

Recommended Native Trees
Princeton, New Jersey
USDA Plant Hardiness Zone 6 - 7

		<u>Primary Characteristics</u>		
<u>Common Name</u>	<u>Botanical Name (<i>Genus species</i>)</u>	<u>Attribute</u>	<u>Disadvantage</u>	
<u>Small Deciduous (15 to 30 ft)</u>				
Buckeye	Red Buckeye	<i>Aesculus pavia</i>	red flowers, spring	leaf scorch in dry conditions
Cherry	Common Chokecherry	<i>Prunus virginiana</i>	fruits for jam	suckering
Crabapple	Southern Crabapple	<i>Malus angustifolia</i>	pink/white flowers, spring, fragrant	susceptible to rust
Dogwood	Pagoda Dogwood	<i>Cornus alternifolia</i>	decorative fruit and stalk	-
	Common Flowering Dogwood	<i>Cornus florida</i>	white/pink flowers, spring	susceptible to anthracnose
Franklinia	Franklinia	<i>Franklinia alatamaha</i>	white flowers, Sept.; rare	finicky
Fringetree	White Fringetree	<i>Chionanthus virginicus</i>	white flowers, spring, fragrant	susceptible to emerald ash borer(?)
Hawthorn	Cockspur Hawthorn	<i>Crataegus crus-galli</i>	white flowers, spring, berries	thorns; malodorous flowers
	Washington Hawthorn	<i>Crataegus phaenopyrum</i>	white flowers, spring, berries	thorns
Hornbeam	American Hornbeam, Ironwood	<i>Carpinus caroliniana</i>	fluted bark; wet site tolerant	-
Magnolia	Sweetbay Magnolia	<i>Magnolia virginiana</i>	white flowers, fragrant	-
Pawpaw	Pawpaw	<i>Asimina triloba</i>	fruit; brilliant golden fall foliage	fruit can attract deer
Redbud	Eastern Redbud	<i>Cercis canadensis</i>	violet flowers	-
Serviceberry	Allegheny Serviceberry	<i>Amelanchier laevis</i>	white flowers, spring, berries	susceptible to cedar apple rust
	Shadblow Serviceberry	<i>Amelanchier arborea</i>	white flowers, spring, berries	susceptible to cedar apple rust
Sourwood	Sourwood	<i>Oxydendrum arboreum</i>	white flowers, spring, fall color	-
Viburnum	Blackhaw Viburnum	<i>Viburnum prunifolium</i>	white flowers, spring, berries	-
<u>Medium Deciduous (30 to 50 ft)</u>				
Catalpa	Southern Catalpa	<i>Catalpa bignonioides</i>	white flowers, spring	weak-wooded
Honeylocust	Thornless Common Honeylocust	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	tiny leaves, little fall cleanup	overplanted
Hornbeam	Hophornbeam	<i>Ostrya virginiana</i>	fall color	-
Magnolia	Bigleaf Magnolia	<i>Magnolia macrophylla</i>	white flowers, spring	-
	Umbrellatree Magnolia	<i>Magnolia tripetala</i>	white flowers, spring	-
Osage-Orange	Osage-Orange	<i>Maclura pomifera</i>	good for hedgerows	fruit can be messy; thorns
Persimmon	Common Persimmon	<i>Diospyros virginiana</i>	fruit; great bark	fruit can attract deer
Silverbell	Carolina Silverbell	<i>Halesia tetraptera</i>	white or pink flowers, spring	-
Smoketree	American Smoketree	<i>Cotinus obovatus</i>	puffy flowers	-
Tamarack	Tamarack	<i>Larix laricina</i>	deciduous conifer; delicate	-
Willow	Black Willow	<i>Salix nigra</i>	wet site tolerant	shallow roots dislike dry conditions

Large Deciduous (50 ft and greater)

