



## Zoning Resolution

THE CITY OF NEW YORK

Eric Adams, Mayor

CITY PLANNING COMMISSION

Daniel R. Garodnick, Chair

# Appendix B

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## Appendix B - Tree Selection Tables

LAST AMENDED  
9/11/1975

Small Trees, 12 - 35 feet at mature height: Uses

Species	Use						
	Sidewalk	On Lot	Common open space	Screen-ing	Setback	Park Street	Replace-ment
Crabapple (Malus)		x	x				x
Carolina Silver Bell (Halesia carolina)		x	x				
Flowering Cherry (Prunus)	x	x	x		x	x	x
Flowering Dogwood (Cornus florida)		x	x		x	x	x
Golden Rain Tree (Koelreuteria paniculata)	x	x	x			x	x
Hawthorne (Crataegus)		x	x		x		
Hedge Maple (Acer campestre)		x	x	x	x	x	x
Japanese Maple (Acer palmatum)		x	x		x		
Russian Mulberry (Morus alba 'Tatarica')		x	x			x	

Russian Olive ( <i>Elaeagnus angustifolia</i> )	x	x	x				
Saucer Magnolia ( <i>Magnolia soulangeana</i> )		x	x	x	x	x	x

Small Trees, 12 - 35 feet at mature height: Shape, Foliage, Advantages, Disadvantages and Characteristics.

Species	Shape	Foliage	Advantages	Disadvantages	Other Characteristics
Crabapple ( <i>Malus</i> )	round	dense	moderate growth rate, easily transplanted, no maintenance	litters, needs full sun	flowering fruit, fall color: yellow orange
Carolina Silver Bell ( <i>Halesia carolina</i> )	round	light	withstands insects	requires well drained soil, requires moist soil	flowers, fall color
Flowering Cherry ( <i>Prunus</i> )	round	light	tolerant of shade	short lived	flowering
Flowering Dogwood ( <i>Cornus florida</i> )	spreading	light	moderate growth rate, easily transplanted, no maintenance	needs wind protection, requires well drained soil	flowers, red fall color
Golden Rain Tree ( <i>Koelreuteria paniculata</i> )	round	dense	all soils, rapid growth rate, tolerates city, easily transplanted	requires sun	flowers

Hawthorne (Crataegus)	round	dense	easily transplanted	needs pruning, thorns, intolerate of pests, slow growth	fall color: bronze, red
Hedge Maple (Acer campestre)	round	dense	all soils, tolerates city	requires well drained soil	fall color
Japanese Maple (Acer palmatum)	round	dense	no maintenance	slow growth rate, difficult to transplant	red fall color
Mulberry (Morus alba 'Tatarica')	round	dense	all soils, rapid growth rate	litters, needs wind protection, needs pruning	fruit
Russian Olive (Elaeagnus augustifolia)	spreading	light	withstands insects, grows in dry soil	requires sun	flowers
Saucer Magnolia (Magnolia soulangeana)	round	dense	moderate growth rate, easily transplanted, tolerates city	requires well drained soil, requires rich moist soil, needs sun	flowers, bronze fall color

Medium Trees, 35 - 75 feet at mature height: Uses

Species	Use						
	Sidewalk	On Lot	Common open space	Screen -ing	Setback	Park Street	Replacement
American Yellowwood (Cladrastis lutea)		x	x				

Ash, Green ( <i>Fraxinus pennsylvatica lanceolata</i> )	x	x	x	x	x	x	x
Bradford Pear ( <i>Pyrus calleryana</i> )	x	x	x			x	x
Chinese Chestnut ( <i>Castanea mollissima</i> )		x	x		x	x	x
Cork Tree, Amur ( <i>Phellodendron amurense</i> )	x	x	x				
Elm, Smooth Leaf ( <i>Ulmus carpinifolia</i> )	x	x	x	x	x	x	
Elm, Chinese ( <i>Ulmus parvifolia</i> )		x	x			x	
Elm, Siberian ( <i>Ulmus pumila</i> )		x	x			x	
European Beech ( <i>Fagus sylvatica</i> )				x			x
European Hornbeam ( <i>Carpinus betulus</i> )		x	x			x	
Honey Locust ( <i>Gleditsia triacanthos</i> )							

Katsura ( <i>Cercidiphyllum japonicum</i> )	x	x	x		x	x	
Little Leaf Linden ( <i>Tilia cordata</i> )	x	x	x		x	x	x
Maple, Norway ( <i>Acer platanoides</i> )		x	x			x	x
Maple, Red ( <i>Acer rubrum</i> )	x	x	x	x	x	x	x
Oak, Willow ( <i>Quercus phellos</i> )	x		x				x
Poplar, Lombardi ( <i>Populus nigra</i> 'Italica')		x	x	x	x	x	x
Zelkova, Japanese ( <i>Zelkova serrata</i> )	x						x

Medium Trees, 35 - 75 feet at mature height: Shape, Foliage, Advantages, Disadvantages and Characteristics.

