



New Species Occurrences

Matt Neilson

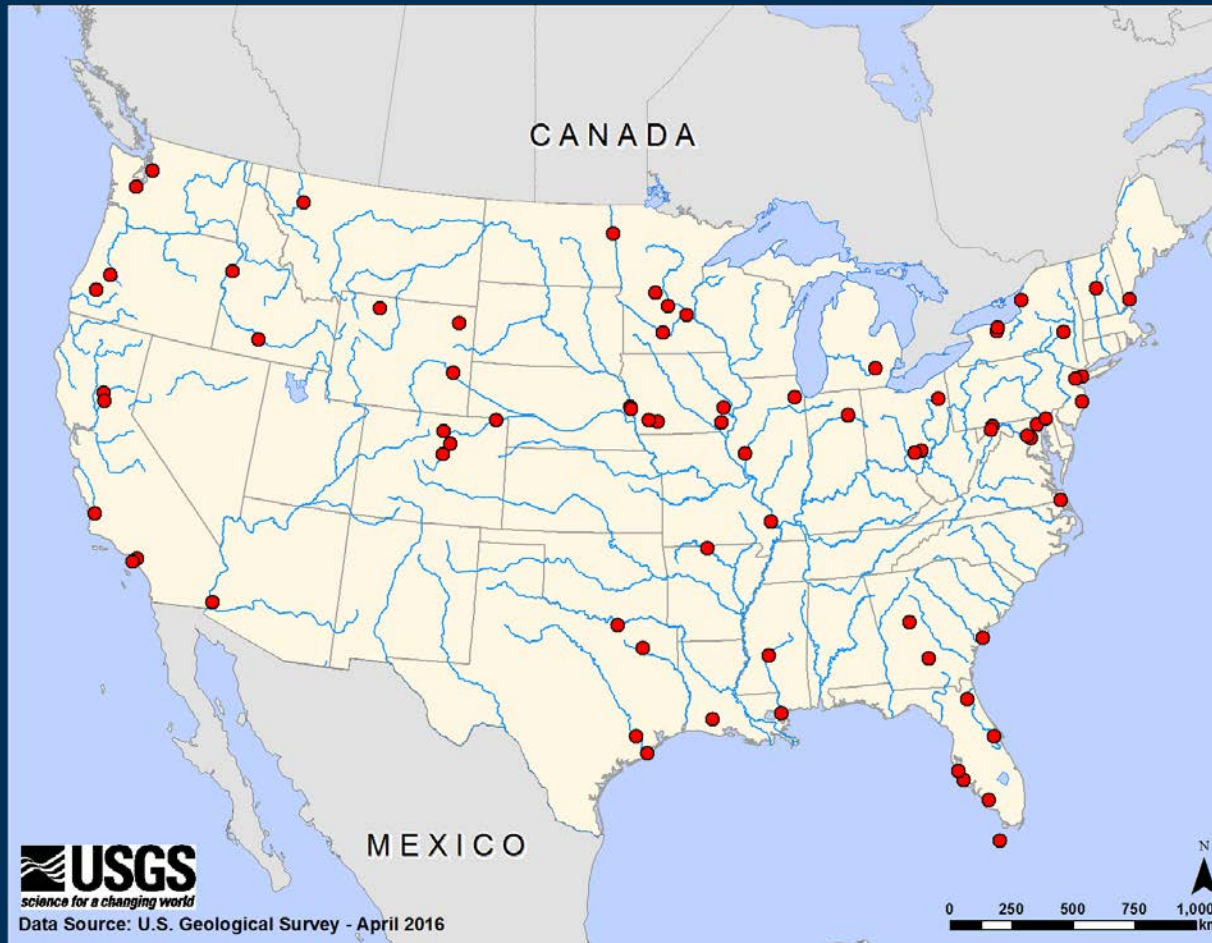
Nonindigenous Aquatic Species Program

Gainesville, FL

NAS Alerts

- Alerts are generated when
 - Species is new to one or more geographic levels
 - Country
 - State
 - Drainage (HUC8)
 - County
 - Observed within the last 6 months

Since October 2015 (68)



