RESIDENTIAL TREE SELECTION GUIDE

MEDIUM SHADE TREES

**RED MAPLE | Acer rubrum**
- Height: 40’-60’
- Width: 40’-60’
- Exposure: Full Sun to Part Shade
- Soil: Wet to Well-Drained. Adaptable.
- 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 Well-Drained. Adaptable.
- 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. Adaptable.
- 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: Oval
- Notes: Root growth may cause problems in city environments. Tree should not be planted close to pavement/foundations. Consider alternative species.

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

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

**AMERICAN HOLLY | Ilex opaca**
- Height: 40’-60’
- Width: 40’-60’
- 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.
LARGE SHADE TREES

AMERICAN BEECH | Fagus grandifolia
Height: 50'-70'
Width: 50'-70'
Exposure: Full Sun to Full Shade
Soil: Moist to Well-Drained
Form: Vase
Notes: Attractive smooth bark. Leaves stay on tree for color into winter. Small edible nutlet produced in fall.

LONDON PLANE | Platanus X acerifolia
Height: 70'-100'
Width: 65'-80'
Exposure: Full-Sun
Soil: Wet to Well-Drained
Form: Spreading
Notes: Drought tolerant. Attractive bark.

SERVICEBERRY | Amelanchier sp.
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.

AMERICAN HORNBEAM | Carpinus caroliniana
Height: 20'-30'
Width: 20'-30'
Exposure: Full Sun to Full Shade
Soil: Moist to Well-Drained
Form: Rounded
Notes: Attractive smooth bark.

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: 50'-70'
Width: 20'-30'
Exposure: Full Sun to Part Shade
Soil: Wet to Well-Drained
Form: Pyramidal, upright
Notes: Deciduous conifer. Drought tolerant.

EASTERN REDBUD | Cercis canadensis
Height: 15'-35'
Width: 15'-25'
Exposure: Full Sun to Part Shade
Soil: Moist to Well-Drained
Form: Rounded
Notes: Pink flowers in early spring.

FLOWERING DOGWOOD | Cornus florida
Height: 15'-30'
Width: 15'-25'
Exposure: Full Sun to Part Shade
Soil: Wet to Well-Drained
Form: Pyramidal
Notes: White flowers in spring. Evergreen.

SYCAMORE | Platanus occidentalis
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.

AMERICAN BEECH | Fagus grandifolia
Height: 50'-70'
Width: 50'-70'
Exposure: Full Sun to Full Shade
Soil: Moist to Well-Drained
Form: Vase
Notes: Attractive smooth bark. Leaves stay on tree for color into winter. Small edible nutlet produced in fall.

LONDON PLANE | Platanus X acerifolia
Height: 70'-100'
Width: 65'-80'
Exposure: Full-Sun
Soil: Wet to Well-Drained
Form: Spreading
Notes: Drought tolerant. Attractive bark.

SERVICEBERRY | Amelanchier sp.
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.

AMERICAN HORNBEAM | Carpinus caroliniana
Height: 20'-30'
Width: 20'-30'
Exposure: Full Sun to Full Shade
Soil: Moist to Well-Drained
Form: Rounded
Notes: Attractive smooth bark.

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: 50'-70'
Width: 20'-30'
Exposure: Full Sun to Part Shade
Soil: Wet to Well-Drained
Form: Pyramidal, upright
Notes: Deciduous conifer. Drought tolerant.

EASTERN REDBUD | Cercis canadensis
Height: 15'-35'
Width: 15'-25'
Exposure: Full Sun to Part Shade
Soil: Moist to Well-Drained
Form: Rounded
Notes: Pink flowers in early spring.

FLOWERING DOGWOOD | Cornus florida
Height: 15'-30'
Width: 15'-25'
Exposure: Full Sun to Part Shade
Soil: Wet to Well-Drained
Form: Pyramidal
Notes: White flowers in spring. Evergreen.

SYCAMORE | Platanus occidentalis
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.

Last updated July 2021