

MORRISTOWN

Street Tree

Resource Booklet

June 2020



I. Large Shade Trees for Areas Larger than 4' x 6'	3
Black Tupelo (<i>Nyssa sylvatica</i>)	4
Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	5
Elm (<i>Ulmus</i> spp.)	6
Gingko (<i>Gingko biloba</i>)	7
Hardy Rubber Tree (<i>Eucommia ulmoides</i>)	8
Honey Locust (<i>Gleditsia triacanthos inermis</i>)	9
Katsura Tree (<i>Cercidphyllum japonicum</i>)	10
Kentucky Coffee Tree (<i>Gymnocladus dioicus</i>)	11
Linden (<i>Tilia</i> spp)	12
Little Leaf Linden (<i>Tilia cordata</i>)	13
Silver Linden (<i>Tilia tomentosa</i>)	14
Crimean Linden (<i>Tilia x euchlora</i>)	15
London Plane Tree (<i>Platanus x acerfolia</i>)	16
Maple, Red (<i>Acer rubrum</i>)	17
Maple, Sugar (<i>Acer saccharum</i>)	18
Oak, Pin (<i>Quercus palustris</i>)	19
Oak, Red (<i>Quercus rubra</i>)	20
Oak, Shingle (<i>Quercus imbricaria</i>)	21
Oak, White (<i>Quercus alba</i>)	22
Oak, Willow (<i>Quercus phellos</i>)	23
Pagoda Tree (<i>Styphnolobium japonicum</i>)	24
Sweetgum (<i>Liquidambar styraciflua</i>)	25
Japanese Zelkova (<i>Zelkova serrata</i>)	26
II. Understory Small and Medium Trees for Areas Larger than 2' x 6'	27
American Yellowwood (<i>Cladrastis kentukea</i>)	28
Amur Maackia (<i>Maackia amurensis</i>)	29
Cherry (<i>Prunus</i> spp)	30
Crabapple (<i>Malus</i> spp)	31
Dogwood (<i>Cornus</i> spp)	32
Eastern Redbud (<i>Cercis canadensis</i>)	33
Golden Raintree (<i>Koelreuteria paniculata</i>)	34
Hackberry (<i>Celtis occidentalis</i>)	35
Hawthorne (<i>Crataegus</i> spp)	36
Hop Hornbeam (<i>Ostrya virginiana</i>)	37
Japanese Snowball (<i>Styrax japonicas</i>)	38
Maple Amur (<i>Acer ginnala</i> 'Flame')	39
Maple, Hedge (<i>Acer campestre</i>)	40
Purpleleaf Plum (<i>Prunus cerasifera</i>)	41
Callery Pear (<i>Pyrus calleryana</i>)	42

I. LARGE SHADE TREES FOR AREAS LARGER THAN 4' X 6'



Black Tupelo (*Nyssa sylvatica*)



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, and scarlet in fall
Limitations:	Numerous disease and insect problems. 'Red Range' possibly best solution for disease resistance.
Where can I find this tree in Morristown?	21 Kenmuir Avenue



Fall foliage ranges from yellow to scarlet red.



Irregular short segments ridge bark.



Alternate, simple lustrous dark green leaves.

Dawn Redwood (*Metasequoia glyptostroboides*)



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 Morristown?	Burnham Park



Deciduous conifer with stunning winter form.



Reddish-brown bark and brilliant fall foliage.



Dawn Redwood Cones.



Signature conical shape.



Simple, linear opposite/sub opposite fine leaf.

Elm (*Ulmus* spp.)



Form: Vase-shaped with majestic arching limbs; sometimes takes on an 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.

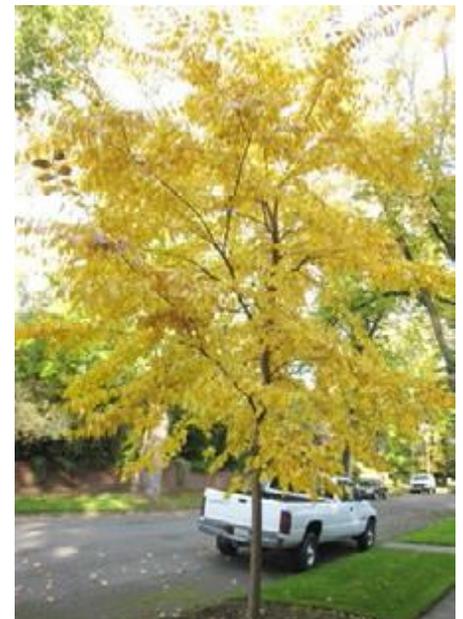
Where can I find this tree in Morristown?