LEVELS

0 new to US
8 new to state
45 new to drainage
14 new to county
1 bonus alert

GROUPS

24 fish
18 mollusks
13 plants

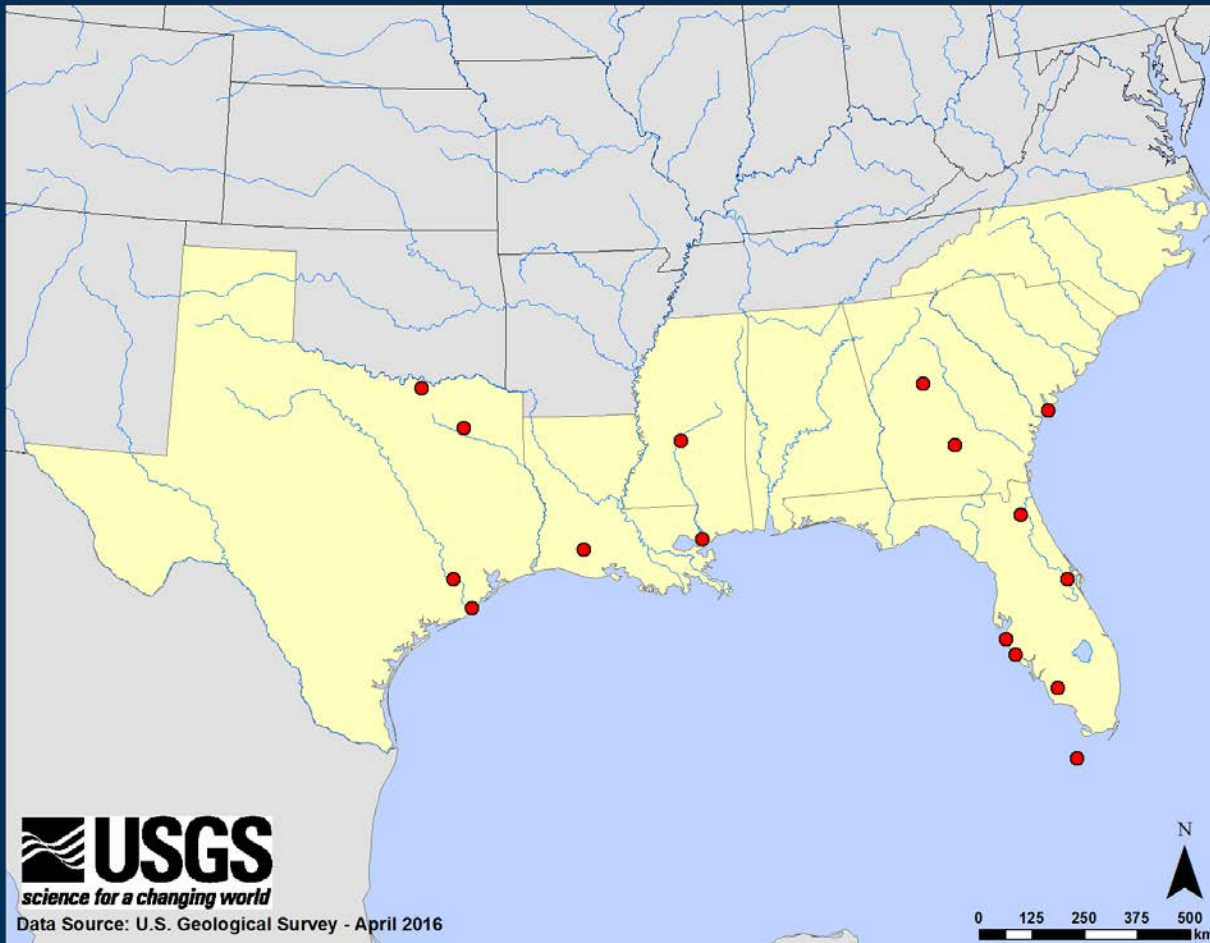
STATES

6 Florida
5 California
5 Maryland
5 Minnesota

SPECIES

12 carp (3 BH/7SC/2G)
6 Zebra Mussel
5 *Hydrilla*

Since October 2015 (17)



LEVELS

0 new to US
2 new to state
11 new to drainage
4 new to county
0 bonus alert

GROUPS

4 fish
6 mollusks
2 plants
3 reptiles

STATES

6 Florida
4 Texas
3 Louisiana
2 GA
1 (MS, SC)

African Jewelfish



Hemichromis letourneuxi

Fishes

Exotic

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[Fact Sheet](#)

[Animated Map](#)

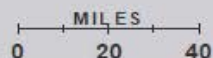
Species Observations

Reference Layers

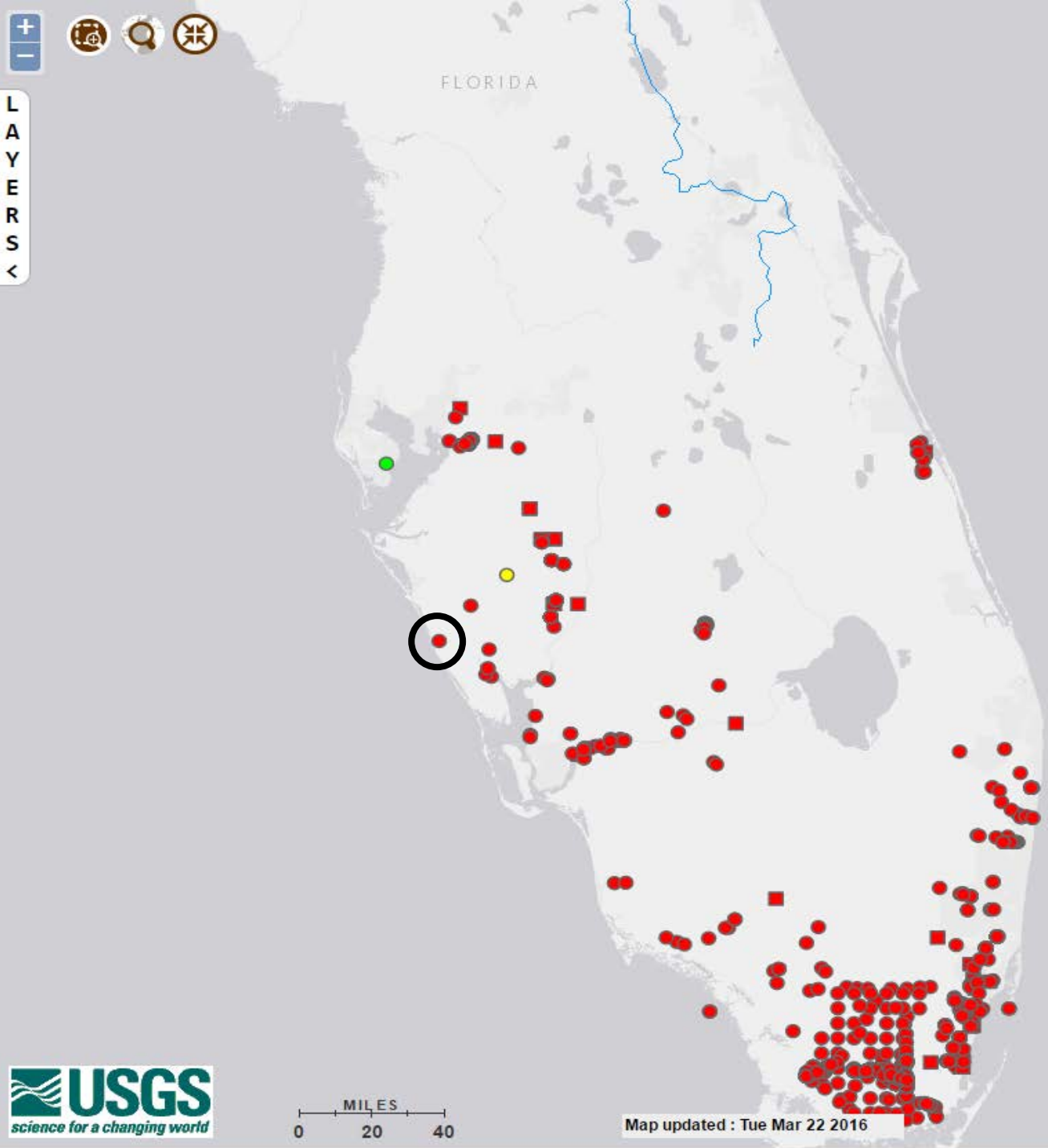
Background



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Map updated : Tue Mar 22 2016



