

## Small Trees

Genus	Species	Common Name	Type	Mature size (WxH)	Minimum Spacing (Ft.) Along streets	Growth Rate	Light	Street Tree	Pollution Resistant	Limit Use	Powerline Compatible	Native to region	Visual Attraction	Wildlife value	Shade Tree	Suggested Cultivars	Notes for use/Disease susceptibility
<i>Acer</i>	<i>griseum</i>	Paperbark maple	Deciduous small tree	15x20	15	Slow	Full to partial sun	✓			✓		Attractive bark	None			Single-trunked for street trees, multi-trunk in large plantings
<i>Aesculus</i>	<i>pavia</i>	Red buckeye	Deciduous small tree	15x20	15	Medium	Full to partial sun	✓			✓		Prominent red flowers	Low			
<i>Amelanchier</i>	<i>arborea</i>	Downy serviceberry	Deciduous small tree	20x25	15	Slow	Partial sun to shade	✓	✓		✓	✓	White flowers	Moderate			Single-trunked for street trees, multi-trunk in large plantings. Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.
<i>Amelanchier</i>	<i>canadensis</i>	Shadblow serviceberry	Deciduous small tree	15x20	15	Slow	Partial sun to shade	✓	✓		✓	✓	White flowers	Moderate			Single-trunked for street trees, multi-trunk in large plantings. Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health. X grandiflora 'Autumn brilliance', a hybrid with A. laevis is also acceptable, and may be more formal.
<i>Amelanchier</i>	<i>laevis</i>	Allegheny serviceberry	Deciduous small tree	15x30		Slow	Partial sun to shade		✓		✓	✓	White flowers	Moderate			Single-trunked for street trees, multi-trunk in large plantings. Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.
<i>Carpinus</i>	<i>caroliniana</i>	American hornbeam	Deciduous small tree	20x30	15	Slow	Partial sun to shade	✓			✓	✓	Attractive bark	High			
<i>Castanea</i>	<i>pumila</i>	Chinquapin	Deciduous small tree	12x20		Slow	Full to partial sun				✓	✓	Edible spiky fruit	High			More resistant to Chestnut blight than related American Chestnut. Fruit also edible.
<i>Cephalanthus</i>	<i>occidentalis</i>	Buttonbush	Deciduous small tree	12X12		Slow	Full sun to shade		✓		✓	✓	Round white flowers	High			
<i>Cercis</i>	<i>canadensis</i>	Eastern redbud	Deciduous small tree	20x20	15	Medium	Partial sun to shade	✓			✓	✓	Purple flowers	Moderate			Single-trunked for street trees, multi-trunk in large plantings. Can form damaging cankers, which can be controlled by selective pruning.
<i>Chionanthus</i>	<i>virginicus</i>	White fringetree	Deciduous small tree	10x15	15	Slow	Full to partial sun	✓			✓	✓	White flowers	Moderate			Susceptible to Emerald Ash Borer
<i>Cornus</i>	<i>alternifolia</i>	Pagoda dogwood	Deciduous small tree	15x15		Medium	Partial sun to shade				✓	✓	White flowers	High			Susceptible to dogwood anthracnose, which can be prevented by regular watering during dry times
<i>Cornus</i>	<i>florida</i>	Flowering dogwood	Deciduous small tree	20x30		Medium	Partial shade				✓	✓	White flowers	High	Stellar, Rutgers		Susceptible to dogwood anthracnose, which can be prevented by regular watering during dry times
<i>Cornus</i>	<i>kousa</i>	Kousa dogwood	Deciduous small tree	15x20		Medium	Full sun to shade				✓		White flowers	None			Single-trunked for street trees, multi-trunk in large plantings
<i>Corylus</i>	<i>americana</i>	American hazelnut	Deciduous small tree	25x30		Slow	Partial shade				✓	✓	Pale catkins	Moderate			
<i>Cotinus</i>	<i>obovatus</i>	American smoketree	Deciduous small tree	15x20	15	Slow	Full sun	✓			✓		Fluffy white flowers	Moderate			Single-trunked for street trees, multi-trunk in large plantings
<i>Crataegus</i>	<i>crus-galli</i>	Cockspur hawthorn	Deciduous small tree	25x25		Slow	Full sun		✓		✓	✓	White flowers	High			Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.
<i>Crataegus</i>	<i>phaenopyrum</i>	Washington hawthorn	Deciduous small tree	20x30	15	Medium	Full sun to shade	✓			✓	✓	White flowers	Moderate			Single-trunked for street trees, multi-trunk in large plantings. Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.
<i>Crataegus</i>	<i>viridis</i>	Green hawthorn	Deciduous small tree	20x30	15	Slow	Partial sun to shade	✓	✓		✓	✓	White flowers, striking fall color	Moderate	Winter King		Single-trunked for street trees, multi-trunk in large plantings. Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.
