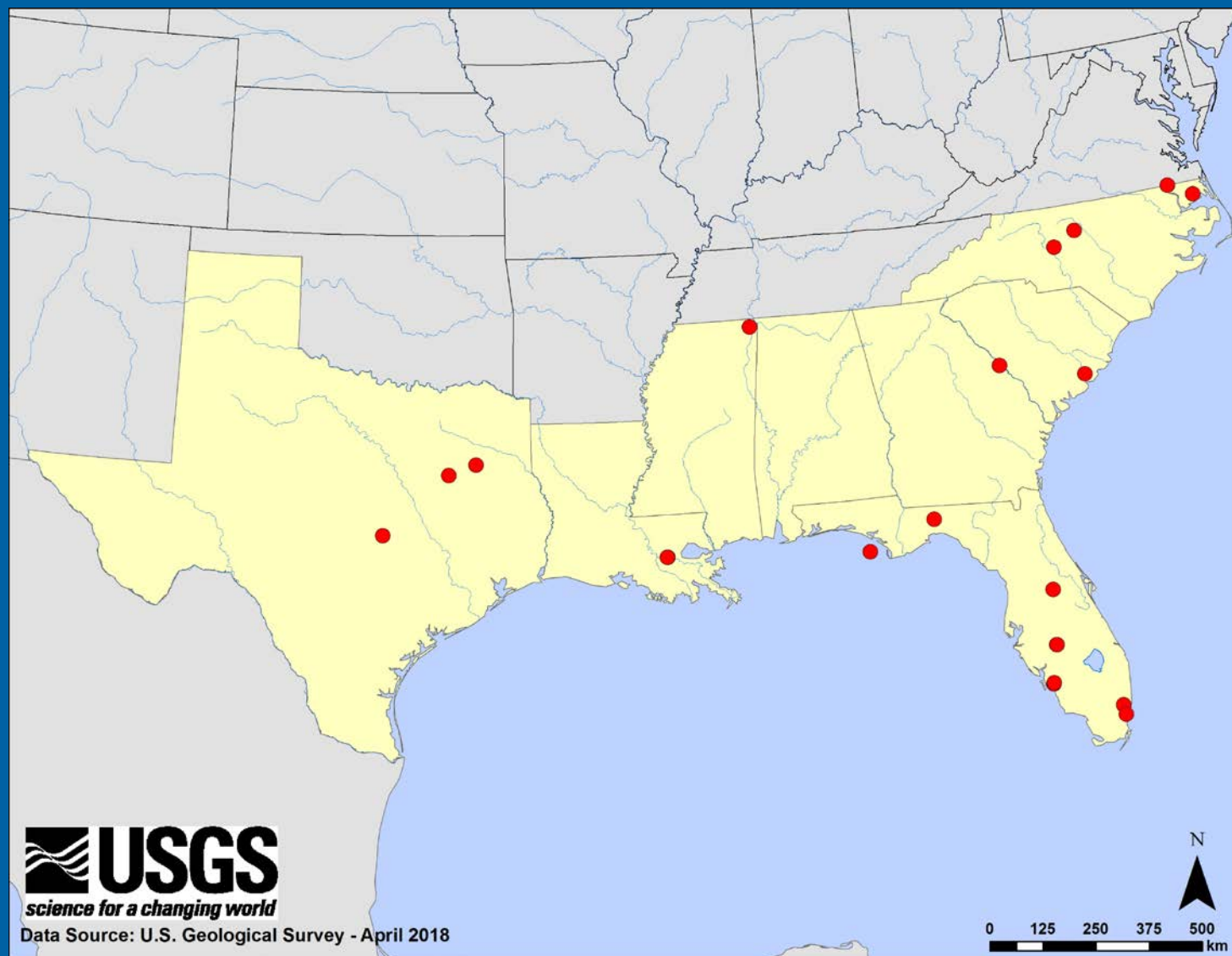


# New Non-native Species Occurrences and Program Updates

Pam Fuller, Cayla Morningside, and Wes  
Daniel

# Atlantic Slope GSARP



## LEVELS

0 new to US  
3 new to state  
15 new to drainage  
23 new to county

## GROUPS

5 fishes  