Blackchin Tilapia



Sarotherodon melanotheron

Fishes

Exotic

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► Species Observations

► Reference Layers

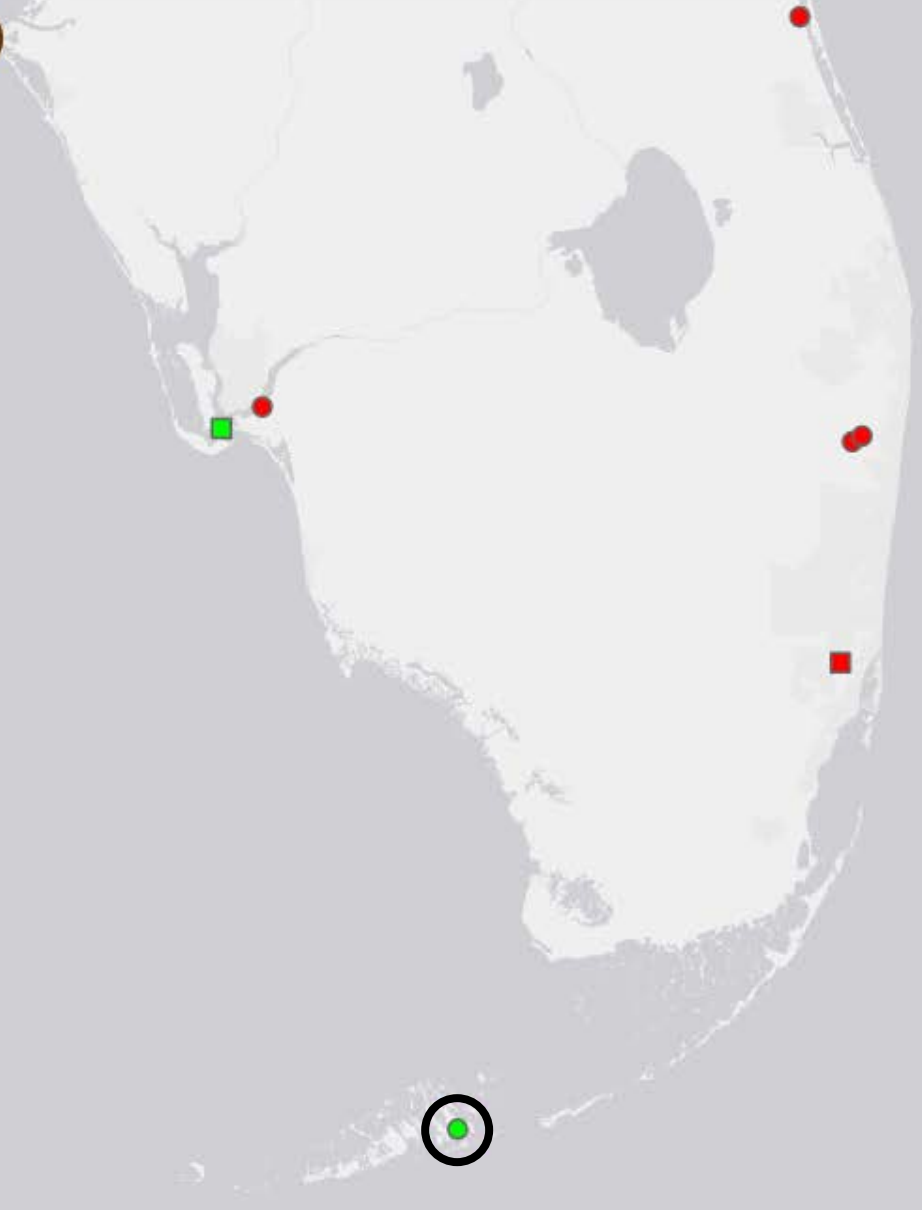
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Straits of
Florida

