

Lake Eustis pupfish – *Cyprinodon variegatus hubbsi*

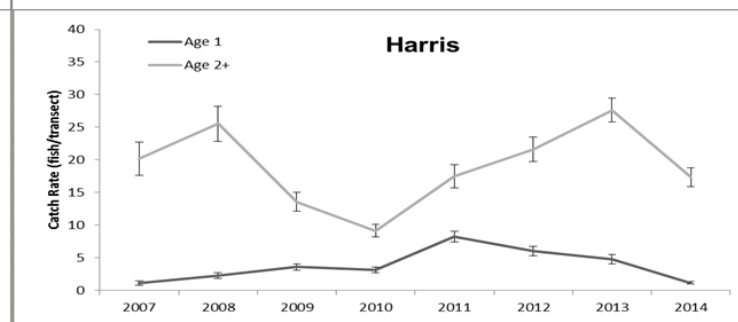
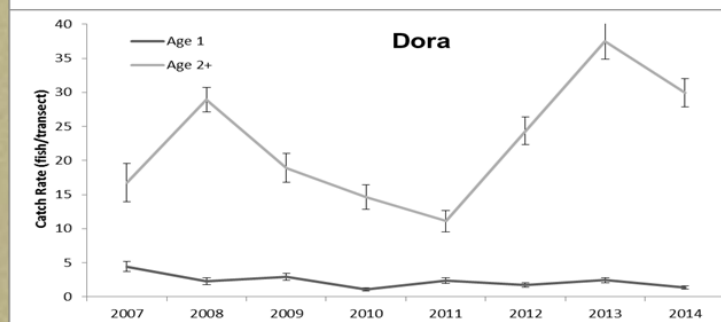
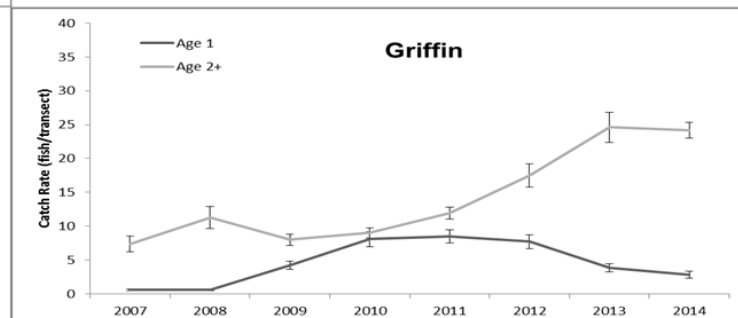
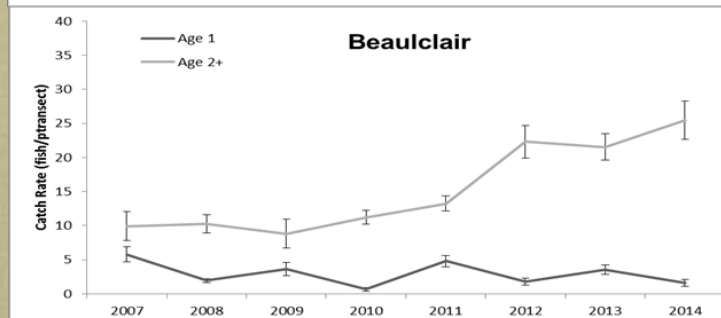
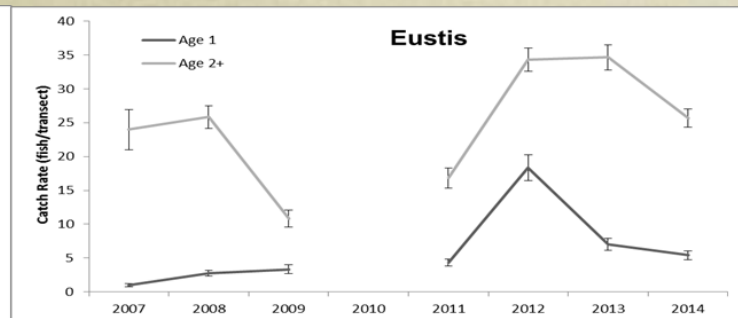
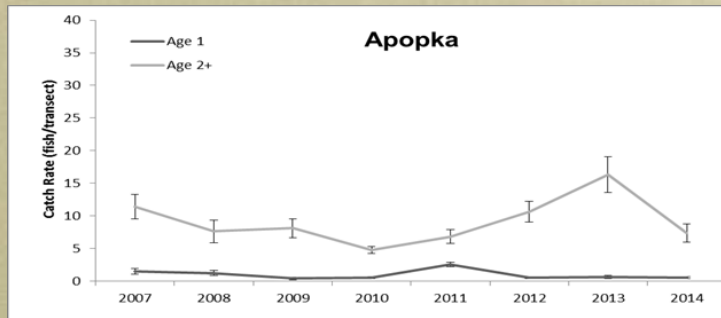


