

# **New Species Occurrences**

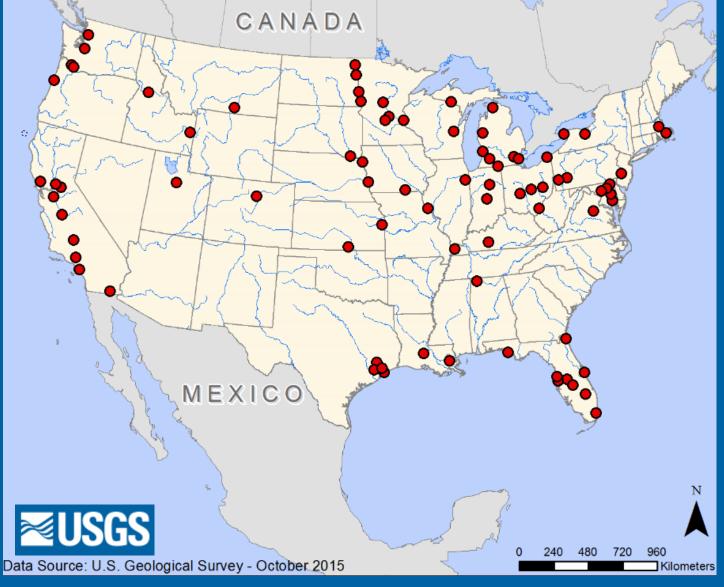
Pam Fuller
Nonindigenous Aquatic Species Program
USGS
Gainesville, FL

#### An NAS Alert is generated when:

- A species occurrence is new to a:
  - Country
  - State
  - Drainage
  - County
- Was found in the past 6 months



