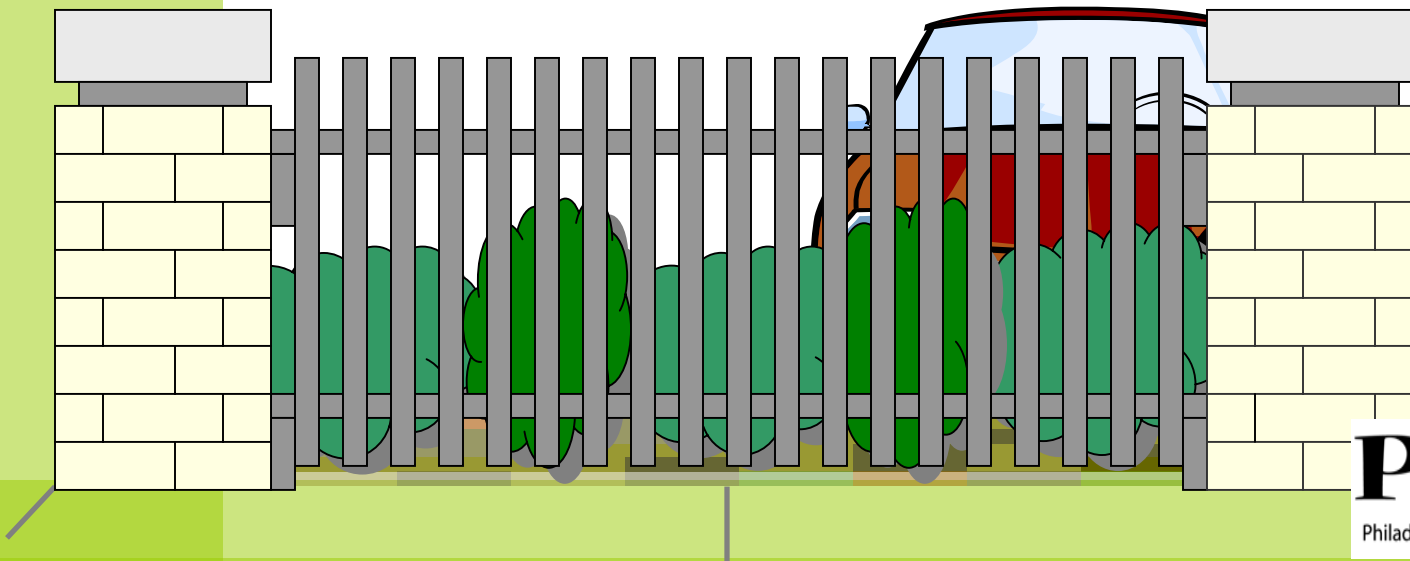


Recommended Planting List for Off-Street Parking Update 2007



RECOMMENDED PLANTING LIST

The Philadelphia City Planning Commission worked with the Fairmount Park Commission and the Pennsylvania Horticultural Society to update a list of recommended trees and shrubs for use in the landscaping of parking lots. Plants were removed from the list that are now known to be invasive or disease-prone, and plants were added that are particularly well suited to urban conditions.

The list of trees and shrubs provides a range of sizes in order to cover the broad spectrum of needs from small urban parking lots to large-scale lots associated with shopping centers. Species shown with an asterisk are particularly suited to moist or wet conditions but can also grow in dry environments.

We highly recommend that you engage a licensed landscape architect during the design process. These professionals can assess the site, help solve drainage and circulation issues, and advise proper placement and sizing of planting beds during the planning stage. In order to ensure the further viability of your landscape, you must not only understand the site and choose the right plants for the location, but also choose plant material that is adequately sized at time of installation, and spaced appropriately considering the mature size of the plant material. Proper planting and soil specifications as well as a strategy for long-term maintenance are also necessary. There is no such thing as a “no-maintenance” landscape.

More specific recommendations for plantings that can be incorporated into stormwater management plans can be found in the Water Department’s Stormwater Manual v1.1, Chapter 6.3. This manual is located at: www.phillyriverinfo.org. When using this list, please consider long-term maintenance issues and hardiness, the suitability of the soil for various plantings, and incorporating a good mix of small trees and flowering shrubs into the entire landscaping plan.

Many thanks to the Pennsylvania Horticultural Center and the Fairmount Park Commission for their help constructing this brochure and for the time that they invest every day to improve our urban landscape.

SHRUBS FOR CITY CONDITIONS

<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>
Abelia x grandiflora	Glossy Abelia (not 'Edward Goucher')	Rhus typhina	Staghorn Sumac
Aronia arbutifolia*	Red Chokeberry	Rosa carolina	Pasture Rose
Aronia melanocarpa*	Black Chokeberry	Rosa virginiana	Wild Rose
Aronia prunifolia*	Purple Chokeberry	Rosa sp. 'Meidiland', 'Carefree', 'Knockout'	Rose cultivars
Baccharis halimifolia*	Groundsel-bush	Sambucus canadensis*	American Elder
Callicarpa japonica	Japanese Beautyberry	Spiraea latifolia*	Meadowsweet
Caryopteris x clandonensis	Blue-mist Shrub	Spiraea tomentosa*	Steeplebush
Ceanothus americanus	New Jersey Tea	Symphoricarpos orbiculatus	Coralberry
Chionanthus virginicus	White Fringetree	Taxus baccata 'Repandens'	Dwarf English Yew
Clethra alnifolia*	Sweet Pepperbush	Viburnum dentatum*	Southern Arrowwood Viburnum
Cornus alternifolia	Pagoda Dogwood	Viburnum lentago*	Nannyberry Viburnum
Cornus amomum*	Silky Dogwood	Viburnum pragenese	Prague Viburnum
Cornus mas	Corneliancherry Dogwood	Viburnum prunifolium	Blackhaw Viburnum
Cornus racemosa*	Gray Dogwood	Vitex agnus-castus 'Latifolius'	Chaste Tree
Corylus americana	Hazelnut	Weigela florida	Weigela
Cotinus coggygria	Smokebush		
Diervilla lonicera	Dwarf Bush-honeysuckle		
Ilex crenata	Japanese Holly (not 'helleri')		
Itea virginiana	Virginia Summersweet		
Myrica pensylvanica	Bayberry		
Physocarpus opulifolius*	Ninebark		
Prunus americana	American Plum		
Ptelea trifoliata	Wafer Ash		
Rhus aromatica 'Gro low' or 'Green Globe'	Fragrant Sumac cultivars		
Rhus copallina	Winged Sumac		
Rhus glabra	Smooth Sumac		