Zachary S. Randall/Florida Museum of Natural History

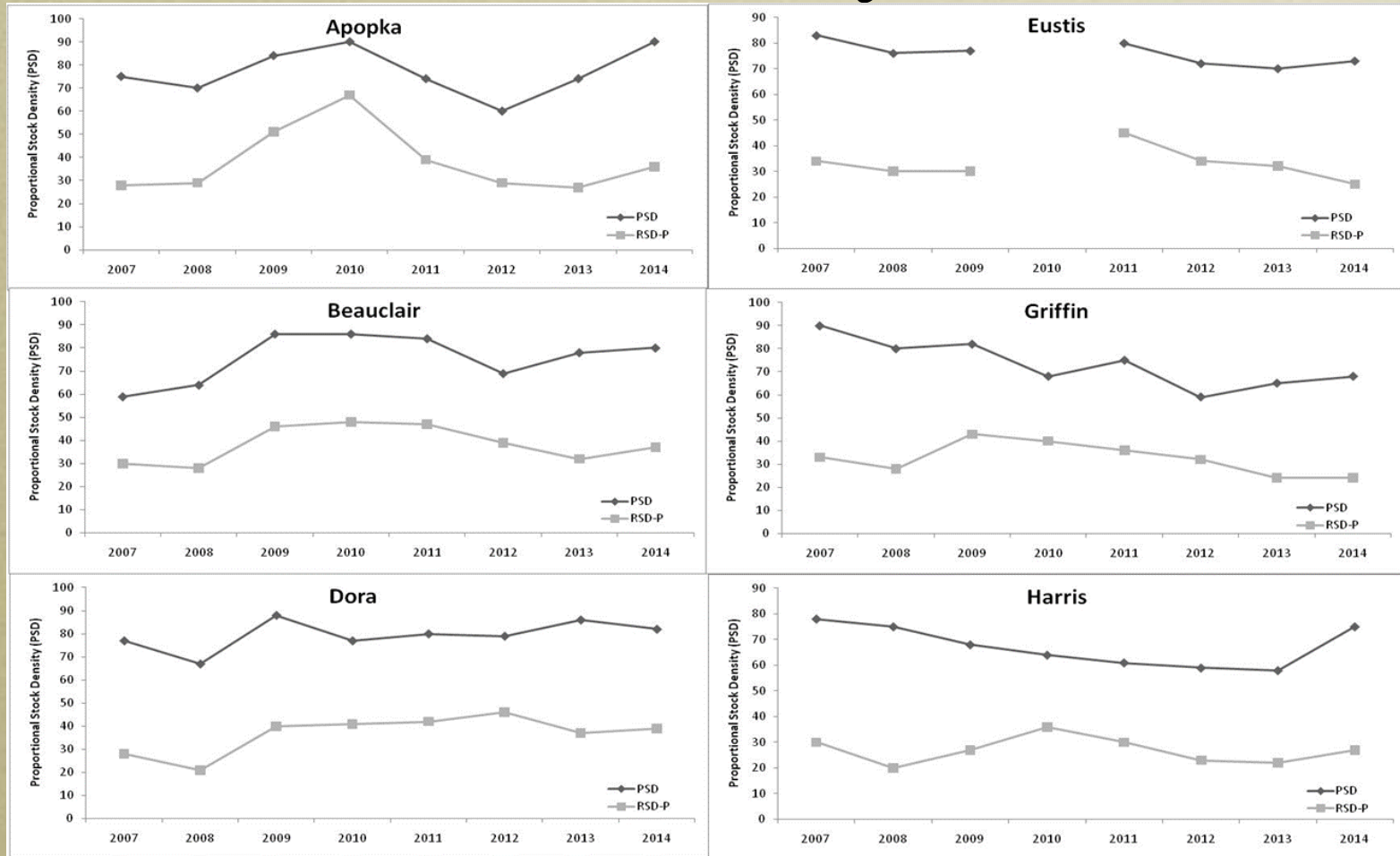


FWC actions in the Upper Ocklawaha Basin