2 mollusks  
9 plants  
1 reptile  
1 mammal  
1 Amphibian

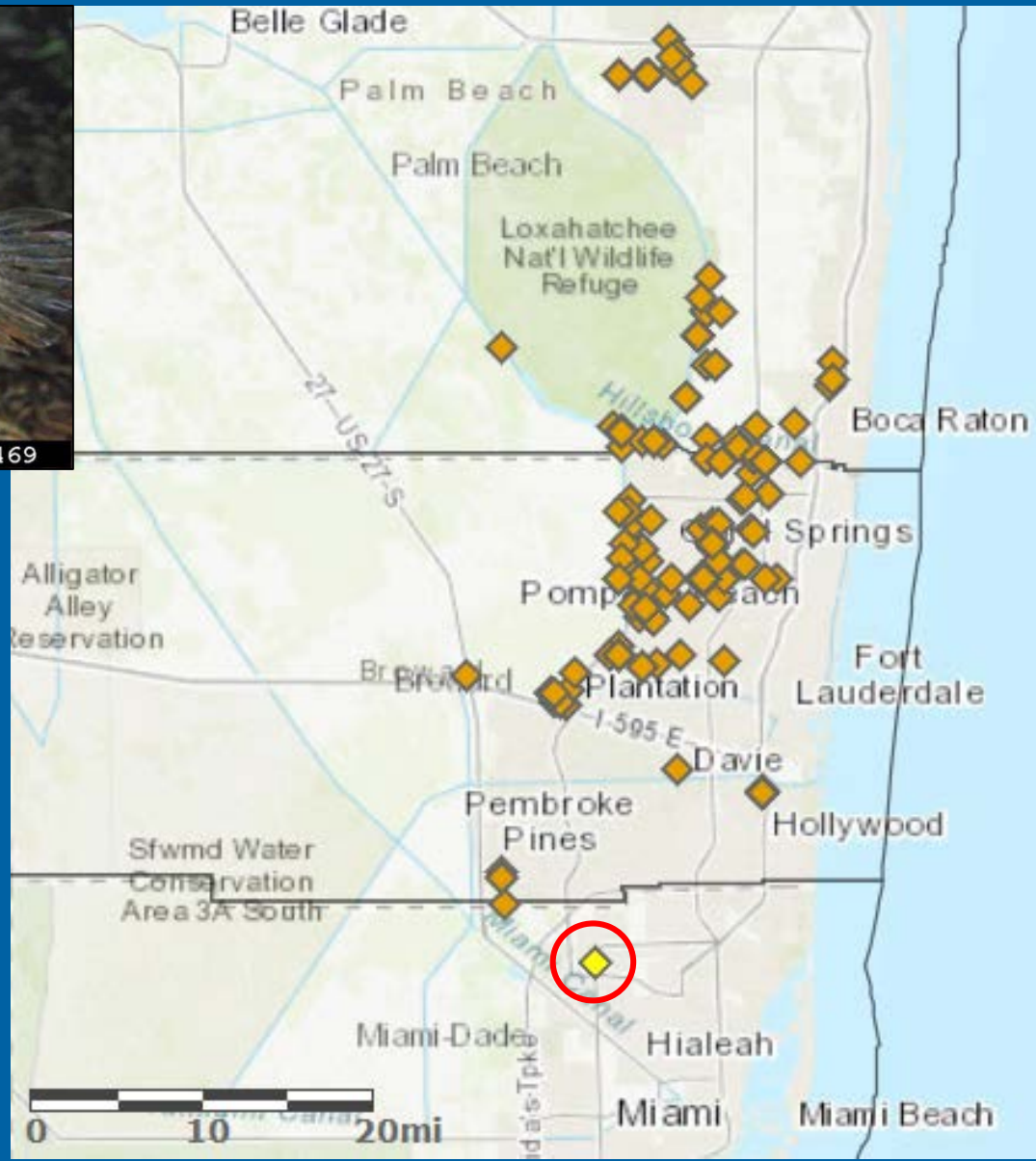
## STATES

11 FL  
2 GA  
4 NC  
3 TX  
1 SC  
2 LA  
1 MS

# Bullseye Snakehead (*Channa marulius*)



Miami-Dade County golf  
course pond



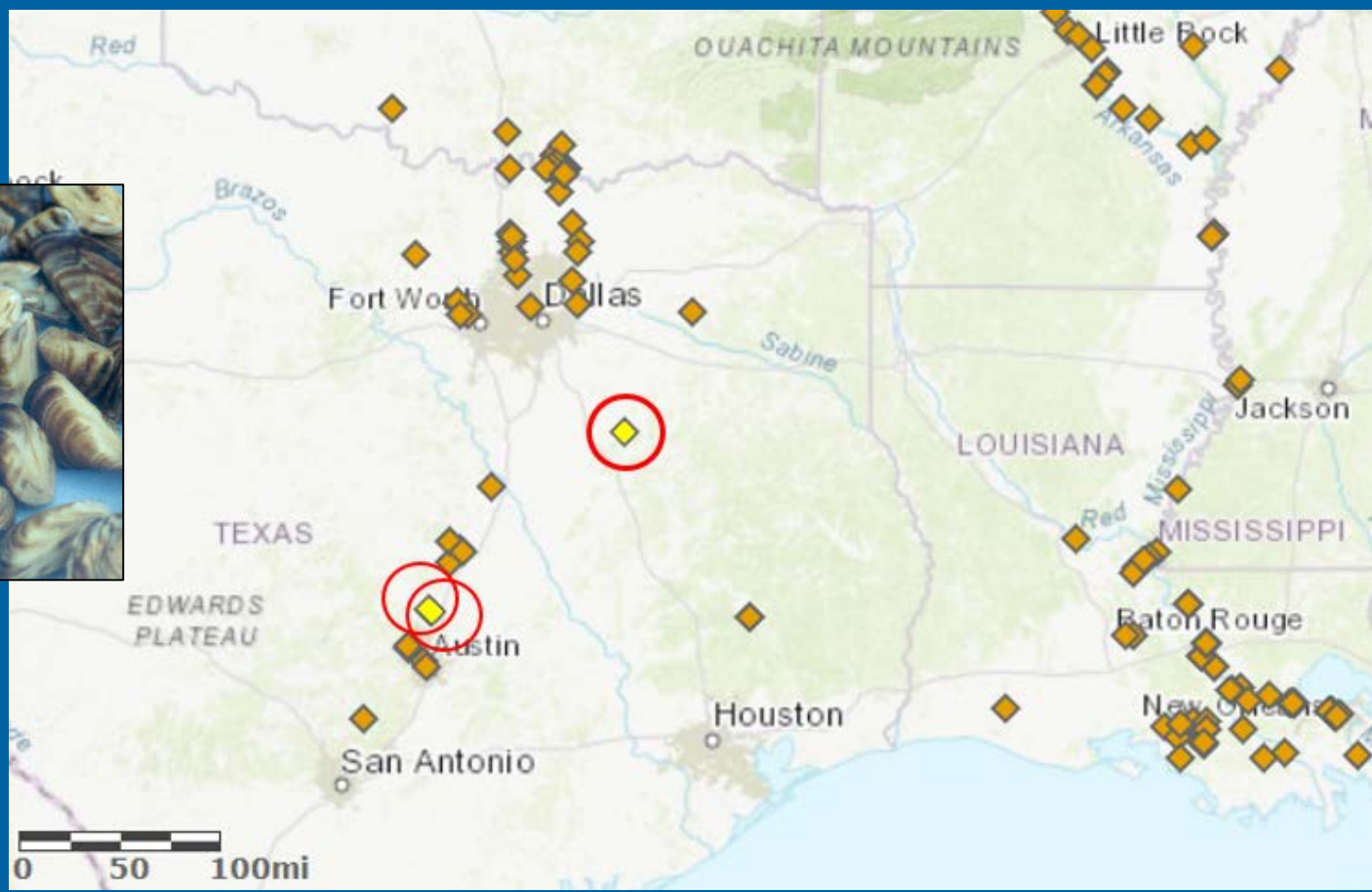
# Zebra Mussel (*Dreissena polymorpha*)

## New record for Williamson County and San Gabriel Drainage

- North Fork San Gabriel River, veligers found in water sample October 6, 2017
- Lake Georgetown of San Gabriel River declared to be reproducing later that year

