

**ORDINANCE NO. 2018-06
RADNOR TOWNSHIP**

**AN ORDINANCE OF RADNOR TOWNSHIP, DELAWARE COUNTY,
PENNSYLVANIA, AMENDING CHAPTER 263, TREES, SECTION 263-9,
REVISING AND UPDATING APPENDIX "A" FOR THE
RECOMMENDED TREE LIST FOR RADNOR TOWNSHIP**

Pursuant to recommendations of the Radnor Township Shade Tree Commission, the Radnor Township Board of Commissioners does hereby ENACT and ORDAIN, as follows:

SECTION I

Chapter 263, Trees. Section 263-9.A. (2), is hereby revised and amended to read as follows:

263-9.A. (2).

The Shade Tree Commission encourages all residents to plant, maintain and assume stewardship for street trees within the Township.

Appropriate species and recommended sizes for new or replacement trees are listed on Appendix "A" of this Chapter and can be viewed on the Township's website. The Township reserves the right to amend and update Appendix "A" by separate resolution on an annual basis.

Careful attention should be given to encouraging proper planting, especially under utility wires, as to location, it is advisable to consult the Shade Tree Commission for appropriate locations for new street trees.

SECTION II

Appendix "A" to Chapter 263, Trees is hereby revised and updated to establish a new Appendix "A": Recommended Trees for Radnor Township, a copy of which is attached to this ordinance as Exhibit "1".

SECTION III Repealer.

All ordinances or parts of ordinances which are inconsistent herewith are hereby repealed.

SECTION IV Severability.


If any section, paragraph, subsection, clause or provision of this Ordinance shall be declared invalid or unconstitutional by a court of competent jurisdiction, such decision shall not affect the validity of this Ordinance as a whole or any part thereof other than that portion specifically declared invalid.

SECTION V Effective Date.

This Ordinance shall become effective in accordance with the Home Rule Charter of Radnor Township.







ENACTED AND ORDAINED this 11 day of June, A.D., 2018.








**RADNOR TOWNSHIP
BOARD OF COMMISSIONERS**






By: 
Name: Lisa Borowski
Title: President







ATTEST: 
Robert A. Zienkowski, Secretary




APPENDIX A TO CHAPTER 263, TREES


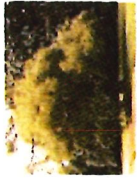




Tree species Scientific name	Shape	Visual interest	Frequency of planting	Preferred cultivars	Notes
LARGE CANOPY TREES >50 ft. Acer rubrum			Sparingly	"Red Sunset"	ALB Host Native to North America; Climate change resistant, well adapted
Aesculus hippocastanum		White May flowers	Sparingly	"Baumann"	ALB Host Native to Eastern Europe Hardy
Betula nigra		Ornamental bark	Sparingly	"Durahat", "Heritage" "Northern Tribute"	ALB Host; Plant single stem only
Celtis occidentalis		Ornamental bark	Sparingly	"Magnificat"	ALB Host Hardy
Cercidiphyllum japonicum			Sparingly	"Claim Jumper", "Red Fox"	ALB Host; Plant single stem only
Cladrastis lutea		Clusters of fragrant white flowers louches with yellow centers			Native to North America





<i>Corylus columa</i>	Turkish fibert		Excellent form character Pest free corky bark	Sparingly		Native to Southeast Europe Heat tolerant
<i>Fagus grandifolia</i>	American Beech		Under stress by climate			Native to North America
<i>Fagus sylvatica</i>	European beech		Less climate stress than American		*Asplenifolia; *Dawycki Purple*	Beech Bleeding Disease
<i>Eucemmla ulmoides</i>	Hardy Rubber Tree		Foliage is pest free	Frequently		Native to China
<i>Ginkgo bilboa</i>	Maidenhair Tree		Yellow Fall color. unique fan shaped leaves	Moderately	*Autumn Gold*; *Magyar* *Princeton Sentry*	Male only; very tough tree females have rotten smelly fruit
<i>Gleditsia triacanthos</i>	Common honeylocust		Good lawn tree; Yellow Fall color	Moderately	*Shademaster*; *Halka*; *Imperial*; *Skyline*	Native, disease and pest prone climate change resistant
<i>Gymnocladus dioicis</i>	Kentucky Coffeetree		Large tropical leaves Choice tree for parks	Frequently	*Espresso; Prairie Titan*	Native to North America






