

Glen Ridge  
Street Tree

# Resource Booklet

November, 2014

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Larry Stauffer - *Commissioner*

Eric Hanan - *Commissioner*

Michael Zichelli, AICP, PP - *Borough  
Deputy Administrator and Planner*

## **Prepared by:**

### **Arterial, LLC**

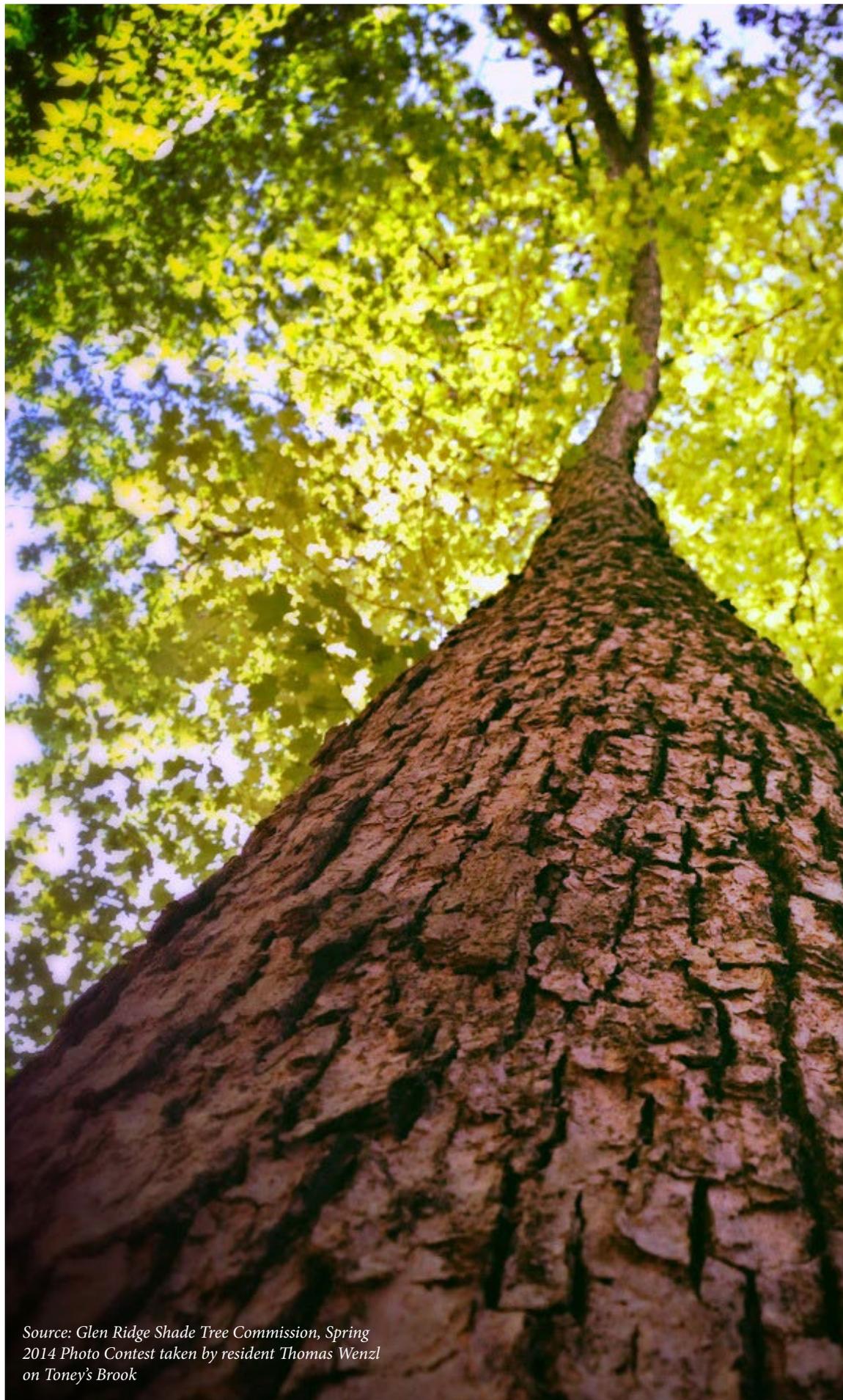
105 Grove Street Suite 7

Montclair, NJ 07042

David I Lustberg, LLA, PP

NJ Licensed LA# 00851

NJ Licensed PP# 33LI00625



*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*

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*“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.



