

Appendix I: Acceptable Tree Species or Varieties

Revision Date: October 6, 2010

This list is provided as a guide to the most appropriate species for parkways in urban situations. There is no single perfect tree; the most successful course is to match the planting site limitations with the right tree for that spot. Each site must be evaluated and possible restrictions of tree species noted. These restrictions include rooting space, soil texture, soil pH, drainage, exposure, overhead wires, and surrounding building surfaces.

The trees appearing on this listing have different requirements and tolerances. These species should all do well in the urban forest environment of the Village. Before selecting any particular species or variety, further research should be done to insure that the site will satisfy the specific requirements of the plant.

Some of the species or cultivars listed here may not be readily available at local nurseries, particularly in large calipers.

SMALL TREES with narrow crowns

Suitable for tree lawns 5 to 8 feet wide, and under wires

<u>Botanical Name</u>	<u>Common Name</u>
<i>Acer griseum</i>	Paperbark Maple
<i>Amelanchier arborea</i>	Shadblow Serviceberry ¹
<i>Amelanchier laevis</i>	Allegheny Serviceberry ¹
<i>Carpinus betulus</i> 'Fastigiata'	Pyramidal European Hornbeam
<i>Cornus asperifolia</i>	Roughleaf Dogwood
<i>Cornus mas</i> 'Golden Glory'	Cornelian Cherry Dogwood ²
<i>Cotinus obovatus</i>	American Smoketree
<i>Crataegus laevigata</i>	English Hawthorn
<i>Crataegus phaenopyrum</i>	Washington Hawthorn ²
<i>Malus spp.</i>	Crabapple Varieties: Autumn Glory, Centurion, Ormiston Roy, Prairiefire, Red Barron, Red Jewel, Red Splendor, Sentinel, Winter Gold
<i>Ostrya virginiana</i>	Hophornbeam ¹
<i>Sorbus alnifolia</i>	Korean Mountainash
<i>Sorbus Americana</i>	American Mountainash
<i>Sorbus aucuparia</i> Varieties	European Mountainash Black Hawk, Michred
<i>Sorbus decora</i>	Showy Mountainash
<i>Sorbus hupehensis</i> 'Pink Pagoda'	Pink Pagoda Mountainash
<i>Sorbus pohuashanensis</i>	Chinese Mountainash
<i>Sorbus tianshanica</i> 'Dwarf Crown'	Turkestan Mountainash
<i>Syringa pekinensis</i>	China Snow® Peking Lilac
<i>Syringa reticulata</i> Varieties	Japanese Tree Lilac, Ivory Silk, Summer Snow

SMALL TREES with broad crowns

Suitable for tree lawns at least 8 feet wide, and under wires

<u>Botanical Name</u>	<u>Common Name</u>
<i>Acer campestre</i>	Hedge Maple ^{*2}
<i>Acer ginnala</i>	Amur Maple ^{*2}
<i>Acer semenovii</i>	Turkestan Maple ^{*2}
<i>Acer tartarian</i>	Tartarian Maple ^{*2}
<i>Amelanchier x grandiflora</i>	Apple Serviceberry
<i>Carpinus caroliniana</i>	American Hornbeam ¹
<i>Cercis canadensis</i>	Redbud ¹
<i>Cercis canadensis alba</i>	Redbud – white form
<i>Chionanthus virginicus</i>	Fringetree
<i>Cladrastis kentukea</i> (lutea)	Yellowwood ¹
<i>Cornus alternifolia</i>	Pagoda Dogwood
<i>Crataegus crus-galli</i>	Cockspur Hawthorn ^{1,2}
<i>Crataegus punctata</i> 'Ohio Pioneer'	Ohio Pioneer Hawthorn ^{1,2}
<i>Crataegus viridis</i> 'Winter King'	Winter King Hawthorn ^{1,2}
<i>Halesia carolina</i>	Silverbell
<i>Maackia amurensis</i>	Amur Maackia
<i>Malus baccata</i> 'Jackii'	Jackii Crabapple

* Limit use/over-planted genus

¹ Native to Illinois

² Tolerant of urban conditions

SMALL TREES with broad crownsSuitable for tree lawns at least 8 feet wide, and under wires**Botanical Name***Malus spp.**Prunus maackii**Prunus sargentii**Prunus virginiana* and Varieties:*Syringa pekinensis**Syringa reticulata**Viburnum prunifolium***Common Name**

Crabapple Varieties: Adams, Beverly, Bob White, Cardinal, David, Donald Wyman, Golden Raindrops®, Indian Magic, Indian Summer, Jewelcole, Mary Potter, Molten Lava, Professor Sprenger, Profusion, Purple Prince, Red Peacock, Snowdrift, Sugar Tyme, Zumi Calocarpa

