

Borough of Bellevue Shade Tree Commission

Recommended Street and Shade Trees Revised Draft—11/18/22

STREET TREES

The space between the sidewalk and the curb is called the “tree lawn.” When planting a tree in the tree lawn, it is very important to select an appropriate species of tree for that location: consider the tree’s ultimate height, spread, shape, root system, tolerance of road salt, potential fruit and sap issues, and other specific growing requirements, as well as presence/absence of underground and overhead utilities. Trees should not obstruct sidewalks or access to vehicles.

To minimize tree root and sidewalk conflicts, do not plant trees in tree lawns less than 2.5’ in width (City of Pittsburgh requires a space 3’ x 10’). All street trees must be tree form (single trunk) and a minimum caliper (diameter) of 2”-2.5” measured 6” above the root flare.

A permit is required to plant a tree in the public right-of-way or on public property. Prior to any digging it is necessary to notify PA One-Call in order to identify underground utilities.

This list does not include all potential species that may be appropriate. Permit requests for trees not on this list will be considered by the Shade Tree Commission on a case-by-case basis.

Locations with overhead utilities (less than 30’ tall, requires 2.5-4’-wide tree lawn)

[Pennsylvania native tree species are indicated by an asterisk]

| <u>Latin Name</u> | <u>Common Name</u> | <u>Mature Height</u> |
|------------------------------------|---|----------------------|
| <i>Acer buergeranum</i> | Trident Maple tree form | 20-30’ |
| <i>Acer tataricum</i> | Tatarian Maple (can be invasive) | 15-25’ |
| <i>Acer truncatum</i> | Shantung Hybrid Maple | 20-25’ |
| * <i>Amelanchior arborea</i> | Downy Serviceberry tree form | < 30’ |
| * <i>Amelanchior x grandiflora</i> | Serviceberry (many cultivars) tree form | < 30’ |
| * <i>Amelanchior canadensis</i> | Canada Serviceberry, Eastern Shadbush | 10-25’ |
| * <i>Amelanchier laevis</i> | Smooth Shadbush/Allegheny Serviceberry “Cumulus” or “Majestic” | < 30’ |
| * <i>Cercis Canadensis</i> | Eastern Redbud | < 30’ |
| <i>Chionanthus retusus</i> | Chinese Fringetree tree form | 10-20’ |
| <i>Chionanthus virginicus</i> | White Fringetree tree form | < 20’ |
| * <i>Cornus florida</i> | Flowering Dogwood | < 30’ |
| <i>Cornus kousa</i> | Kousa Dogwood (esp. Rutgers hybrids) | < 25’ |
| <i>Cornus mas</i> | Cornelian Cherry Dogwood “Golden Glory” | < 25’ |

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List of Recommended Street/Shade Trees

| | | |
|---|--|---------------|
| <i>Cornus officinalis</i> | Japanese Cornel Dogwood | < 30' |
| <i>Cornus phaenopyrum</i> | Washington Hawthorn (thorns may be a problem) | < 25' |
| * <i>Cornus punctata</i> | Pioneer Hawthorn, "Ohio Pioneer" | < 30' |
| <i>Cornus x rutban</i> | Aurora Dogwood (pest/disease resistant) | < 25' |
| <i>Cotinus obovatus</i> | American Smoketree | 20-30' |
| <i>Cotinus coggygria</i> | Common Smoketree (more a large shrub) | 10-15' |
| * <i>Crataegus crus-galli</i> | Thornless Cockspur Hawthorn, "Inermis" | 15-20' |
| <i>Crataegus flava</i> | Yellowleaf Hawthorn | < 30' |
| <i>Crataegus laevigata</i> | Hawthorn, "Superba," "Crimson Cloud" | 15-20' |
| * <i>Crataegus phaenopyrum</i> | Washington Hawthorn | 20-30' |
| * <i>Crataegus viridis</i> | Green Hawthorn, "Winter King" | 20-30' |
| <i>Crataegus x lavellei</i> | Lavelle Hawthorn tree form | < 30' |
| <i>Magnolia stellata</i> | Star Magnolia | 15-20' |
| <i>Malus</i> cultivars | Crabapple (disease resistance emphasized) | All under 22' |
| Note: fruit makes <i>Malus</i> undesirable in some locations-green highlighted varieties avoid problem): Adams, Adirondack, Amsalzam, Ballerina, Centurion, Donald Wyman, Harvest Gold, Madonna, Prairiefire, Professor Sprenger, Red Jewel, Robinson, Royal Raindrops, Sentinel, Spring Snow tree form, Sugar Tyme, Strawberry Parfait | | |
| <i>Malus floribunda</i> | Japanese Flowering Crabapple | under 25' |
| <i>Malus sieboldii</i> x zumi | Zumi Crabapple, "Calocarpa" | under 25' |
| <i>Prunus cerasifera</i> | Purpleleaf Plum (fruit can be a problem) | 15-25' |
| <i>Prunus subhirtella autumnalis</i> | Autumn Flowering Cherry | 20-30' |
| <i>Prunus x incam</i> | Okame Cherry | 15-30' |
| <i>Prunus x yedoensis</i> | Yoshino Cherry | 30' |
| <i>Syringa reticulata</i> | Japanese tree lilac "Summer Snow," "Ivory Silk," "Regent" | 25-30' |
| <i>Styrax japonicas</i> | Japanese Snowbell | < 30' |

