



Glen Ridge
S t r e e t T r e e

Resource Booklet

November, 2014

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*Source: Glen Ridge Shade Tree Commission, Spring
2014 Photo Contest taken by resident Thomas Wenzl
on Toney's Brook*



About this document

The Glen Ridge Street Tree Resource Booklet was developed by the Glen Ridge Shade Tree Commission and is intended to help guide community members that are interested in selecting a new shade tree or learning more about the trees that are being planted in the Borough. This booklet is intended to be used in coordination with The Glen Ridge Community Forest Master Plan.

The following pages include photographs and information about the street trees that are approved for planting in the Borough of Glen Ridge and may be modified from time to time based on a number of factors.

Photography Credits:

Many of the photographs throughout this document were taken by Glen Ridge residents as part of a series of photo contests sponsored by the Glen Ridge Shade Tree Commission. Credits for these photographs have been noted directly on the photograph. All other photographs are credited accordingly.

Cover Image: *Glen Ridge Shade Tree Commission, Fall 2013*
Photo Contest taken by resident *Tim Delorm* on Forest Avenue

*“From a small seed
a mighty trunk may
grow.”*

~Aeschylus



Source: Glen Ridge Shade Tree Commission,
Fall 2014 Photo Contest taken by resident Dina
DeShan on Glen Ridge Parkway.



Approved Street Tree List

I. Large Shade Tress for Planting Areas greater than 4’ x 6’	5
BLACK TUPELO	6
DAWN REDWOOD	7
ELM	8
GINGKO	9
HARDY RUBBER TREE	10
HONEYLOCUST	11
KATSURATREE	12
KENTUCKY COFFEETREE “PRAIRIE TITAN”	13
AMERICAN LINDEN	14
LITTLERLEAF LINDEN	15
SILVER LINDEN	16
CRIMEAN LINDEN	17
LONDON PLANETREE	18
MAPLE, RED	19
MAPLE, SUGAR	20
OAK, PIN	21
OAK, RED	22
OAK, SHINGLE	23
OAK, WHITE	24
OAK, WILLOW	25
PAGODA TREE	26
SWEETGUM	27
JAPANESE ZELKOVA	28

II. Understory Small and Medium Tress for Planting Areas greater than 2’ x 6’	29
AMERICAN YELLOWWOOD	30
AMUR MAACKIA	31
CHERRIES*	32
CRABAPPLES*	33
DOGWOOD*	34
EASTERN REDBUD*	35
GOLDEN RAIN TREE	36
HACKBERRY	37
HAWTHORN*	38
HOP HORNBEAM	39
JAPANESE SNOWBELL	40
MAPLE, AMUR	41
MAPLE, HEDGE	42
PURPLELEAF PLUM*	43
REDSPIRE PEAR*	44

* ‘Gateway Trees’ (refer to the Glen Ridge Community Forest Master Plan for more informatin)

*“One generation plants
a trees and another gets
the shade.”*

~Chinese Proverb



Source: Glen Ridge Shade Tree Commission, Fall
2013 Photo Contest taken by resident Timothy
Delorm on Hamilton Road



BLACK TUPELO

Nyssa sylvatica



Key Stats:

Form:	Pyramidal in youth with horizontal branches forming, and rounded or irregular crown.
Mature Height:	30' to 50'
Mature Spread:	20' to 30'
Use:	Acceptable street tree. Works well as specimen tree.
Notable Characteristics:	Slow to medium grower, Outstanding habit and fall foliage. Lustrous dark green leaves change to fluorescent yellow, orange, scarlet in fall
Limitations:	Numerous disease and insect problems. 'Red Range' possibly best solution for disease resistance.

Where can I find this tree in Glen Ridge?



Fall foliage ranges from yellow to scarlet red.



Irregular short segments ridge bark.



Alternate, simple lustrous dark green leaves.

DAWN REDWOOD

Metasequoia glyptostroboides



Key Stats:

Form:	Pyramidal, conical, with single straight trunk in early age.
Mature Height:	70' to 100'
Mature Spread:	25'
Use:	Interesting specimen street tree. Deciduous conifer
Notable Characteristics:	Fast grower, Reddish brown bark, fine leaf, Orange brown fall foliage
Limitations:	Prefers full sun. Sometimes damaged by early frosts.
Where can I find this tree in Glen Ridge?	Dawn Redwood was not identified on the 2013 tree inventory.



Deciduous conifer with stunning winter form.



Reddish-brown bark and brilliant fall foliage.



Signature conical shape.



Dawn Redwood Cones.



Simple, linear opposite/subopposite fine leaf.



image source: Trees at Brown, "Liberty Elm"

Key Stats:

Form: Vase-shaped with majestic arching limbs; sometimes takes on a oak-like form.

Mature Height: 60' to 80'

Mature Spread: 30' to 40'

Use: Dutch Elm disease resistant varieties make excellent street trees for wide avenues and streets with planting strips greater than 4 feet wide.