Selected lakes, ages 1 & 2: spring LMB electrofishing CPUE



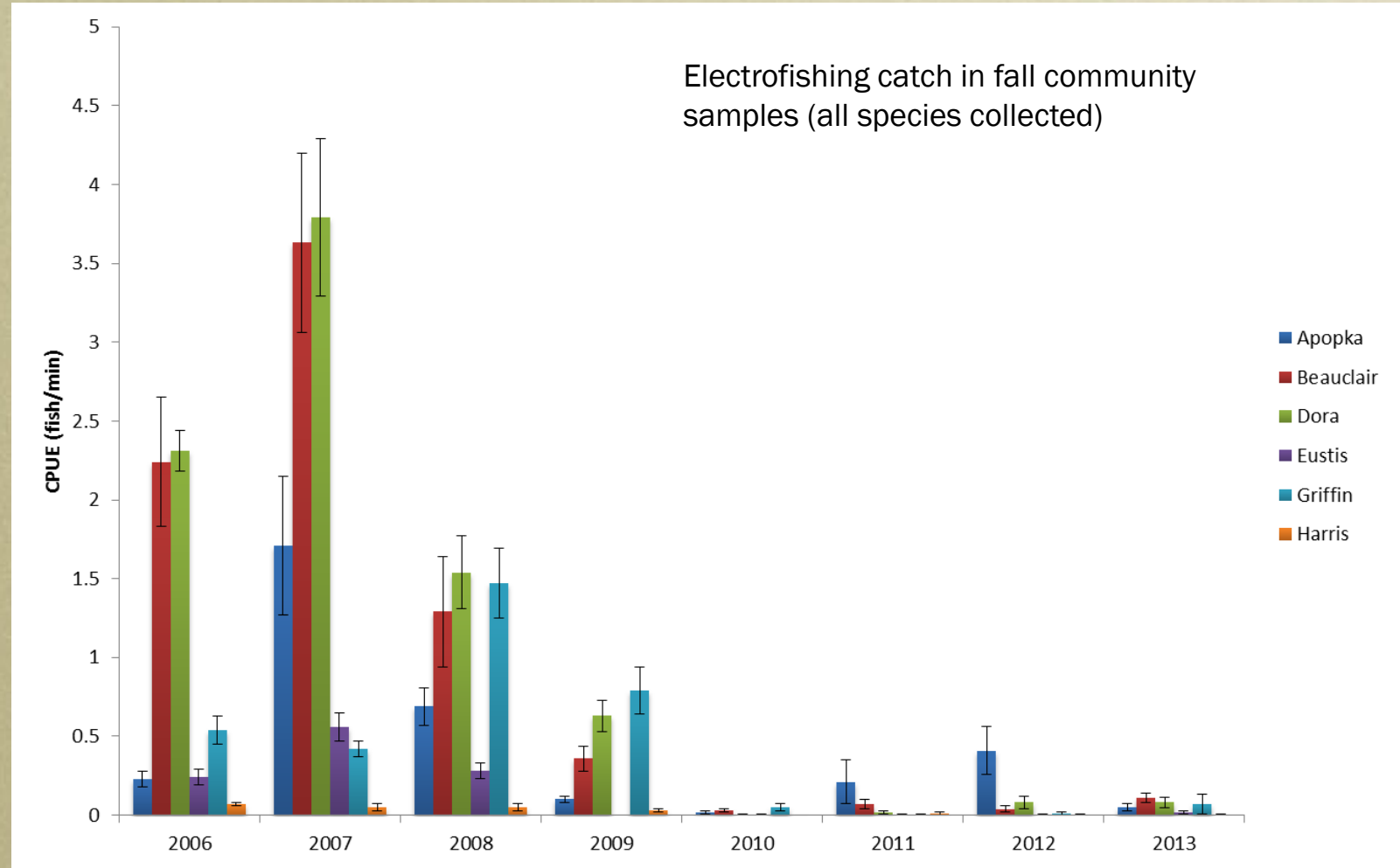
Proportional stock density and relative stock density of LMB