Species	Shape	Foliage	Advantages	Disadvantages	Other Characteristics
American Yellowwood ( <i>Cladrastis lutea</i> )	round	dense	withstands insects	spreading shallow roots, difficult to transplant	flowers, yellow fall color
Ash, Green ( <i>Froxinus pennsylvatica lanceolata</i> )	round	dense	all soils, rapid growth rate, wind resistant	low insect resistance	fall color

Bradford Pear ( <i>Pyrus calleryana</i> )	pyramidal	dense	tolerates city, withstands fire blight	needs pruning	flowers, fall color: bronze/red
Chinese Chestnut ( <i>Castanea mollissima</i> )	spreading round	dense	rapid growth rate, withstands insects	requires well drained soil	fruit, fall colors
Cork Tree, Amur ( <i>Phellodendron amurense</i> )	round	light	rapid growth rate, tolerates city, easily transplanted	litters	fruit, fall color: yellow
Elm, Smooth Leaf ( <i>Ulmus carpinifolia</i> )	round	dense	rapid growth rate, withstands insects	blight	
Elm, Chinese ( <i>Ulmus parvifolia</i> )	round-oval	dense	rapid growth rate, withstands insects	blight	
Elm, Siberian ( <i>Ulmus pumila</i> )	round	light	all soils, rapid growth rate, withstands insects	blight	
European Beech ( <i>Fagus sylvatica</i> )	pyramidal	dense	easily trans- planted, use as hedge if pruned	slow growth rate, requires well drained soil	fall color: bronze
European Hornbeam ( <i>Carpinus betulus</i> )	round	dense	all soils, withstands insects	slow growth rate, requires sun	fruit, fall color

Honey Locust ( <i>Gleditsia triacanthos</i> )	open-headed	light	moderate growth rate, tolerates city, all soils	litters, needs sun	fall color: pale yellow
Katsura ( <i>Cercidiphyllum japonicum</i> )	round	dense	no maintenance rapid growth rate, disease free	prefers open sunny site	fall color: yellow some scarlet or purple
Little Leaf Linden ( <i>Tilia cordata</i> )	oval-pyramidal	dense	withstands insects, tolerates city, easily transplanted	needs maintenance, slow growth rate	fall color: pale yellow
Maple, Norway ( <i>Acer platanoides</i> )	columnar	dense	tolerates city, rapid growth rate, easily transplanted no maintenance	surface roots	fall color: yellow
Maple, Red ( <i>Acer rubrum</i> )	round	dense	rapid growth rate, easily transplanted resists disease	litters	fall color: scarlet/ orange yellow
Oak, Willow ( <i>Quercus phellos</i> )	pyramidal-spreading	dense	rapid growth rate, easily transplanted	prefers moist soil, can't withstand cold winter	fall color: yellow
Poplar, Lombardi ( <i>Populus nigra</i> 'Italica')	fastigate	light-dense	easily transplanted rapid growth rate	short-lived, needs maintenance, roots pry open sewers	fall color: yellow
Zelkova, Japanese ( <i>Zelkovaserrata</i> )		dense	all soils, rapid growth rate		



Large Trees, 75 feet or more at mature height: Uses

Species	Use						
	Sidewalk	On Lot	Common open space	Screen -ing	Setback	Park Street	Replacement
American Beech ( <i>Fagus grandifolia</i> )		x	x			x	x
Black Gum (Sour Gum) ( <i>Nyssa sylvatica</i> )		x	x				
Cucumber Tree ( <i>Magnolia acuminata</i> )		x	x				
European White Birch ( <i>Betula perdula</i> )		x	x			x	x
Ginkgo ( <i>Ginkgo biloba</i> )	x	x	x	x	x	x	x
Japanese Pagoda ( <i>Sophora japonica</i> )	x	x	x				x
Kentucky Coffee Tree ( <i>Gymnocladus dioicus</i> )		x	x	x	x	x	x
Linden, Silver ( <i>Tilia petiolaris</i> )	x	x	x		x		x
Locust, Black ( <i>Robinia pseudoacacia</i> )		x	x		x	x	

