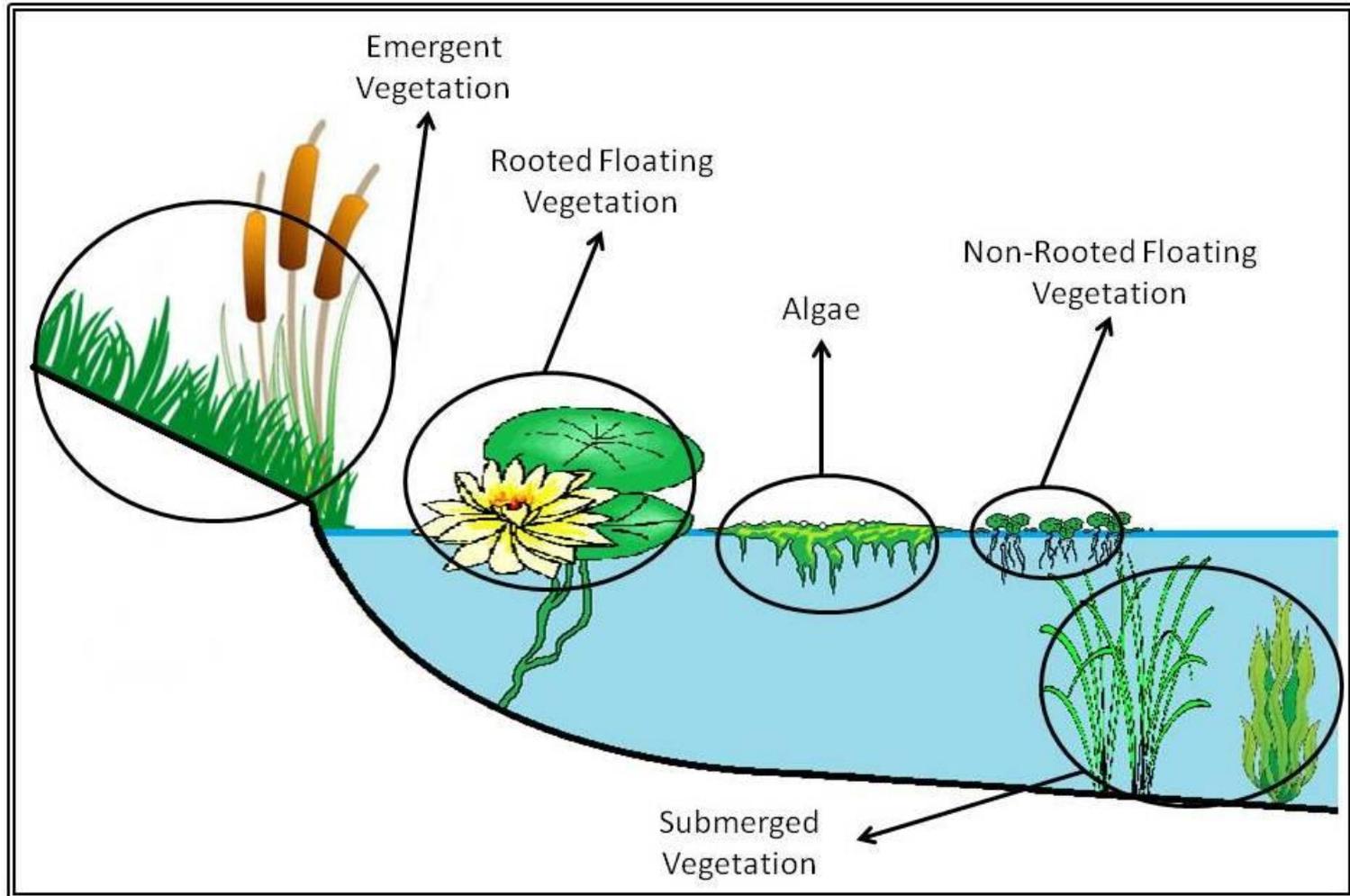


Key Aquatic Pests

City of Sebastian
Stormwater IPM Sub-Committee
11/2/20

Classes of Aquatic Vegetation



Hyacinth *Eichhornia crassipes*



- Origen: Amazon
- Floating
- Dark, feathery roots
- Forms dense mats
- Mats can double in size in 2 weeks!

