	<i>Amelanchier laevis</i>		Yes	Sun to part shade	Medium	Usually	Yes	Yes	
Shadblow, Cumulus	<i>Amelanchier laevis</i> "Cumulus"		Yes		Yes				
Shadblow, Pink	<i>Amelanchier x grandiflora</i> "Robin Hill"		Yes		Yes	Yes			
Devil's walking stick	<i>Aralia spinosa</i>			Sun to part shade	Low	Usually		Yes	Prefers moist, well drained acid soil; has prickles!
Red chokeberry	<i>Aronia arbutifolia</i>	Moderately	Yes	Sun to part shade	Low	Usually		Yes	Spreads via suckers
Black chokeberry	<i>Aronia melanocarpa</i>		Yes	Sun to part shade	Medium			Yes	Useful for erosion control
Pawpaw	<i>Asimina triloba</i>		Yes	Sun		Usually	No	Yes	Lots of fruits!
Groundsel tree/bush	<i>Baccharis halimifolia</i>	Moderately	Yes	Sun to part shade	Low			Yes	
Ironwood	<i>carpinus caroliniana</i>		Yes	Sun to part shade	Low		Yes	Yes	
Hornbeam, Japanese	<i>Carpinus japonica</i>			Yes		Yes		No	
New Jersey tea	<i>Ceanothus americanus</i>	No		Sun to part shade	High			Yes	
Common hackberry	<i>Celtis occidentalis</i>	Moderately		Sun to part shade	High		Yes	Yes	
Buttonbush	<i>Cephalanthus occidentalis</i>	Moderately	Yes	Sun to light shade	Medium			Yes	
Redbud	<i>Cercis canadensis</i>	Some	Well drained	Sun to part shade	High		Yes	Yes	
Atlantic white cedar	<i>Chamaecyparis thyoides</i>							Yes	
Fringe tree	<i>Chionanthus virginicus</i>			Sun to part shade	Medium			Yes	prefers moist, deep, acidic
Summersweet	<i>Clethra alnifolia</i>	Moderately	Yes	Sun to part shade	Low	Usually		Yes	
Sweet fern	<i>Comptonia peregrina</i>			Sun to part shade	High			Yes	2-4 ft. tall; prefers sandy, peaty, acid
Alternate-leaf dogwood	<i>Cornus alternifolia</i>	No		Part shade	Low			Yes	Prefers cool, moist, acidic soils
Silky dogwood	<i>Cornus amomum</i>	No	Yes	Sun to part shade	Low			Yes	
Dogwood, Constellation*	<i>Cornus</i> "Rutcan"		No	Part shade				Yes	cultivar
Dogwood, Celestial*	<i>Cornus</i> "Rutdan"		No	Part shade	No			Yes	cultivar
Dogwood, Stellar Pink*	<i>Cornus</i> "Rutgan"		No	Part shade	No			Yes	cultivar
Dogwood, Ruth Ellen*	<i>Cornus</i> "Rutlan"		No	Part shade	No			Yes	
Dogwood, White Flowering	<i>Cornus florida</i>		No	Part shade	No			Yes	
Dogwood, Kousa	<i>Cornus kousa</i>		No	Part shade	No			No	
Dogwood, Kousa National	<i>Cornus kousa</i> 'National'		No	Part shade	No			No	
Cherry, Cornelian	<i>Cornus mas</i>	Yes						No	
Hawthorn, Crusader	<i>Crataegus crus-galli inermis</i> 'Cruzam' Hawthorn,	Yes						Yes	thornless cultivar
Hawthorne, Lavalley	<i>Crataegus x lavalleyi</i>	Yes							
Winter King Hawthorn	<i>Crataegus viridis</i> 'Winter King'	Some	Some	Full sun	Medium		Yes	Yes	resistant to cedar-hawthorn rust
Leatherwood	<i>Dirca palustris</i>		Yes, well drained	Sun to shade				Yes	
American strawberry bush	<i>Euonymus americanus</i>		Yes	Part shade				Yes	
Imperial® Thornless Common Honeylocust	<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Impcole'	Some	Some	Full sun	High		Yes	Yes	Susceptible to mimosa webworm
Silverbell, Jersey Belle	<i>Halesia carolina</i> 'Jersey Belle'							Yes	cultivar