Notable Characteristics: Medium grower, Vase-shaped canopy, Orange-yellow fall foliage

Limitations: Disease resistant varieties like 'Patriot', 'Princeton', 'Valley Forge', 'New Harmony' & 'Independence' should only be planted.

Where can I find this tree in Glen Ridge?
Glenridge Avenue & Highland Avenue
Essex Avenue & Benson Street
Ridgewood Avenue & Gray Street



image source: Central Park Conservancy

The Mall and Literary walk of Central Park with its majestic Elms.



Patriot Elm fall foliage.



Key Stats:

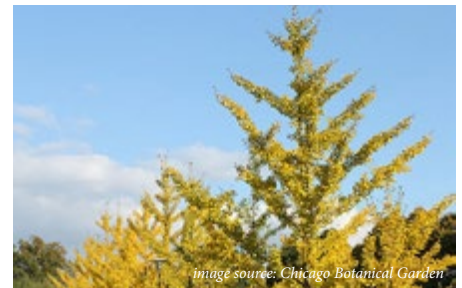
Form:	Pyramidal when young. Broad in old age with massive, picturesque branches
Mature Height:	50' to 80'
Mature Spread:	30' to 40'
Use:	Excellent urban street tree in public areas. May be planted in tightly spaced groups for greater visual impact.
Notable Characteristics:	Slow grower, Bright green fan-shaped leaf, Yellow fall foliage
Limitations:	Flesh of female fruit is messy and malodorous. Male trees should only be planted.
Where can I find this tree in Glen Ridge?	Highland Avenue & Glenridge Avenue Highland Avenue & Mead Terrace Stanford Place & Ridgewood Avenue



Brilliant yellow fall foliage.



Branching habit emerging as fall leaves drop.



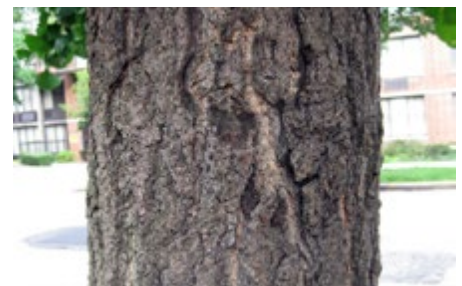
Pyramidal branching habit.



Female Fruit - Malodorous and Messy.



Bright green fan-shaped leaves



Gray-brown ridge and furrow bark.

HARDY RUBBER TREE

Eucommia ulmoides



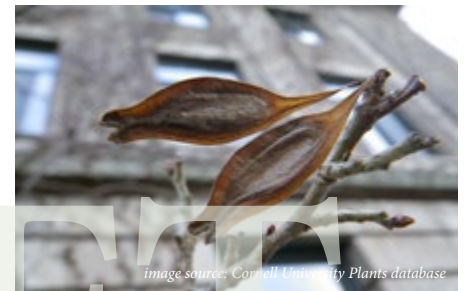
Key Stats:

Form:	Rounded to broad spreading form.
Mature Height:	40' to 60'
Mature Spread:	40' to 60'
Use:	Excellent shade tree, works well as street tree.
Notable Characteristics:	Medium growth rate, six inch long lustrous dark green leaves, No fall foliage color
Limitations:	None serious

Where can I find this tree in Glen Ridge?



Lustrous dark green simple alternate leaves, when torn exhibits rubbery substance.



Capsule-like fruit with compressed wings.



Thornless varieties most commonly planted.

HONEYLOCUST

Gleditsia triacanthos inermis



image source: University of Missouri

Key Stats:

Form:	Pyramidal when young. Broad in old age with massive, picturesque branches
Mature Height:	30' to 70'
Mature Spread:	30' to 70'
Use:	Excellent city tree offering diffused shade through fine-textured leaves and leaflets. Good in front of businesses.
Notable Characteristics:	Fast grower, Compound leaflets, Light texture, Yellow fall foliage
Limitations:	<i>G. triacanthos inermis</i> is a thornless variety that is most often planted in street settings.
Where can I find this tree in Glen Ridge?	Forest Avenue & Burnett Street Glen Ridge Parkway & Forest Avenue Appleton Place & Hillside Avenue



image source: Virginia Tech

Pinnately compound leaves with 20-30 leaflets



image source: Evolutionary Anthropology

Fruit consists of pea-like pods.



image source: Red Bubble

Grayish-brown, long & narrow scaly ridges.



image source: Science Web

Pure yellow to yellow-green fall foliage.



image source: Springfield Plateau

Thornless varieties most commonly planted.

KATSURATREE

Cercidiphyllum japonicum



Key Stats:

Form:	Pyramidal in youth, wide spreading pyramidal with age.
Mature Height:	40' to 60'
Mature Spread:	30' to 40'
Use:	Good street tree
Notable Characteristics:	Medium to fast grower, Leaves emerge reddish purple, Change to bluish green with Yellow apricot fall foliage
Limitations:	None serious; sun scald and bark splitting may occur.

