Aquascaping
Water Gardening
Gardening with Aquatic and Wetland Plants

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Why Aquascape

• Wildlife habitat
  – http://edis.ifas.ufl.edu/FA007
• Stormwater permit requirement
  – Littoral shelves
  – Nutrient removal
• Aesthetics
• For fun!
Aquascaping: What you need

• Water
• Container
• Plants
• Pots
• Rooting media
  – Potting soil
    • No perlite
  – Osmocote
  – Sand
<table>
<thead>
<tr>
<th>Planting zone</th>
<th>Water Depth (cm)</th>
<th>Example Plants</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Transition zone</td>
<td>+45 to +15</td>
<td>Salt Grass, Sand Cordgrass</td>
</tr>
<tr>
<td>B. Shallow zone</td>
<td>+15 to -15</td>
<td>Sand Cordgrass, Blue Flag Iris, Soft Rush, Maidencane</td>
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<tr>
<td>C. Mid zone</td>
<td>-15 to -90</td>
<td>Arrowhead, Maidencane, Pickerel weed, Soft-stem Bulrush</td>
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<tr>
<td>D. Deep zone</td>
<td>-90 to -150</td>
<td>Soft-stem Bulrush, Spatterdock, Water Lilly</td>
</tr>
</tbody>
</table>
Mexican waterlily
*Nymphaea mexicana*

Tropical royalblue waterlily
*Nymphaea elegans*

Fragrant waterlily
*Nymphaea odorata*

Native Florida Waterlilies
Hybrid waterlilies
Slocum Water Gardens
American lotus
*Nelumbo lutea*
Blue flag iris
*Iris haxagana*
Arrowhead, duck potato, etc.

Sagittaria lanceolata

Sagittaria latifolia

Sagittaria filaformis
- Petals 3, white
- Flowers in whorls of 3
- Unisexual
- Globose fruiting heads
- Often heterophyllous
Pickerelweed
*Pontederia cordata*
Bandana-of-the-Everglades
Canna flaccida
Golden club
Orontium aquaticum
Bulrush
*Scirpus* spp.
Virginia saltmarsh mallow
*Kosteletzkya virginica*
Scarlet hibiscus

Hibiscus coccineus
Fire flag, alligator flag
*Thalia geniculata*
Waterhyacinth

*Eichhornia crassipes*
Frog’s-bit
*Limnobium spongia*
Where to Obtain Aquatic Plants

• Nurseries
  ✓ Association of Florida Native Nurseries
    http://www.afnn.org
• Native plant sales
• Wild collection
  ✓ Private property
    ➢ Land owners permission
  ✓ Public land
    ➢ Permit required
• Whole plants
• Seeds
Problems:
✓ Unwanted "wildlife"
Problems:
✓ Nutrients
✓ Algae
Problems: Weeds
Additional Information

• IFAS Extension Book Store
  ✓ Aquatic plant identification card decks
  ✓ Aquatic plant identification recognition guides
  ✓ Aquatic plant identification CD series

• Internet
  ✓ http://plants.ifas.ufl.edu
  ✓ Search
    ➢ Aquascaping
    ➢ Water gardening
    ➢ Pond construction

• Books!!
Fine'