## New record for Freestone County and Richland Drainage

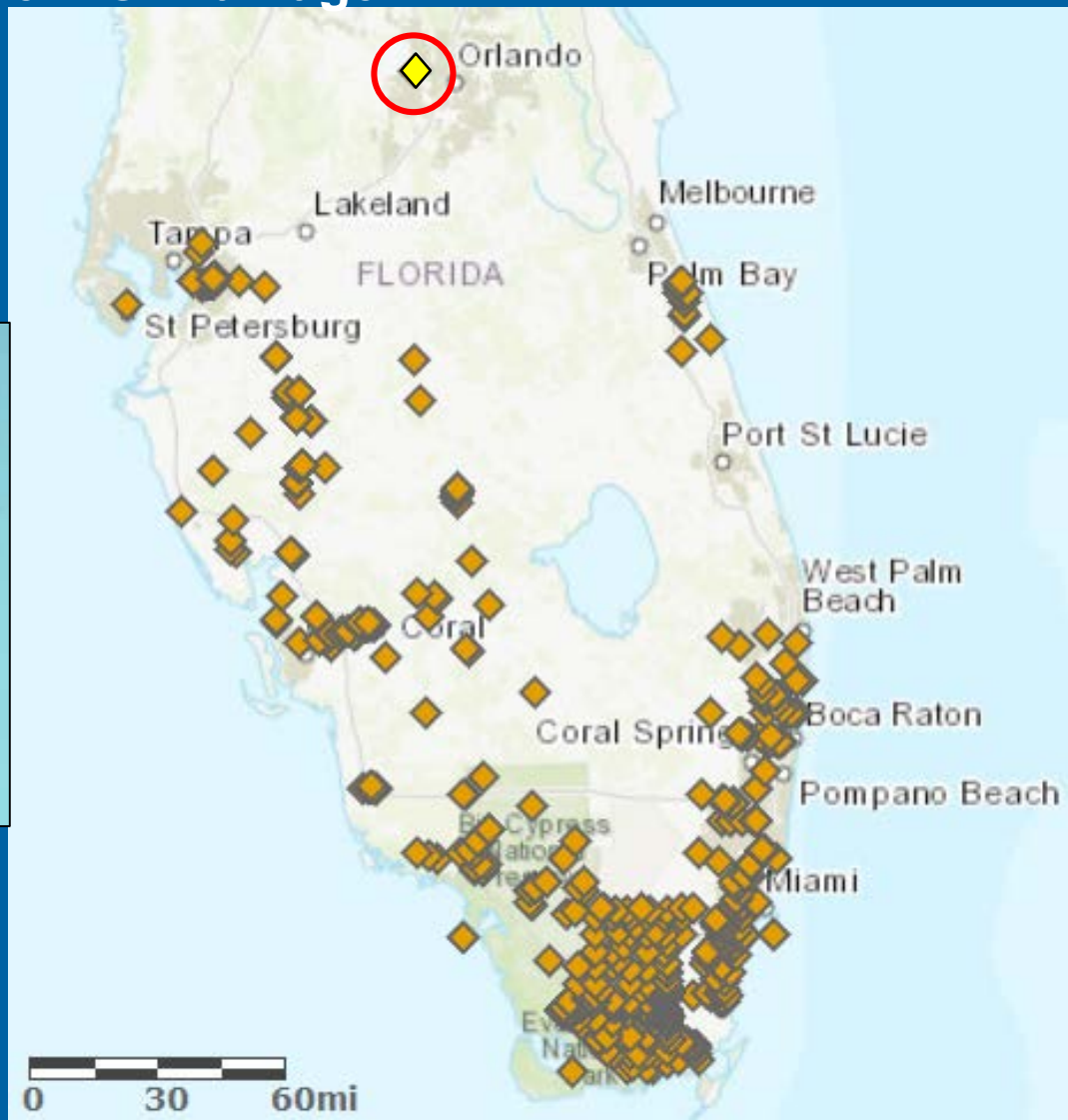
- Richland Creek at Richland Chambers Reservoir October 18, 2017
- 6 adults found