Where can I find this tree in Glen Ridge?



Summer foliage



Heart shaped purplish leaves.



Yellow to apricot fall foliage.



Lightly shaggy bark like Hickory.



Male flowers.

KENTUCKY COFFEETREE “PRAIRIE TITAN” *Gymnocladus dioica*



image source: Oregon State University Plants database

Key Stats:

Form:	Vertical ascending branches form a narrow egg shaped crown.
Mature Height:	60' to 75'
Mature Spread:	40' to 50'
Use:	Good tree for large areas.
Notable Characteristics:	Slow to medium grower, Bold winter habit and unique bark pattern. Leaves emerged with pinkish purple tinge changing to dark green, Inconsistent yellow fall foliage in summer
Limitations:	None serious.
Where can I find this tree in Glen Ridge?	



image source: Oregon State University Plants database

Inconsistent Yellow to green fall foliage.



image source: Wikimedia Commons

Bipinnately compound dark green leaves.



image source: Cornell University Plants database

Dry fruit pods in fall and winter season.



image source: Oregon State University Plant database

Rough, hard and scaly ridges bark.



image source: City of Fargo

Key Stats:

Form:	Tall, with numerous low hung branches becomes ovate or oblong in shape.
Mature Height:	60' to 80'
Mature Spread:	30' to 40'
Use:	Formal large tree provides deep shade for wide streets, boulevard, and park tree in open landscape areas.
Notable Characteristics:	Dense foliage, Formal form, Yellow or yellow-brown fall foliage
Limitations:	American Linden (Basswood) does best in forests. European varieties like 'Greenspire', 'Prestige' perform better as street trees. Not suitable for street tree planting. Bees are sometimes an issue.
Where can I find this tree in Glen Ridge?	Linden Avenue & Hawthorne Avenue Avon Terrace & Forest Avenue Wildwood Terrace & Sherman Avenue



image source: Wikimedia Commons

Dark green leaf with a silvery-white underside can create a shimmering effect.

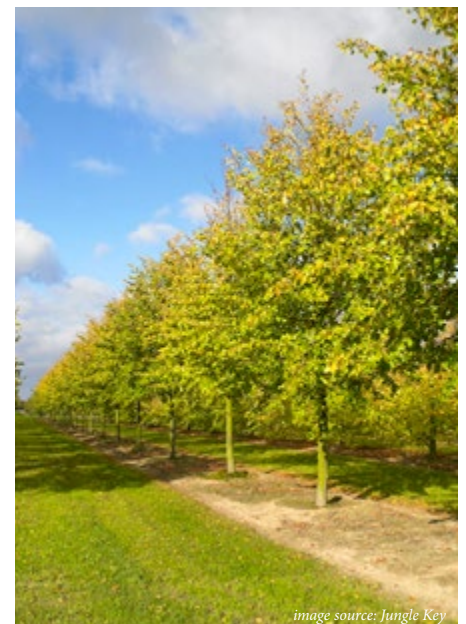


image source: Jungle Key

Yellow or Yellow-brown fall foliage.

LITTLELEAF LINDEN

Tilia cordata



image source: Landscape Ontario

Key Stats:

Form:	Pyramidal in youth, Upright oval with age
Mature Height:	60' to 70'
Mature Spread:	30' to 40'
Use:	Good street tree provides deep shade Its medium size permits using it on sites with limited space.
Notable Characteristics:	Medium grower, Dense, formal form, inconsistent Yellow fall foliage
Limitations:	European Linden ('Greenspire' 'Prestige') best suite as street trees. Susceptible to aphid infestation resulting in sooty mold.

Where can I find this tree in Glen Ridge?



image source: Gardening Know How

Yellow fall foliage.



image source: Oregon State University plants database

Small dark green leaf with serrated edges.

SILVER LINDEN

Tilia tomentosa



image source: HGTV

Key Stats:

Form:	Pyramidal in youth, Upright oval with age
Mature Height:	50' to 70'
Mature Spread:	25' to 40'
Use:	Excellent street tree, tolerates heat and drought, urban tolerant, very pH adaptable, provides deep shade.
Notable Characteristics:	Medium grower, Dense, formal form. Not showy yellow or yellow- green fall foliage
Limitations:	American linden (Basswood) does best in forests. European varieties perform better as street trees.

Where can I find this tree in Glen Ridge?



image source: Pepinieris-Naudet

Lustrous dark green top with silvery tomentous beneath leaves.



image source: Lasdon Arboretum

Yellow or Yellow-green fall foliage.

CRIMEAN LINDEN

Tilia x euchlora



image source: Oregon State University database

Key Stats:

Form:	Pyramidal in youth, Upright oval with age
Mature Height:	40' to 60'
Mature Spread:	20' to 30'
Use:	Excellent street tree, provides deep shade works well for city malls, urban location and planter boxes
Notable Characteristics:	Medium grower, Dense, formal form, Yellow or yellow-green fall foliage
Limitations:	Susceptible to aphid infestation resulting in sooty mold

Where can I find this tree in Glen Ridge?



image source: Oregon State University database

Yellow or Yellow-green fall foliage.



image source: Oregon State University database

Bright green cordate leaf shape.