#### In the past 6 months (84)



3 new to US 8 new to a state 52 new to drainage 21 new to county

**GROUPS** 

31 fish

29 mollusks

11 reptiles

#### STATES

9 California

9 Florida

7 Michigan

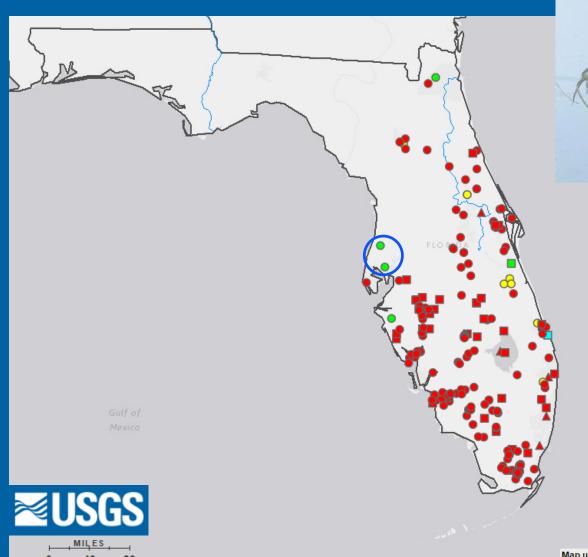
#### **SPECIES**

10 Zebra mussel 6 Red-Ear Slider

6 Giant Applesnail

Since May 1, 2015

# **Brown Hoplo**





Map updated: Tue Sep 29 2015

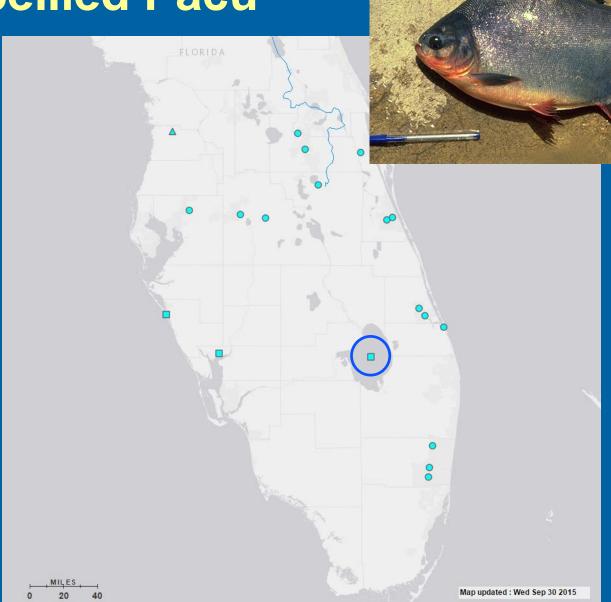
-88.43584, 31.73187

# Giant Applesnail

© 2008 - Femorale

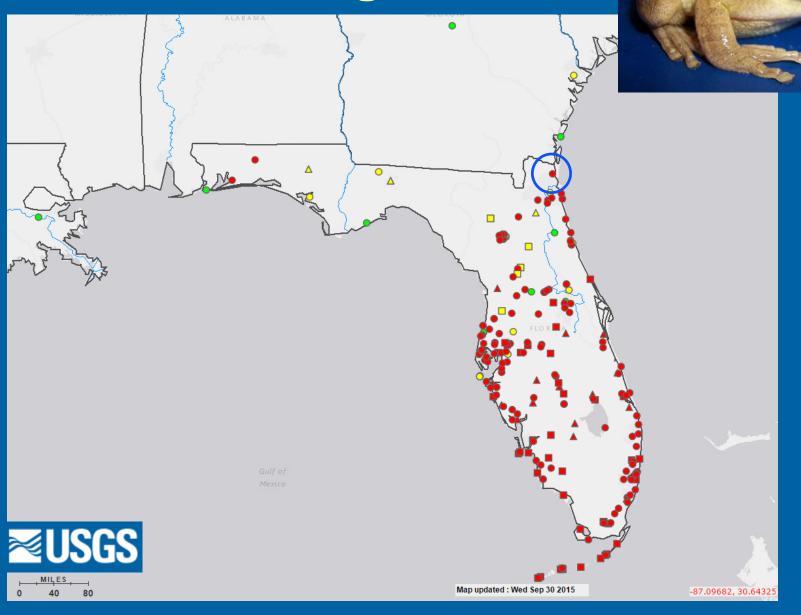