41 Elm Street



image source: Central Park Conservancy

The Mall and Literary walk of Central Park with its majestic Elms.
Morristown Street Tree Resource Book



Patriot Elm fall foliage.

Ginkgo (Ginkgo biloba)



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. Only male trees should be planted.
Where can I find this tree in Morristown?	24 Elm Street



Brilliant yellow fall foliage.



Branching habit emerging as fall leaves drop.



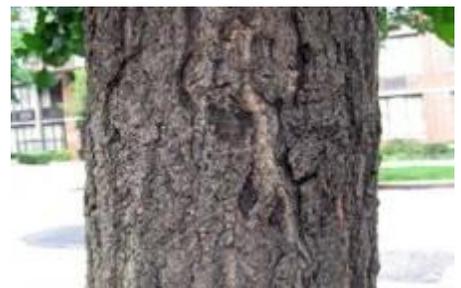
Pyramidal branching habit.



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

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 Morristown?	None at the current time



image source: Oregon State University Plant database

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



image source: Cornell University Plants database

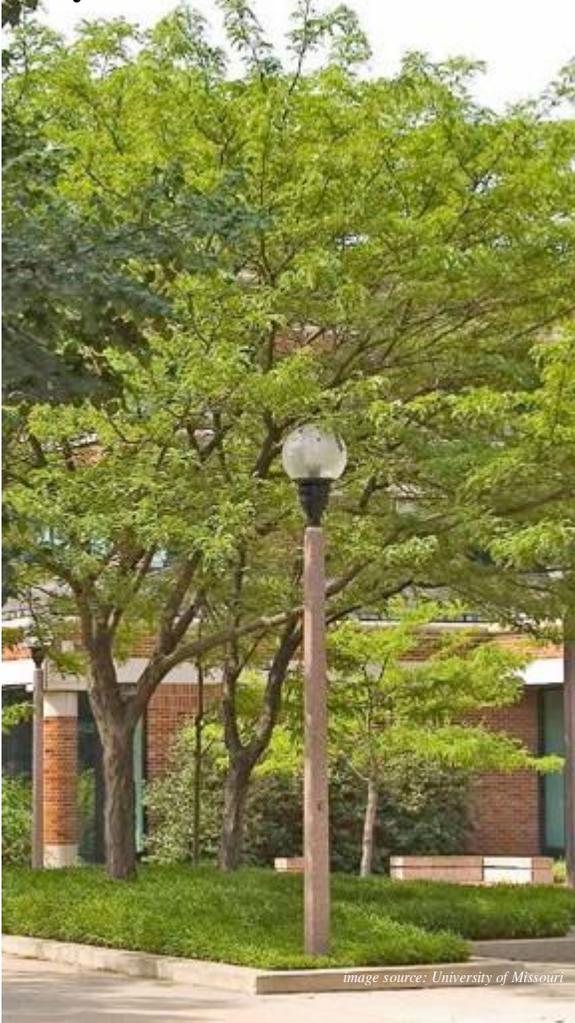
Capsule-like fruit with compressed wings.



image source: Oregon State University Plant database

Thornless varieties most commonly planted.

Honey Locust (*Gleditsia triacanthos inermis*)



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 Morristown? 1 N. Park Place



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.



Thorn-less varieties most commonly planted.

Katsura Tree (*Cercidphyllum japonicum*)



Form:	Pyramidal in youth, wide spreading pyramidal with age.
Mature Height:	40'to60'
Mature Spread:	30'to40'
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 Morristown	None at this time



Summer foliage



Heart shaped purplish leaves.



Yellow to apricot fall foliage.

