### Arlington Tree Canopy Fund Program – Species Available Fall 2023

#### Section 1 – Large shade trees that may have width greater than 40 feet.
**Not recommended for planting within 15 feet of overhead wires.**

<table>
<thead>
<tr>
<th>Genus Species</th>
<th>Common Name</th>
<th>Mature Height (Ft)</th>
<th>Mature Width (Ft)</th>
<th>Sunlight Requirements</th>
<th>Species Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Tilia americana</em></td>
<td>American Linden</td>
<td>60-80</td>
<td>30-50</td>
<td>Full sun to part shade</td>
<td>Dark green leaves, pale yellow fragrant flowers in June that are magnets for bees and are followed by small nutlets. Tolerates some drought. Moderate growth rate.</td>
</tr>
<tr>
<td><em>Platanus occidentalis</em></td>
<td>American Sycamore</td>
<td>70-100</td>
<td>70-90</td>
<td>Full sun</td>
<td>Interesting, multicolored bark; moderate wildlife value. An adaptable, tough tree. Medium-fast growth rate.</td>
</tr>
<tr>
<td><em>Betula nigra</em></td>
<td>River Birch</td>
<td>40-70</td>
<td>40-60</td>
<td>Full to part sun</td>
<td>Lovely shedding white and brown bark, multi-stemmed, high wildlife value, fast growth rate. Do not let soil get too dry if planted in a hot, sunny location. Medium-fast growth rate.</td>
</tr>
<tr>
<td><em>Celtis occidentalis</em></td>
<td>Sugarberry</td>
<td>40-60</td>
<td>40-50</td>
<td>Full to part sun</td>
<td>Smooth bark in youth, then develops interesting 'corky' ridges. High wildlife value--berries relished by birds. Tolerates wet, dry, and poor soils. Medium-fast growth rate.</td>
</tr>
<tr>
<td><em>Quercus bicolor</em></td>
<td>Swamp White Oak</td>
<td>60-80</td>
<td>50-75</td>
<td>Full to part sun</td>
<td>Leaves dark, shiny green above and silvery white beneath; good fall color. High wildlife value. Tolerates flooding, drought, and a range of soils. Slow-medium growth rate.</td>
</tr>
</tbody>
</table>

#### Section II – Medium shade trees with less than 40 foot width.
**Not recommended for planting within 10 feet of overhead wires.**

<table>
<thead>
<tr>
<th>Genus Species</th>
<th>Common Name</th>
<th>Mature Height (Ft)</th>
<th>Mature Width (Ft)</th>
<th>Sunlight Requirements</th>
<th>Species Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Ilex opaca</em></td>
<td>American holly</td>
<td>40-50</td>
<td>18-40</td>
<td>Sun to partial shade</td>
<td>Moist well drained soil; avoid extremely dry, windy, and wet sites. Pyramidal growth habit. Slow growing.</td>
</tr>
<tr>
<td><em>Quercus Palustris</em></td>
<td>Pin Oak</td>
<td>60-70</td>
<td>30-40</td>
<td>Full sun</td>
<td>Russet or red leaf color in fall. High wildlife value. Tolerates wet sites; poor, compacted soil; and occasional periods of dry soil. Fast growth rate.</td>
</tr>
</tbody>
</table>
Overview

- All of these species do well in our area, generally accepting of our clay soils. The few that do not do well in clay are mentioned.
- Trees are generally 2-inch caliper, 7-feet high at planting.
- The tree growth rate is given for height: Slow= 12"/year Medium=18"/year Fast = 24"/year

Right Tree, Right Place, Right at Home!

- Plant trees at least 20 feet away from any overhead electric utility lines. This is the horizontal distance from the tree trunk to the wire or utility pole.
- Plant at least 10 feet from a building.
- Plant at least 10 feet from existing small trees and 20 feet from existing large trees.
- Plant trees at least 4 feet from sidewalks, driveways, patios and fences. Planting distances may also be affected by site conditions or the species.
- Plant trees at least 5 feet away from any known underground utility lines (water, gas, electric or sewer lines for example). If approved for a tree, Miss Utility will be called to check the planting location for distance to underground utilities.
- To lower your cooling costs, shade your home by planting canopy trees on the southwestern and western sides.

Contact Information

EcoAction Arlington
3308 S. Stafford Street
Arlington, VA 22206
www.ecoactionarlington.org/trees
703-228-6427
trees@ecoactionarlington.org