<i>Halesia</i>	<i>carolina</i>	Carolina Silverbell	Deciduous small tree	15x30	15	Medium	Full to partial sun	✓			✓		white bell flowers	Moderate			Single-trunked for street trees, multi-trunk in large plantings
<i>Ilex</i>	<i>x attenuata</i>	Foster's holly	Evergreen small tree	8x20		Slow	Full to partial sun		✓		✓		Attractive winter berries	Low	Fosteri, Savannah		
<i>Juniperus</i>	<i>virginiana</i>	Eastern redcedar	Evergreen medium tree	15x40	15	Fast	Full sun	✓	✓		✓	✓	Evergreen	High			Susceptible to cedar-apple rust, which does not affect the overall health of the tree. Can be used as a street tree if limbed up properly
<i>Magnolia</i>	<i>stellata</i>	Star magnolia	Deciduous small tree	10x20		Slow	Partial shade				✓		White flowers	None			
<i>Magnolia</i>	<i>virginiana</i>	Sweetbay magnolia	Evergreen small tree	20x40	15	Medium	Full to partial sun	✓			✓	✓	White flowers	High			Semi-evergreen, depending on the local heat regime. "Henry Hicks" can be used under power lines. Single stem only for street trees.
<i>Magnolia</i>	<i>x Galaxy</i>	Galaxy magnolia	Deciduous small tree	20x30	15	Medium	Full sun	✓	✓		✓		Dark red purple flowers	None			Perfect for narrow, small plantings
<i>Magnolia</i>	<i>x soulangiana</i>	Saucer magnolia	Deciduous medium tree	20-30		Medium	Full sun				✓		Pink flowers	None			
<i>Malus</i>	<i>angustifolia</i>	Southern crabapple	Deciduous small tree	15x25		Slow	Full sun				✓	✓	White flowers	High			Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.
<i>Malus</i>	<i>coronaria</i>	Sweet crabapple	Deciduous small tree	15x25		Slow	Full sun		✓		✓	✓	White flowers	High			Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.
<i>Oxydendrum</i>	<i>arboreum</i>	Sourwood	Deciduous medium tree	25x30	15	Slow	Full to partial sun	✓			✓	✓	Striking fall color, Panicked white flowers	Moderate			
<i>Parrotia</i>	<i>persica</i>	Persian parrotia	Deciduous medium tree	30x25	15	Slow	Full to partial sun	✓	✓		✓		Striking bark and fall color	Low			
<i>Planera</i>	<i>aquatica</i>	Water elm	Deciduous small tree	20x20	15	Slow	Full to partial sun	✓	✓		✓		Attractive bark	Low			May be very dry climate-resilient
<i>Prunus</i>	<i>americana</i>	American plum	Deciduous small tree	20x25		Medium	Full to partial sun				✓	✓	White flowers	High			
<i>Prunus</i>	<i>serrulata</i>	Kwanzan cherry	Deciduous small tree	20x20	15	Medium	Full sun	✓		X	✓		Pink flowers	Low	Kwanzan		Limit use due to overplanting
<i>Prunus</i>	<i>x incamp</i>	Okame Cherry	Deciduous small tree	20x20	15	Medium	Full sun	✓		X	✓		Pink flowers	Low			Limit use due to overplanting
<i>Prunus</i>	<i>x yedoensis</i>	Yoshino Cherry	Deciduous small tree	35x35	15	Medium	Full to partial sun	✓		X	✓		White flowers	Low			Limit use due to overplanting
<i>Ptelea</i>	<i>trifoliata</i>	Hoptree	Deciduous small tree	15x15	15	Medium	Full sun to shade	✓	✓		✓		Interesting fruit, striking fall color	Low			
<i>Rhus</i>	<i>copallina</i>	Winged Sumac	Deciduous small tree	15x20		Medium	Full to partial sun		✓		✓	✓	Striking fall color, large colored flower spikes	High			Spreads readily, excellent for slope control along roads.
<i>Staphylea</i>	<i>trifolia</i>	American bladdernut	Deciduous small tree	10x15		Slow	Partial sun to shade				✓	✓	Interesting fruit and white flowers	Moderate			
<i>Styrax</i>	<i>americanus</i>	American snowbell	Deciduous small tree	15x20		Slow	Full to partial sun				✓	✓	white bell flowers	Moderate			
<i>Syringa</i>	<i>reticulata</i>	Tree Lilac	Deciduous small tree	25x15	15	Slow	Full to partial sun	✓		X	✓		Showy flowers	None			
<i>Thuja</i>	<i>occidentalis</i>	Arborvitae	Evergreen small tree	10x30		Slow	Full sun				✓		Evergreen	Moderate			
<i>Viburnum</i>	<i>lentago</i>	Nannyberry	Deciduous small tree	15x10		Slow	Partial sun to shade				✓		Striking fall color	Moderate			
<i>Viburnum</i>	<i>prunifolium</i>	Blackhaw viburnum	Deciduous small tree	15X15	15	Slow	Partial sun to shade	✓	✓		✓	✓	Striking fall color	High	✓		