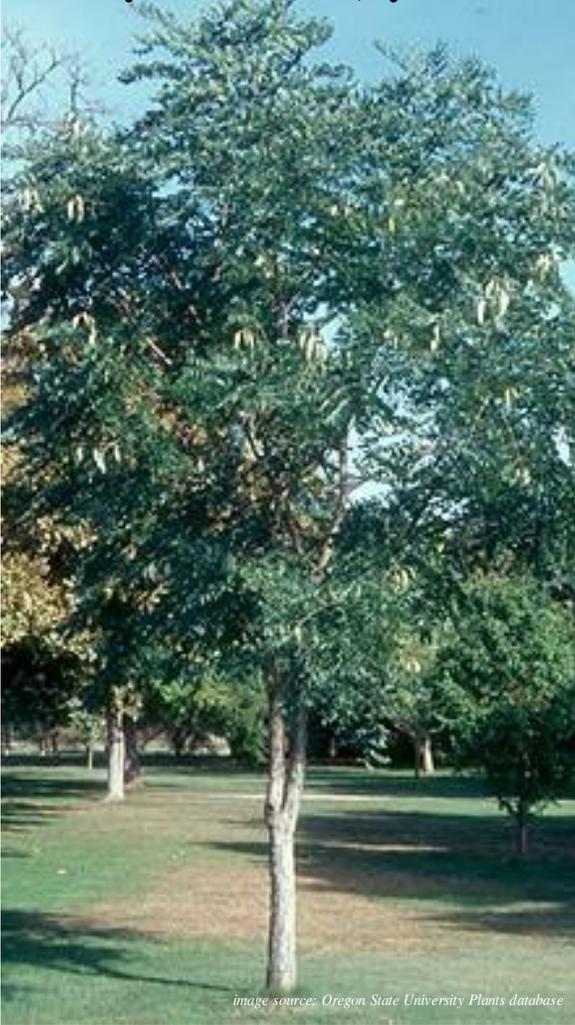


Lightly shaggy bark like Hickory.



Male flowers.

Kentucky Coffee Tree (*Gymnocladus dioicus*)



Form:	Vertical ascending branches form a narrow egg shaped crown.
Mature Height:	60'to75'
Mature Spread:	40'to50'
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 Morristown?	None at this time



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)



Form:	Tall, with numerous low hung branches becomes ovate or oblong in shape.
Mature Height:	60'to80'
Mature Spread:	30'to40'
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 Morristown?	Foote's Pond Wood



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



Yellow or Yellow-brown fall folia

Little Leaf Linden (*Tilia cordata*)



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 Morristown? 34 Abbett Avenue



Yellow fall foliage



Small dark green leaf with serrated edges

Silver Linden (*Tilia tomentosa*)



Form:	Pyramidal in youth, upright oval with age
Mature Height:	50'to70'
Mature Spread:	25'to40'
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 Morristown?	None at this time



Lustrous dark green top with silvery tomentose beneath leaves.



Yellow or yellow-green fall foliage.

Crimean Linden (*Tilia x euchlora*)



Form:	Pyramidal in youth, Upright oval with age
Mature Height:	40'to60'
Mature Spread:	20 to30'
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 Morristown?	None at this time



Yellow or Yellow-green fall foliage.



Bright green cordate leaf shape.

London Plane Tree (*Platanus x acerfolia*)



image source: BQEKeeper

Form:	Pyramidal when young, large, open, wide spreading branches in maturity.
Mature Height:	70'to100'
Mature Spread:	65'to80'
Use:	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 Morristown?	31 Budd Street



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*)



Form:	Pyramidal when young, irregular, ovoid or rounded crown when mature.
Mature Height:	40'to60'
Mature Spread:	40'to60'
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.
Where can I find this tree in Morristown?	Top of Franklin by Elm Street parking lot



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*)



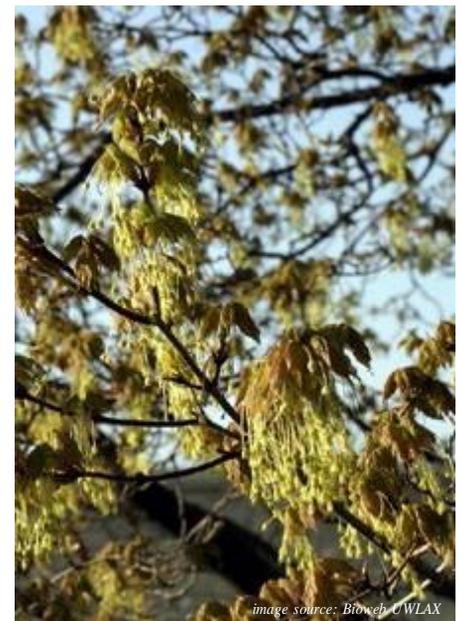
Form:	Upright-oval to rounded, usually dense with foliage.
Mature Height:	60 to 75'
Mature Spread:	45 to 60'
Use:	Large shade tree suitable for street tree planting.
Notable Characteristics:	Fast grower, brilliant yellow to burnt orange fall foliage
Limitations:	Due to over planting of Maple species, Sugar Maples should be planted sparingly.