Shrubs and understory trees (plants under 25 ft tall), page 2

Common Name	Scientific Name	Salt Tolerant?	Tolerant of wet site?	Sun?	Drought Tolerance	Deer Tolerant?	Recommended Street Tree	Native	Remarks
Silverbell, Magniflora Two-winged	<i>Halesia diptera</i> "Magniflora"							Yes	cultivar
Smooth hydrangea	<i>Hydrangea arborescens</i>		Yes, well drained	Part shade	Low			Yes	
Possum haw	<i>Ilex decidua</i>	No	Yes	Sun to part shade	Medium			Yes	Acid soil
Inkberry	<i>Ilex glabra</i>	Moderately	Yes	Sun	Low	Usually		Yes	Protect from harsh winter
American holly	<i>Ilex opaca</i>	Moderately	Yes, well drained	Sun to part shade	Medium	Usually		Yes	Acid soil
Winterberry	<i>Ilex verticillata</i>	No	Yes	Sun to part shade	Low	Usually		Yes	Acid soil; male & female plants
Virginia sweetspire	<i>Itea virginica</i>	No	Yes	Sun to part shade	Low	Usually		Yes	fertile, moist, acid soil
Sheep laurel	<i>Kalmia angustifolia</i>		Yes	Sun to part shade		No		Yes	cool, moist, acidic, organic soil
Mountain laurel	<i>Kalmia latifolia</i>	No		Sun to part shade	High	No		Yes	cool, moist, acidic, organic soil
Goldenraintree	<i>Koeleruteria paniculata</i>	Some	No	Full sun	High		Yes	No	September & Rose Lantern cultivars
Golden Chain Tree	<i>Laburnum anagyroides</i>							No	
Spicebush	<i>Lindera benzoin</i>	Moderately	Yes	Sun to part shade	Low	Usually		Yes	
Amur maackia	<i>Maackia amurensis</i>		No	Full sun	None		Yes	No	
Magnolia, Oyama	<i>Magnolia sieboldii</i>							No	
Sweetbay magnolia	<i>Magnolia virginiana</i>	Moderately	Yes	Sun to part shade	None			Yes	Acid soil
Wada's memory magnolia	<i>magnolia 'Wada's memory'</i>			Sun to part shade	Moderate			No	
Flowering crabapple	<i>Malus spp*</i>	Some	No	Full sun	Medium		Yes	No	See list of recommended cultivars*
Crabapple, Red Bud Flowering	<i>Maluszummi calocarpa</i>	Yes						No	
Northern bayberry	<i>Morella pensylvanica</i>	Moderately		Sun to part shade	High	Usually		Yes	male & female plants
American hop hornbeam	<i>Ostrya virginiana</i>	No		Sun to part shade	Medium			Yes	
Sourwood	<i>Oxydendrum arboreum</i>			Full sun to part sh	None	Yes		Yes	Likes acid soil
Persian ironwood	<i>Parrotia persica</i>		No	Full sun	Some		Yes	No	Adapts to clay soil
Accolade flowring cherry	<i>Prunus 'Accolade'</i>	Some	No	Full sun	None		Yes	No	More resistant to disease than most
Plum, Newport Purpleleaf	<i>Prunus cerasifera</i> "Newport"	Some						No	
Columnar Sargent cherry	<i>prunus sargentii columnaris</i>	Some		Sun to part shade				No	Do not plant in fall
Cherry, Amanogawa	<i>Prunus serrulata</i> "Amanogawa"					Yes		No	
Pear, Korean Sun	<i>Pyrus fauriei</i> "Westwood"							No	
Sweet azalea	<i>Rhododendron arborescens</i>	No	Yes	Part shade	Low	Not usually		Yes	Well-drained, acid soil
Coastal azalea	<i>Rhododendron atlanticum</i>	No	Yes	Part shade	Medium			Yes	Acid soil
Flame azalea	<i>Rhododendron calendulaceum</i>			Sun to part shade	Medium			Yes	moist, cool acidic, well-drained soils
Rosebay rhododendron	<i>Rhododendron maximum</i>	No		Part shade	High			Yes	moist, cool, acidic, well-drained soil; avoid exposed locations
Pink azalea	<i>Rhododendron periclymenoides</i>	No		Sun to part shade	Medium			Yes	Moist, acidic soil
Roseshell azalea	<i>Rhododendron prinophyllum</i>		Yes, well drained	Part shade				Yes	Moist, well-drained soil
Swamp azalea	<i>Rhododendron viscosum</i>	No	Yes	Part shade	Medium			Yes	Acid soil
Winged sumac	<i>Rhus copallina</i>	No		Sun	Medium	Usually		Yes	Well-drained, acid soil; spreads
Smooth sumac	<i>Rhus glabra</i>	Moderately		Sun	Medium			Yes	
Staghorn sumac	<i>Rhus typhina</i>	Yes		Sun to part shade				Yes	Forms thickets
Meadow rose	<i>Rosa blanda</i>			Sun	High			Yes	Prefers dry; has thorns
Carolina rose	<i>Rosa carolina</i>	Moderately	Yes, well drained	Sun to part shade	High			Yes	Acid soil
Swamp rose	<i>Rosa palustris</i>	No	Yes	Sun to part shade	Low			Yes	
Prairie rose	<i>Rosa setigera</i>	No		Sun to part shade	High	No		Yes	thornless Rambler
Virginia rose	<i>Rosa virginiana</i>	Moderately		Sun to part shade	Low			Yes	Well-drained acid soil