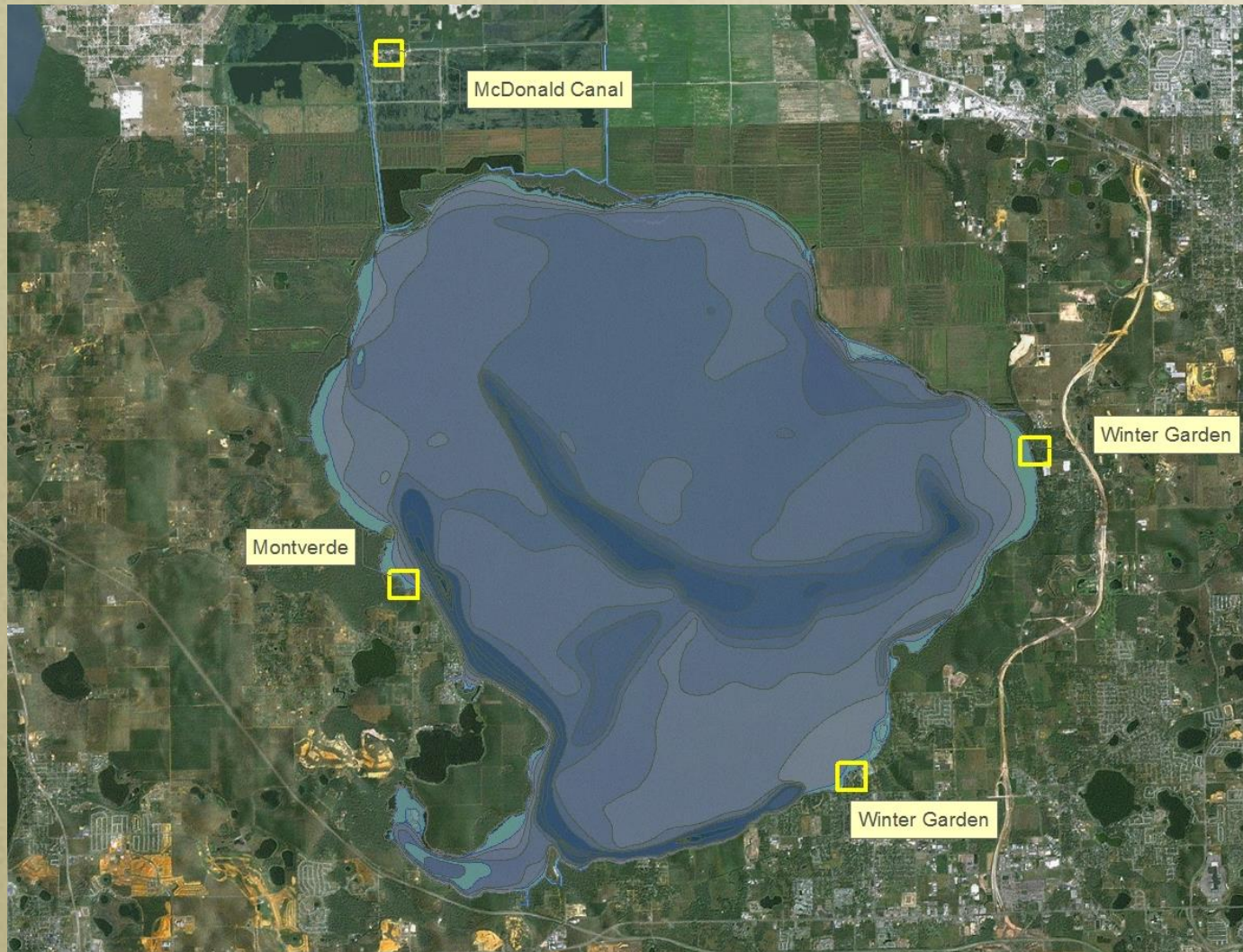
PSD: bass ≥ 30 cm / ≥ 20 cm

RSD-P: bass ≥ 38 cm / ≥ 20 cm

Blue Tilapia recovery ...