LONDON PLANETREE

Platanus x acerfolia



image source: BQEKeeper

Key Stats:

Form:	Pyramidal when young, large, open, wide spreading branches in maturity.
Mature Height:	70' to 100'
Mature Spread:	65' to 80'
Use:	Many large historic lines in Glen Ridge's streets. It is a hardy and adaptable tree. Requires a wide planting strip and is best suited to wide avenues and streets
Notable Characteristics:	Medium to fast grower, Cream olive, light brown camouflage bark, Yellow brown fall foliage
Limitations:	Michael A. Dirr states that many diseases have caught up to the tree and recommends that its use be tempered.
Where can I find this tree in Glen Ridge?	Hathaway Place & Sherman Avenue Laurel Place & Sherman Avenue Carteret Street & Midland Avenue



image source: Cozy London Planetree

Young London planetree.



image source: Diamicite

Characteristically shaped Maple leaves..

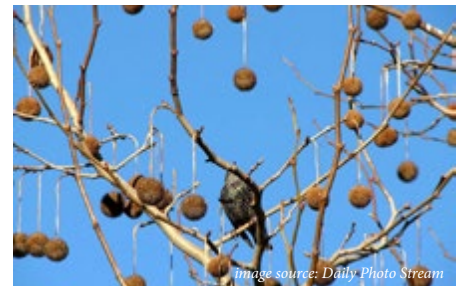


image source: Daily Photo Stream

Fruit often persists after leaves fall.



image source: Climate Watch

Fruits with maple-like leaves.

MAPLE, RED

Acer rubrum



image source: City Garden Ideas

Key Stats:

Form:	Pyramidal when young, irregular, ovoid or rounded crown when mature.
Mature Height:	40' to 60'
Mature Spread:	40' to 60'
Use:	Excellent specimen tree for lawn or street. Good for areas where slow growth is desired.
Notable Characteristics:	Medium to fast grower, Yellow to brilliant red fall foliage, Dense cluster of red flowers, Samara fruit
Limitations:	Due to over planting of Maple species, Red Maples should be planted sparingly within Borough limits.
Where can I find this tree in Glen Ridge?	Ridgewood Avenue & Linden Avenue Douglas Road & Lincoln Street Forest Avenue & Glen Ridge Parkway



Pinnately compound leaves with 20-30 leaflets



image source: Flickrriver

Fruit (samaras) of Red Maple



image source: Edwin Reinsberg Photographs

Spring bloom of Red Maple.



image source: Wikimedia Commons

Characteristically shaped Maple leaves..



image source: Wildeherb

Flowers up close.

MAPLE, SUGAR

Acer saccharum



image source: Wikimedia Commons

Key Stats:

Form:	Upright-oval to rounded, usually dense with foliage.
Mature Height:	60' to 75'
Mature Spread:	45' to 60'
Use:	Large shade tree suitable for street tree planting.
Notable Characteristics:	Fast grower, Brilliant Yellow to burnt orange fall foliage
Limitations:	Due to over planting of Maple species, Red Maples should be planted sparingly within Borough limits.
Where can I find this tree in Glen Ridge?	Sherman Avenue & Bay Street Forest Avenue & Burnett Street Hawthorne Avenue & Adams Place



image source: Kollar Nursery

Brilliant yellow, burnt orange fall foliage.



image source: Bioweb & WLAX

Sugar maples begin to leaf out early in Spring.



image source: Casey Trees

Key Stats:

Form:	Pyramidal with central leader; lower branches droop and upper are upright.
Mature Height:	60' to 70'
Mature Spread:	25' to 40'
Use:	Excellent street tree for wide avenues and streets. Plant to restore historic allees on Ridgewood Avenue.
Notable Characteristics:	Faster growing Oak, Deeply lobed glossy green leaf, Russet, bronze or red fall foliage
Limitations:	Prefers full sun. Needs adequate room to develop or it will heave & damage sidewalks.
Where can I find this tree in Glen Ridge?	Chestnut Hill Place & Reynolds Avenue Adams Place & Astor Place Glen Ridge Parkway & Ridgewood Ave.



image source: The Violet Fern

Pendulous lower and upright upper branches.



image source: Riverwoods Preservation Council

Deeply-lobed leaves of the Pin Oak: U-shaped



image source: PTG Nature Garden

Solitary or clustered small acorns.



image source: South Coast Gardens

Bronze to red fall foliage.



image source: Vanderbilt

Pin Oak flowers.