Baldcypress	Common Baldcypress	<i>Taxodium distichum</i>	graceful; golden in fall; wet/dry areas	-
Beech	American Beech	<i>Fagus grandifolia</i>	monumental	dense shade inhibits other plants
Birch	Black, Sweet, or Cherry Birch	<i>Betula lenta</i>	golden fall color	bronze birch borer when stressed
	Gray Birch	<i>Betula populifolia</i>	whitish bark	bronze birch borer when stressed
	River Birch	<i>Betula nigra</i>	attractive bark in youth; wet sites	-
Catalpa	Northern Catalpa	<i>Catalpa speciosa</i>	white flowers, spring	weak wooded
Cherry	Black Cherry	<i>Prunus serotina</i>	berries great for birds	for natural areas (can be weedy)
Gum	Black Gum, Sour Gum, Tupelo	<i>Nyssa sylvatica</i>	fall color; rare	-
	Sweetgum	<i>Liquidambar styraciflua</i>	fall color; aromatic foliage	fruit messy
Hackberry	Hackberry	<i>Celtis occidentalis</i>	berries for birds	can be susceptible to diseases
Hickory	Pignut Hickory	<i>Carya glabra</i>	fall color	nut debris
	Shagbark Hickory	<i>Carya ovata</i>	decorative bark, fall color; nuts	nut debris
	Shellbark Hickory	<i>Carya laciniosa</i>	decorative bark, fall color; nuts	nut debris
Kentucky Coffeetree	Kentucky Coffeetree	<i>Gymnocladus dioica</i>	hardy, interesting	pod debris
Linden	Basswood, or American Linden	<i>Tilia americana</i>	grand; flowers fragrant	-
Magnolia	Cucumber tree Magnolia	<i>Magnolia acuminata</i>	grand; sparse flowering	not urban tolerant
Maple	Red Maple	<i>Acer rubrum</i>	fall color; wet site tolerant	weedy, overplanted
	Silver Maple	<i>Acer saccharinum</i>	good in poor soils; natural areas	weak wooded with age
	Sugar Maple	<i>Acer saccharum</i>	fall color; special native tree	sensitive to salt
Oak	Black Oak	<i>Quercus velutina</i>	related to red oak	uncommon in commerce
	Bur Oak	<i>Quercus macrocarpa</i>	frilly acorns, large leaves	difficult to transplant; huge
	Pin Oak	<i>Quercus palustris</i>	lacy silhouette; wet site tolerant	susceptible to bacterial leaf scorch
	Red Oak	<i>Quercus rubra</i>	fall color; easy to transplant	susceptible to bacterial leaf scorch
	Scarlet Oak	<i>Quercus coccinea</i>	fall color	susceptible to bacterial leaf scorch
	Swamp White Oak	<i>Quercus bicolor</i>	wet site tolerant; salt tolerant	holds leaves in winter
	White Oak	<i>Quercus alba</i>	majestic; significant to Princeton	susceptible to bacterial leaf scorch
Sassafras	Willow Oak	<i>Quercus phellos</i>	lance-shaped leaves	susceptible to bacterial leaf scorch
	Sassafras	<i>Sassafras albidum</i>	mitten foliage, fabulous fall color	hard to transplant; suckering
Sycamore	American Sycamore	<i>Platanus occidentalis</i>	white bark; wet site tolerant	bark debris (good for kindling); huge
Tuliptree	Tuliptree	<i>Liriodendron tulipifera</i>	tall; good for natural areas	weak wooded
Walnut	Butternut	<i>Juglans cinerea</i>	-	susceptible to canker
	Black Walnut	<i>Juglans nigra</i>	for natural areas; wildlife	nuts can stain; inhibits some plants
Yellowwood	Yellowwood	<i>Cladastris kentuckea</i>	white flowers, spring, fragrant	can be weak wooded

Evergreen

Cedar	American Arborvitae	<i>Thuja occidentalis</i>	excellent screening	deer love it
	Atlantic Whitecedar	<i>Chamaecyparis thyoides</i>	screening; wet site tolerant	off color in winter
Fir	Douglas Fir	<i>Pseudotsuga menziesii</i>	tall	-
Hemlock	Eastern Hemlock	<i>Tsuga canadensis</i>	shade tolerant	wooly adelgid problem
Holly	American Holly	<i>Ilex opaca</i>	red berries	grows slowly
Juniper	Eastern Redcedar	<i>Juniperus virginiana</i>	screening; wildlife	harbors cedar apple rust
Magnolia	Southern Magnolia	<i>Magnolia grandiflora</i>	white, fragrant, exotic flowers	winter damage
Pine	Eastern White Pine	<i>Pinus strobus</i>	screening when young; artistic	weak wooded