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Glen Ridge Shade Tree Commission

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Sally Ellyson - Vice Chair
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Larry Stauffer - Commissioner
Eric Hanan - Commissioner
Michael Zichelli, AICP, PP - Borough Deputy Administrator and Planner

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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
Approved Street Tree List

I. Large Shade Trees for Planting Areas greater than 4’ x 6’

- BLACK TUPELO
- DAWN REDWOOD
- ELM
- GINKGO
- HARDY RUBBER TREE
- HONEYLOCUST
- KATSURATREE
- KENTUCKY COFFEETREE “PRAIRIE TITAN”
- AMERICAN LINDEN
- LITTLELEAF LINDEN
- SILVER LINDEN
- CRIMEAN LINDEN
- LONDON PLANETREE
- MAPLE, RED
- MAPLE, SUGAR
- OAK, PIN
- OAK, RED
- OAK, SHINGLE
- OAK, WHITE
- OAK, WILLOW
- PAGODA TREE
- SWEETGUM
- JAPANESE ZELKOVA

II. Understory Small and Medium Trees for Planting Areas greater than 2’ x 6’

- AMERICAN YELLOWWOOD
- AMUR MAACKIA
- CHERRIES*
- CRABAPPLES*
- DOGWOOD*
- EASTERN REDBUD*
- GOLDEN RAINTREE
- HACKBERRY
- HAWTHORN*
- HOP HORNBEAM
- JAPANESE SNOWBELL
- MAPLE, AMUR
- MAPLE, HEDGE
- PURPLELEAF PLUM*
- REDSPIRE PEAR*

* ‘Gateway Trees’ (refer to the Glen Ridge Community Forest Master Plan for more information)
“One generation plants a trees and another gets the shade.”

~Chinese Proverb
I. Large Shade Trees for Planting Areas Larger than 4' x 6'
**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*

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### Key Stats:

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Form</strong></td>
<td>Pyramidal, conical, with single straight trunk in early age.</td>
</tr>
<tr>
<td><strong>Mature Height</strong></td>
<td>70’ to 100’</td>
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<tr>
<td><strong>Mature Spread</strong></td>
<td>25’</td>
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<tr>
<td><strong>Use</strong></td>
<td>Interesting specimen street tree. Deciduous conifer</td>
</tr>
<tr>
<td><strong>Notable Characteristics</strong></td>
<td>Fast grower, Reddish brown bark, fine leaf, Orange brown fall foliage</td>
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<tr>
<td><strong>Limitations</strong></td>
<td>Prefers full sun. Sometimes damaged by early frosts.</td>
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</tbody>
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**Where can I find this tree in Glen Ridge?**

Dawn Redwood was not identified on the 2013 tree inventory.

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**Deciduous conifer with stunning winter form.**

**Reddish-brown bark and brilliant fall foliage.**

**Signature conical shape.**

**Simple, linear opposite/subopposite fine leaf.**

**Dawn Redwood Cones.**

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**image source:** Local Ecology

**image source:** Deviant Art

**image source:** Wikimedia Commons

**image source:** Garden Professors

**image source:** Garden Professors

**image source:** South Coast Gardens
**ELM**

**Ulmus spp.**

**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

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Image source: Central Park Conservancy

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“Liberty Elm”

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.
**HARDY RUBBER TREE**

*Eucommia ulmoides*

<table>
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<td><strong>Notable Characteristics:</strong></td>
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<tr>
<td><strong>Limitations:</strong></td>
</tr>
</tbody>
</table>

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*

**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:** *G. triacanthos inermis* 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

---

**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.
- Lightly shaggy bark like Hickory.
- Yellow to apricot fall foliage.
- Male flowers.

image source: Cornell University Plants database
image source: Oregon State University Plant database
KENTUCKY COFFEE TREE “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?

Key Stats:

Form: Vertical ascending branches form a narrow egg shaped crown.
Mature Height: 60’ to 75’
Mature Spread: 40’ to 50’
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Limitations: None serious.