OAK, RED

Quercus rubra



image source: The Street Tree

Key Stats:

Form:	Rounded in youth, in old age often round topped and symmetrical.
Mature Height:	60' to 75'
Mature Spread:	60' to 75'
Use:	Valuable, fast-growing oak. Common street tree in the Northeast area.
Notable Characteristics:	Faster growing Oak, Leaf pinkish when unfolding, changing to lustrous dark green, Russet-red to bright-re fall foliage
Limitations:	Requires Full sun. Susceptible to diseases like anthracnose, leaf spots, gall and scales, etc;
Where can I find this tree in Glen Ridge?	Ridgewood Avenue & Oxford Street Columbus Avenue & Mitchell Place Ridgewood Avenue & Washington Ave.



image source: Wikimedia Commons

One-inch acorns and seven to eleven-lobed leaves.



image source: Willow Way Nursery

Brilliant russet red fall foliage.

OAK, SHINGLE

Quercus imbricaria



image source: Plant Places, Steve Foltz

Key Stats:

Form:	Pyramidal in youth, upright rounded with age.
Mature Height:	50' to 60'
Mature Spread:	50' to 60'
Use:	Excellent street tree for wide streets.
Notable Characteristics:	Slow to medium grower, Lustrous dark green laurel shaped leaf, Leaves changes to yellow brown to russet red fall foliage, Leaves persist into winter, Specimen tree
Limitations:	Slow to medium grower, Lustrous dark green laurel shaped leaf, Leaves changes to yellow brown to russet red fall foliage, Leaves persist into winter, susceptible to severe winter

Where can I find this tree in Glen Ridge?



image source: Oregon State University Plant database

Glossy dark green lanceolate leaves



image source: Oregon State University Plant database

Russet-brown winter persistent leaves.



image source: Oregon State University Plant database

Half inch acorns, usually taking two years to mature.

OAK, WHITE

Quercus alba



image source: UVM Virtual plant walk

Key Stats:

Form:	Pyramidal in youth, upright rounded with age.
Mature Height:	50' to 80'
Mature Spread:	50' to 80'
Use:	Good street tree where wide planting median available.
Notable Characteristics:	Slow to medium grower, Rounded lobed leaf, Dark green changing to red wine fall foliage. Durable and long-lived tree
Limitations:	Slow grower, difficult to transplant and establish. Numerous insect and disease pests, but damage is rarely significant like anthracnose; use should be limited.

Where can I find this tree in Glen Ridge?



image source: Oregon State University Plant database

Single or paired half to three quarter inch long acorn and five to nine-lobed dark green leaves.



image source: Cornell University database

Rounded lobed red wine color leaves.



image source: Louisiana State University

Key Stats:

Form:	Pyramidal in youth, oblong oval with age.
Mature Height:	40' to 60'
Mature Spread:	30' to 40'
Use:	Splendid avenue or street tree, buffer strip and parking lot island
Notable Characteristics:	Medium grower, one of the best Oaks for form and fine textures. Leaves emerge light green darkening in summer. Yellow to bronze orange fall foliage
Limitations:	Medium grower, fibrous root system, dormant season transplanting recommended, no serious disease or insect problems.

Where can I find this tree in Glen Ridge?



image source: Oregon State University Plant database

Yellow to bronze orange fall foliage.



image source: Wikimedia Commons

Half inch acorns and two to five inches long entire leaves.

PAGODA TREE

Styphnolobium japonicum



image source: Casey Trees

Key Stats:

Form:	Rounded shape. Branching is upright and spreading, eventually arching over.
Mature Height:	50' to 75'
Mature Spread:	50' to 75'
Use:	Good tree for city conditions, plant 'Princeton Upright' or Regent varieties.
Notable Characteristics:	Medium to fast grower, Compound medium green leaf, creamy white bell shaped flower mid-summer, bright green fruit pod
Limitations:	Grows best in moist, fertile, well-drained soil. Can be somewhat difficult to train into a central leader. Numerous disease and insect problems
Where can I find this tree in Glen Ridge?	Unknown. Pagoda tree was not identified on the 2013 tree inventory.



image source: Bernheim

Mature specimen Pagoda tree.



image source: HGTV Gardens

Pagoda Tree in Full Bloom.



image source: Climate Watch

Pagoda Fruit.

SWEETGUM

Liquidambar styraciflua 'Rotundiloba'



Key Stats:

Form:	Pyramidal when young, oblong rounded crown at maturity.
Mature Height:	60' to 75'
Mature Spread:	40' to 55'
Use:	Large street tree requiring large area for root development.
Notable Characteristics:	Star shaped lustrous green leaf, Yellow-purple fall foliage
Limitations:	Needs large area for root development and slow to establish. Seedless varieties is recommended.
Where can I find this tree in Glen Ridge?	'Rotundiloba' not identified; Sweetgum: Ridgewood Avenue & Lincoln Street Maolis Avenue & Ridgewood Avenue



Brilliant fall foliage.



Mace-like fruit.



Round-lobed leaves of 'Rotundiloba'.



Sweetgum holds its leaves late into the fall.