Liquidambar styraciflua Roundleoba				Excellent Fall color Prefer seedless cultivars Shallow roots	Frequently	"Roundleoba"; "Worpleston" "Cherokee"	Native to North America; produces round spiky tree seeds not for sidewalks
Liriodendron tulipifera				Orange/Green June flowers Among our tallest hardwoods	Moderately		Native to North America; Vulnerable to climate change; Needs large environment; aphid honeydew makes sooty mold
Melastoea glyptostroboides				Pyramidal shape	Moderately		Ideal for groves, stream sites Native of China; fast growing and pest free
Nyssa sylvatica				Nice red Fall color with shiny autumn leaves	Moderately	"Red Rage"; "Fatum"	Ideal for wet sites
Platanus x acerifolia				Ornamental bark; not a great street tree	Sparingly	"Bloodgood"; "Columbia"	Native to Britain





Quercus acutissima	Sawtooth Oak		Wide spreading, clean, lollaped	Moderately		Native to Japan, Korea, China
Quercus alba	White Oak		Ornamental bark	Sparingly		Native to North America Majestic in a large space. Moderately vulnerable to climate change: great bird food tree
Quercus bicolor	Swamp White Oak		Ornamental flaking bark	Moderately		Native to North America; great bird food tree
Quercus falcata	Italian Oak		Glossy deep green leaves	Moderately	"Forest Green"	Native to Southeastern Europe
Quercus imbricaria	Shingle Oak		Blade-like leaf	Moderately		Works well in lawns and streets Native to North America: great bird food tree
Quercus macrocarpa	Bur Oak		Excellent park tree	Moderately		Native to North America: great bird food tree




Quercus muehlenbergii	Chinkapin Oak		Also called Yellow Chestnut Oak: Quite attractive, especially in old age	Moderately		Native to North America: great bird food tree
Quercus phellos	Willow Oak		Blade-like leaf, best oak for overall texture and form	Moderately	"Hightower"	Native to North America: great bird food tree
Quercus prinus	Chestnut Oak		Tough landscape candidate	Sparsingly		Native to North America: great bird food tree
Quercus robur	English Oak		Dark blue to dark green leaves	Moderately	"Fastigiata"	Native to Europe: exceptionally salt tolerant
Quercus shumardii	Shumard Oak		Easy to transplant	Moderately		Native to North America: great bird food tree
Quercus texana	Nutall Oak			Moderately		Native to North America: great bird food tree







Quercus velutina	Black Oak				Sparingly				Native to North America. Not important in commerce; great bird food tree
Styphnolobium japonicum	Japanese Pagoda Tree		White June flowers		Sparingly		"Princeton Upright"; "Regent"		Avoid planting near natural areas
Taxodium distichum	Bald Cypress		Strong pyramidal shape		Moderately				Ideal for wet sites; Native to North America; Adapted to colder climates
Tilia americana	American Linden		Red Winter twigs		Moderately		"Redmond"; "McSentry"		Excellent in partial shade; Native to North America
Tilia cordata	Littleleaf Linden				Sparingly		"Glenleyn"; "Shamrock"		Sensitive to excessive salt; Native to Europe
Tilia tomentosa	Silver Linden		Fragrant Spring flowers with Silver underside to leaves		Frequently		"Sterling"; "Green Mountain"		Native to Southeastern Europe
Tilia x eucchiara	Crimson Linden		Fragrant Spring flowers		Moderately		"Laurehuus"		Vigorous with straight trunk