Species

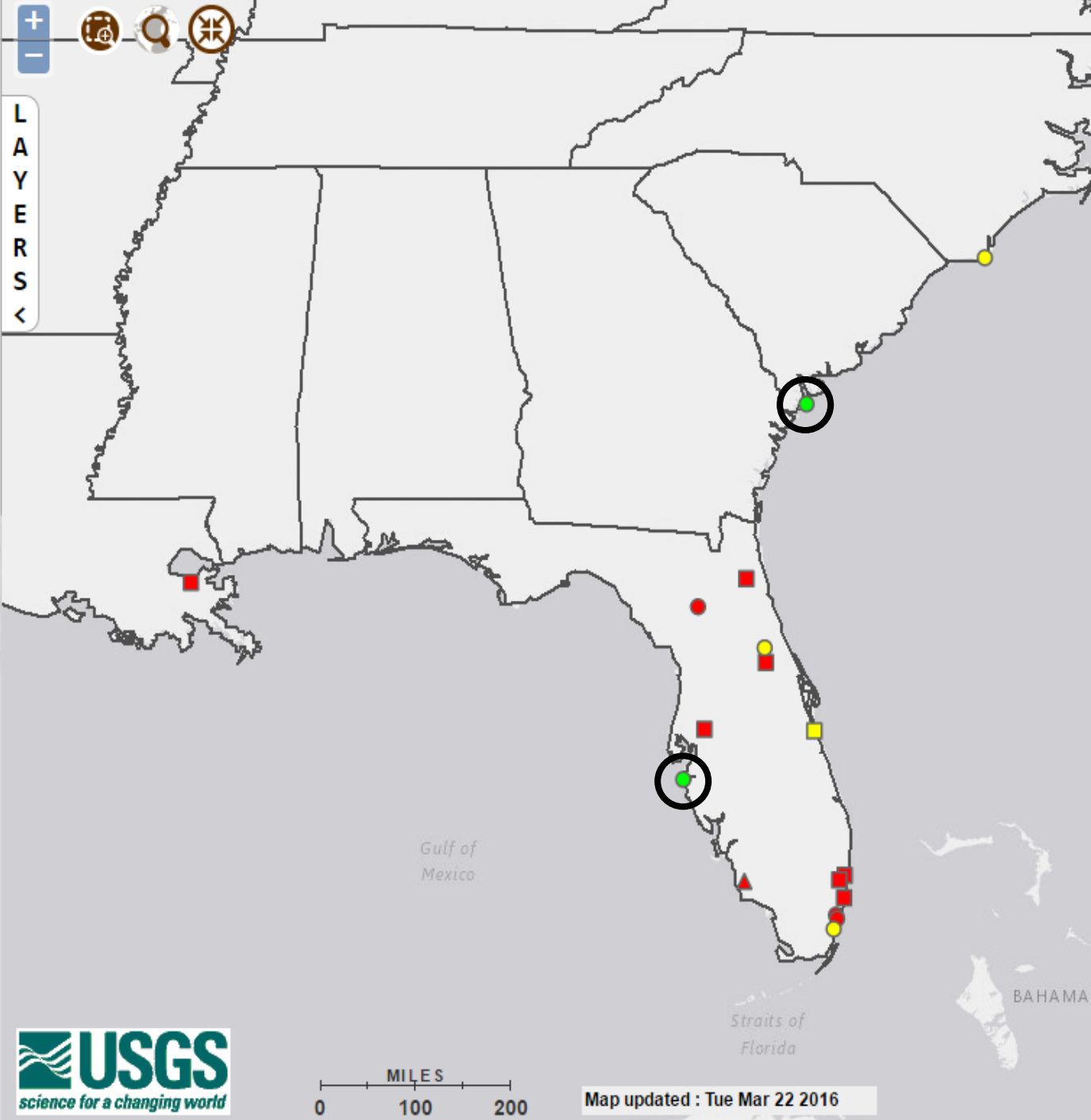
red-rim melania



Melanoides tuberculata
Mollusks-Gastropods
Exotic

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giant applesnail



Pomacea maculata
Mollusks-Gastropods
Exotic

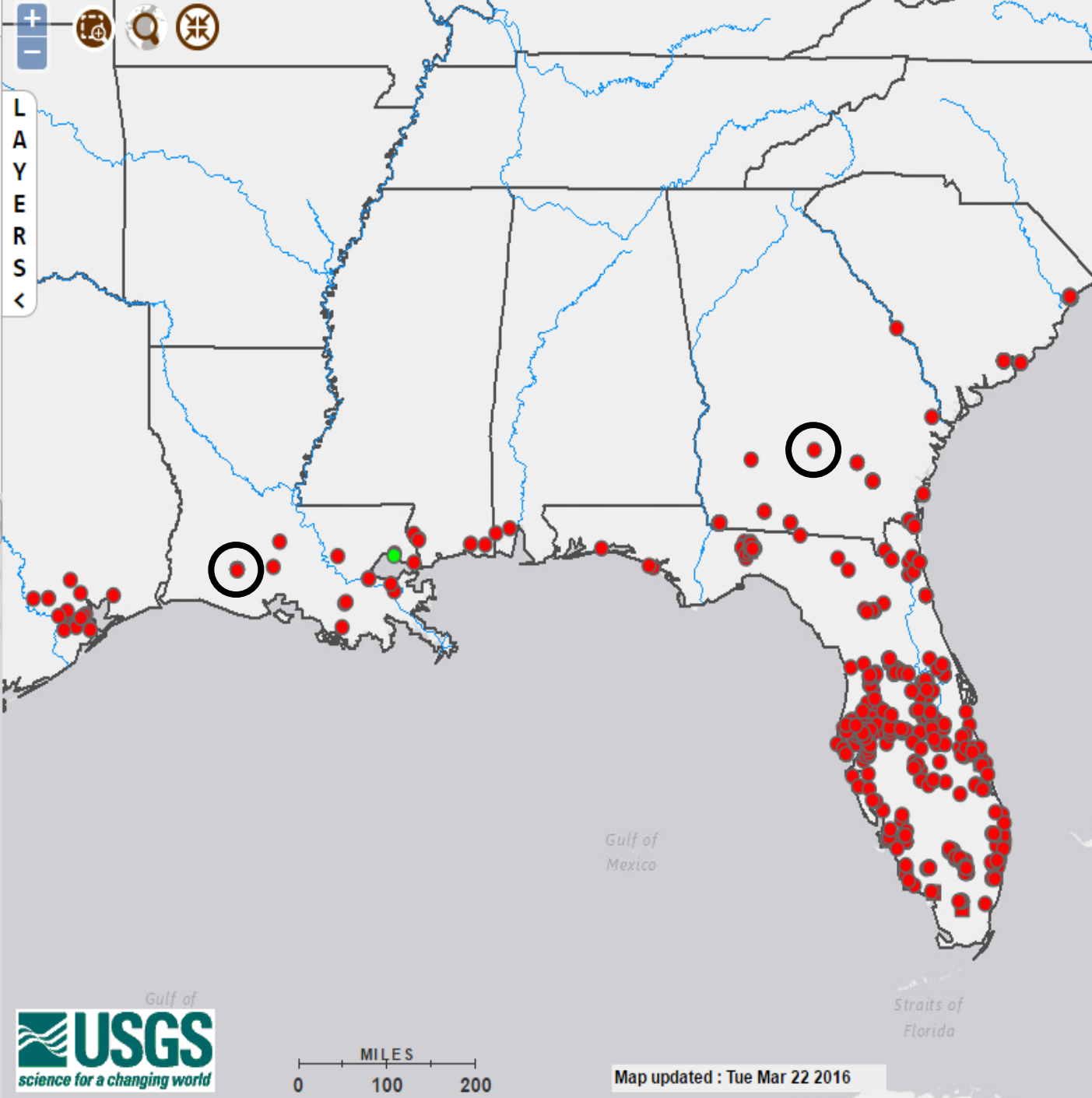
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Species Observations