JAPANESE ZELKOVA

Zelkova serrata



image source: Virginia Urban Street Tree Selector

Key Stats:

Form:	Vase-shaped in youth, maturing with same form but with ascending branches.
Mature Height:	50' to 80'
Mature Spread:	40' to 70'
Use:	Good for streets and open areas. Tight, upright branches good for areas near sidewalks and vase-shape areas.
Notable Characteristics:	Medium grower, Substitute for American Elm with dark green leaves turning to bronze fall foliage
Limitations:	Susceptible to some pests common to elms but resistant to Dutch Elm disease.
Where can I find this tree in Glen Ridge?	Carteret Street & Midland Avenue Ridgewood Avenue & Reynolds Road Forest Avenue & Cambridge Road



image source: Best in Travel Magazine



image source: Phyto Images

Vase-like form with ascending branches.

Yellow or Yellow-brown fall foliage.



Source: Glen Ridge Shade Tree Commission, Spring 2014 Photo Contest taken by resident Sally Ellyson on Douglas Road.



II. Understory Small and Medium Trees for Planting Areas Larger than 2' x 6'

AMERICAN YELLOWWOOD

Cladrastis kentukea



image source: Susan's In The Garden

Key Stats:

Form:	Low branching tree with broad, rounded crown with delicate branches.
Mature Height:	30' to 50'
Mature Spread:	40' to 55'
Use:	Medium size and spreading habit make it a choice shade tree for smaller locations.
Notable Characteristics:	Medium grower, White fragrant flower, bright green leaf, Golden yellow fall foliage, Beech-like bark
Limitations:	Very few problems, should only be pruned in summer.
Where can I find this tree in Glen Ridge?	Stephen Street & Ridgewood Avenue Tuxedo Road & Ridgewood Avenue Washington Avenue & Midland Avenue



image source: Beechwood

Smooth, gorgeous bark resembling the Beech.



image source: Prickly and Bitter

Draped in fragrant summer flowers.



image source: Urban Forest Nursery

Broad, rounded form of canopy.



image source: Arrowhead

White, fragrant flowers in May/June.



image source: Tree Browser

Key Stats:

Form:	Round-headed tree, branches upright, arching and spreading.
Mature Height:	20' to 30'
Mature Spread:	30' to 40'
Use:	Highly adaptable as a street tree for narrow planting medians.
Notable Characteristics:	Slow grower, Dark green alternate compound leaf, white pea-like flowers in June, Shiny amber colored peeling bark
Limitations:	None serious

Where can I find this tree in Glen Ridge?

Windsor Place & Hillside Avenue
Woodland Avenue & Douglas Road
Yantecaw Avenue & Reid Avenue



image source: Tree Browser

Rich shining amber to brown copper bark.



image source: Philly Tree Map

Rounded, broad canopy form.



image source: Silver Tree

Pinnate leaves with 7-10 leaflets.



image source: Bachman Landscaping

Flowers are said to smell of freshly cut grass.



image source: Calphotos Berkeley

Dull white flowers in June/July.

CHERRIES

Prunus spp.



image source: Lewis Ginter Botanical Garden

Key Stats:

Form: Forked trunk with erect twiggy branches and whip-like twigs (*P. subhirtella*).

Mature Height: 20' to 40'

Mature Spread: 15' to 30'

Use: 'Okame' & 'Mazzard' Cherry are suitable to narrow planting medians. Lower branched Flowering Cherry & Plums effective single specimen or in groupings at Borough gateways.

Notable Characteristics: Medium to fast grower, Showy white to pink flowers, reddish-brown striated bark

Limitations: Low branching height and spreading habit make its use as street tree limited. Short lived with many insect make this tree a difficult long-term investment.

Where can I find this tree in Glen Ridge? Clark Avenue & Thomas Street
Chapman Place & Midland Avenue
Stanford Place & Ridgewood Avenue



image source: Chew Valley Trees

Brilliant spring flower set of cherries often signal the start of Spring for many.



image source: Danger Garden

Smooth, shiny bark with lenticels.

CRABAPPLE

Malus spp.



image source: Greenwalks

Key Stats:

Form: Pyramidal when young, round form when older.

Mature Height: 20'

Mature Spread: 20'

Use: Uptight varieties ('Adirondack', 'Red Baron', 'Prairie Fire', 'Snowdrift') are suitable to narrow planting medians. Other Crabapples effective single specimen or in groupings at Borough gateways.

Notable Characteristics: Medium grower, Profuse flowers in white, pink or red; fruit ranges from yellow-orange-red

Limitations: Many disease and insect problems. Plant in full sun.

Where can I find this tree in Glen Ridge? Benson Street & Wildwood Terrace



image source: Brookside Nursery

Malus 'Snowdrift' bloom illuminated by sun.



image source: From the Soil

Malus 'Prairie Fire' fruit persists into winter.



image source: Tanner Tracking Landscaping

Malus 'Red Baron' flowers a brilliant, deep red.



