MEDIUM SHADE TREES

**RED MAPLE | Acer rubrum**
- Height: 40’-60’
- Width: 40’-60’
- Exposure: Full Sun to Part Shade
- Soil: Wet to Well-Drained
- Form: Round
- Notes: Roots may grow closer to soil surface. Tree should not be planted close to pavement/foundations.

**RIVER BIRCH | Betula nigra**
- Height: 35’-50’
- Width: 30’-40’
- Exposure: Full Sun to Part Shade
- Soil: Wet to Part Shade
- Form: Pyramidal
- Notes: Attractive exfoliating bark, drought tolerant.

**BLACKGUM | Nyssa Sylvestris**
- Height: 30’-50’
- Width: 20’-30’
- Exposure: Full Sun to Part Shade
- Soil: Moist to Well-Drained
- Form: Oval, upright
- Notes: Drought and salt tolerant. Small fruits attract birds in fall.

**YELLOWWOOD | Cladrastis kentukea**
- Height: 30’-50’
- Width: 40’-60’
- Exposure: Full Sun to Part Shade
- Soil: Wet to Well-Drained
- Form: Round
- Notes: Smooth bark. White bloom in May/June

**HONEY LOCUST | Gleditsia triacanthos**
- Height: 40’-60’
- Width: 30’-40’
- Exposure: Full Sun to Part Shade
- Soil: Wet to Well-Drained
- Form: Oval
- Notes: Drought/Salt tolerant. Dappled shade.

**BASSWOOD | Tilia americana**
- Height: 35’-50’
- Width: 15’-30’
- Exposure: Full Sun to Part Shade
- Soil: Moist to Well Drained
- Form: Pyramidal, upright
- Notes: Attractive red berries into winter. Attracts birds in winter months.

**AMERICAN HOLLY | Ilex opaca**
- Height: 30’-50’
- Width: 20’-40’
- Exposure: Full-Sun to Part-Shade
- Soil: Moist to Well-Drained
- Form: Pyramidal
- Notes: Attracts birds in winter. Large white flowers in early summer.

**SOUTHERN MAGNOLIA | Magnolia grandiflora**
- Height: 30’-50’
- Width: 20’-40’
- Exposure: Full-Sun to Part-Shade
- Soil: Moist to Well-Drained
- Form: Pyramidal
- Notes: Attracts birds in winter. Large white flowers in early summer.

**PAWPAW | Asimina triloba**
- Height: 20-25’
- Width: 15-25’
- Exposure: Full Sun to Part Shade
- Soil: Wet to Well Drained
- Form: Oval
- Notes: Fruit producing native tree with lustrous dark-green leaves.

RESIDENTIAL TREE SELECTION GUIDE

Nate Kelly | Arborist | 202.349.1890 | nkelly@caseytrees.org
Cecilia McCrary | Arborist | cmccrary@caseytrees.org

Homeowners are encouraged to consider the long term benefits of well-placed, long-lived, large canopy trees. These benefits include increased storm water capture, cooler urban temperatures, lower cooling bills, increased native wildlife habitat, and improved quality of life. Planting for tree canopy is an investment in the health of our city in the future.

Height and width information reflects the expected mature size considering the cultivated varieties ("cultivars") of each tree that we commonly plant. It can take 40 to 100 years for a tree to achieve mature size and that size will vary depending on site conditions (soil quality, available moisture, available light, etc.).

For more information visit caseytrees.org/planting
LARGE SHADE TREES

AMERICAN BEECH | Fagus grandifolia
Height: 15'-25'
Width: 15'-20'
Exposure: Full Sun to Part Shade
Soil: Moist to Well-Drained
Form: Vase
Notes: White flowers in early spring. Edible berries in early summer.

LONDON PLANE | Platanus X acerifolia
Height: 15'-25'
Width: 15'-20'
Exposure: Full Sun to Part Shade
Soil: Moist to Well-Drained
Form: Vase
Notes: White flowers in early spring. Edible berries in early summer.

SWEETBAY MAGNOLIA | Magnolia virginiana
Height: 15'-30'
Width: 15'-30'
Exposure: Full Sun to Part Shade
Soil: Moist to Well-Drained
Form: Pyramidal
Notes: White flowers in spring. Evergreen.

BLACK WILLOW | Salix nigra
Height: 30'-60'
Width: 30'-60'
Exposure: Full Sun to Part Shade
Soil: Can tolerate dry soil
Form: Vase
Notes: Spring flowers provide nectar for bees and pollinators.