Reference Layers

Background



▼ Species

Bighead Carp




Hypophthalmichthys nobilis

Fishes

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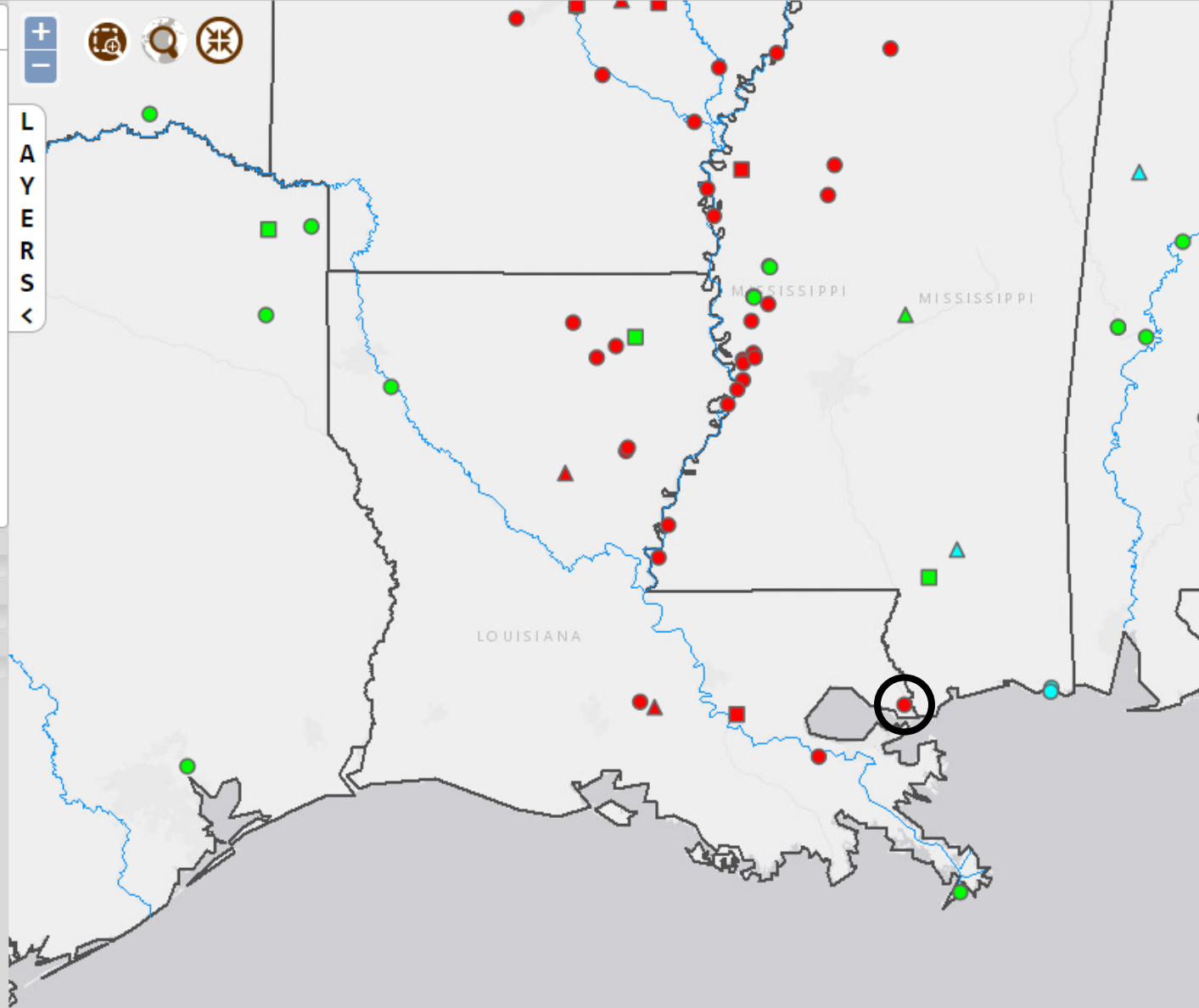
► Species Observations

