## Trees with Short Mature Heights

Connecticut Urban Forest Council (www.cturbanforestcouncil.org)

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Jeffrey Ward² and Sharon Douglas³ (The Connecticut Agricultural Experiment Station)

<table>
<thead>
<tr>
<th>Common name</th>
<th>Scientific name</th>
<th>Origin</th>
<th>HT (ft)</th>
<th>Root suckers</th>
<th>Tall shrubs</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hedge maple</td>
<td><em>Acer campestre</em></td>
<td>Europe</td>
<td>30+</td>
<td>n</td>
<td></td>
<td>Tolerates urban conditions well</td>
</tr>
<tr>
<td>Paperbark maple</td>
<td><em>Acer griseum</em></td>
<td>China</td>
<td>30</td>
<td>n</td>
<td></td>
<td>Beautiful shiny copper-colored bark</td>
</tr>
<tr>
<td>Common serviceberry</td>
<td><em>Amelanchier arborea</em></td>
<td>Native</td>
<td>&lt;30</td>
<td>n</td>
<td></td>
<td>Tree with white flowers in late April; edible fruit in July</td>
</tr>
<tr>
<td>Canadian serviceberry</td>
<td><em>Amelanchier canadensis</em></td>
<td>Native</td>
<td>15</td>
<td>n</td>
<td>Yes</td>
<td>Shrub with white flowers in late April; edible fruit in July</td>
</tr>
<tr>
<td>Allegheny serviceberry</td>
<td><em>Amelanchier laevis</em></td>
<td>Native</td>
<td>&lt;30</td>
<td>n</td>
<td></td>
<td>Tree with white flowers in late April; tasty fruit in July</td>
</tr>
<tr>
<td>American hornbeam</td>
<td><em>Carpinus caroliniana</em></td>
<td>Native</td>
<td>30+</td>
<td>n</td>
<td></td>
<td>Small tree with smooth, gray bark</td>
</tr>
<tr>
<td>Eastern redbud</td>
<td><em>Cercis canadensis</em></td>
<td>Native</td>
<td>25</td>
<td>n</td>
<td></td>
<td>Purple-pink flowers and heart-shaped leaves</td>
</tr>
<tr>
<td>Fringe tree</td>
<td><em>Chionanthus virginicus</em></td>
<td>Native</td>
<td>20</td>
<td>Clumpy</td>
<td>Yes</td>
<td>Large shrub with large clusters of white flowers in June</td>
</tr>
<tr>
<td>Alternate-leaved dogwood</td>
<td><em>Cornus alternifolia</em></td>
<td>Native</td>
<td>20</td>
<td>n</td>
<td>Yes</td>
<td>Large shrub with small clusters of creamy white flowers</td>
</tr>
<tr>
<td>Flowering dogwood</td>
<td><em>Cornus florida</em></td>
<td>Native</td>
<td>30</td>
<td>n</td>
<td></td>
<td>Small tree with showy white flowers in mid-May</td>
</tr>
<tr>
<td>Kousa dogwood</td>
<td><em>Cornus kousa</em></td>
<td>NE Asia</td>
<td>30</td>
<td>n</td>
<td></td>
<td>Small tree with showy white flowers in late May</td>
</tr>
<tr>
<td>Hawthorn</td>
<td><em>Crataegus species</em></td>
<td>Native</td>
<td>25</td>
<td>n</td>
<td></td>
<td>All have some level of susceptibility to rust and a few have some resistance to leaf spot, some have thorns</td>
</tr>
<tr>
<td>‘Hooks’</td>
<td><em>Crataegus crus-galli</em></td>
<td>Native</td>
<td>25</td>
<td>n</td>
<td></td>
<td>White flowers, red fruit, some resistance</td>
</tr>
<tr>
<td>‘Crimson Cloud’</td>
<td><em>Crataegus laevigata</em></td>
<td>Europe</td>
<td>25</td>
<td>n</td>
<td></td>
<td>Lavender/red flowers, red fruit, some leaf spot resistance</td>
</tr>
<tr>
<td>‘Lavalle’</td>
<td><em>Crataegus X lavalleei</em></td>
<td>Mixed</td>
<td>25</td>
<td>n</td>
<td></td>
<td>White flowers, orange/red fruit, some rust resistance</td>
</tr>
<tr>
<td>‘Washington Hawthorn’</td>
<td><em>Crataegus phaenopyrum</em></td>
<td>Native</td>
<td>25</td>
<td>n</td>
<td></td>
<td>White flowers, orange/red fruit</td>
</tr>
<tr>
<td>‘Winter King’</td>
<td><em>Crataegus viridis</em></td>
<td>Native</td>
<td>25</td>
<td>n</td>
<td></td>
<td>White flowers, orange/red fruit</td>
</tr>
<tr>
<td>Carolina silverbell</td>
<td><em>Halesia carolina</em></td>
<td>Native</td>
<td>30+</td>
<td>n</td>
<td></td>
<td>White, bell like flowers in May, smooth bark</td>
</tr>
<tr>
<td>Winterberry</td>
<td><em>Ilex verticillata</em></td>
<td>Native</td>
<td>10</td>
<td>Clumpy</td>
<td>Yes</td>
<td>Shrub with abundant red berries</td>
</tr>
<tr>
<td>Eastern redcedar</td>
<td><em>Juniperus virginiana</em></td>
<td>Native</td>
<td>30+</td>
<td>n</td>
<td></td>
<td>Small evergreen tree</td>
</tr>
<tr>
<td>Amur maackia</td>
<td><em>Maackia amurensis</em></td>
<td>NE Asia</td>
<td>30</td>