Amur Cherry

Sargent Cherry

Canada Red, Shubert-Chokecherry

Peking Tree Lilac

Japanese Tree Lilac

Blackhaw Viburnum

MEDIUM TREESSuitable for tree lawns 6 to 8 feet wide, but not under wires**Botanical Name***Acer miyabei* and Varieties*Acer nigrum**Acer nigrum* 'Greencolumn'*Acer platanoides* 'Columnar'*Acer truncatum* Varieties*Acer x freemanii* Varieties*Aesculus glabra**Alnus cordata**Alnus incana**Alnus glutinosa**Betula lenta**Betula nigra* and Varieties*Carpinus betulus**Celtis laevigata* 'All Seasons'*Celtis occidentalis* and Varieties*Cercidiphyllum japonicum**Corylus colurna**Crataegus mollis**Eucommia ulmoides**Fagus sylvatica* 'Dawyckii'*Koeleruteria paniculata**Nyssa sylvatica**Ostrya virginiana**Prunus maackii**Prunus serrulata**Pyrus betulaeifolia* 'Southworth'*Pyrus calleryana* Varieties²*Pyrus ussuriensis**Quercus robur* 'Fastigiata'*Quercus robur* 'Wandell'*Sassafras albidum**Tilia cordata* Varieties*Tilia x flavescens* 'Glenleven'*Ulmus* 'Homestead'*Zelkova serrata* 'Green Vase'**Common Name**

Miyabe Maple, State Street® Miyabe Maple

Black Maple

Greencolumn Black Maple¹Columnar Norway Maple²

Norwegian Sunset*, Pacific Sunset*, Shantung Maple*

Armstrong, Celebration, Marmo, Scarlet Sentinel Maple*, Autumn Fantasy, Sienna

Ohio Buckeye¹

Italian Alder

White Alder

European Black Alder

Sweet Birch

River Birch, Heritage River Birch¹

European Hornbeam

All Seasons Sugarberry¹Hackberry, Prairie Pride^{1,2}, Chicagoland, Windy City

Katsura Tree

Turkish Filbert²Downy Hawthorn¹

Hardy Rubber Tree

Dawyck European Beech

Golden-Rain Tree²Sourgum¹, Black Gum, TupeloHophornbeam¹, Ironwood

Amur Cherry

Japanese Flowering Cherry

Dancer Pear

Aristocrat, Autumn Blaze, Capital, Chanticleer, Whitehouse Pear

Ussurian Pear²

Pyramidal English Oak

Attention English Oak

Sassafras

Chancellor, Greenspire, Ronald, Shamrock Linden

Glenleven Hybrid Linden

Homestead Elm

Green Vase Zelkova

^{*} Limit use/over-planted genus¹ Native to Illinois² Tolerant of urban conditions