<i>Ulmus americana</i>	American Elm				Springily		Emerald Sunshiner, Princeton, Frontier, New Harmony	Native to North America
<i>Ulmus cultivars</i>	Elm hybrids				Springily		Acollade, New Horizon, Princeton	Princeton has demonstrated moderate resistance to Dutch Elm Disease
<i>Ulmus parvifolia</i>	Asian Elm				Springily		Alice, Dynasty	
<i>Zelkova serrata</i>	Zelkova		Attractive bank in older trees		Moderately		Musashino, Green Vase	Native to Japan, Korea; not a bird food source; Resistant to Dutch Elm Disease







Tree species	Common name	Shape	Visual interest	Frequency of planting	Preferred cultivars	Notes
Scientific name LARGE EVERGREEN TREES > 50 ft. Abies concolor	White Fir				"Candicans"	Native to North America; disease resistant
Abies nordmanniana	Nordmann Fir		Handsome, black green needles		"Pendula"	Native to Asia
Cedrus atlantica	Atlas Cedar		Bluish color; specimen use only		"Argentea", "Aurea"	Native to Algeria and Morocco
Cydonia japonica	Japanese Cedar		Use as specimen or for avenues		"Ben Franklin", "Black Dragon"	Native to China and Japan
Picea abies	Norway Spruce		Can lose form in old age		"Argentospica"	Should be planted judiciously. Native to north and central Europe







Picea orientalis	Oriental Spruce		Graceful and attractive habit	"Aloviensis"	Native to Caucasus, Asia Minor	
Picea omonita	Serbian Spruce		Excellent foliage, narrow growth	"Expansa", "Nana"	Native to Southeastern Europe	
Pinus flexilis	Limber Pine		Adaptable	"Columbianis", "Extra Blue"	Native to Western U.S.	
Tree species	Scientific name	Shape	Visual interest	Frequency of planting	Preferred cultivars	Notes
	Common name					
	MEDIUM AND SMALL CANOPY TREES > than 20 but < than 50 feet					
Aesculus x carnea	Red Horsechestnut		Lustrous dark green leaves; Red May flowers	Springly	"Fort McNair"	Native to North America
Acer campestre	Hedge Maple		Handsome dark green in summer	Springly	"Evening", "Metro Gold"	Native to Europe; ALB host








Acer glabrum	Amur Maple		Palis or screen tree: very hardy	Springly	"Flame", "Ruby Slippers"	Native to Central and Northern China: ALB host
Acer ginnala						
Acer griseum	Paperbark Maple		Ornamental peeling bark	Springly	"Cinnamon Flake", "Gingerbread"	Native to Central China: ALB host
Acer latianum	Tatarian Maple		Good for small jobs	Springly	"Flame", "Rubrum"	Native to Southeast Europe: ALB host
Acer truncatum	Painted Maple		Purple Spring flowers: Excellent Fall color	Springly	"Nonsequan Sunset"	Native to Northern China: ALB host
Acer buergerianum	Trident Maple		New growth rich bronze to purple with flaky orange bark	Springly	"Streetwise"	Good for small spaces: Native to China ALB host
Acer palmatum	Japanese Maple		Flexible for many landscape uses Small tree to purple flowers	Springly	"Moonfire", "Garnet", "Waterfall"	Native to China, Japan, Korea: ALB host

Amelanchier canadensis	Serviceberry		White Spring flowers: Excellent Fall color	Frequently	"Robin Hill", "Cumulus", "Spring Flurry"	Plant single stem only. Native to North America
Amelanchier arborea	Downy Serviceberry		Pinkish white flowers; Superior clone in trade	Sparingly	"Autumn Brilliance", "Cole", "Ballarina"	Also called Shadbush; Native to North America
Amelanchier laevis	Allegheny Serviceberry		Bronze leaf color as they unfold	Sparingly		Native to North America
Alnus	Alders		Young bark often lustrous gray-green; Bears fruit	Sparingly	"Aurea", "Pendula"	Native to Europe
Betula lenta	Sweet Birch		Leaves color goes from dark green in summer to yellow in Fall	Sparingly		Native to North America
Betula nigra	River Birch		Exfoliating bark	Sparingly	"Dura-heat", "Heritage"	Good for large areas Native to North America