Where can I find this tree in Morristown?

23 Budd Street



Brilliant yellow, burnt orange fall foliage.



Sugar maples begin to leaf out early in spring.

Oak, Pin (*Quercus palustris*)



image source: Casey Trees

Form:	Pyramidal with central leader; lower branches droop and upper are upright.
Mature Height:	60'to70'
Mature Spread:	25'to40'
Use:	Excellent tree for wide avenues and streets.
Notable Characteristics:	Faster growing Oak, deeply lobed glossy green leaf, russet, bronze or red fall foliage Prefers full sun. Needs adequate room to develop or it will heave & damage sidewalks.
Limitations:	
Where can I find this tree in Morristown?	28 Colonial Street



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*)



Form:	Rounded in youth; in old age often round topped and symmetrical.
Mature Height:	60'to75'
Mature Spread:	60'to75'
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 fall foliage
Limitations:	Requires full sun. Susceptible to diseases like anthracnose, leaf spots, gall and scales, etc;
Where can I find this tree in Morristown?	9 ½ Walker Avenue



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



Brilliant russet red fall foliage.

Oak, Shingle (*Quercus imbricaria*)



Form:	Pyramidal in youth, upright rounded with age.
Mature Height:	50'to60'
Mature Spread:	50'to60'
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 Morristown?	None at this time



Glossy dark green lanceolate leaves



Russet-brown winter persistent leaves.



Half inch acorns, usually taking two years to mature.

Oak, White (*Quercus alba*)



Form: Pyramidal in youth, upright rounded with age.

Mature Height: 50'to80'

Mature Spread: 50'to80'

Use: Good 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 Morristown?

Burnham Park



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)



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 Morristown?	None at this time



Yellow to bronze orange fall foliage.



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

Pagoda Tree (*Styphnolobium japonicum*)



Form:	Rounded shape. Branching is upright and spreading, eventually arching over.
Mature Height:	50'to75'
Mature Spread:	50'to75'
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 Morristown?	None at this time



Mature specimen Pagoda tree.



Pagoda Tree in Full Bloom.



Pagoda Fruit.

Sweetgum (*Liquidambar styraciflua*)



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 recommended.

Where can I find this tree in Morristown?
40 Colonial Road



Brilliant fall foliage.



Mace-like fruit.



Round-lobed leaves of 'Rotundiloba'



Sweetgum holds its leaves late into the fall.

Japanese Zelkova (*Zelkova serrata*)