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

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*“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*



*image source: Dave's Garden*

## 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?



*image source: Cornell University Plants database*

Fall foliage ranges from yellow to scarlet red.



*image source: Cornell University Plants database*

Irregular short segments ridge bark.



*image source: Cornell University Plants database*

Alternate, simple lustrous dark green leaves.

# DAWN REDWOOD

*Metasequoia glyptostroboides*



image source: Local Ecology

## 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.



image source: Wikimedia Commons

Deciduous conifer with stunning winter form.



image source: Deviant Art

Reddish-brown bark and brilliant fall foliage.



image source: Garden Professors

Signature conical shape.



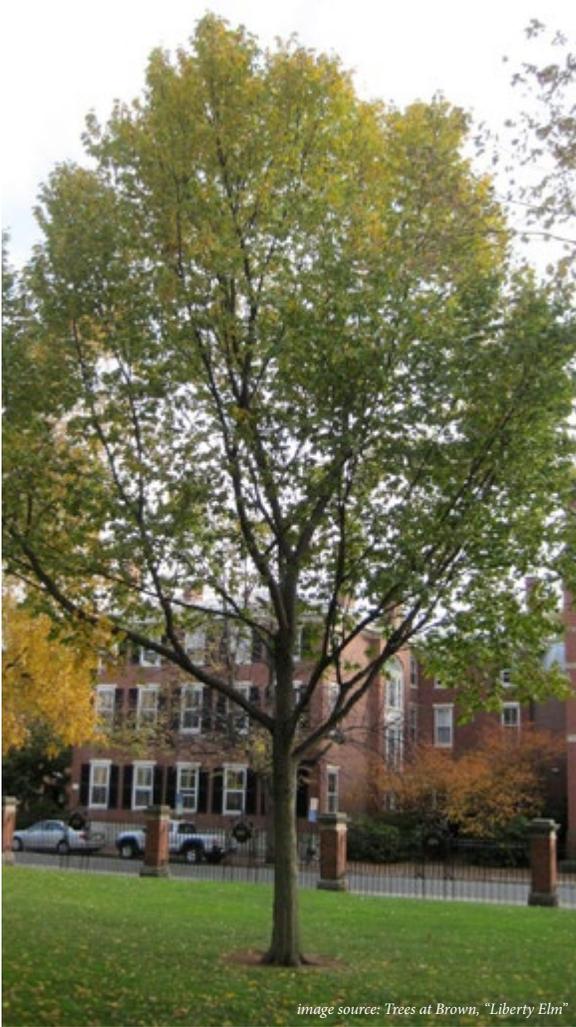
image source: Southernast Gardens

Dawn Redwood Cones.



image source: Garden Professors

Simple, linear opposite/subopposite fine leaf.



### 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



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*



*image source: University of Southern Maine*

## 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?



*image source: Oregon State University Plant database*

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



*image source: Cornell University Plants database*

Capsule-like fruit with compressed wings.



*image source: Oregon State University Plant database*

Thornless varieties most commonly planted.

# HONEYLOCUST

*Gleditsia triacanthos inermis*



## 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<br>Glen Ridge Parkway & Forest Avenue<br>Appleton Place & Hillside Avenue            |



Pinnately compound leaves with 20-30 leaflets



Fruit consists of pea-like pods.



Grayish-brown, long & narrow scaly ridges.



Pure yellow to yellow-green fall foliage.



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*



## 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?**



Inconsistent Yellow to green fall foliage.



Bipinnately compound dark green leaves.



Dry fruit pods in fall and winter season.



Rough, hard and scaly ridges bark.