Carpinus betulus	European Hornbeam		Fine landscape tree; excellent screening tree	Moderately	"Fastigiata"	Becomes wider with age; Native to Europe
Carpinus caroliniana	American Hornbeam		Best in naturalized situation; orange-red Fall color	Moderately	"Fallsade", "Pyramidalis", "Wisconsin Red"	Native to North America
Carpinus japonicum	Japanese Hornbeam		Wide-spreading branches	Sparsely		Native to Japan
Chamaecyparis nootkatensis	Alaska Cedar		Attractive pendulous form	Sparsely	"Pendula"	Native to North America
Chamaecyparis obtusa	Hinoki False Cypress		Rock garden winner	Sparsely	"Crippsii", "Nana"	Native to Japan and Formosa
Chionanthus retusus	Fringe Tree		Snow white flowers	Moderately		Native to China, Korea and Japan; Plant single stem only; easily grown


<i>Cladrastis kentuckea</i>	Yellowwood		Fragrant early summer flowers	Moderately	"Sweetshade", "Rosae"	Native to North America
<i>Cornus kousa</i>	Kousa Dogwood		Large summer flowers	Sparingly	"Summer Stars", "Milky Way", "Big Apple", "Greensleeves"	Native to Himalayas, China and Japan
<i>Cornus mas</i>	Comelian-Cherry Dogwood		Yellow flowers	Sparingly	"Spring Sun", "Flava"	First Spring flowering tree; Native to Central, Southern Europe; Western Asia
<i>Crataegus crusgalli</i>	Cockspur Hawthorn		White Spring flowers	Moderately	"Hooks", "Splendans"	Thornless; Native to North America
<i>Crataegus phaenopynum</i>	Washington Hawthorn		Foliage goes from reddish purple to lustrous dark green	Sparingly	"Clark", "Princeton Sentry"	Native to North America
<i>Crataegus punctata</i>	Dotted Hawthorn		White flowers	Moderately	"Aurea"	Also known as Thicket Hawthorn; Native to North America

<i>Crataegus viridis</i>	Winter King Hawthorn		Medium green foliage changes to scarlet and purple	Moderately		Native to North America
<i>Halesia carolina</i>	Carolina Silverbell		White flowers. Leaves are dark yellowish green in summer		"Arnold Pink", "Rosa"	Great in shrub and woodland borders. Native to North America. Vigorous
<i>Ilex aquifolium</i>	English Holly		Lustrous dark green color		"Clara Major", "Sparkler"	Native to Europe, Northern Africa and W. Asia
<i>Ilex crenata</i>	Japanese Holly		Dense foundation planting		"Chesapeake"	Native to Japan, Korea
<i>Ilex x 'Nellie Stevens'</i>	hybrid		Vigorous and fast growing			
<i>Ilex x meserveae</i>	Meserve Hybrid Holly				"Dragon Lady", "China Girl"	Warmly embraced by Northern gardeners