# African Jewelfish (*Hemcichromis letourneuxi*)

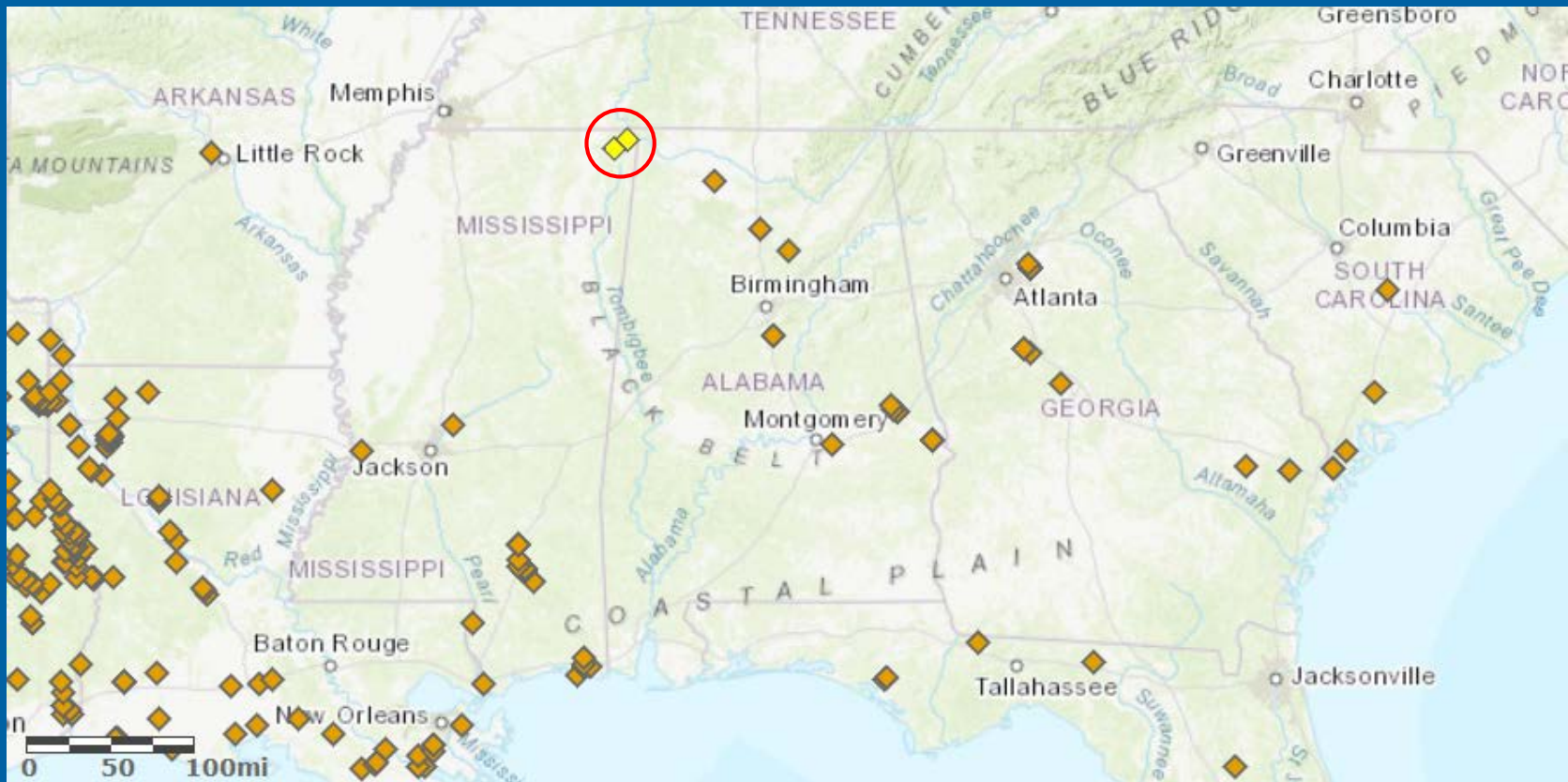
- Starke Lake, Ocoee, Upper St. Johns Drainage
- Established



# Giant Salvinia (*Salvinia molesta*)

## New record for Tishomingo County, Pickwick Lake Drainage

- Yellow Creek, near Burnsville
- More plants found upstream in Indian Creek, close to confluence with Tennessee River