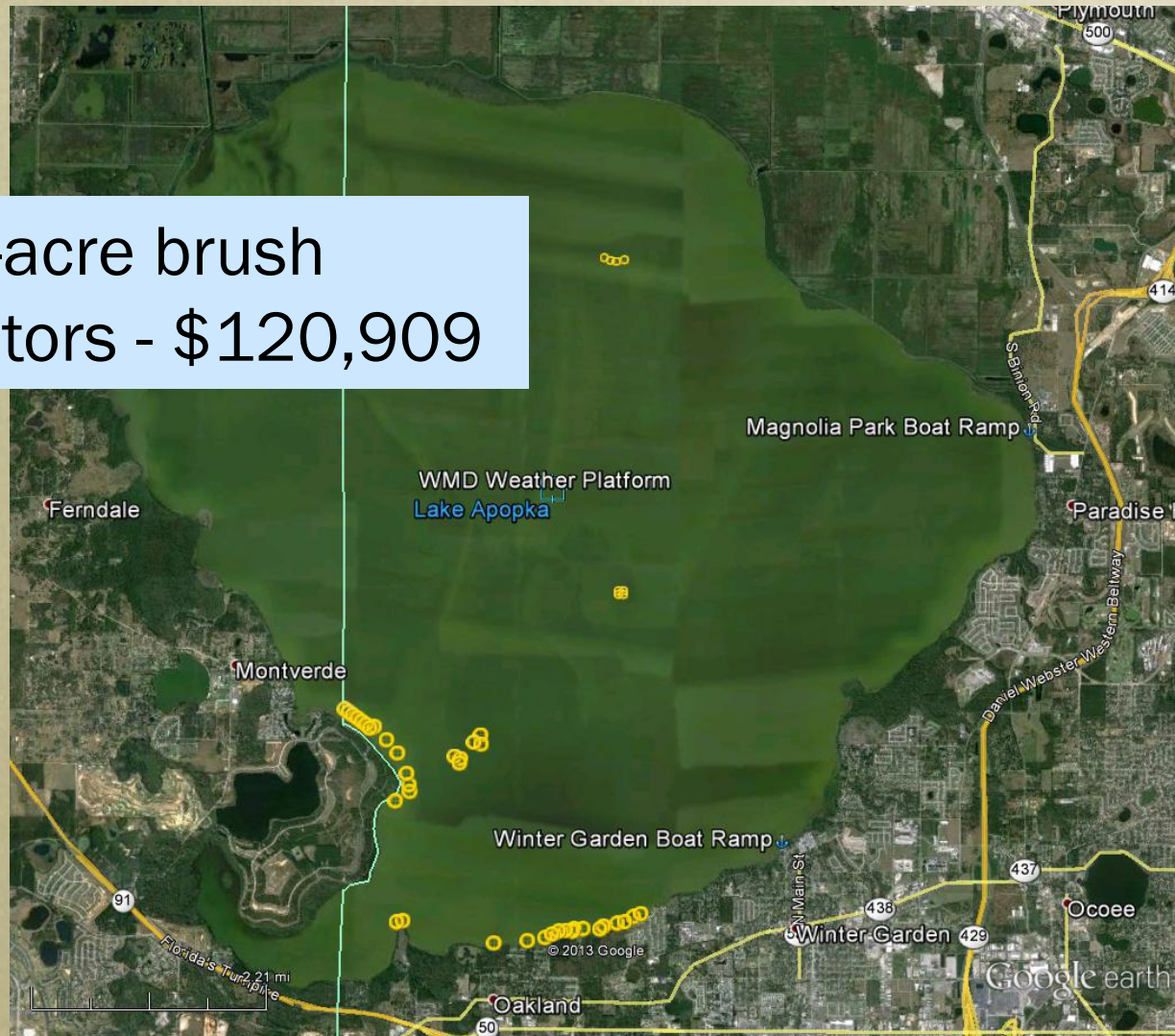


Lake Apopka Boating Access

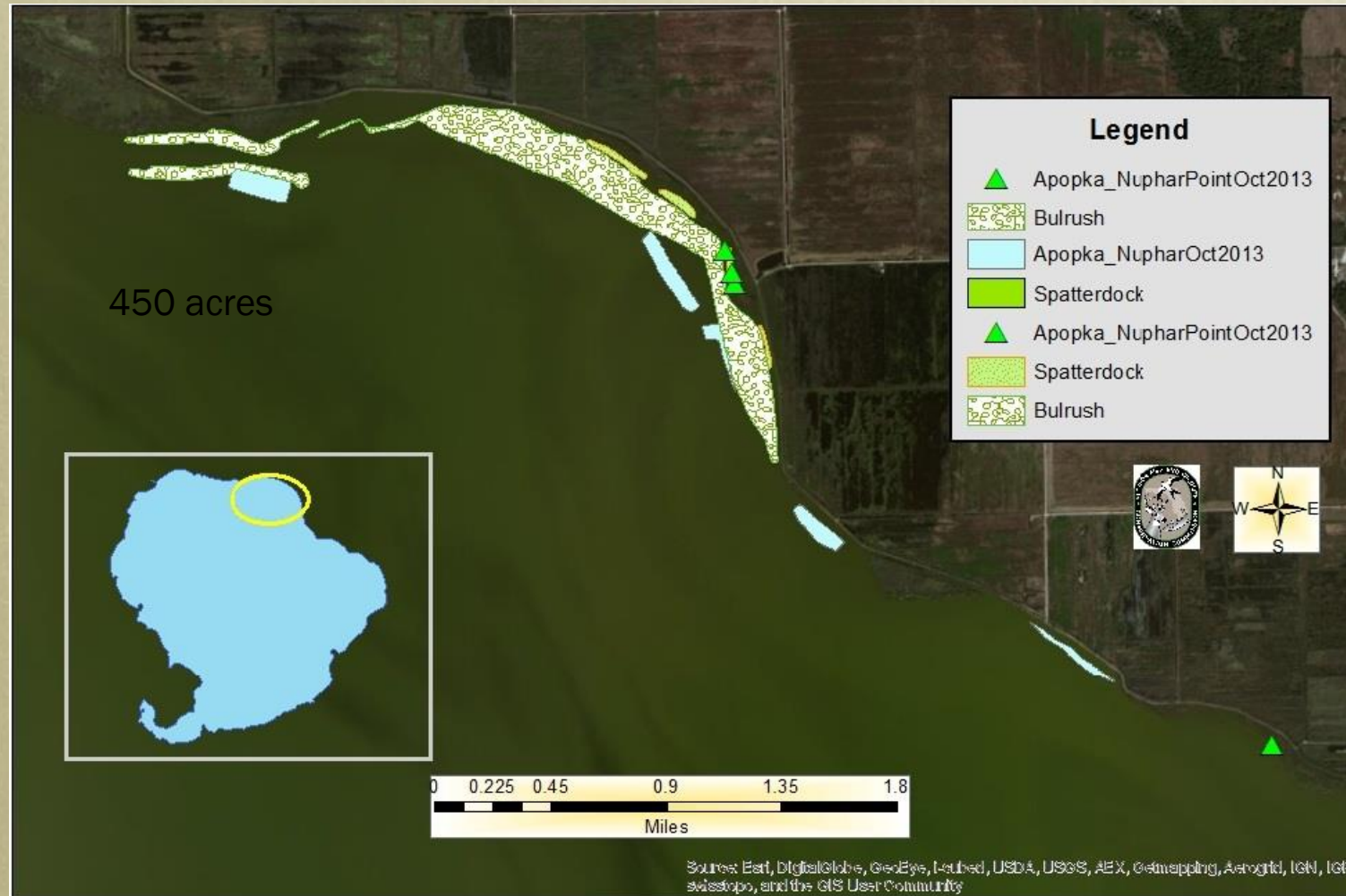


Lake Apopka Fish Attractors

41 1/4-acre brush
attractors - \$120,909



Lake Apopka Aquatic Vegetation Planting



Spatterdock Planting Zones



Spring/Summer/Fall 2013

Planted 25,000 wild
harvested spatterdock.

Planted 10,000 nursery
grow-out spatterdock.

Planted 500 UF
greenhouse
spatterdock.



Laughlin Road Site



Spring/2014

Planted 50,000 wild
harvested spatterdock.

Planted 10,000
nursery grow-out
spatterdock.

