American Hazelnut
*Corylus americana*

- medium-large shrub (native)
- **height at maturity:** 15' - 18'
- **spread at maturity:** 10' - 12' feet
- **growth rate:** medium to fast
- **light requirement:** full sun, partial sun/shade
- **soil:** acidic, alkaline, clay, drought, loamy, moist, rich, sandy, well drained
- **seasonal interest:** yields hazelnuts from September to October
- **wildlife value:** the nuts produced by this shrub are a preferred by squirrels, deer, turkey, woodpeckers, pheasants, grouse, quail and jays; male catkins are a food staple of ruffed grouse throughout the winter
American Hophornbeam
*Ostrya virginiana*

small understory tree (native)

**height at maturity:** 25-40 feet

**spread at maturity:** 20-30 feet

**growth rate:** fast

**light requirement:** full sun - part shade

**soil:** average, medium well-drained soil

**characteristics:** rounded crown with birch-like leaves; seed-bearing pods that resemble fruit of hops

**wildlife value:** pollinator friendly, important food source for many native birds
American Hornbeam
*Carpinus caroliniana*

small understory tree (native)

**height at maturity:** 20-30 feet

**spread at maturity:** 20-30 feet

**growth rate:** slow

**light requirement:** full/partial shade

**soil:** moist, rich soil

**characteristics:** smooth blue-grey sinuous bark; low-maintenance; papery winged fruits in late spring; colorful fall leaves

**wildlife value:** pollinator friendly, important food source for many native birds
American Persimmon
*Diospyros virginiana*

- unusual fruit tree (native)
- height at maturity: 35-60 feet
- spread at maturity: 25-35 feet
- growth rate: slow - medium
- light requirement: full/partial sun
- soil: dry-to-medium, well-drained soil
- characteristics: leaves can be used to make teas; fruit ripens after winter frost
- seasonal interest: distinctive thick, dark grey bark in winter
- wildlife value: attracts songbirds and butterflies; special value to honeybees (beneficial insects)
Apple
*Malus domestica* 'Enterprise'

semi-dwarf fruit tree (non-native)

**height at maturity:** 12-16 feet

**spread at maturity:** 12-16 feet

**growth rate:** fast

**light requirement:** full sun

**soil:** widely adaptable

**characteristics:** glossy red fruit, excellent flavor, disease resistant; requires pruning and thinning to ensure crop consistency; blooms in April, fruit ripens in October

**wildlife value:** pollinator friendly
Bur Oak  
*Quercus macrocarpa*

dense shade (native)

**height at maturity:** 70' - 80' feet  
**spread at maturity:** 70'- 90' feet  
**growth rate:** slow

**light requirement:** full sun

**soil:** acidic, alkaline, clay, drought, loamy, sandy, well drained, wet

**seasonal interest:** a coarsely textured crown, wild and wooly acorns, and a massive trunk with rough and deeply furrowed bark combine to make one impressive tree

**wildlife value:** bur oak acorns are the preferred food for wood ducks, wild turkeys, white-tailed deer, rabbits, mice, squirrels and other rodents
Fig
_Ficus carica 'Mission'_

fruit tree (non-native)

**height at maturity:** 20-30 feet

**spread at maturity:** 10-30 feet

**growth rate:** medium

**light requirement:** full/partial sun; full sun best for fruiting

**soil:** moist, well-drained soil

**characteristics:** self-pollinating

**seasonal interest:** fruit in mid-July to late August

**wildlife value:** pollinator friendly
Gordlinia
*Gordlinia grandiflora*

specimen tree or large shrub (native)

**height at maturity:** 20'- 30' feet

**spread at maturity:** 8' - 15' feet

**growth rate:** fast

**light requirement:** full sun, part shade

**soil:** acidic, organically rich, medium moisture, well-drained soils

**seasonal interest:** large flowers bloom from July to September

**wildlife value:** the flowers having a mild, sweet fragrance attracting honeybees and butterflies
Ashe Magnolia  
*Magnolia ashei*

- Small understory tree (native)
- Height at maturity: 15' - 30' feet
- Spread at maturity: 8' - 10' feet
- Growth rate: moderate
- Light requirement: full sun, partial shade
- Soil: even moisture, well drained, rich, acidic soil
- Seasonal interest: fragrant flowers, deciduous foliage, showy fruit, spring/summer bloom
- Wildlife value: sweet fragrance attracts honeybees and butterflies
Saucer Magnolia
*Magnolia x soulangeana*

small tree (native)

**height at maturity:** 20' - 30' feet

**spread at maturity:** 20' - 25' feet

**growth rate:** medium

**light requirement:** full sun, partial shade

**soil:** acidic, clay, drought, loamy, moist, rich, sandy, well drained

**seasonal interest:** blooms in march-april

**wildlife value:** wildlife use larger branches of the saucer magnolia as nesting sites; seeds are eaten by a variety of birds, and the sprouts of young trees are browsed
PawPaw
*Asimina triloba* 'Shenandoah'

small deciduous tree (native)

**height at maturity:** 20' - 30' feet

**spread at maturity:** 15' - 20' feet

**growth rate:** slow

**light requirement:** partial/full sun; full sun is best for fruiting

**soil:** acidic, good drainage, moist

**seasonal interest:** produces sweet fruit summer through fall

**wildlife value:** attracts butterflies, pollinators, small mammals, songbirds, wild turkeys, squirrels, raccoons, possums, black bear, foxes. Wildlife eagerly seek out the fruits and often beat humans to the harvest
Swamp White Oak
*Quercus bicolor*

large shade tree (native)

**height at maturity:** 50-60 feet

**spread at maturity:** 50-60 feet

**growth rate:** slow-medium

**light requirement:** full sun

**soil:** moist, acidic soil; good for wet areas

**seasonal interest:** glossy green leaves that turn yellow-brown to red in fall; flaky, greyish-brown bark

**wildlife value:** attracts songbirds and butterflies; oaks support more native species of beneficial insects than any other tree
White Oak
*Quercus alba*

- large shade tree (native)
- **height at maturity:** 60-75 feet
- **spread at maturity:** 60-75 feet
- **growth rate:** slow-medium
- **light requirement:** full sun
- **soil:** adaptive, not drought tolerant
- **seasonal interest:** green, deep lobed leaves that turn red in fall, acorns in the fall
- **wildlife value:** attracts songbirds and butterflies; oaks support more native species of beneficial insects than any other tree

**CREATING CANOPY TREE GIVEAWAY**
**SPREADING ROOTS FOR A GREENER REGION**