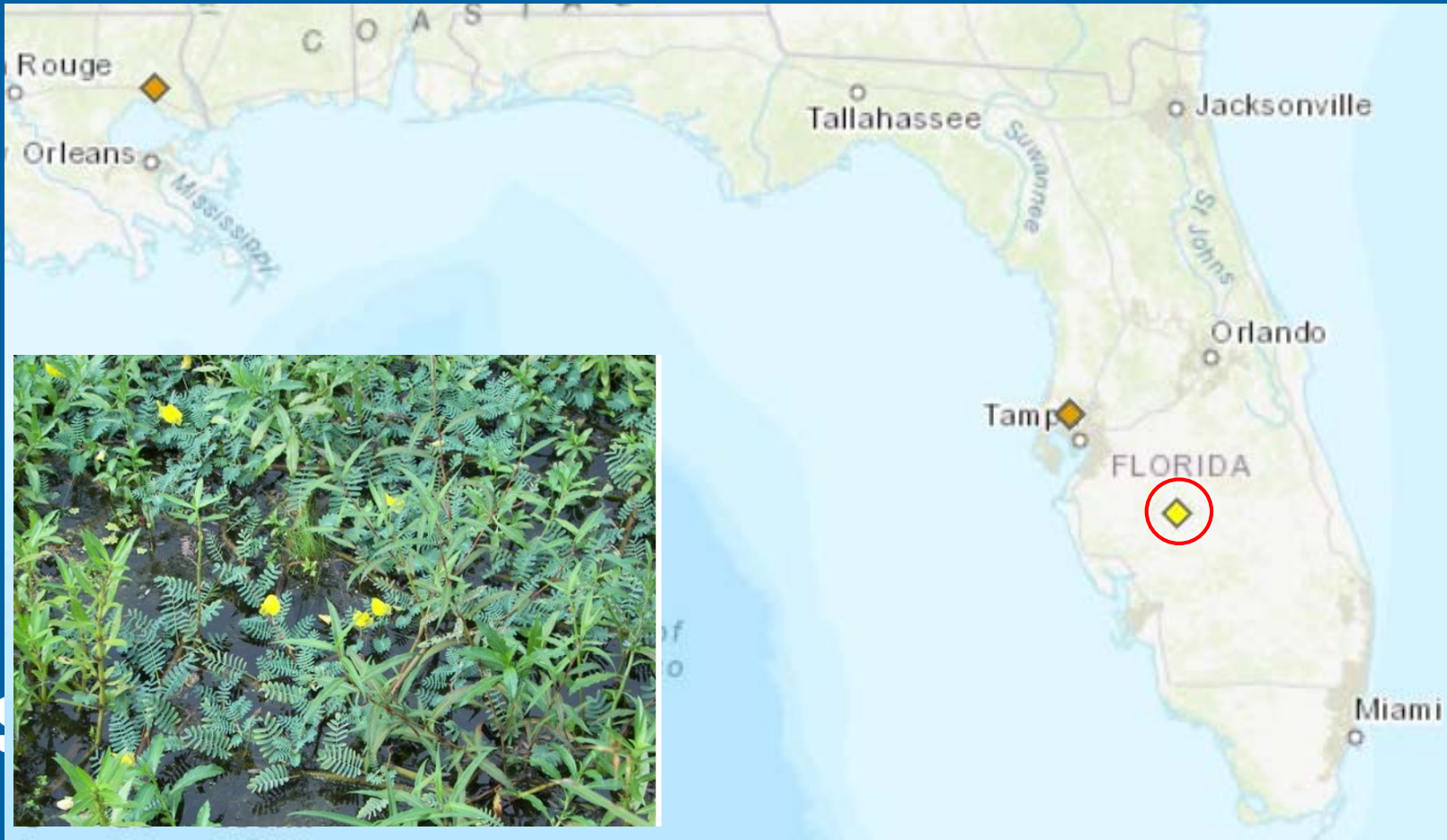




# Giant Water Sensitive Plant (*Aeschynomene fluitans*)

## New record for Hardee County, Peace Drainage

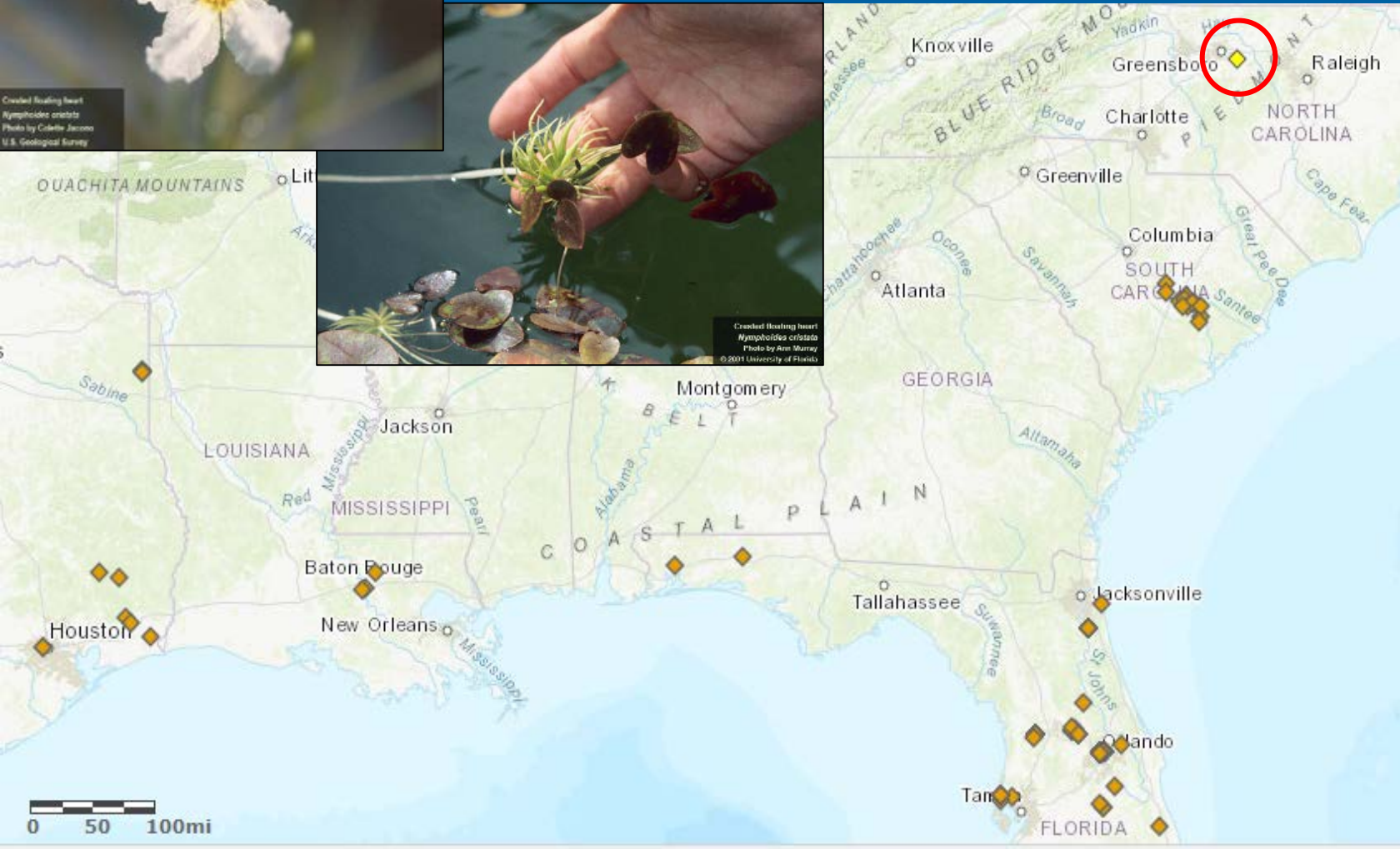
- Plants found in pond near Oak Creek
- Fourth sighting in state of FL, 5<sup>th</sup> in country



# Crested Floating-heart (*Nymphoides cristata*)

## New record for North Carolina

- Established in pond near Beaver and Chocolate Creeks, Haw drainage





# Pagoda tiara (*Thiara scabra*)

New records for Lee County, Caloosahatchee and Big Cypress Swamp Drainages

- Established in these areas
- aquarium release; native to Asia
- Parthenogenetic reproduction main mode of reproduction
- Recently found in US (Florida) August 2017; now on west coast as of January 20, 2018 and March 11, 2018