Shrubs and understory trees (plants under 25 ft tall), page 3

Common Name	Scientific Name	Salt Tolerant?	Tolerant of wet site?	Sun?	Drought Tolerance	Deer Tolerant?	Recommended Street Tree	Native	Remarks
Pussy willow	<i>Salix discolor</i>	No	Yes	Sun	Low	No		Yes	
Black willow	<i>Salix nigra</i>	Moderately	Yes	Sun	Low			Yes	Best along streams
Silky willow	<i>Salix sericea</i>	No	Yes	Sun to part shade	Low			Yes	
Elderberry	<i>Sambucus canadensis</i>	Yes	Yes	Part shade		Usually		Yes	rich, moist, slightly acid soil
Ash, Snowberry	<i>Sorbus discolor</i>							No	Not attacked by EAB
Meadowsweet	<i>Spiraea latifolia</i>		Yes	Sun				Yes	
Steeplebush	<i>Spiraea tomentosa</i>	No	Yes	Sun	Medium			Yes	Moist, slightly acid soil
Stewartia, Korean	<i>Stewartia koreana</i>			Sun to light shade				No	Acid soil
Snowbell, Japanese	<i>Styrax japonicus</i>							No	
Japanese Tree Lilac	<i>Syringa amurensis japonica</i>			Sun to light shade			Yes	No	
Ivory Silk Tree Lilac	<i>Syringa amurensis japonica</i> "Ivory Silk"							No	
Mapleleaf viburnum	<i>Viburnum acerifolium</i>			Sun to part shade				Yes	
Arrowwood viburnum	<i>Viburnum dentatum</i>	Yes	Yes	Sun to part shade	Low	Usually		Yes	Acid soil
Smooth withered viburnum	<i>Viburnum nudum</i>	No	Yes	Sun to part shade	Medium			Yes	Acid soil
Blackhaw viburnum	<i>Viburnum prunifolium</i>	No		Sun to part shade	Medium	Usually		Yes	

***SELECTED DISEASE RESISTANT CRABAPPLES (Fruit litter may be an issue)**

Species and/or Cultivar

'Adams'	'Snowdrift'
'Adirondack'	'Strawberry
American Salute™ ('Amsalzam')	Parfait'
American Spirit™ ('Amerspirzam')	Sugartyme® ('Sutyzam')
American Triumph™ ('Amertrizam')	x zumi 'Calocarpa'
<i>baccata</i> 'Jackii'	
'Cardinal'	
Centurion® ('Centsam')	
'Dolgo'	
'Donald Wyman'	
'Doubloons'	
<i>floribunda</i>	
<i>Naragansett</i>	
'Liset'	
'Prairiefire'	
'Professor	
Sprenger'	
'Purple Prince'	
Red Baron	
Red Jewel™ ('Jewelcole')	
'Robinson'	
Royal Raindrops™ ('JFS-KW5')	
'Sentinel'	

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