<td>n</td>
<td></td>
<td>Short tree with clusters of yellow flowers in July</td>
</tr>
<tr>
<td>Saucer magnolia</td>
<td><em>Magnolia x soulangiana</em></td>
<td>China</td>
<td>30</td>
<td>n</td>
<td></td>
<td>Short tree with large white or pink flowers early spring</td>
</tr>
<tr>
<td>Star magnolia</td>
<td><em>Magnolia stellata</em></td>
<td>Japan</td>
<td>20</td>
<td>n</td>
<td></td>
<td>Upright shrub with large white flowers</td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Origin</td>
<td>HT (ft)</td>
<td>Root suckers</td>
<td>Tall shrubs</td>
<td>Notes</td>
</tr>
<tr>
<td>------------------------</td>
<td>------------------------</td>
<td>---------</td>
<td>---------</td>
<td>--------------</td>
<td>-------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Hophornbeam</td>
<td>Ostrya virginiana</td>
<td>Native</td>
<td>30+</td>
<td>n</td>
<td></td>
<td>Medium size tree with rough bark</td>
</tr>
<tr>
<td>Sourwood</td>
<td>Oxydendrum arboreum</td>
<td>Native</td>
<td>25</td>
<td>n</td>
<td></td>
<td>Small tree with showy white flowers in July</td>
</tr>
<tr>
<td>Cherry plum</td>
<td>Prunus cerasifera</td>
<td>NE Asia</td>
<td>25</td>
<td>n</td>
<td></td>
<td>White flowers in spring; purple leaved forms popular</td>
</tr>
<tr>
<td>Japanese flowering cherry</td>
<td>Prunus serrulata</td>
<td>NE Asia</td>
<td>25</td>
<td>n</td>
<td></td>
<td>Pink early spring flowers; 'Kwanzan' a popular type</td>
</tr>
<tr>
<td>Higan cherry</td>
<td>Prunus subhirtella</td>
<td>Japan</td>
<td>30+</td>
<td>n</td>
<td></td>
<td>Pink spring flowers; weeping forms available</td>
</tr>
<tr>
<td>Bosc (common) pear</td>
<td>Pyrus communis</td>
<td>Europe</td>
<td>30</td>
<td>n</td>
<td></td>
<td>White spring flowers; fruit could be a problem</td>
</tr>
<tr>
<td>Winged sumac</td>
<td>Rhus copallinum</td>
<td>Native</td>
<td>15</td>
<td>Yes</td>
<td>Yes</td>
<td>Suckering shrub with brilliant red fall foliage</td>
</tr>
<tr>
<td>Smooth sumac</td>
<td>Rhus glabra</td>
<td>Native</td>
<td>15</td>
<td>Yes</td>
<td>Yes</td>
<td>Suckering shrub with brilliant red fall foliage</td>
</tr>
<tr>
<td>Pussy willow</td>
<td>Salix discolor</td>
<td>Native</td>
<td>30</td>
<td>n</td>
<td></td>
<td>Appreciated for its small, fuzzy early flowers</td>
</tr>
<tr>
<td>Japanese stewartia</td>
<td>Stewartia pseudocamellia</td>
<td>Japan</td>
<td>30</td>
<td>n</td>
<td></td>
<td>Large showy June flowers and colorful mottled bark</td>
</tr>
<tr>
<td>Japanese snowbell</td>
<td>Styrax japonicus</td>
<td>Japan</td>
<td>25</td>
<td>n</td>
<td></td>
<td>White bell shaped flowers in June</td>
</tr>
<tr>
<td>Japanese tree lilac</td>
<td>Syringa reticulata</td>
<td>Japan</td>
<td>25</td>
<td>n</td>
<td></td>
<td>Creamy flower clusters in June, very adaptable</td>
</tr>
<tr>
<td>English yew</td>
<td>Taxus baccata</td>
<td>Europe</td>
<td>30+</td>
<td>n</td>
<td></td>
<td>Small evergreen tree</td>
</tr>
<tr>
<td>Arborvitae</td>
<td>Thuja occidentalis</td>
<td>Native</td>
<td>30+</td>
<td>n</td>
<td></td>
<td>Small evergreen tree</td>
</tr>
<tr>
<td>Withe-rod</td>
<td>Viburnum nudum var. cassinoides</td>
<td>Native</td>
<td>12</td>
<td>Clumpy</td>
<td>Yes</td>
<td>Flower clusters in June, multi-colored fruit in fall</td>
</tr>
<tr>
<td>Nannyberry</td>
<td>Viburnum lentago</td>
<td>Native</td>
<td>15</td>
<td>n</td>
<td></td>
<td>Creamy white flower clusters in June</td>
</tr>
<tr>
<td>Blackhawk viburnum</td>
<td>Viburnum prunifolium</td>
<td>Native</td>
<td>12</td>
<td>n</td>
<td></td>
<td>Creamy white flower clusters in June</td>
</tr>
</tbody>
</table>

4Common and scientific names from USDA Plants database (http://plants.usda.gov)  
5Native refers to eastern North America  

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Sources for additional information on tree planting, care, and storm clean-up
- Tree owner's manual
- USDA Forest Service Pruning Guide
- CT Forest Council mulching tips
- CAES tree fertilization guide
- CT DEEP - responding to storm damage
- Urban tree risk management - Great resource for identifying and correcting hazards
- CAES pruning guidelines
- Technical guide to urban forestry