Shade Tree Selection List: Small Trees

<table>
<thead>
<tr>
<th>Tree Name</th>
<th>Common Name</th>
<th>Scientific Name</th>
<th>Height</th>
<th>Width</th>
<th>Sun</th>
<th>Soil</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastern redbud</td>
<td>Cercis canadensis</td>
<td></td>
<td>15 to 35 ft</td>
<td>15 to 25 ft</td>
<td>partial shade to full sun</td>
<td>well-drained to moist</td>
<td>a tree noted for its pink springtime flowers that attracts butterflies and other pollinators.</td>
</tr>
<tr>
<td>Flowering dogwood</td>
<td>Cornus florida</td>
<td></td>
<td>20 to 30 ft</td>
<td>20 to 30 ft</td>
<td>partial shade to full sun</td>
<td>well-drained to moist</td>
<td>a tree noted for its large springtime flowers that attracts butterflies and birds.</td>
</tr>
<tr>
<td>Kousa dogwood</td>
<td>Cornus kousa</td>
<td></td>
<td>20 to 30 ft</td>
<td>20 to 30 ft</td>
<td>partial shade to full sun</td>
<td>well-drained</td>
<td>tree similar to flowering dogwood, but blooms around 3 weeks later and is more drought resilient.</td>
</tr>
<tr>
<td>Hawthorn</td>
<td>Crataegus viridis ‘Winter King’</td>
<td></td>
<td>20 to 35 ft</td>
<td>20 to 35 ft</td>
<td>full sun</td>
<td>dry to medium wet</td>
<td>a tree noted for its flowers in spring, red-purple leaves in fall, and red berries in winter. The Winter King variety has few thorns.</td>
</tr>
<tr>
<td>American hornbeam</td>
<td>Carpinus caroliniana</td>
<td></td>
<td>20 to 30 ft</td>
<td>20 to 30 ft</td>
<td>full shade to full sun</td>
<td>well-drained to moist</td>
<td>a slow-growing tree with springtime flowers and unique, muscle-like bark.</td>
</tr>
</tbody>
</table>

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.

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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 tree.

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.

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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.

**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.

**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.

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