► Reference Layers

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Silver Carp



Hypophthalmichthys molitrix
Fishes
Exotic

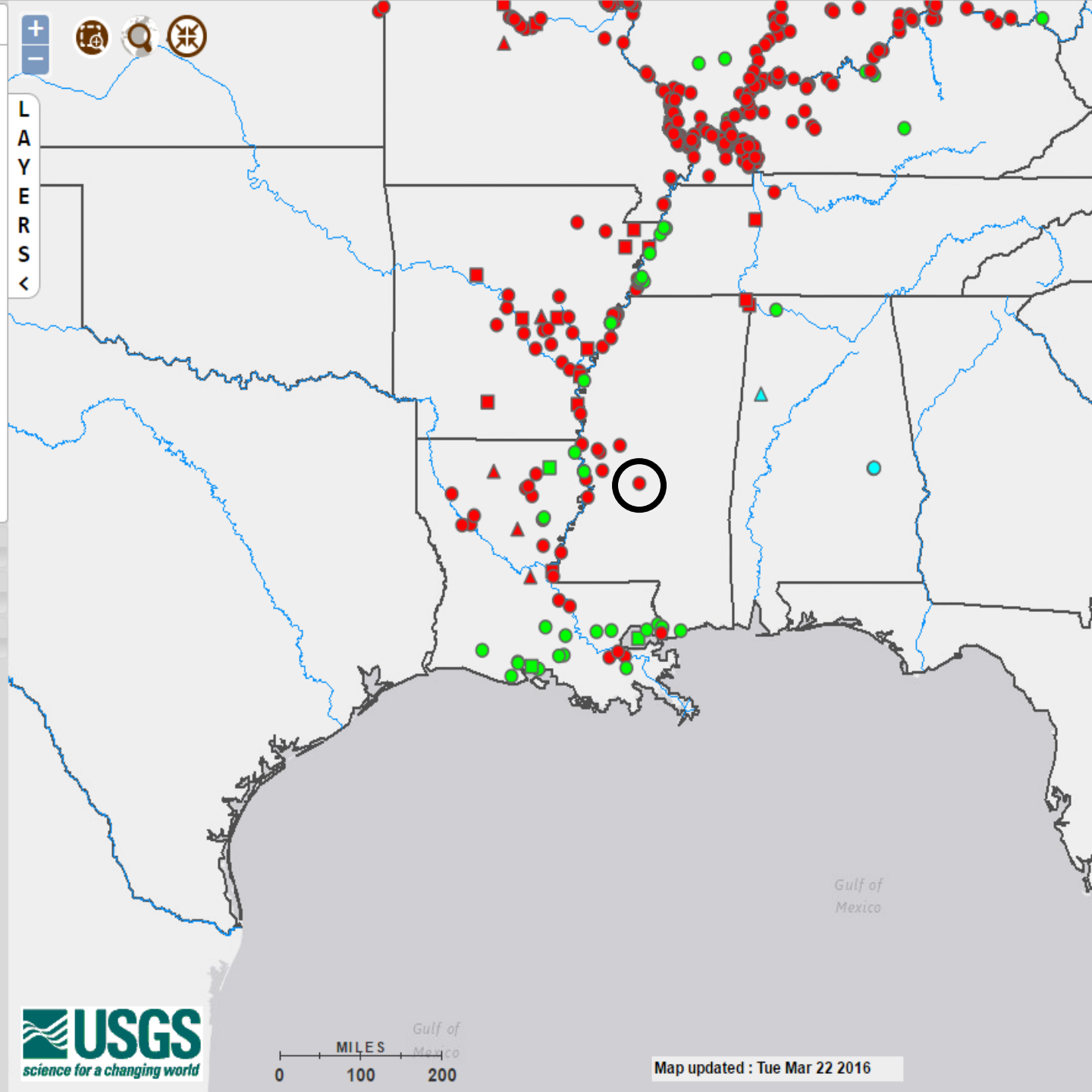
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Green Anaconda



Eunectes murinus

Reptiles-Snakes

Exotic

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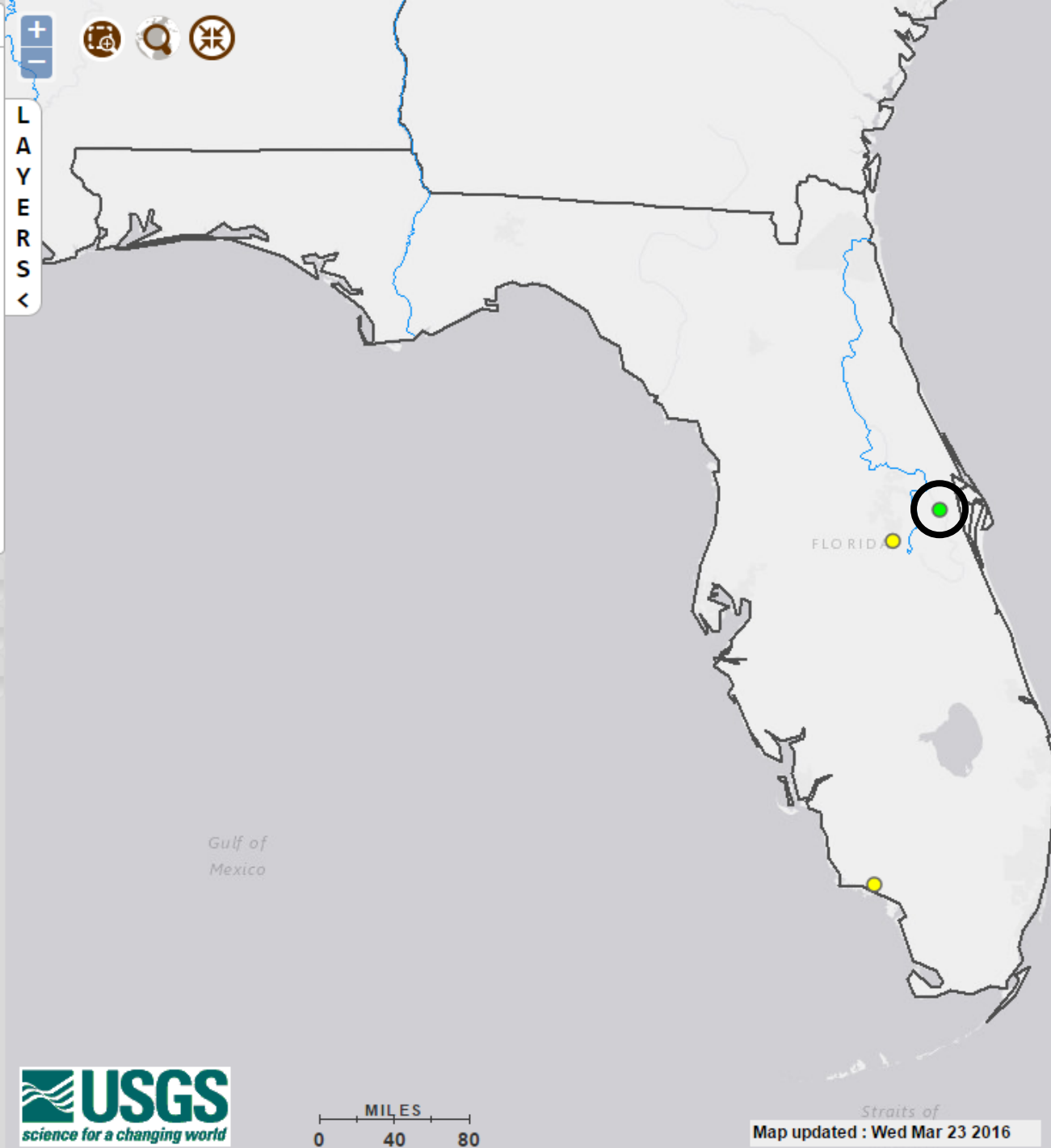
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zebra mussel




