<table>
<thead>
<tr>
<th>Planting Zone</th>
<th>Species</th>
<th>Common Name</th>
<th>Height (ft)</th>
<th>Spread (ft)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riparian/Border, Waters Edge 0 to 2 inches from normal pool</td>
<td><em>Chasmanthium latifolium</em></td>
<td>River Oats</td>
<td>2 to 5</td>
<td>1 to 2.5</td>
<td>Self-seeds and may spread aggressively</td>
</tr>
<tr>
<td></td>
<td><em>Eutrochium maculatum</em></td>
<td>Swamp Sunflower</td>
<td>3 to 6</td>
<td>2 to 4</td>
<td>Tall branches splay out in late season</td>
</tr>
<tr>
<td></td>
<td><em>Helianthus angustifolius</em></td>
<td>Swamp Rose Mallow</td>
<td>4 to 5</td>
<td>2 to 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Impatiens capensis</em></td>
<td>Jewelweed</td>
<td>2 to 5</td>
<td>1.5 to 2.5</td>
<td>May form colonies</td>
</tr>
<tr>
<td></td>
<td><em>Lobelia cardinalis</em></td>
<td>Cardinal Flower</td>
<td>2 to 4</td>
<td>1 to 2</td>
<td>Needs soil disturbance for seed germination</td>
</tr>
<tr>
<td></td>
<td><em>Lobelia siphilitica</em></td>
<td>Great Blue Lobelia</td>
<td>2 to 3</td>
<td>1 to 1.5</td>
<td>Needs soil disturbance for seed germination</td>
</tr>
<tr>
<td></td>
<td><em>Muhlenbergia capillaris</em></td>
<td>Purple Muhly</td>
<td>2 to 3</td>
<td>2 to 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Vernonia gigantea</em></td>
<td>Ironweed</td>
<td>5 to 8</td>
<td>3 to 6</td>
<td></td>
</tr>
<tr>
<td>Riparian/Border, Waters Edge 0 to 2 inches from normal pool</td>
<td><em>Carex crinita</em></td>
<td>Fringed Sedge</td>
<td>1 to 3</td>
<td>1 to 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Carex lurida</em></td>
<td>Shallow Sedge</td>
<td>1.5 to 3</td>
<td>1 to 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Elymus virginicus</em></td>
<td>Virginia Wildrye</td>
<td>2 to 4</td>
<td>1 to 2</td>
<td>Vigorous self-seeder</td>
</tr>
<tr>
<td></td>
<td><em>Iris versicolor</em></td>
<td>Blue Flag Iris</td>
<td>2 to 2.5</td>
<td>2 to 2.5</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Iris virginica</em></td>
<td>Southern Blue Flag Iris</td>
<td>1 to 3</td>
<td>1 to 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Juncus effusus</em></td>
<td>Soft Rush</td>
<td>2 to 4</td>
<td>2 to 4</td>
<td>Spreading clumper, evergreen in warm climates, may become invasive</td>
</tr>
<tr>
<td></td>
<td><em>Scirpus cyperinus</em></td>
<td>Wool Grass</td>
<td>3 to 5</td>
<td>2 to 4</td>
<td></td>
</tr>
<tr>
<td>Shallow water (2-4&quot;)</td>
<td><em>Acorus americanus</em></td>
<td>Sweet Flag</td>
<td>2 to 2.5</td>
<td>1.5 to 2</td>
<td>Creeping rhizomes can form large colonies</td>
</tr>
<tr>
<td></td>
<td><em>Leersia oryzoides</em></td>
<td>Rice Cutgrass</td>
<td>2 to 3.5</td>
<td>2 to 3</td>
<td>Aggressive spreader</td>
</tr>
<tr>
<td></td>
<td><em>Peltandra virginica</em></td>
<td>Arrow Amur</td>
<td>1.5 to 2</td>
<td>1.5 to 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Pontederia cordata</em></td>
<td>Pickerel Weed</td>
<td>2 to 4</td>
<td>1.5 to 2.5</td>
<td>Vigorous spreaders</td>
</tr>
<tr>
<td></td>
<td><em>Sagittaria latifolia</em></td>
<td>Arrowhead</td>
<td>1 to 4</td>
<td>1 to 3</td>
<td>Spreads with rhizomes and self-seeds</td>
</tr>
<tr>
<td></td>
<td><em>Saururus cernuus</em></td>
<td>Lizard Tail</td>
<td>1 to 2</td>
<td>1 to 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><em>Schoenoplectus tabernaemontani</em></td>
<td>Softstem Bulrush</td>
<td>3 to 5</td>
<td>3 to 6</td>
<td>Creeping rhizomes can spread aggressively</td>
</tr>
<tr>
<td>Woody Plants</td>
<td><em>Acer rubrum</em></td>
<td>Red maple</td>
<td>50 to 75</td>
<td>3 to 15</td>
<td>Waters Edge</td>
</tr>
<tr>
<td></td>
<td><em>Betula nigra</em></td>
<td>River Birch</td>
<td>40 to 70</td>
<td>6 to 10</td>
<td>Waters Edge</td>
</tr>
<tr>
<td></td>
<td><em>Platanus occidentalis</em></td>
<td>Sycamore</td>
<td>75 to 100</td>
<td>8 to 12</td>
<td>Waters Edge</td>
</tr>
<tr>
<td></td>
<td><em>Quercus shumardii</em></td>
<td>Shumard Oak</td>
<td>50 to 80</td>
<td>8 to 15</td>
<td>Waters Edge</td>
</tr>
<tr>
<td>Shrub</td>
<td><em>Amorpha fruticosa</em></td>
<td>Indigo bush</td>
<td>4 to 12</td>
<td>6 to 15</td>
<td>Tolerates seasonally wet soils</td>
</tr>
<tr>
<td></td>
<td><em>Cephalanthus occidentalis</em></td>
<td>Buttonbush</td>
<td>5 to 12</td>
<td>4 to 8</td>
<td>Will grow in standing water</td>
</tr>
<tr>
<td></td>
<td><em>Cornus amomum</em></td>
<td>Silky dogwood</td>
<td>6 to 12</td>
<td>6 to 12</td>
<td>Tolerates seasonally wet soils</td>
</tr>
<tr>
<td></td>
<td><em>Cornus sericea</em></td>
<td>Red osier dogwood</td>
<td>6 to 9</td>
<td>6 to 9</td>
<td>Tolerates seasonally wet soils</td>
</tr>
<tr>
<td></td>
<td><em>Hamamelis virginiana</em></td>
<td>American Witch Hazel</td>
<td>15 to 20</td>
<td>15 to 20</td>
<td>Tolerates seasonally wet soils</td>
</tr>
<tr>
<td></td>
<td><em>Hydrangea arborescens</em></td>
<td>Wild Hydrangea</td>
<td>3 to 5</td>
<td>3 to 5</td>
<td>Tolerates seasonally wet soils</td>
</tr>
<tr>
<td></td>
<td><em>ilex verticillata</em></td>
<td>Winterberry</td>
<td>3 to 12</td>
<td>3 to 12</td>
<td>Tolerates seasonally wet soils</td>
</tr>
<tr>
<td></td>
<td><em>Ilex glabra</em></td>
<td>Inkberry</td>
<td>5 to 8</td>
<td>5 to 8</td>
<td>Tolerates seasonally wet soils</td>
</tr>
<tr>
<td></td>
<td><em>Lindera benzoin</em></td>
<td>Spicebush</td>
<td>6 to 12</td>
<td>6 to 12</td>
<td>Tolerates seasonally wet soils</td>
</tr>
<tr>
<td></td>
<td><em>Sambucus nigra</em></td>
<td>Elderberry</td>
<td>8 to 20</td>
<td>8 to 20</td>
<td>Tolerates seasonally wet soils</td>
</tr>
</tbody>
</table>
UT Gardens
Created
Wetlands
Plant
Highlights