Primrose Willow *Ludwigia repens*



- Origen: Native
- Mostly submersed
- Broadleaf
- May be large and shrubby, or small and floating
- 30 species in Florida
- Re-establishes from seeds or roots

Hydrilla *Hydrilla verticillata*



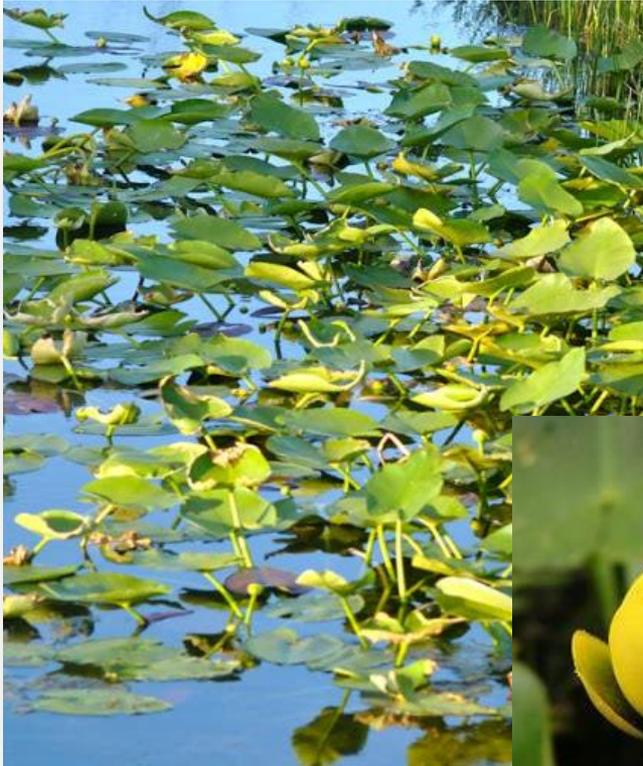
- Origen: Mediterranean
- Submersed
- Reproduces vegetatively
- Can grow in 7% salinity
- Very adaptable
- Prone to pesticide resistance
- Each stem can grow an inch a day

Giant Salvinia *Salvinia molesta*



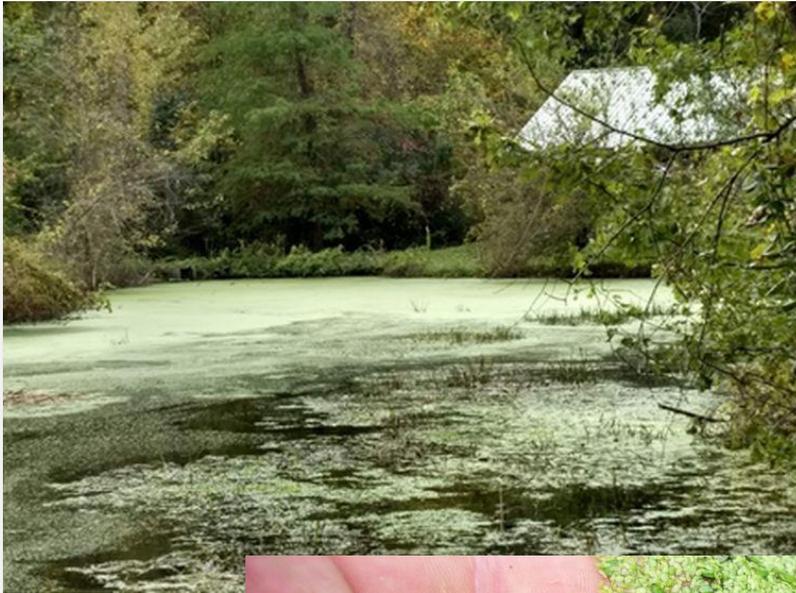
- Origen: Brazil
- Floating fern
- Rootless
- Forms dense mats
- Vegetative Spread

Spatterdock *Nuphar advena*



- Origen: Native
- Also, “Cow Lilly”
- Floating
- Leaves can float or stand on stalks
- Seeds or Rhizomal Spread

Duckweed *Lemna minor*



- Origen: Native
- Floating
- Usually in still waters
- Forms dense colonies
- Love nutrients (muck)

Shoreline Grasses



- Emergent
- Includes: cattails, bulrushes, phragmites, torpedo grass
- Spreads rapidly by rhizomes
- Dense clumping can inhibit human and animal access to water

Filamentous Algae



- Submersed, floating
- Rootless
- Usually grow in clear water
- Colonies of microscopic plants that form threads
- Feed on nitrates, then die and float to surface in slimy balls
- Grow on objects or substrate
- Break loose and form floating mats