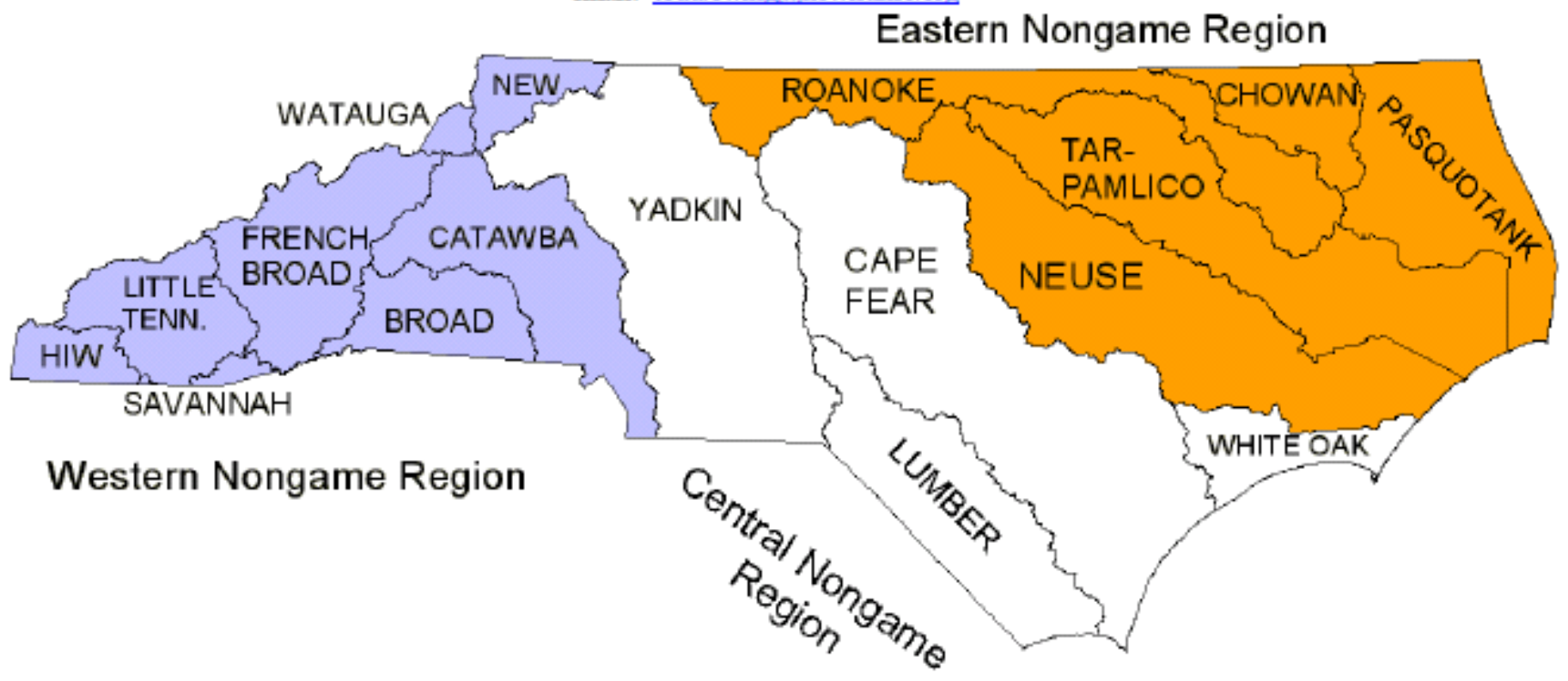


# Aquatic State Listed Species in the APNEP Region





# Aquatic State Listed Species in the APNEP Area

- Four federally-listed species (2 fish, 2 mussels)
- 17 state-listed (4 fish, 11 mussels, 2 crayfish)
- 4 species proposed for state listing (2 fish, 1 mussel, 1 snail)
- Several other species are considered “significantly rare” by the NHP