Key Stats:

Form:	Small, low-branched with horizontally spreading lines. Often wider than high.
Mature Height:	20' to 30'
Mature Spread:	20' to 30'
Use:	Dogwood should not be planted as a street tree. Effective single specimen or in groupings as understory or Borough gateway tree.
Notable Characteristics:	Slow grower, Four season interest, early spring flowering, reddish-purple fall foliage, scaly bark gives winter interest
Limitations:	A number of pests and diseases but many cultivars introduced to combat these issues.
Where can I find this tree in Glen Ridge?	Tuxedo Road & Ridgewood Avenue Ridley Court & Outlook Place Hillside Avenue & Washington Avenue



C. kousa camouflage bark.



Many varieties bred for flower colors & shape.



Brilliant white floral display of *C. florida*.



C. florida gridded bark.



C. mas drupe-shaped fruits.



C. kousa strawberry-like fruits.

EASTERN REDBUD

Cercis canadensis



image source: veryPhil!

Key Stats:

Form:	Small tree with trunk divided close to ground, spreading. Flat top to rounded.
Mature Height:	20' to 30'
Mature Spread:	25' to 35'
Use:	Effective single specimen or in groupings as an understory or gateway tree.
Notable Characteristics:	Medium grower, Rosy-pink flowers before leaves, Large heart shaped lustrous green leaves, brilliant yellow fall foliage
Limitations:	Must have partial shade. Susceptible to a variety of diseases that have led to decline in urban areas.
Where can I find this tree in Glen Ridge?	Baldwin Street & Ridgewood Avenue Cambridge Road & Town Border Essex Avenue & Baldwin Street



image source: Earth Tones

Rosy pink flowers open in March/April.



image source: Austin State University

Seed pods persist, create winter interest.



image source: Northwest Nurseries

Fall foliage.

GOLDEN RAIN TREE

Koelreuteria paniculata



image source: Wikimedia Commons

Key Stats:

Form:	Densely branched tree with rounded outline.
Mature Height:	30' to 40'
Mature Spread:	30' to 40'
Use:	One of few yellow flowering trees. A good choice for limited space.
Notable Characteristics:	Medium to fast grower, Yellow foot long flower panicles in July, bright green leaves, golden yellow-orange fall foliage.
Limitations:	Few disease or insect issues though reported to be somewhat weak wooded by Richard Dirr
Where can I find this tree in Glen Ridge?	Unknown. Golden Raintree was not identified on the 2013 tree inventory.



image source: Breaking New Ground in Zone 5

Fruit capsules turn brown & expose seed.



image source: Wikimedia Commons

Paper lantern-like fruit in August/September.



image source: Image Juicy

Dense rounded outline with yellow flowers.



image source: Wikimedia Commons

Summer yellow flowers.



image source: Go Botany

Pin Oak flowers.

HACKBERRY

Celtis occidentalis



image source: Go Botany

UPDATE
Confirm Location
(PINK BOX)

Key Stats:

Form:	Pyramidal in youth, Ascending arching branches with age.
Mature Height:	40’ to 60’
Mature Spread:	40’ to 50’
Use:	Good street tree for narrow planting strips.
Notable Characteristics:	Medium to fast grower, performs admirably under adverse conditions, fruit relished by wildlife, Yellow or yellow-green fall foliage, Corky bark
Limitations:	Several disease and insects problems. Varieties ‘Chicagoland’ and ‘Ultra’ exhibit disease resistance.
Where can I find this tree in Glen Ridge?	Clark Avenue & Thomas Street Chapman Place & Midland Avenue Stanford Place & Ridgewood Avenue



image source: Cornell University Plants database

Ridges and vallys corky-like bark.



image source: The Art Garden

Dull light yellow to green leathery leaves.

HAWTHORN

Crataegus spp.



image source: SummerChase Gardens

Key Stats:

Form:	Broad rounded with low branches that are wide spreading.
Mature Height:	20' to 30'
Mature Spread:	20' to 35'
Use:	Effective single specimen or in groupings at Borough gateways. Not for use as a street tree.
Notable Characteristics:	Slow to medium grower, white flower, lustrous green leaves, bronze-red fall foliage, red fruit.
Limitations:	Thornless varieties including Thornless Cockspur and Crimson Cloud Hawthorns should be used.
Where can I find this tree in Glen Ridge?	Hillside Avenue & Washington Avenue Hillside Avenue & Clark Avenue Highland Avenue & Mead Terrace



image source: Colorado Tree Commission

Thornless Cockspur variety



image source: Pflanzen Von Falkenhayn

Fall foliage of *C. x lavallei*.



image source: National Education Net

Fruit of *C. crusgalli* ripen in late fall, persist.



image source: Wikimedia Commons

Many thornless varieties are selected to avoid.



image source: Fossil Creek Nursery

Flower set of *C. oxyacantha* 'Crimson Cloud'.



image source: Attowhead

Malodorous flowers bloom 7 days in May.

