Shade Tree Selection List: Small Trees

- **Eastern redbud** | *Cercis canadensis*
  - **Height**: 15 to 35 ft
  - **Width**: 15 to 25 ft
  - **Sun**: partial shade to full sun
  - **Soil**: well-drained to moist
  - **Description**: a tree noted for its pink springtime flowers that attracts butterflies and other pollinators.

- **flowering dogwood** | *Cornus florida*
  - **Height**: 20 to 30 ft
  - **Width**: 20 to 30 ft
  - **Sun**: partial shade to full sun
  - **Soil**: well-drained to moist
  - **Description**: a tree noted for its large springtime flowers that attracts butterflies and birds.

- **hawthorn** | *Crataegus viridis ‘Winter King’*
  - **Height**: 20 to 35 ft
  - **Width**: 20 to 35 ft
  - **Sun**: full sun
  - **Soil**: dry to medium wet
  - **Description**: a tree noted for its flowers in spring, red-purple leaves in fall, and red berries in winter. The Winter King variety typically has fewer thorns.

- **American hornbeam** | *Carpinus caroliniana*
  - **Height**: 20 to 30 ft
  - **Width**: 20 to 30 ft
  - **Sun**: full shade to full sun
  - **Soil**: well-drained to moist
  - **Description**: a slow-growing tree with springtime flowers and unique, muscle-like bark.

**Website**  montgomeryplanning.org/reforest  **Email**  reforest@montgomeryplanning.org
Shade Tree Selection List: Medium Trees

river birch | Betula nigra
- Height: 35 to 50 ft
- Width: 30 to 40 ft
- Sun: partial shade to full sun
- Soil: well-drained to wet
- Description: a fast-growing tree with flaking bark that attracts birds.

black gum | Nyssa sylvatica
- Height: 30 to 50 ft
- Width: 20 to 30 ft
- Sun: partial shade to full sun
- Soil: well-drained to moist
- Description: a slow-growing tree with scarlet leaves in fall and berries that attract birds.

American holly | Ilex opaca
- Height: 35 to 50 ft
- Width: 15 to 30 ft
- Sun: partial shade to full sun
- Soil: well-drained to moist
- Description: a slow-growing evergreen tree with spiny leaves and red berries that attract birds.

Website montgomeryplanning.org/reforest
Email reforest@montgomeryplanning.org
Shade Tree Selection List: Large Trees

- ***bald cypress*** | *Taxodium distichum*
  - **Height:** 50 to 70 ft
  - **Width:** 20 to 35 ft
  - **Sun:** full sun
  - **Soil:** medium to very wet
  - **Description:** a long-lived, deciduous conifer that thrives in wet soil but is drought tolerant.

- ***American elm*** | *Ulmus americana*
  - **Height:** 60 to 80 ft
  - **Width:** 40 to 70 ft
  - **Sun:** medium to full sun
  - **Soil:** medium to very wet
  - **Description:** a large, fast-growing tree. Reforest Montgomery plants the Princeton, Accolade, Triumph, and Patriot varieties.

- ***Southern magnolia*** | *Magnolia grandiflora*
  - **Height:** 30 to 50 ft
  - **Width:** 20 to 40 ft
  - **Sun:** partial shade to full sun
  - **Soil:** well-drained to moist
  - **Description:** a broadleaf evergreen tree with large blooms in the late spring.

- ***willow oak*** | *Quercus phellos*
  - **Height:** 40 to 75 ft
  - **Width:** 30 to 50 ft
  - **Sun:** full sun
  - **Soil:** medium to wet
  - **Description:** a fast-growing tree with leaves similar in shape to those of a willow. **Acorns:** drops acorns annually starting around 15 years old.

- ***pin oak*** | *Quercus palustris*
  - **Height:** 60 to 70 ft
  - **Width:** 25 to 40 ft
  - **Sun:** full sun
  - **Soil:** well-drained to very wet
  - **Description:** a fast-growing tree that has a narrower form than the willow oak. **Acorns:** ½ inch long, starting around 20 years old.

---

**Website**  montgomeryplanning.org/reforest

**Email**  reforest@montgomeryplanning.org
Shade Tree Selection List: Large Trees

sweetgum | Liquidambar styraciflua
---
**Height:** 60 to 75 ft  
**Width:** 40 to 50 ft  
**Sun:** full sun  
**Soil:** moist (drought sensitive)  
**Description:** a fast-growing tree with a mixture of orange, red, yellow, and purple colors in fall. Spiny “sweetgum balls” grow and fall annually.

London planetree | Platanus x acerifolia
---
**Height:** 70 to 100 ft  
**Width:** 65 to 80 ft  
**Sun:** full sun  
**Soil:** well-drained to wet  
**Description:** a drought-tolerant tree with notable mottled bark that is similar to the American sycamore.

scarlet oak | Quercus coccinea
---
**Height:** 70 to 75 ft  
**Width:** 40 to 50 ft  
**Sun:** full sun  
**Soil:** dry to medium wet  
**Description:** a species of oak notable for its brilliant scarlet color in the fall.  
**Acorns:** drops acorns every 3-5 years, up to 1 inch long

American sycamore | Platanus occidentalis
---
**Height:** 75 to 100 ft  
**Width:** 75 to 100 ft  
**Sun:** full sun  
**Soil:** medium to wet  
**Description:** a large, fast-growing tree with notable mottled bark.

Website: montgomeryplanning.org/reforest  
Email: reforest@montgomeryplanning.org