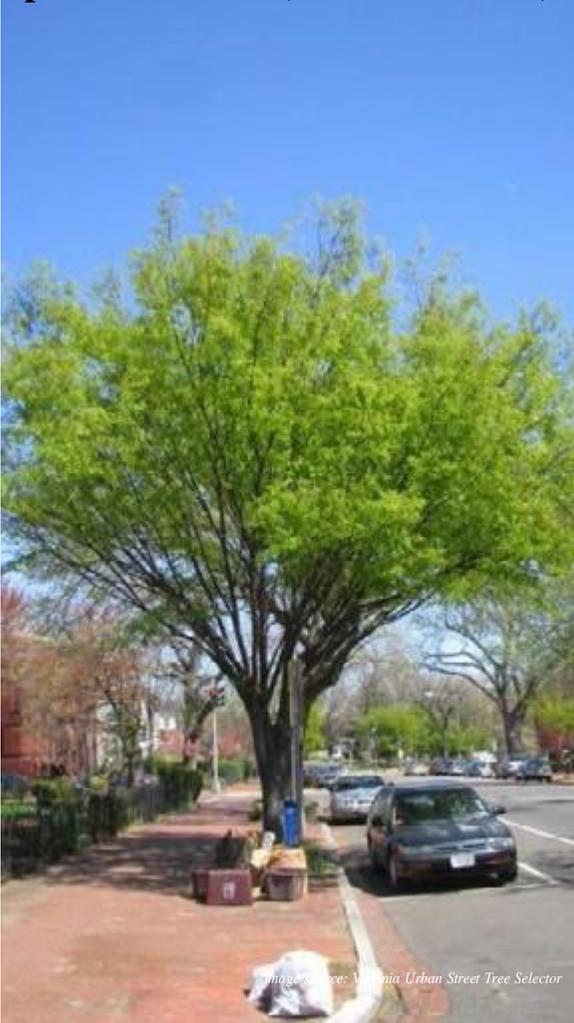


image source: Virginia Urban Street Tree Selector

Form:	Vase-shaped in youth, maturing with same form but with ascending branches.
Mature Height:	50'to80'
Mature Spread:	40'to70'
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: Where	Susceptible to some pests common to Elms but resistant to Dutch Elm disease. <i>This is now considered an invasive species & not recommended for planting.</i>
Where can I find this tree in Morristown?	5 Wetmore Avenue



image source: Best in Travel Magazine

Vase-like form with ascending branches.



image source: Phyto Images

Yellow or Yellow-brown fall foliage.

II. UNDERSTORY SMALL AND MEDIUM TREES FOR AREAS LARGER THAN 2' X 6'



American Yellowwood (*Cladrastis kentkea*)



image source: Susan's In The Garden

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 Morristown?

Pocahontas Park



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.

Amur Maackia (*Maackia amurensis*)



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 Morristown?
25 Colles 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.

Cherry (*Prunus* spp)



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.

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 Morristown? 35 Abbett 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

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. Crabapples effective as single specimen or in groupings.
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 Morristown?	None at this time



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.

Dogwood (*Cornus spp*)



image source: Great Hill Horticultural Foundation, Cornus kousa

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.

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 Morristown? Tracy Park



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)



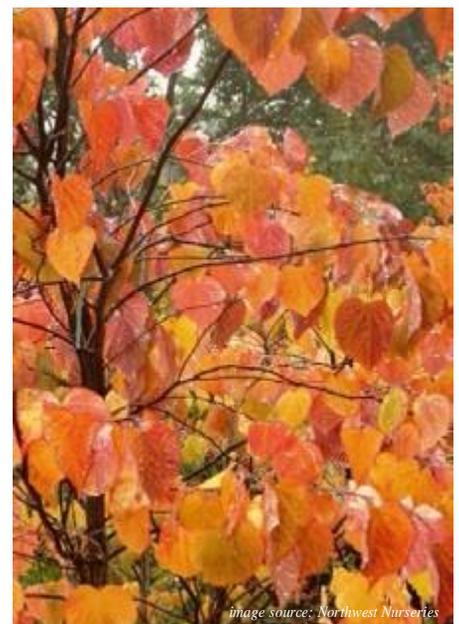
Form:	Small tree with trunk divided close to ground, spreading. Flat top to rounded.
Mature Height:	20' to 30'
Mature Spread:	25' to 35'
Use:	Effective single specimen or in groupings as an understory tree.
Notable Characteristics:	Medium grower, rosy-pink flowers before leaves, large pear shaped lustrous 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 Morristown?	Entrance of Townhall parking lot



Rosy pink flowers open in March/April.



Seed pods persist, create winter interest.



Fall foliage.

Golden Raintree (*Koelreuteria paniculata*)



image source: Wikimedia Commons

Form:	Densely branched tree with rounded outline.
Mature Height:	30' to 40'
Mature Spread:	30' to 40'
Use:	One of the 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 Michael Dirr. <i>This is now considered an invasive species & not recommended for planting.</i>
Where can I find this tree in Morristown?	None at this time



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: Wikimedia Commons

Summer yellow flowers.