# Small Trees

Notes and glossary on next page

## Notes:

A list of trees perfect for accents, ornamental display, or spaces with low soil space. Consider these species when filling out a landscape, or when maintenance budget is limited.

This list contains species that do well in Arlington County, and have been screened to exclude fragile, often hazardous species, as well as ecologically threatening invasive species.

## Glossary:

Genus	A group of plants marked by common characteristics, like Quercus (Oaks), Acer (Maples), or Cornus (Dogwoods)
Species	An individual type of plant, capable of interbreeding within its designation, like Quercus stellata (Post oak), or Tilia americana (American linden)
Common Name	The common description of a plant, like American Holly, or Tuliptree. A tree can have several common names, which is why latin names are often preferred.
Mature Height	The height a tree of a species can reach, in an ideal environment, usually within 20 years
Growth Rate	The speed at which a species grows to its mature size. Keep in mind a fast-growing small tree may grow fast for its species, but due to genetic limitations, may not reach the size of a slow-growing large tree
Light	The light requirements for a tree to grow optimally. Trees preferring full sun should be in full sun for at least 6 hours a day, while trees preferring shade can live with less than 3 hours of sunlight a day
Street Tree	Trees well suited for planting along roads, or in tree pits. Street trees should be limbed up to a safe height, and not obstruct view for traffic.
Pollution Resistant	Trees well suited for planting in tough areas with high pollution from both the air, as well as salt spray from the road. These species are often also well-suited for stormwater control facilities.
Limit Use	Restrict the use of these species to less than 10% of your planting list. They have been overplanted, have a disease risk , or have a potential to become invasive
Powerline Compatible	Species that may be acceptable to be planted below powerlines, due to size or stature. These species have not been reviewed by Dominion Virginia Power, and utility companies maintain the right to prune or trim any trees or vegetation away from their lines.
Native to Region	Trees native to the Mid-Atlantic. Refer to the Native Plants for Wildlife Habitat and Conservation Landscaping guide by the U.S. Fish and Wildlife Service for more information
Visual Attraction	Interest from the tree that sets it apart from other trees, from an aesthetic perspective.
Wildlife Value	Value in the form of edible fruits, foliage, or bark, for our native insects. Wildlife value should not be confused with attracting large amounts of insects or wildlife, but should be seen as a benefit to our ecosystem.
Shade Tree	A tree likely to grow to a size where it will cast significant shade on the surrounding environment, reducing energy costs and urban heat island effect.
Suggested Cultivars	Cultivars of the species that have shown promise in our landscape and provide added aesthetic value

Contact the County Urban Forestry office at [urbanforestry@arlingtonva.us](mailto:urbanforestry@arlingtonva.us) for questions

11/08/2019