Andrea Ludwig
Associate Professor & Extension Specialist

Neyland Ave
Park Here
UT Gardens, Knoxville
Created Wetlands
Runoff from Parking Lot
Tennessee River
Third Creek
Pool 1
Pool 2
Pool 3
Google Earth
Shrub Layer

Water Edge

(+/- 2 inches from normal water line)

Emergent Layer

(2-8 inches deep)

Canopy Layer

Open Water

Image Source: Clemson Cooperative Extension, Home & Garden Information Center
Pickerelweed

- *Pontederia cordata*
- 2-4 ft tall, 2-4 ft spread
- Water Edge
- Full sun
- June to October
- **Broadleaf Arrowhead**
  - *Sagittaria lancifolia*
  - 1-4 ft tall, 1-3 ft spread
  - Emergent Zone
  - Full sun to part shade
  - May to June bloom

- **Soft Rush**
  - *Juncus effusus*
  - 2-4 ft tall, 2-4 ft spread
  - Wet zone
  - Full sun
  - June to Aug seedheads
Blueflag Iris

- *Iris versicolor*
- *Iris virginica*
- *Iris fulva*
- 2-2.5 ft tall, 2-2.5 ft spread
- Wet to moderate zone
- Full sun to part shade
- May to June bloom
Swamp Milkweeds

- *Asclepias Incarnata*
- 2-5 ft tall, 2-3 ft spread
- Wet to dry zone options
- Full sun
- Orange, pink, mauve
- July to Aug

Sweet Flag

- *Acorus Americanus*
- 2-2.5 ft tall, 2-2.5 ft spread
- Water Edge
- Full sun to part shade
- April to June bloom
Lizards Tail

- *Saururus cernuus*
- 1.5-2 ft tall, 1-2 ft spread
- Water Edge
- Full sun to part shade
- May to June bloom
**Fringe Sedge**
- *Carex crinita*
- 1-3 ft tall, 1-2 ft spread
- Water Edge

**Joe Pye Weed**
- *Eupatorium*
- 2-7 ft tall, 1-3 ft spread
- Water Edge
- Full sun to part shade
- July to Sept
Swamp mallow

- *Hibiscus moscheutos*
- 3-7 ft tall, 2-4 ft spread
- Edge Layer
- Full sun to part shade
- July to September blooms
Elderberry

- *Sambucus canadensis*
- 5-12 ft tall, 5-12 ft spread
- Wetland shrub layer
- Full sun to part shade
- June to July blooms

Button Bush

- *Cephalanthus occidentalis*
- 5-12 ft tall, 4-8 ft spread
- Wetland shrub layer
- Full sun to part shade
- June blooms
Indigo Bush

- *Amorpha fruticosa*
- 4-12 ft tall, 6-15 ft spread
- Wetland shrub layer
- Full sun to part shade
- April to June
Ninebark

- *Physocarpus opulifolius*
- 5-10 ft tall, 4-6 ft spread
- Slopes, dry zone
- Full sun to part shade
- May to June
Plant Materials
Biological Control
Predation

Andrea Ludwig
aludwig@utk.edu

All plant information obtained from Missouri Botanical Garden Plant Finder
All Photos taken by A. Ludwig

tiny.utk.edu/utwetlands