LARGE TREES

Suitable for tree lawns at least 8 feet wide and not under wires

<u>Botanical Name</u>	<u>Common Name</u>
<i>Acer nigrum</i>	Black Maple ^{*1}
<i>Acer platanoides</i> and Varieties ^{*2}	Cleveland, Crimson King, Deborah, Emerald Queen, Schwedler, Summershade, Superform Maple
<i>Acer pseudoplatanus</i>	Sycamore Maple
<i>Acer rubrum</i> and Varieties ^{*1}	Northwood, October Glory, Red Sunset Maple
<i>Acer saccharum</i>	Sugar Maple ^{*1}
<i>Acer saccharum</i> Varieties	Fall Fiesta, Green Mountain®
<i>Acer x freemani</i> Varieties [*]	Autumn Blaze, Autumn Fantasy, Indian Summer Maple
<i>Aesculus flava</i> (octandra)	Yellow Buckeye
<i>Aesculus hippocastanum</i> and Varieties	Horsechestnut ² , Baumann
<i>Aesculus x carnea</i>	Red Horsechestnut
<i>Carya cordiformis</i>	Bitternut Hickory ¹
<i>Carya glabra</i>	Pignut Hickory
<i>Carya laciniosa</i>	Shellbark Hickory
<i>Carya tomentosa</i>	Mockernut Hickory
<i>Carya ovata</i>	Shagbark Hickory ¹
<i>Carya illinoensis</i>	Pecan ¹
<i>Castanea mollissima</i>	Chinese Chestnut
<i>Catalpa ovata</i>	Chinese Catalpa
<i>Catalpa speciosa</i>	Northern Catalpa ^{1,2}
<i>Diospyros virginiana</i>	Persimmon ¹
<i>Fagus grandiflora</i>	American Beech ¹
<i>Fagus sylvatica</i> and Varieties	European Beech, Copper Beech, Fern-Leaved Beech
<i>Ginkgo biloba</i> (male) and Varieties	Ginkgo (male only) ² , Magyar, Princeton Sentry
<i>Gymnoclanus dioica</i>	Kentucky Coffeetree ¹
<i>Juglans nigra</i>	Black Walnut ¹
<i>Kalopanax pictus</i>	Kalopanax
<i>Liquidambar styraciflua</i> 'Morraine'	Morraine Sweetgum ^{1,2}
<i>Liriodendron tulipifera</i>	Tuliptree ¹
<i>Maclura pomifera inermis</i> 'Wichita'	Wichita Thornless Osage Orange
<i>Magnolia acuminata</i>	Cucumber Magnolia ¹
<i>Phellodendron amurense</i> 'Macho'	Male Corktree
<i>Platanus x acerifolia</i> Varieties ²	Bloodgood, Columbia, Liberty London Plane, Exclamation
<i>Populus tremuloides</i>	Quaking Aspen
<i>Quercus acutissima</i>	Sawtooth Oak
<i>Quercus alba</i> and Varieties	White Oak ¹ , Crimson Spire™
<i>Quercus bicolor</i>	Swamp White Oak ¹
<i>Quercus coccinea</i>	Scarlet Oak ¹
<i>Quercus ellipsoidalis</i>	Northern Pin Oak ¹
<i>Quercus imbricaria</i>	Shingle Oak ¹
<i>Quercus macrocarpa</i>	Bur Oak ^{1,2}
<i>Quercus x macdanielii</i>	Heritage® Macdaniel's Oak
<i>Quercus muehlenbergii</i>	Chinkapin Oak ¹
<i>Quercus phellos</i>	Willow Oak ¹
<i>Quercus prinus</i>	Chestnut Oak ¹
<i>Quercus robur</i> and Varieties	English Oak, Regal Prince, Skymaster®
<i>Quercus rubra</i>	Northern Red Oak ¹
<i>Quercus shumardii</i>	Shumard Oak ¹
<i>Quercus velutina</i>	Black Oak
<i>Styphnolobium</i> (<i>Sophora</i>) <i>japonica</i>	Japanese Pagoda Tree ²
<i>Taxodium distichum</i> and Varieties	Bald Cypress ¹ , Shawnee Brave
<i>Taxodium distichum nutans</i>	Shawnee Brave Pond Cypress
<i>Tilia americana</i> and Varieties	Basswood ¹ , American Linden, American Sentry, Boulevard, Legend™, Redmond
<i>Tilia heterophylla</i>	Beetree ¹
<i>Tilia platphylllos</i>	Bigleaf Linden
<i>Tilia tomentosa</i> and Varieties	Silver Linden ² , Green Mountain®, Sterling Silver™

*Limit use/over-planted genus

¹Native to Illinois

²Tolerant of urban conditions

LARGE TREES

Suitable for tree lawns at least 8 feet wide and not under wires

Botanical Name

Tilia and Varieties

Ulmus parvifolia and Varieties

Ulmus Varieties

Common Name

Crimean Linden², European Linden

Chinese/Lacebark Elm², Dynasty Chinese Elm

Accolade, Commendation, Pioneer, Prospector, Wilson's, Regal, Triumph™

Appendix II: Unacceptable Tree Species or Varieties

Botanical/Common Name

Acer negundo – Boxelder

Acer rubrum – Red Sunset

Acer rubrum – Eastern Red

Acer saccharinum – Silver Maple

Ailanthus altissima – Tree of Heaven

Elaeagnus angustifolia – Russian Olive

Fraxinus – all Ash varieties/cultivars

Ginkgo biloba (Female) – Ginkgo

Gleditsia tricanthos 'Inermis' –

Thornless Honeylocust

Morus species – Mulberry

Populus alba – White Poplar

Populus deltoides – Cottonwood

Populus nigra 'Italica' – Lombardy Poplar

Salix species – Willow

Ulmus americana – American Elm

Ulmus pumila – Siberian Elm

Comments

Aggressive, shallow roots; weak wood; invasive seedlings

Soil incompatibility

Soil incompatibility

Aggressive, shallow roots; weak wood; invasive seedlings

Suckers, weak wood, invasive seedlings

Form, disease

Emerald Ash Borer

Fruits

Over-planted species

Fruits, shallow roots, invasive seedlings

Suckers, shallow roots, weak wood

Weak wood, shallow roots, seeds

Insects, disease, short-lived

Weak wood, shallow roots

Dutch Elm Disease

Weak wood, invasive seedlings

*Limit use/over-planted genus

¹Native to Illinois

²Tolerant of urban conditions