## Red-bellied Pacu





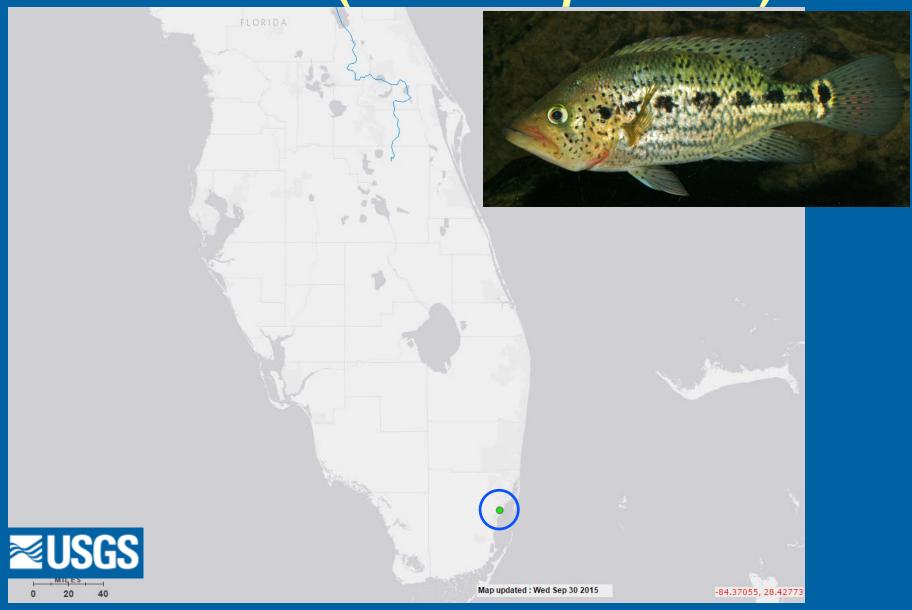
## **Cuban Treefrog**



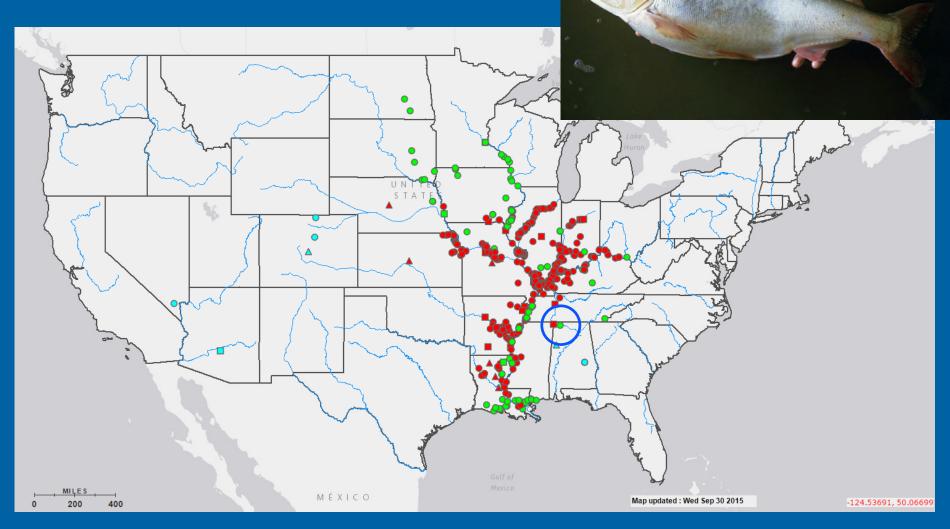
#### Lowland Cichlid (Herichthys carpintis)



#### Giant Cichlid (Petenia splendida)



## **Silver Carp**





# **Redtail Catfish** UNITE MÉXICO Map updated: Wed Sep 30 2015 -123.04277, 44.67175



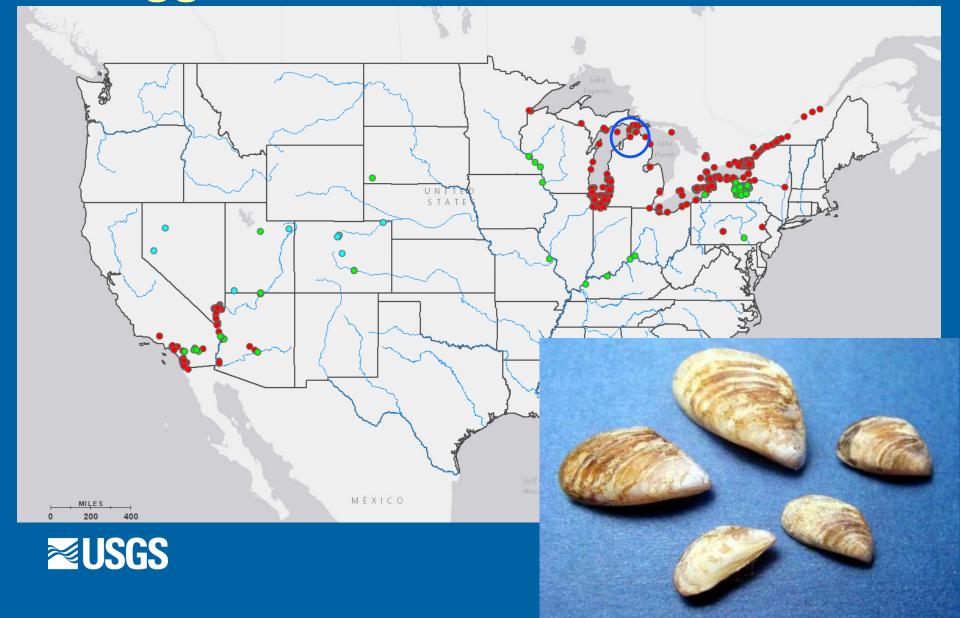
#### **OUTSIDE GSARP**



#### **Zebra Mussel**



# Quagga Mussel



#### **Chinese Mysterysnail**



## Japanese Mysterysnail