Locations without overhead utilities or with wires over 25' high (requires 4-6'-wide tree lawn)

All of the above species, plus:

| | | |
|--------------------------------|---|--------|
| <i>Acer campestre</i> | Hedge Maple tree form | 25-40' |
| <i>Acer griseum</i> | Paperbark Maple | 25-35' |
| * <i>Carpinus caroliniana</i> | American Hornbeam | 20-40' |
| <i>Gymnocladus dioicus</i> | Kentucky Coffeetree (male variety only) | |
| <i>Halesia tetraptera</i> | Carolina Silverbell | 30-40' |
| <i>Koelreuteria paniculate</i> | Goldenrain Tree | 25-40' |
| <i>Magnolia x loebneri</i> | Merrill Magnolia | 20-30' |
| <i>Magnolia galaxy</i> | Galaxy Magnolia | 30-40' |
| * <i>Magnolia virginiana</i> | Magnolia, Sweetbay | 10-35' |
| * <i>Ostrya virginiana</i> | American Hophornbeam | 30-40' |
| <i>Parrotia persica</i> | Persian Parrotica | 20-40' |
| <i>Prunus serrulate</i> | Japanese flowering cherry "Amanogawa," "Kwanzan" | 25-35' |
| * <i>Prunus virginiana</i> | Shubert Chokecherry | 20-30' |

SHADE TREES

Recommended Large Shade Trees for Urban/Suburban Settings

| | | |
|----------------------------------|--|---------|
| * <i>Acer rubrum</i> | Red Maple | 40-70' |
| * <i>Acer saccharum</i> | Sugar Maple | 60-75' |
| * <i>Betula alleghaniensis</i> | Yellow birch | 60-75' |
| <i>Carpinus betulis</i> | European Hornbeam tree form (more uniform shape than American Hornbeam) | 30-60' |
| * <i>Carya glabra</i> | Pignut hickory | 70-100' |
| * <i>Carya ovata</i> | Shagbark Hickory | 70-80' |
| * <i>Celtis occidentalis</i> | Hackberry | 40-60' |
| <i>Cercidiphyllum japonicum</i> | Katsura | 50-80' |
| * <i>Cladrastis kentukea</i> | American Yellowwood | 30-50' |
| <i>Gleditsia triacanthos l.</i> | Thornless Common Honeylocust | 40-70'+ |
| * <i>Gymnocladus dioica</i> | Kentucky Coffeetree (male tree) | 70-80' |
| * <i>Liquidambar styraciflua</i> | American Sweetgum | 60-80' |
| * <i>Liriodendron tulipifera</i> | Tuliptree, Tulip Poplar | 70-90' |
| * <i>Nyssa sylvatica</i> | Black Gum, Tupelo | 40-60' |
| * <i>Platanus occidentalis</i> | Sycamore, Buttonwood, American Planetree | 70-125' |
| <i>Platanus x acerifolia</i> | London Planetree | 75-100' |
| <i>Platanus x acerifolia</i> | London Planetree, "Exclamation" | 55' |
| <i>Prunus sargentii</i> | Sargent Cherry, "Columnar" | 40-50' |
| * <i>Quercus alba</i> | White Oak | 80-120' |
| <i>Quercus acutissima</i> | Sawtooth Oak | 40-60' |
| * <i>Quercus coccinea</i> | Scarlet Oak | 60-75' |
| * <i>Quercus montana</i> | Chestnut Oak | 50-70' |
| * <i>Quercus palustris</i> | Pin Oak | 60-70' |
| * <i>Quercus rubra</i> | Red Oak | 70-100' |
| * <i>Quercus velutina</i> | Black Oak | 50-80' |
| * <i>Tilia americana</i> | American Linden, Basswood | 60-80' |
| <i>Tilia cordata</i> | Littleleaf Linden | 60-80' |