GROUND COVER

<u>Scientific Name</u>	<u>Common Name</u>
Campsis radicans (vine)	Trumpet Creeper
Hypericum frondosum	Golden St. Johnswort
Hypericum prolificum	Shrubby St. Johnswort
Lonicera sempervirens (vine)	Trumpet Honeysuckle
Parthenocissus quinquefolia	Virginia Creeper
Rubus hispidus*	Bristly Dewberry

RECOMMENDED TREE LIST

Small Trees (10'-30')

<u>Scientific Name</u>	<u>Common Name</u>	<u>Height</u>
Acer buergerianum	Trident Maple	20-30'
Acer griseum	Paperbark Maple	20-30'
Amelanchier laevis	Allegheny Serviceberry	15-25'
Betula populifolia*	Gray Birch	20-40'
Cercis canadensis	Redbud	20-30'
Chionanthus virginicus	Fringe-tree	12-20'
Cornus mas	Corneliancherry Dogwood	20-25'
Malus 'Adirondack'	Adirondack Crabapple	Up to 18'
Malus 'Harvest Gold'	Harvest Gold Crabapple	Up to 25'
Malus 'Prairifire'	Prairifire Crabapple	20'
Prunus americana	American Plum	15-25'
Prunus x yedoensis	Yoshino Cherry	Up to 30'
Ptelea trifoliata	Wafer Ash	15-20'
Syringa reticulata	Japanese Tree Lilac	20-30'
Viburnum prunifolium	Blackhaw Viburnum	15-25'

Trees for Narrow Plantings

<u>Scientific Name</u>	<u>Common Name</u>	<u>Height</u>	<u>Width</u>
Acer x freemanii 'Armstrong'	Freeman Maple cultivar	Up to 60'	15'
Acer x freemanii 'Celebration'	Freeman Maple cultivar	45'	25'
Carpinus betulus 'Fastigiata'	European Hornbeam cultivar	30-40'	20-30'
Cryptomeria japonica 'Lobbii'	Japanese Cedar cultivar	30-40'	15-20'
Cryptomeria japonica 'Yoshino'	Japanese Cedar cultivar	30-40'	15-20'
Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo (male)	Up to 60'	25'
Gymnocladus dioicus 'Stately Manor'	Kentucky Coffeetree (male cultivar)	Up to 50'	20'
Juniperus virginiana (columnar forms)	Eastern Redcedar cultivars	25-30'	Various
Pinus strobus 'Fastigiata'	White Pine cultivar	70'	25'
Taxodium distichum 'Fastigiata'*	Baldcypress cultivar	60'	20'
Taxodium distichum 'Shawnee Brave'*	Baldcypress cultivar	60'	15'

RECOMMENDED TREE LIST

Medium Trees (30-45')

<u>Scientific Name</u>	<u>Common Name</u>	<u>Height</u>
Betula lenta	Sweet Birch	35-45'
Betula populifolia*	Gray Birch	20-40'
Cladrastis kentukea	Yellowwood	30-45'
Gleditsia triacanthos var. inermis 'Skyline' or 'Shademaster'	Honeylocust cultivars	Up to 45'
Juniperus virginiana	Eastern Redcedar	30-45'
Koelreutaria paniculata	Goldenrain Tree	30-40'
Ostrya virginiana	American Hophornbeam	25-40'
Prunus serrulata 'Kwanzan'	Kwanzan Oriental Cherry	30-40'
Robinia pseudoacacia	Black Locust	30-45'
Tilia tomentosa 'Green Mountain'	Silver Linden cultivar	Up to 45'
Ulmus parvifolia 'Allee'	Lacebark Elm cultivar	Up to 45'
Ulmus parvifolia 'Athena'	Lacebark Elm cultivar	Up to 40'

Large Trees (45' and over)

<u>Scientific Name</u>	<u>Common Name</u>	<u>Height</u>
Celtis occidentalis	Hackberry	40-60'
Celtis occidentalis 'Magnifica'	Magnifica Hackberry	50-60'
Gymnocladus dioicus 'Espresso'	Kentucky Coffeetree cultivar	Up to 50'
Liquidambar styraciflua 'Rotundiloba' or 'Cherokee'	Sweetgum fruitless cultivars	Up to 60'
Pinus strobus	White Pine	50-75'
Taxodium distichum*	Common Baldcypress	60-75'
Tilia tomentosa 'Green Mountain'	Silver Linden cultivar	Up to 60'
Ulmus Americana 'New Harmony' or 'Princeton'	American Elm cultivars	Up to 60'
Ulmus x 'Homestead'	Homestead Elm	Up to 70'
Zelkova serrata 'Green Vase'	Green Vase Zelkova	60-70'
Zelkova serrata 'Village Green'	Village Green Zelkova	50-60'