Where can I find this tree in Glen Ridge?
LINDEN

**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

---

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

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

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
image source: Daily Photo Stream
image source: Diamicite
image source: Climate Watch
image source: BQEKeeper

Young London planetree.
Characteristically shaped Maple leaves.
Fruit often persists after leaves fall.
Fruits with maple-like leaves.
MAPLE, RED

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
Characteristically shaped Maple leaves.
Fruit (samaras) of Red Maple
Spring bloom of Red Maple.
Flowers up close.

Acer rubrum
**MAPLE, SUGAR**

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**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

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Brilliant yellow, burnt orange fall foliage.

Sugar maples begin to leaf out early in Spring.
OAK, PIN

Quercus palustris

**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.
OAK, RED

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.

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

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 leave, 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 leave, 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.

(image source: Oregon State University Plant database)

(image source: Plant Places, Steve Foltz)
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.
OAK, WILLOW

Quercus phellos

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 serous 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.

Trees for Planting Strips Larger than Four Feet Wide
**PAGODA TREE**

Styphnolobium japonicum

**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.

Mature specimen Pagoda tree.

Pagoda Tree in Full Bloom.

Pagoda Fruit.
SWEETGUM

Liquidambur 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

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

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

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

Smooth, gorgeous bark resembling the Beech.

Draped in fragrant summer flowers.

Broad, rounded form of canopy.

White, fragrant flowers in May/June.
AMUR MAACKIA

Maackia amurensis

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

Rich shining amber to brown copper bark.

Rounded, broad canopy form.

Flowers are said to smell of freshly cut grass.

Pinnate leaves with 7-10 leaflets.

Dull white flowers in June/July.
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

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

Smooth, shiny bark with lenticels.
CRABAPPLE

Malus spp.

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

Malus 'Snowdrift' bloom illuminated by sun.

Malus 'Prairie Fire' fruit persists into winter.

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

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.

*C. florida* gridded bark.

Many varieties bred for flower colors & shape.

Brilliant white floral display of *C. florida*.

*C. mas* drupe-shaped fruits.

*C. kousa* strawberry-like fruits.
**EASTERN REDBUD**

*[Image of Eastern Redbud Tree]*

**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 hear 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 RAINTREE

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.
Dense rounded outline with yellow flowers.
Summer yellow flowers.
Pin Oak flowers.
HACKBERRY

Celtis occidentalis

**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

Ridges and vallys corky-like bark.

Dull light yellow to green leathery leaves.
HAWTHORN

Crataegus spp.

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

**Many thornless varieties are selected to avoid.**

**Fall foliage of C. x lavallei.**

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

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

**Malodorous flowers bloom 7 days in May.**
**HOP HORNBEAM**  
*Ostrya virginiana*

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**Key Stats:**

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

Where can I find this tree in Glen Ridge?

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

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Fruit resembles hops.  
Flowers (catkins) often persist in winter.  
Grayish brown, narrow strips free at ends.
**JAPANESE SNOWBELL**

*Styrax japonicus*

**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.

- Yellowish green fall foliage.
- Bell-shaped, white flowers in May/June.
- Lustrous green leaves juxtaposed with flowers.
- Grayish fruit emerges in August.
- Late development of fall color adds texture.
MAPLE, AMUR

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.

Fruit display. 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
- Requires pruning to limb up branches which will otherwise grow to the ground.

Limitations:
- 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.
Extremely fragrant flowers open early to mid March.

Reddish, edible fruit emerges June to August.
# REDSPIRE PEAR

*Pyrus calleryana ‘Redspire’*

## Key Stats:

<table>
<thead>
<tr>
<th>Form:</th>
<th>Pyramidal in youth, broadening over time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mature Height:</td>
<td>35’ to 45</td>
</tr>
<tr>
<td>Mature Spread:</td>
<td>20’ to 25’</td>
</tr>
<tr>
<td>Use:</td>
<td>‘Chanticleer’ and ‘Redspire’ varieties are good for tight planting strips.</td>
</tr>
<tr>
<td>Notable Characteristics:</td>
<td>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</td>
</tr>
<tr>
<td>Limitations:</td>
<td>Short lived (20 years) then have the tendency to break apart.</td>
</tr>
</tbody>
</table>

Where can I find this tree in Glen Ridge?

Very attractive white flower slightly malodorous.

Purplish-red fall foliage.
Sources