Dreissena polymorpha

Mollusks-Bivalves

Exotic

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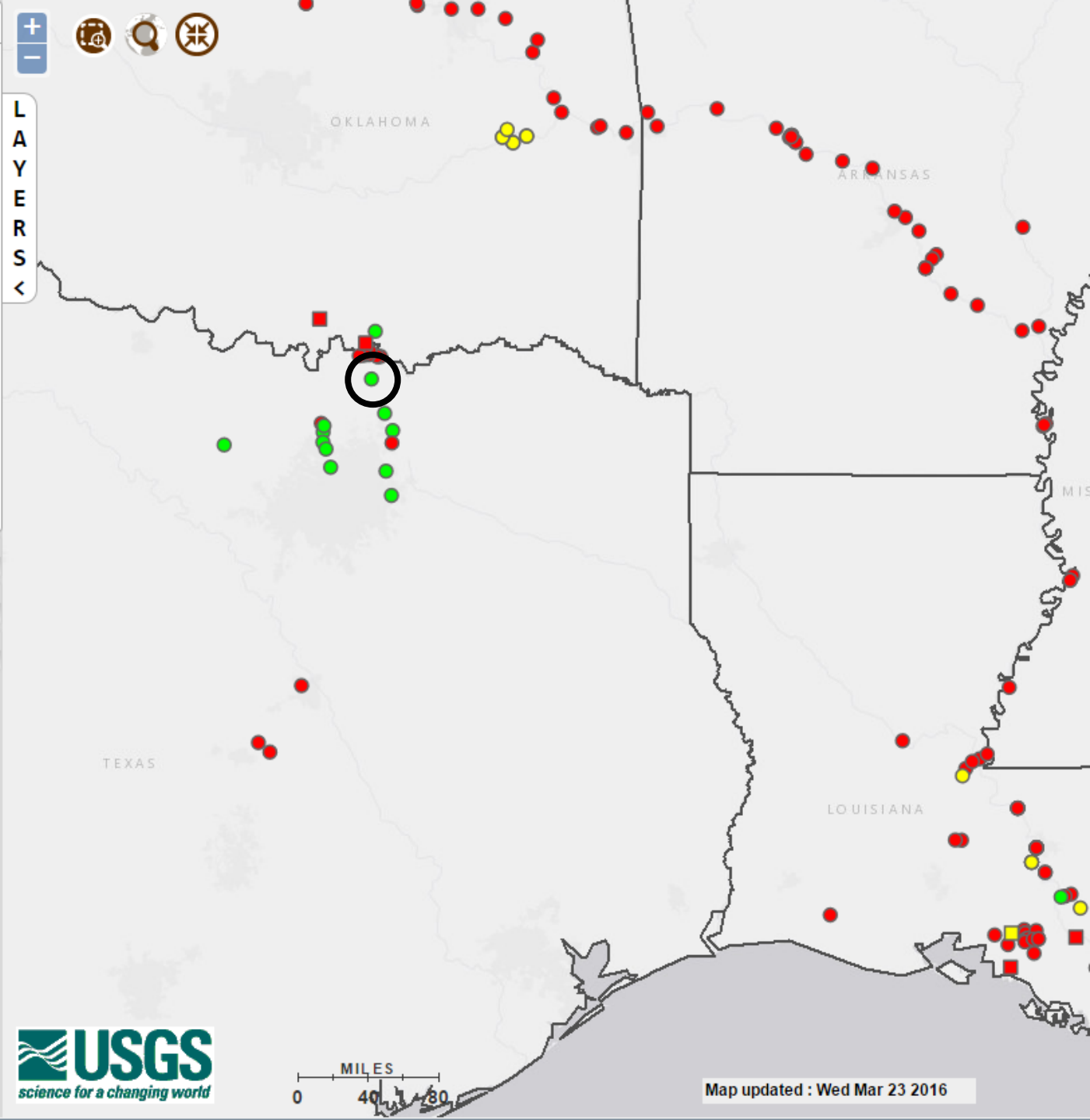
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OUTSIDE GSARP