HOP HORNBEAM

Ostrya virginiana



image source: Casey Trees

Key Stats:

Form:	Graceful with several horizontal and drooping branches, a rounded outline.
Mature Height:	25' to 40'
Mature Spread:	15' to 40'
Use:	Good for streets with very narrow planting strips.
Notable Characteristics:	Slow grower, dark green leaves, yellow fall foliage, catkins flower, nutlet fruit
Limitations:	None serious

Where can I find this tree in Glen Ridge?

Chapman Place & Midland Avenue
Hawthorne Avenue & Washington Ave.
Mitchell Place & Columbus Avenue



image source: Plant Systematics

Fruit resembles hops.



image source: Go Botany

Flowers (catkins) often persist in winter.



image source: Naturally Curious with Mary Holland

Grayish brown, narrow strips free at ends.

JAPANESE SNOWBELL

Styrax japonicus



image source: Danger Garden

Key Stats:

Form:	Small, low-branched tree developing a rounded to broad-rounded crown.
Mature Height:	20' to 30'
Mature Spread:	20' to 30'
Use:	Effective single specimen or in groupings at Borough gateways. Full sun to part shade. Not for use as a street tree.
Notable Characteristics:	Medium grower, White, slightly fragrant flower, yellow or red fall color, bark provides winter interest
Limitations:	Too delicate for challenging urban street conditions like Bloomfield Avenue. Needs to be prune and limb when planted close to street or walks.
Where can I find this tree in Glen Ridge?	Unknown. Japanese Snowbell was not identified on the 2013 tree inventory.



image source: Nursery Trees

Yellowish green fall foliage.



image source: Altius Nursery

Bell-shaped, white flowers in May/June.



image source: Name That Plant

Lustrous green leaves juxtaposed with flowers.



image source: Name That Plant

Late development of fall color adds texture.



image source: Danger Garden

Grayish fruit emerges in August.

MAPLE, AMUR

Acer ginnala 'Flame'



image source: Heritage Nursery

Key Stats:

Form:	Broad rounded with low branches that are wide spreading.
Mature Height:	15' to 18'
Mature Spread:	15' to 18'
Use:	Due to over planting of Maple species, Amur Maples should be planted sparingly within Borough limits.
Notable Characteristics:	Slow grower, grayish brown bark, yellowish-white flowers, glossy dark green leaves, yellow-orange-red fall foliage
Limitations:	High branched, single stem tree form varieties should be used.
Where can I find this tree in Glen Ridge?	Unknown. The Amur Maple was not identified on the 2013 Tree Inventory.



image source: Wikimedia Commons

3-lobed, rich dark green leaves.



image source: Waynes Boro Nurseries

Fruit display.



image source: What Grows There

Rounded, low branching form.

MAPLE, HEDGE

Acer campestre



Key Stats:

Form:	Rounded and dense. Often branches to the ground; but can be limbed up.
Mature Height:	25' to 35'
Mature Spread:	25' to 35'
Use:	Excellent small street tree for use where overhead obstructions exist or in narrow planting strips.
Notable Characteristics:	Slow grower, dark green leaves, yellow fall foliage
Limitations:	Requires pruning to limb up branches which will otherwise grow to the ground. Due to over planting of Maple species, Hedge Maples should be planted sparingly within Borough limits
Where can I find this tree in Glen Ridge?	Cambridge Road & Ridgewood Avenue Stanford Place & Ridgewood Avenue Hawthorne Avenue & Washington Ave.



Deep green, 3-to-5 lobed leaves and fruits (samaras).



Often trained as a hedge in Europe.



Yellow fall foliage.

PURPLELEAF PLUM

Prunus cerasifera



Key Stats:

Form:	Round with ascending branches.
Mature Height:	15' to 30'
Mature Spread:	15' to 25'
Use:	Plum should not be planted as a street tree. Effective single specimen or in groupings as understory or Borough gateway tree
Notable Characteristics:	Fast grower, purple leaves, five petaled white very fragrant flowers late March
Limitations:	Weak wooded and susceptible to splitting at crotch.
Where can I find this tree in Glen Ridge?	Clark Avenue & Bay Street Glenridge Avenue & Town Border Washington Avenue & Midland Avenue



Tree in full bloom.



Reddish, edible fruit emerges June to August.



Extremely fragrant flowers open early to mid March.

REDSPIRE PEAR

Pyrus calleryana 'Redspire'



image source: Cornell University Plants database

Key Stats:

Form:	Pyramidal in youth , broadening over time
Mature Height:	35' to 45
Mature Spread:	20' to 25'
Use:	'Chanticleer' and 'Redspire' varieties are good for tight planting strips.
Notable Characteristics:	Fast grower, Strong pyramidal form and profuse white flowers appearing in late April, Great three season tree, Reds, purples, and oranges very attractive fall foliage
Limitations:	Short lived (20 years) then have the tendency to break apart.
Where can I find this tree in Glen Ridge?	



image source: Cornell University Plants database

Very attractive white flower slightly malodorous.



image source: Cornell University Plants database

Purplish-red fall foliage.

Sources

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