image source: Image Juicy

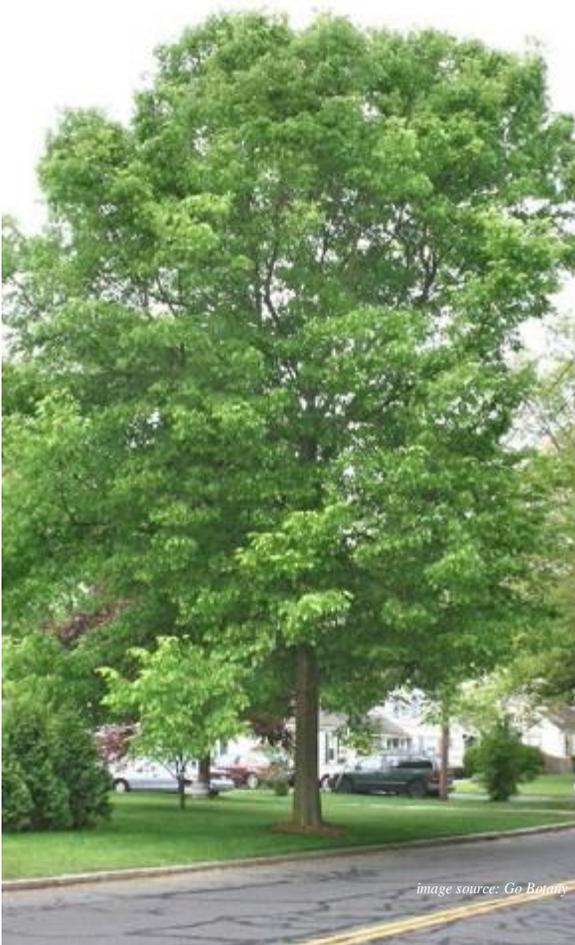
Dense rounded outline with yellow flowers.



image source: Go Botany

Pin Oak flowers.

Hackberry (*Celtis occidentalis*)



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 Morristown?	None at this time



Ridges and valleys corky-like bark.



Dull light yellow to green leathery leaves.

Hawthorne (*Crataegus* spp)



image source: SummerChase Gardens

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. 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:	Thorn-less varieties including Thornless Cockspur and Crimson Cloud Hawthorns should be used.
Where can I find this tree in Morristown?	6 Altamont Court



image source: Colorado Tree Commission

Thornless Cockspur variety



image source: Pflanzen Von Falkenhayn

Fall foliage of *C. x lavallei*.



image source: National Education Netw

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



image source: Wikimedia Commons

Many thorn-less 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*)



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 Morristown? None at this time



Fruit resembles hops.



Flowers (catkins) often persist in winter.



Grayish brown, narrow strips free at ends.

Japanese Snowball (Styrax japonicas)



image source: Danger Garden

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. 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. Needs to be pruned when planted close to street or walks.

Where can I find this tree in Morristown? None at this time



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')



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.

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 Morristown?

None at this time



3-lobed, rich dark green leaves.



Fruit display.



Rounded, low branching form.

Maple, Hedge (*Acer campestre*)



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.

Where can I find this tree in Morristown?

None at this time



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



Often trained as a hedge in Europe.



Yellow fall foliage.

Purpleleaf Plum (*Prunus cerasifera*)



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. Fast grower, purple leaves, five petals, white very fragrant flowers late March
Notable Characteristics:	Weak wooded and susceptible to splitting at crotch.
Limitations:	
Where can I find this tree in Morristown?	10 Elm Street



Tree in full bloom.



Reddish, edible fruit emerges June to August.



Extremely fragrant flowers open early to mid-March.

Callery Pear (*Pyrus calleryana*)



Form:	Pyramidal in youth, broadening over time
Mature Height:	30' to 50'
Mature Spread:	20' to 25'
Use:	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. <i>This is now considered an invasive species & not recommended for planting.</i>
Where can I find this tree in Morristown?	74 South Street



Very attractive white flower slightly malodorous.



Purplish-red fall foliage.

Sources

Dirr, Michael A. 1997. *Dirr's Hardy Trees and Shrubs: An Illustrated Encyclopedia*. Portland, Oregon: Timber Press, Inc.

Dirr, Michael A.. Ed. 2009. *Manual of Woody Landscape Plants: Their Identification, Ornamental Characteristics, Culture, Propagation and Uses*. Champaign, Illinois: Stipes Publishing L.L.C.

Dirr, Michael A.. Ed. 1977. *Manual of Woody Landscape Plants: Their Identification, Ornamental Characteristics, Culture, Propagation and Uses*. Champaign, Illinois: Stipes Publishing L.L.C.

New Jersey Shade Tree Federation. Ed. 2007. *Trees for New Jersey Streets*.