# LINDEN

*Tilia* spp.



*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*



## 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?



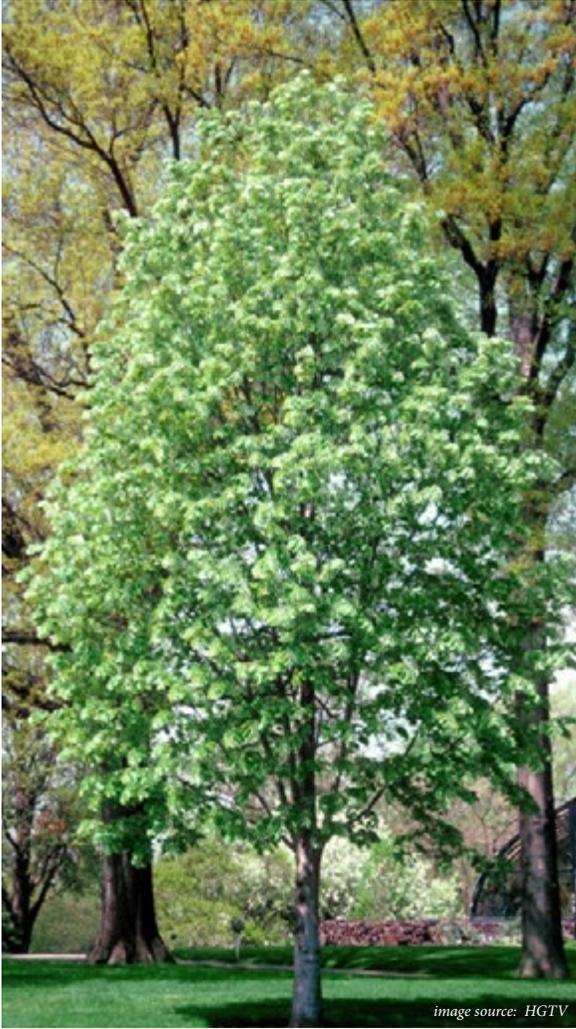
Yellow fall foliage.



Small dark green leaf with serrated edges.

# SILVER LINDEN

*Tilia tomentosa*



## 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?



Lustrous dark green top with silvery tomentous beneath leaves.



Yellow or Yellow-green fall foliage.

# CRIMEAN LINDEN

*Tilia x euchlora*



## 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?



Yellow or Yellow-green fall foliage.



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: Dianicite

Characteristically shaped Maple leaves..



image source: Daily Photo Stream

Fruit often persists after leaves fall.



image source: Climate Watch

Fruits with maple-like leaves.



## 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



Fruit (samaras) of Red Maple



Spring bloom of Red Maple.



Characteristically shaped Maple leaves..



Flowers up close.

# MAPLE, SUGAR

*Acer saccharum*



## 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.

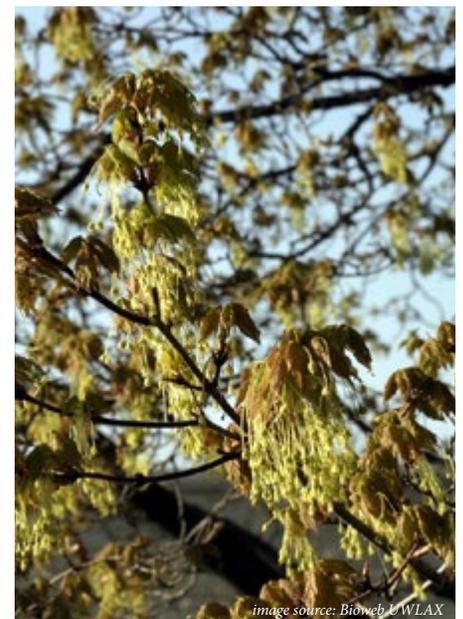
**Notable Characteristics:** Fast grower, Brilliant Yellow to burnt orange fall foliage

**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



Brilliant yellow, burnt orange fall foliage.