SYCAMORE | Platanus occidentalis
Height: 30'-60'
Width: 30'-40'
Exposure: Full sun
Soil: Tolerates a variety, prefers moist
Form: Pyramidal, Rounded
Notes: Resistant to pollution, salty soils and other urban stressors.

WITCHHAZEL | Hamamelis virginiana
Height: 15'-30'
Width: 15'-25'
Exposure: Full Sun to Part Shade
Soil: Can tolerate a variety
Form: Rounded
Notes: A nice shade of yellow or yellowish-orange in the fall.

LONDON PLANE | Platanus X acerifolia
Height: 50'-70'
Width: 50'-70'
Exposure: Full Sun to Full Shade
Soil: Moist to Well-Drained
Form: Round
Notes: Attractive smooth bark. Leaves stay on tree for color into winter. Small edible nutlet produced in fall.

TYPICAL SMALL ORNAMENTAL TREES
Availability Restricted, check with Casey Trees Arborist to see if your yard qualifies for a small ornamental tree.

OAK | Quercus sp.
Height: 40'-100'
Width: 40'-80'
Exposure: Full Sun to Part Shade
Soil: Moist to Well-Drained
Form: Round, Spreading
Notes: Drought Tolerant. After ~20 years of growth, will start producing acorns. Long lived, valuable canopy. High value to native wildlife.

Bald Cypress | Taxodium distichum
Height: 15'-25'
Width: 15'-20'
Exposure: Full Sun to Part Shade
Soil: Moist to Well-Drained
Form: Spreading
Notes: Deciduous conifer. Drought tolerant.

EASTERN REDBUD | Cercis canadensis
Height: 15'-35'
Width: 15'-30'
Exposure: Full Sun to Part Shade
Soil: Moist to Well-Drained
Form: Rounded
Notes: Pink flowers in early spring. Showy red fruits in summer and fall.

FLOWERING DOGWOOD | Cornus florida
Height: 15'-30'
Width: 15'-25'
Exposure: Full Sun to Part Shade
Soil: Moist to Well-Drained
Form: Rounded
Notes: Attractive smooth bark.

SYCAMORE | Platanus occidentalis
Height: 70'-100'
Width: 65'-80'
Exposure: Full-Sun
Soil: Wet to Well-Drained
Form: Oval
Notes: Attractive smooth bark. Leaves stay on tree for color into winter. Small edible nutlet produced in fall.

AMERICAN HORNBEAM | Carpinus caroliniana
Height: 20'-30'
Width: 20-40'
Exposure: Full Sun
Soil: Tolerates a variety, prefers moist
Form: Pyramidal, Rounded
Notes: Resistant to pollution, salty soils and other urban stressors.

LONDON PLANE | Platanus X acerifolia
Height: 40'-60'
Width: 40'-80'
Exposure: Full Sun to Part Shade
Soil: Moist to Well-Drained
Form: Round
Notes: Attractive smooth bark.

AMERICAN BEECH | Fagus grandifolia
Height: 20'-30'
Width: 20'-30'
Exposure: Full Sun to Full Shade
Soil: Moist to Well-Drained
Form: Round
Notes: Attractive smooth bark.

LONDON PLANE | Platanus X acerifolia
Height: 50'-70'
Width: 50'-70'
Exposure: Full Sun to Full Shade
Soil: Moist to Well-Drained
Form: Oval
Notes: Attractive smooth bark. Leaves stay on tree for color into winter. Small edible nutlet produced in fall.

TYPICAL LARGE SHADE TREES

BALD CYPRESS | Taxodium distichum
Height: 30'-60'
Width: 30'-60'
Exposure: Full Sun to Part Shade
Soil: Can tolerate dry soil
Form: Vase
Notes: Spring flowers provide nectar for bees and pollinators.

BLACK WILLOW | Salix nigra
Height: 15'-30'
Width: 15'-20'
Exposure: Full Sun to Part Shade
Soil: Can tolerate dry soil
Form: Pyramid
Notes: White flowers in spring. Edible berries in early summer.

SWEETBAY MAGNOLIA | Magnolia virginiana
Height: 15'-30'
Width: 15'-20'
Exposure: Full Sun to Part Shade
Soil: Wet to Well-Drained
Form: Pyramid
Notes: White flowers in spring. Evergreen.

WITCHHAZEL | Hamamelis virginiana
Height: 15'-30'
Width: 15'-25'
Exposure: Full Sun to Part Shade
Soil: Can tolerate a variety
Form: Rounded
Notes: A nice shade of yellow or yellowish-orange in the fall.

CASEY TREES

WASHINGTON DC

DEPARTMENT OF ENERGY & ENVIRONMENT

Last updated September 2019