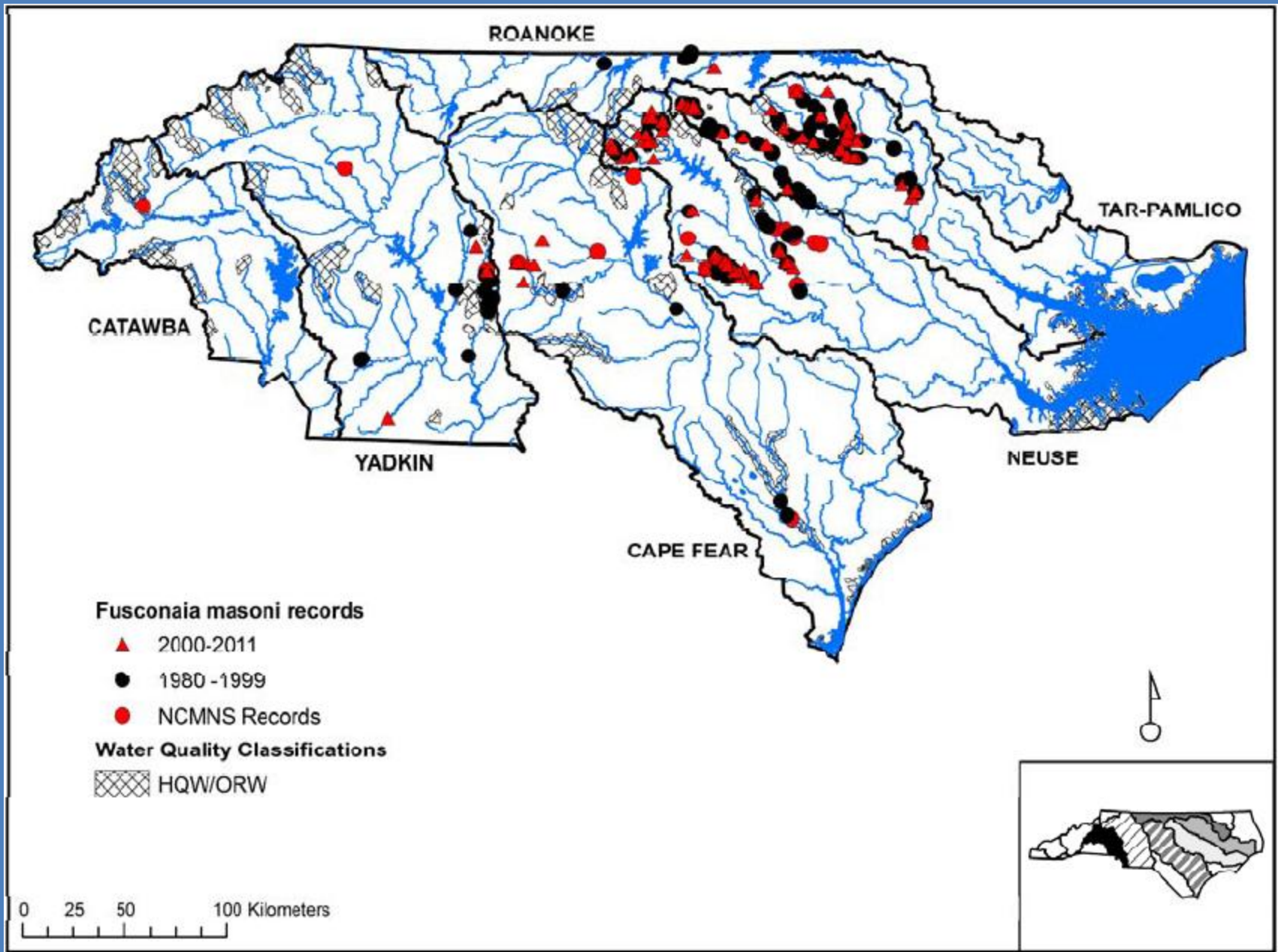
# Atlantic pigtoe

## *Fusconia masoni*

- Status: Endangered
- Part of CBD petition for federal listing
- found in the Cape Fear, Catawba, Neuse, Roanoke, Tar, and Yadkin-Pee Dee River basins in Piedmont and coastal plain of North Carolina