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, Deep;y 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: South Coast Gardens*

Bronze to red fall foliage.



*image source: PTG Nature Garden*

Solitary or clustered small acorns.



*image source: Vanderbilt*

Pin Oak flowers.



*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*



## 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?



Glossy dark green lanceolate leaves



Russet-brown winter persistent leaves.



Half inch acorns, usually taking two years to mature.

# OAK, WHITE

*Quercus alba*



## 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?



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



Rounded lobed red wine color leaves.



## Key Stats:

|                                 |   |
|---------------------------------|---|
| <b>Form:</b>                    | Pyramidal in youth, oblong oval with age.   |
| <b>Mature Height:</b>           | 40' to 60'  |
| <b>Mature Spread:</b>           | 30' to 40'  |
| <b>Use:</b>                     | Splendid avenue or street tree, buffer strip and parking lot island   |
| <b>Notable Characteristics:</b> | 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 |
| <b>Limitations:</b>             | Medium grower, fibrous root system, dormant season transplanting recommended, no serious disease or insect problems.                                |

Where can I find this tree in Glen Ridge?



Yellow to bronze orange fall foliage.



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:** Start 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*

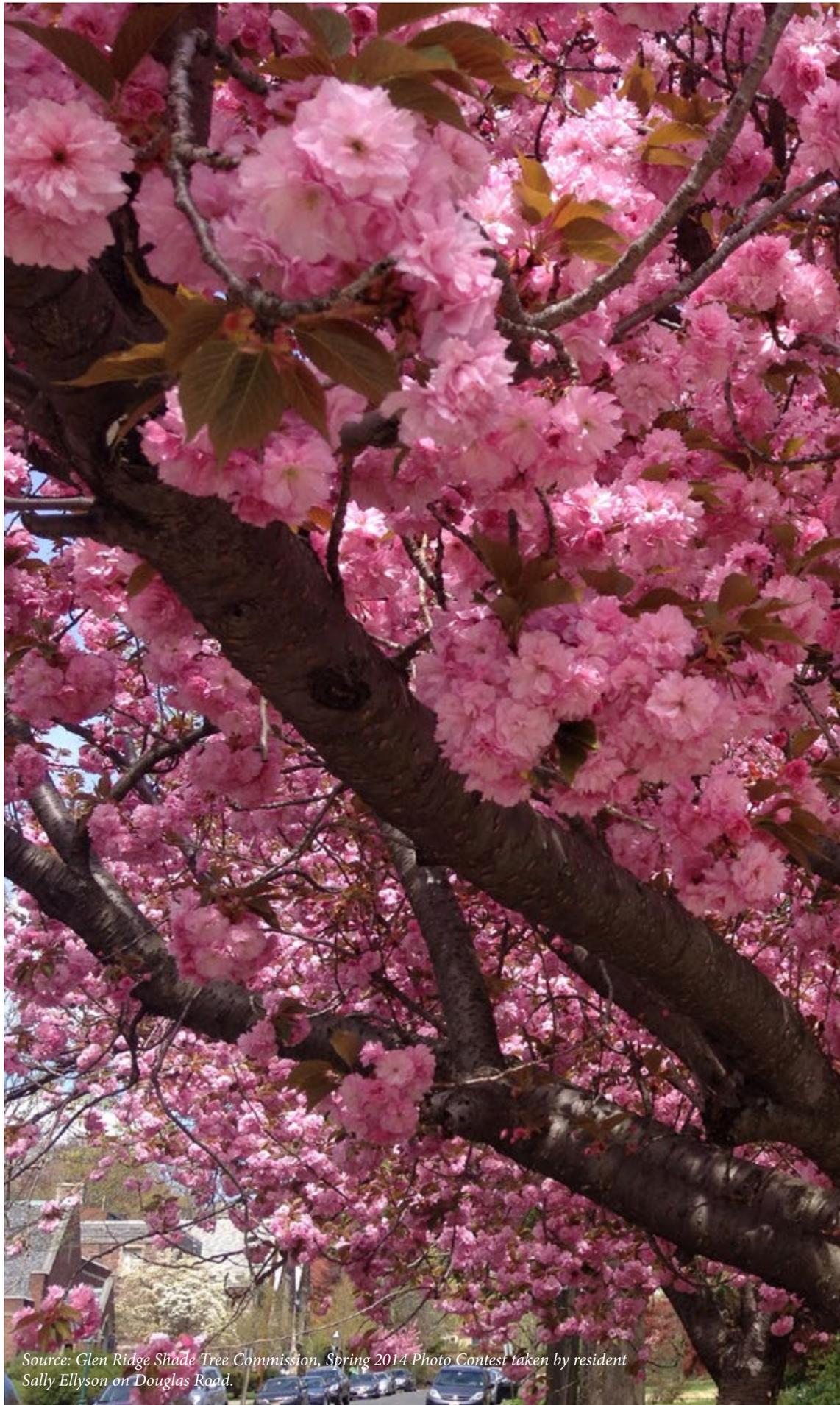
Vase-like form with ascending branches.