Planted 300 UF
greenhouse
spatterdock.



Spatterdock Survival Estimates

- Wild harvest ~60% survival.
- Nursery grow-out ~75% survival.
- UF greenhouse grow-out ~80% survival.
- Total # spatterdock plants installed – 96,000



Costs to Plant Spatterdock

- Wild harvest - \$2.58/plant.
- Nursery grow-out - \$6.80/plant.
- UF greenhouse grow-out - ~\$27.80/plant.
- Total Spent (as of May 2014) - \$327,753



Progress Toward 10% Goal (as of May 2014)

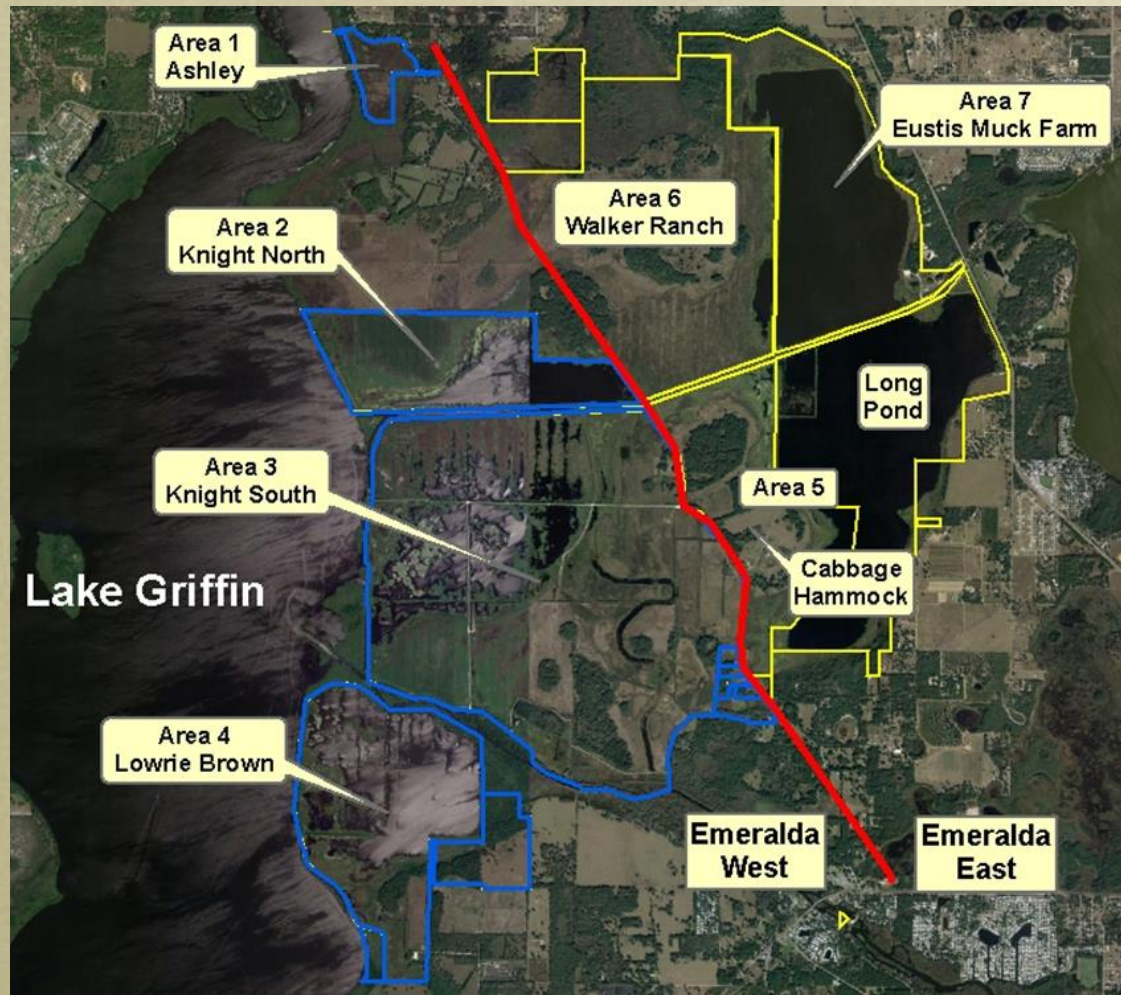
- ~450 acres aquatic plants (1.5% of lake)
- Next step – test plots of SAV planted in protected spots behind emergent plants