<i>Ilex opaca</i>	American Holly		Fruit can be spectacular on good selections	"Dan Fenton", "Miss Helen"	Native to N. America. requires male and female for fruit set.
<i>Koeleria paniculata</i>	Goldenrain tree		Perfect yellow flowers	"Fastigiata", "September"	Excellent as a small yard tree; native to China, Japan and Korea
<i>Maackia amurensis</i>	Amur Maackia		Perfect dull white flowers	"Starburst"	Late summer flowers. Native to Manchuria
<i>Magnolia acuminata</i>	Cucumber tree		Perfect yellowish green petals	"Bullerflies", "Elizabeth"	Excellent for large properties; Native to North America Plant single stem only
<i>Magnolia virginiana</i>	Sweetbay Magnolia		Creamy white, lemon scented flowers	"Opelousas", "Nimbus", "Green Shadow", "Moon Glow"	Graceful, small patio tree; Native to North America
<i>Malus</i>	Crabapple		Spring flowers	"Cardinal", "Prairie Fire", "Prolusion", "Spring Snow"	Plant single stem only
<i>Ostrya virginiana</i>	Ironwood		Ornamental bark		Good park tree; Native to North America Shade tolerant

Oxydendrum arboreum	Sourwood		Flowers are white perfect urn shaped leaves change to purple, red and yellow in Fall			"Chamaeleon"	All season ornamental Native to North America
Parrotia persica	Persian Parrotia		Ornamental bark and excellent Fall color Maroon Spring flowers			"Billmore"	Native to Iran
Pinus bungeana	Lacebark Pine		Lustrous medium to dark green			"Compacta"	Native to China
Prunus campanulata	Okame Cherry					"Okame"	One of the earliest flowering cherries; Native to Formosa
Prunus sargentii	Sargent Cherry		Spring flowers, red Fall color			"Accolade", "Spre"	Beautiful in flower but not in Zone 7; Native to Japan
Prunus serrulata	Kwanzan Cherry		Large pink Spring flowers			"Royal Burgundy", "Snow Goss"	Native to China, Korea

<i>Prunus virginiana</i>	Common Chokeberry		Feardish purple			"Shubert", "Canada Red"	Fruit can be used in jams and jellies; Native to North America
<i>Prunus yedoensis</i>	Yoshino Cherry		Spring white/pink flowers	Sparingly		"Doybreak"	
<i>Stewartia koreana</i>	Korean Stewartia		Large white summer flowers	Sparingly			Native to Korea
<i>Stewartia pseudocamellia</i>	Japanese Stewartia		Outstanding bark				Among most desirable of landscape trees
<i>Syringa reticulata</i>	Tree Lilac		White May flowers	Frequently		"Ivory Silk", "China Gold"	Native to N. Japan; does not tolerate hot dry sites
<i>Syringa pabkinensis</i>	Tree Lilac		White May flowers	Frequently		"China Snow"	Native to Northern China

Thuja plicata	Green Giant		Useful for hedges	Frequently	Native to North America
Not Recommended					
Invasive or exotic species					
Acer platanoides	Norway Maple				
Acer pseudoplatanus	Sycamore Maple				
Acer saccharinum	Silver Maple				
Acer negundo	Box Elder				
Alnus incana	Tree of Heaven				
Alnus glutinosa	Japanese Angelica Tree				
Betula pubescens	Paper Birch				
Betula pendula	European Whitebark Birch				
Corylus avellana	Paper Mulberry				
Corylus heterophylla	China Mulberry				
Cupressus nivalis	Syrian Cypress				
Elaeagnus angustifolia	Russian Olive				
Fragaria virginiana	Wild Strawberry				
Fraxinus americana	White Mulberry				
Fraxinus pennsylvanica	Princess Tree				
Gleditsia triacanthos	American Honey Locust				
Pinus strobus	Pinus strobus				
Pinus resinosa	Austrian Pine				
Pinus sylvestris	Scots Pine				
Populus deltoides	Cottonwood				
Pyrus calleryana	Callery Pear				
Quercus palustris	Pin Oak				
Quercus coccinea	Scarlet Oak				
Quercus rubra	Red Oak				
Robinia pseudoacacia	Black Locust				
Salix caprea	Lombardy Poplar				
Salix purpurea	Willow				
Sorbus aucuparia	European Mountain Ash				
Taxus canadensis	Canada Hemlock				
Ulmus americana	American Elm				
Ulmus parvifolia	Chinese Elm				
Ulmus pumila	Siberian Elm				