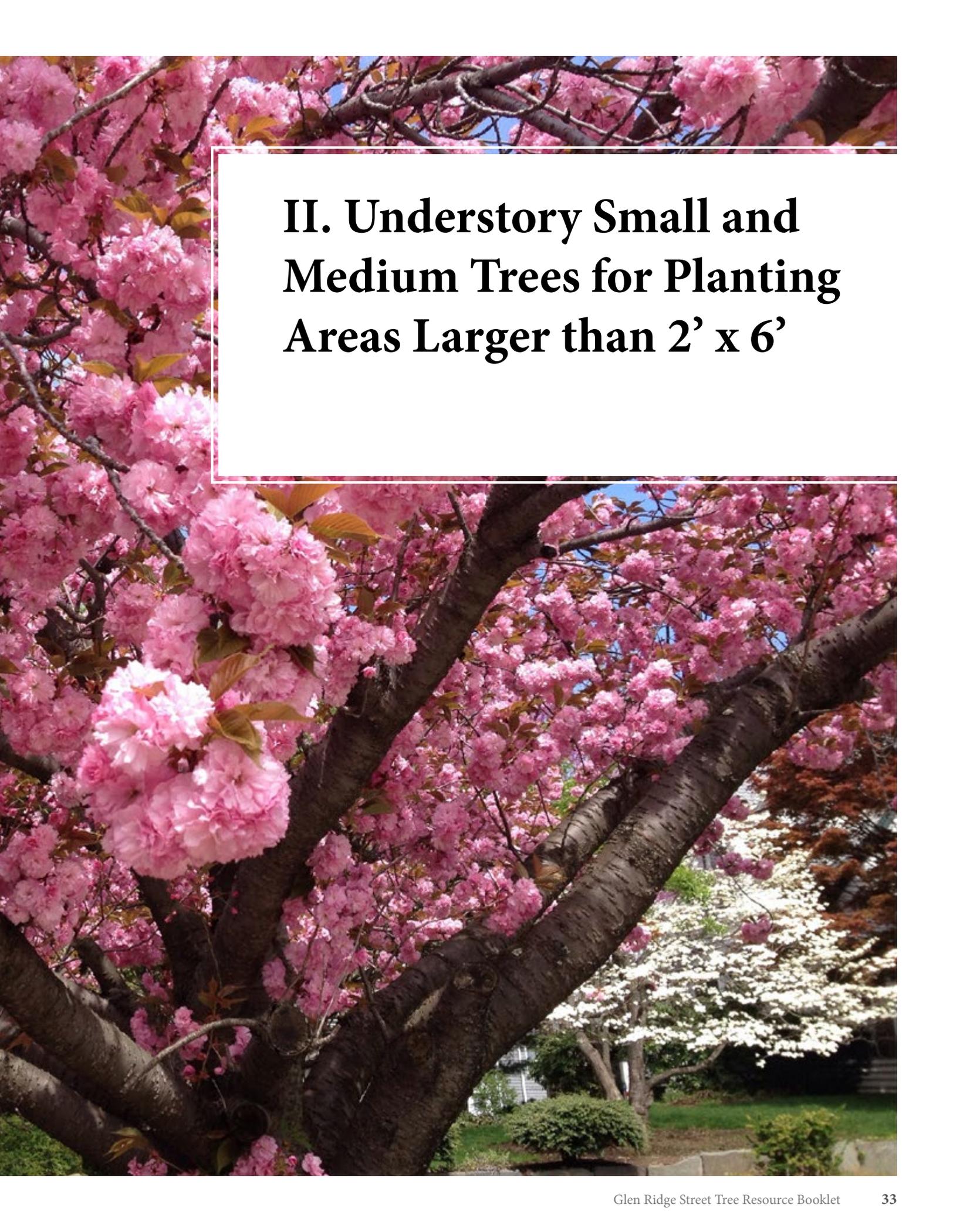
*image source: Phyto Images*

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: Bachman Landscaping*

Flowers are said to smell of freshly cut grass.



*image source: Silver Tree*

Pinnate leaves with 7-10 leaflets.



*image source: Calphotos Berkeley*

Dull white flowers in June/July.

# CHERRIES

*Prunus* spp.

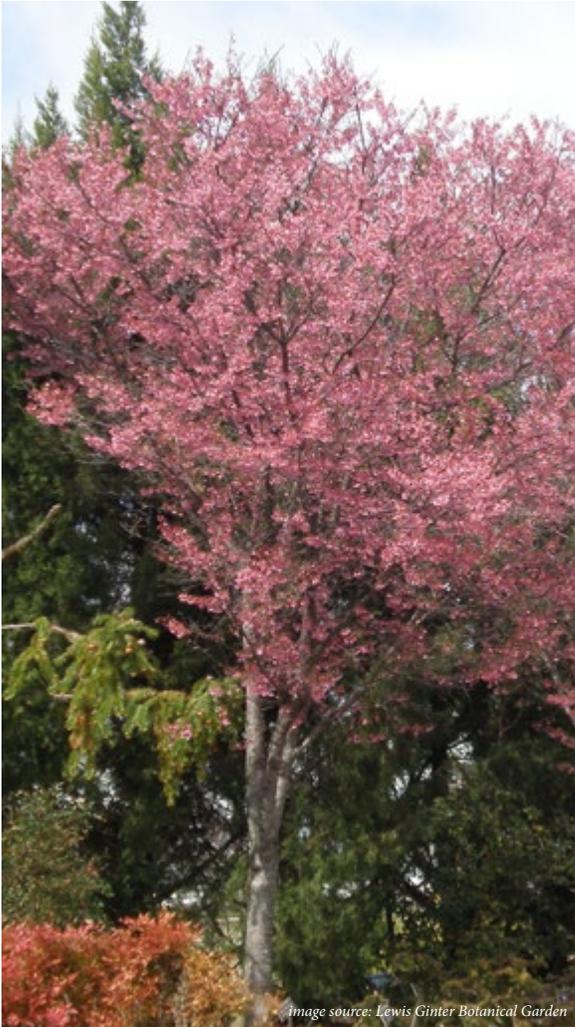


image source: Lewis Ginter Botanical Garden

## 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



image source: Danger Garden

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

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.



image source: Great Hill Horticultural Foundation, *Cornus kousa*

## Key Stats:

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



image source: UConn Horticulture Database

*C. kousa* camouflage bark.



image source: Wikimedia Commons

Many varieties bred for flower colors & shape.



image source: Wikimedia Commons

Brilliant white floral display of *C. florida*.



image source: Tree Browser

*C. florida* gridded bark.



image source: Wikimedia Commons

*C. mas* drupe-shaped fruits.



image source: Calphotos Berkeley

*C. kousa* strawberry-like fruits.