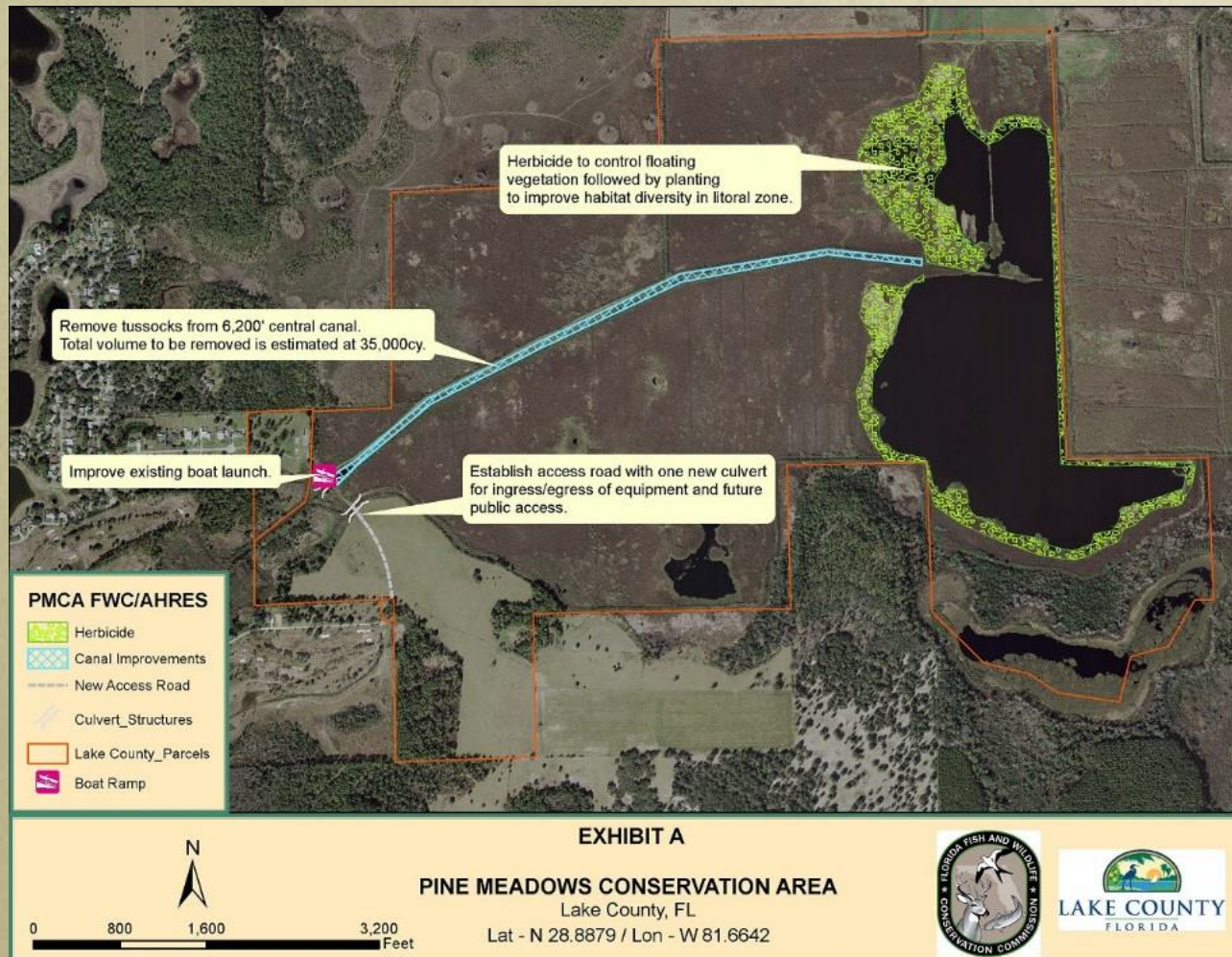
Wild Harvest Methods



Lake Griffin – Area 3 reconnection



Pine Meadows habitat – collaboration with Lake County Parks



Lake County Parks master plan

