

May 13, 2021 Newtown Township Recommended Shade Tree Commission Tree List - (PA Hardiness Zone: 5b to 7a)

Common Name	Botanical Name	Native to U.S.	Size	Height (ft)	Conditions	Notes
<b>Small</b>						
American Dogwood	<i>Cornus florida</i>	Yes	Small	15 to 30		Lovely spring flowers
American Hophornbeam (iron wood)	<i>Ostrya virginiana</i>	Yes	Small	20 to 40		Known for hard dense wood
American Hornbeam	<i>Carpinus caroliniana</i>	Yes	Small	20 to 30	Moist to Wet Areas	Taut muscly bark
Cockspur Hawthorn	<i>Crataegus crus-galli</i>	Yes	Small	20 to 30	heat and draught tolerant	Great fall color and fruit; good screen plant but thorny
Downy Serviceberry	<i>Amelanchier canadensis</i>	Yes	Small	to 25		Early bloom; good for birds
Eastern Redbud	<i>Cercis canadensis</i>	Yes	Small	20 to 30		Lovely spring flowers
Flowering Crabapple	<i>Malus spp</i>	Yes	Small	15 to 25		Flowers and edible fruits; good for birds
Foster's Hybrid Hollies	<i>Ilex x attenuata</i>	Yes	Small	20 to 30		
Fringetree	<i>Chionanthus virginicus</i>	Yes	Small	to 35		Fragrant flowers
Japanese Maple	<i>Acer palmatum</i>	No	Small	to 30		Great leaves, texture, and habitat
Pagoda Dogwood	<i>Cornus alternifolia</i>	Yes	Small	15 to 25		Interesting growth habitat and flowers
Paperbark Maple	<i>Acer griseum</i>	No	Small	to 30		Interesting bark; great fall color
Longstalk Holly	<i>Ilex pedunculosa</i>	No	Small	to 20		Evergreen
Shadbush	<i>Amelanchier canadensis</i>	Yes	Small	~ 15		Flowers and edible fruit; good for birds
Sweetbay Magnolia	<i>Magnolia virginiana</i>	Yes	Small	10 to 20	Wet Areas	Semi-evergreen; fragrant summer flowers

<b>Medium</b>						
American Holly	<i>Ilex opaca</i>	Yes	Medium	40 to 50		Evergreen, fruits on females
Cherry Birch	<i>Betula lenta</i>	Yes	Medium	40 to 55		Smells like birch beer
Eastern Redcedar	<i>Juniperus virginiana</i>	Yes	Medium	40 to 50		
Hackberry	<i>Celtis occidentalis</i>	Yes	Medium	40 to 60	Wet Areas	Lovely tree
Japanese Stewartia	<i>Stewartia pseudocamellia</i>	No	Medium	50 to 60		Interesting bark, fall color
Kobus magnolia	<i>Magnolia kobus</i>	No	Medium	to 30		white flowers
Sassafras	<i>Sassafras albidum</i>	Yes	Medium	30 to 60		Colonizes (spreads)
Sour gum or Black Tupelo	<i>Nyssa sylvatica</i>	Yes	Medium	30 to 50	Wet Areas	Great fall color
Sourwood	<i>Oxydendrum arboreum</i>	Yes	Medium	30 to 60		Flowers, great fall color
Winter flowering cherry	<i>Prunus subhirtella 'Autumnalis'</i>	No	Medium	40 to 50		Blooms spring and fall

<b>Large</b>						
American Beech	<i>Fagus grandifolia</i>	Yes	Large	75 to 100		Perfer a forest setting
American cherry	<i>Prunus serotina</i>	Yes	Large	50 to 80		fruit for wildlife
American Elm hybrids	<i>Ulmus americana</i>	Yes	Large	60 to 80	Wet/Moist	Caution: dutch elm disease, great structure
American Linden or Basswood	<i>Tilia americana</i>	Yes	Large	60 to 80		Fragrant flowers attract bees
American Sycamore	<i>Platanus occidentalis</i>	Yes	Large	80 to 120	Wet Areas	Great bark, bit messy
Bald Cypress	<i>Taxodium distichum</i>	Yes	Large	50 to 70	Wet Areas	Good for erosion control but knees present trip and moving hazards; deciduous conifer
Cucumber Magnolia	<i>Magnolia acuminata</i>	Yes	Large	50 to 80		Large flowers
Catalpa	<i>Catalpa sp.</i>	Yes	Medium	40-60		
Ginkgo 'Sentry'	<i>Ginkgo biloba 'Sentry'</i>	No	Large	60-100		
Dawn Redwood	<i>Metasequoia glyptostroboides</i>	no	Large	70 to 100	Wet	Deciduous; fall color, great habitat
Mountain Silverbell	<i>Halesia monticola</i>	Yes	Large	to 100		Interesting bark and flowers
River Birch	<i>Betula nigra</i>	Yes	Large	40 to 70	Wet Areas	amazing bark, but messy
Southern Magnolia	<i>Magnolia grandiflora</i>	Yes	Large	to 90		Evergreen, large white fragrant flowers
Sweet Gum	<i>Liquidambar styraciflua 'Rotundiloba'</i>	Yes	Large	60 to 75	moist wet areas	good fall color
Swamp White Oak	<i>Quercus bicolor</i>	Yes	Large	60-100		
Tulip Tree	<i>Liriodendron tulipifera</i>	Yes	Large	to 160	Wet Areas	PA Native forest tree
White Oak	<i>Quercus alba</i>	Yes	Large	80 to 100		Fall color
Willow Oak	<i>Quercus phellos</i>	Yes	Large	60 to 100		Tiny leaves

<b>Evergreens</b>						
Nootka Cypress	<i>Chamaecyparis nootkatensis</i>	Yes	Small	up to 100		
Atlantic White Cedar	<i>Chamaecyparis thyoides</i>	Yes	Medium	40 to 50	Wet	
Japanese cryptomeria	<i>Cryptomeria japonica</i>	No	Medium	50 to 60		Deer resistant; different winter coloration
Limber Pine	<i>Pinus flexilis</i>	Yes	Medium	30 to 65		
Short leaf Pine	<i>Pinus echinata</i>	Yes	Medium	50 to 60		
California incense cedar	<i>Calocedrus decurrens</i>	Yes	Large	70 to 110		
Eastern White Pine cultivar Fastigiata	<i>Pinus strobus</i>	Yes	Large	30 to 100		similar to white pine but smaller and more columnar
American Holly	<i>Ilex opaca</i>	Yes	Large	15-30		
Ilex 'Nellie R. Stevens' Holly	<i>Ilex x. 'Nellie R. Stevens'</i>	No	Medium	15-25		
Black Hills Spruce	<i>Picea glauca</i>	No	Medium	30-40		
Norway Spruce	<i>Picea abies</i>	No	Large	40-60		
Oriental Spruce	<i>Picea orientalis</i>	No	Large	60-100		

Cultivars and substitutions to be discussed by the Shade Tree Commission

Penn State Extension Invasive List:  
<https://plantscience.psu.edu/research/projects/wild-and-weed-management/publications/invasive-species-quick-sheets>