# EASTERN REDBUD

*Cercis canadensis*



## Key Stats:

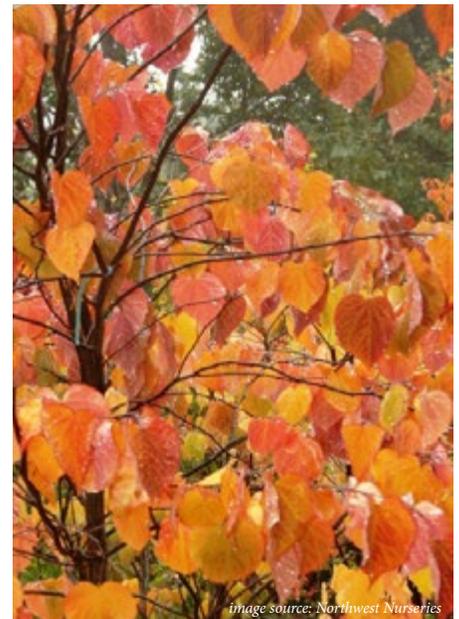
- Form:** Small tree with trunk divided close to ground, spreading. Flat top to rounded.
- Mature Height:** 20' to 30'
- Mature Spread:** 25' to 35'
- Use:** Effective single specimen or in groupings as an understory or gateway tree.
- Notable Characteristics:** Medium grower, Rosy-pink flowers before 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



Rosy pink flowers open in March/April.



Seed pods persist, create winter interest.



Fall foliage.

# GOLDEN RAIN TREE

*Koelreuteria paniculata*



## 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.



Fruit capsules turn brown & expose seed.



Paper lantern-like fruit in August/September.



Summer yellow flowers.



Dense rounded outline with yellow flowers.



Pin Oak flowers.

# HACKBERRY

*Celtis occidentalis*

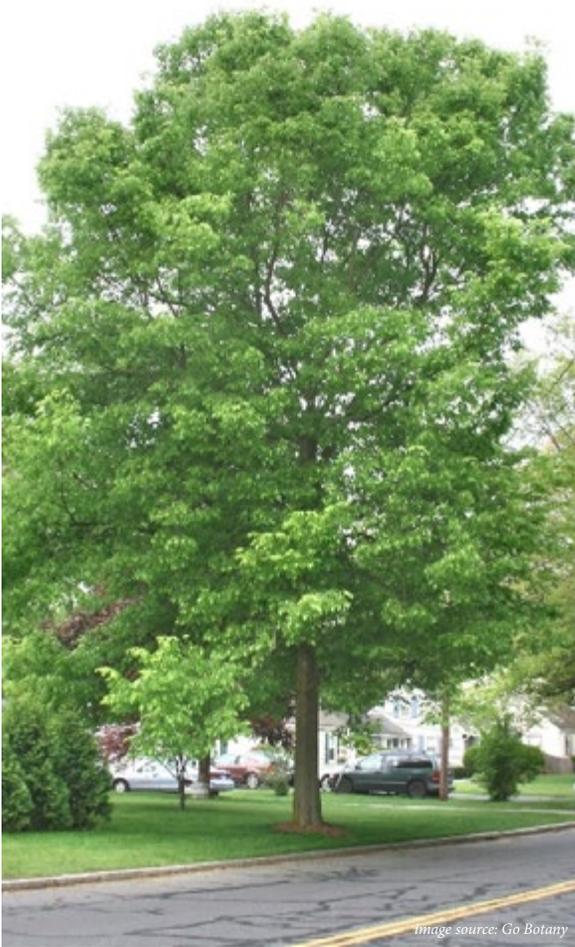


image source: Go Botany

**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 valleys 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 Association Netl

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: Attohead

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 Arctory*

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'



## 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.



3-lobed, rich dark green leaves.



Fruit display.



Rounded, low branching form.

# MAPLE, HEDGE

*Acer campestre*



image source: Garden Builders

## 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.



image source: Wikimedia Commons

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



image source: Harvard Yard Trees

Often trained as a hedge in Europe.



image source: Mizzou Botanic Garden

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'



## 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?**



Very attractive white flower slightly malodorous.



Purplish-red fall foliage.

## Sources

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