Maple, Silver ( <i>Acer saccharinum</i> )		x	x			x	x
Maple, Sugar ( <i>Acer saccharum</i> )		x	x			x	x
Oak - Pin ( <i>Quercus palustris</i> )		x	x		x	x	x
Oak, Red ( <i>Quercus borealis</i> )	x	x	x		x	x	x
Oak, White ( <i>Quercus alba</i> )		x	x				
Sweetgum ( <i>Liquidambar styraciflua</i> )	x	x	x	x		x	
Sycamore, London Plane ( <i>Platanus acerifolia</i> )	x	x	x	x	x	x	x
Tulip Tree ( <i>Liriodendron tulipifera</i> )		x	x			x	x
Blue Atlas Cedar ( <i>Cedrus atlantica</i> 'Glauca')		x	x	x	x		x
Douglas Fir ( <i>Pseudotsuga menziesii</i> )		x	x	x	x		x
Eastern White Pine ( <i>Pinus strobus</i> )			x	x	x		x

Large Trees, 75 feet or taller at mature height: Shape, Foliage, Advantages, Disadvantages and Characteristics.

Species	Shape	Foliage	Advantages	Disadvantages	Other Characteristics
American Beech ( <i>Fagus grandifolia</i> )	round	dense	hedge use if pruned, wind resistant, easily transplanted	slow growth rate, shallow roots	fall color: bronze
Black Gum (Sour Gum) ( <i>Nyssa sylvatica</i> )	pyramidal	dense	withstands insects, moderate growth rate no maintenance	difficult to transplant	fall color: scarlet/orange
Cucumber Tree ( <i>Magnolia acuminata</i> )	pyramidal (varies)	dense	withstands insects, rapid growth rate, grows in partial shade/sun		flowers
European White Birch ( <i>Betula pendula</i> )	pyramidal	light	easily transplanted rapid growth rate withstands insects	needs protection, prefers cold climate	fall color: yellow
Ginkgo ( <i>Ginkgo biloba</i> )	columnar pyramidal spreading	light	all soils, withstands insects, tolerates city, easily transplanted	slow growth rate, avoid female	fall color: pale yellow
Japanese Pagoda ( <i>Sophora japonica</i> )	round-weeping	light	all soils, withstands insects, tolerates city, easily transplanted rapid growth rate	needs maintenance, requires sun	flowers, fall color: yellow
Kentucky Coffee Tree ( <i>Gymnocladus dioica</i> )	fastigate	light	all soils, long life, withstands insects, long life	needs protection, requires sun, slow growth rate	

Linden, Silver ( <i>Tilia petiolaris</i> )	fastigate	dense	rapid growth rate, withstands heat & drought		fall color: pale yellow
Locust, Black ( <i>Robinia pseudoacacia</i> )	columnar	light	all soils, tolerates city, rapid growth rate	susceptible to insects	flowers
Maple, Silver ( <i>Acer saccharinum</i> )	fastigate	dense	rapid growth rate, easily transplanted	brittlewood, needs maintenance	fall color: red/ yellow-orange
Maple, Sugar ( <i>Acer saccharum</i> )	fastigate	dense	easily transplanted long life	slow growth rate, little tolerance for city	fall color: scarlet/ yellow-orange
Oak, Pin ( <i>Quercus palustris</i> )	pyramidal	dense	all soils, withstands insects, rapid growth rate, easily transplanted	needs maintenance	fall color: scarlet
Oak, Red ( <i>Quercus borealis</i> )	oval	dense	tolerates city, grows faster than other oaks, easily transplanted		fall color: red
Oak, White ( <i>Quercus alba</i> )	round	dense	holds leaves in winter	slow growth rate, prefers dry soil	
Sweetgum ( <i>Liquidambar styraciflua</i> )	pyramidal	dense	moderate growth rate, withstands insects	difficult to transplant	flowers, fall color
Sycamore, London Plane ( <i>Platanus Acerifolia</i> )	round-spreading	light-dense	all soils, tolerates city, easily transplanted rapid growth rate	overplanted in NYC, susceptible to fungus	

Tulip Tree (Liriodendron tulipifera)	pyramidal		withstands insects	requires well drained soil	flowers, fall color
Blue Atlas Cedar (Cedrus atlantica 'Glauca')	pyramidal	evergreen	moderate growth rate, easily transplanted no maintenance		
Douglas Fir (Pseudotsuga menziesii)	pyramidal	evergreen	easily transplanted rapid growth rate	needs protection	
Eastern White Pine (Pinus strobus)	pyramidal	evergreen	easily transplanted rapid growth rate	requires well drained soil	