Silver Carp





Hypophthalmichthys molitrix

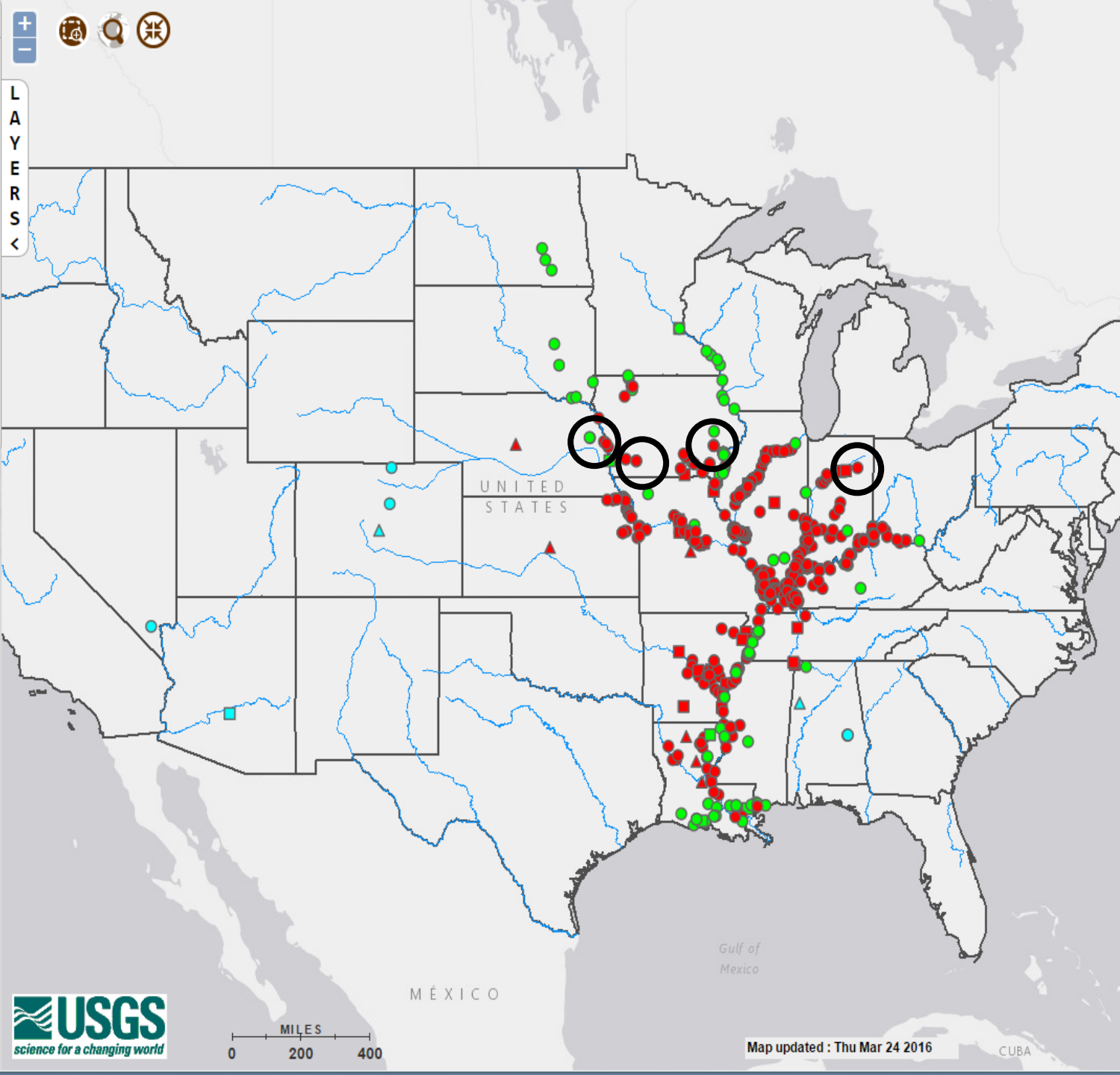
Fishes

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Bighead Carp



Hypophthalmichthys nobilis

Fishes

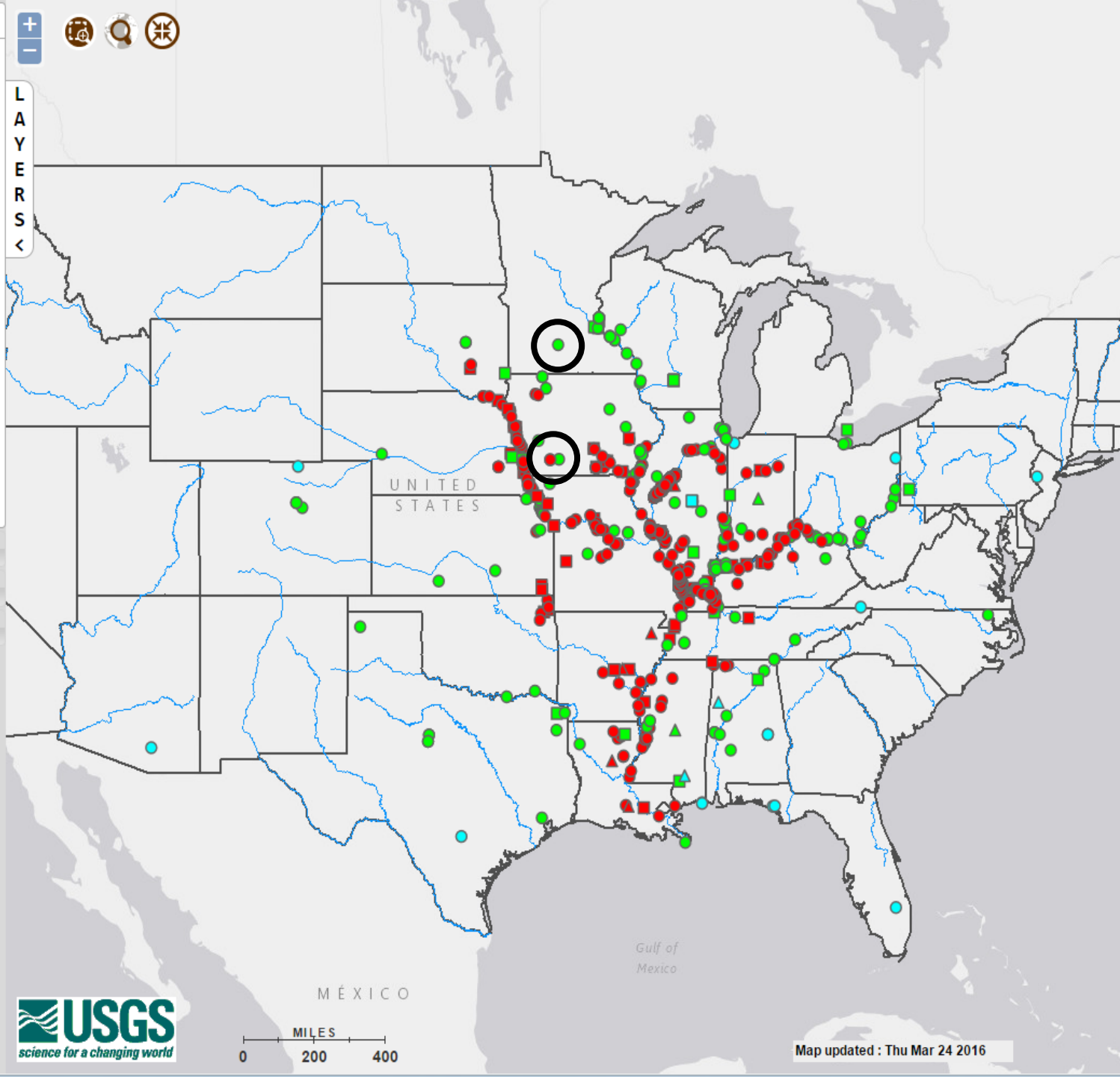
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zebra mussel



Dreissena polymorpha
Mollusks-Bivalves
Exotic

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