# Atlantic pigtoe collections in NC



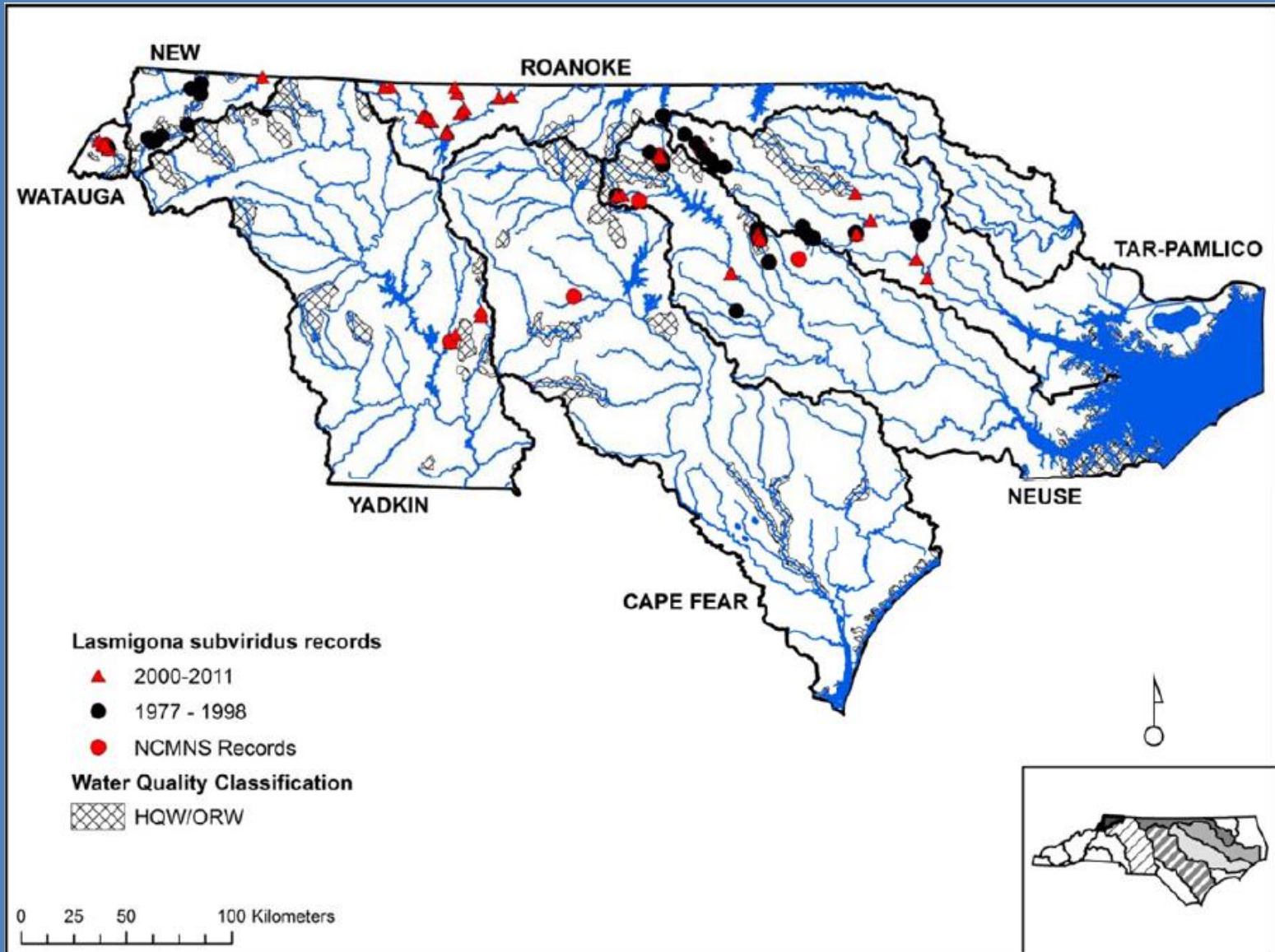
green floater

*Lasmigona subviridis*

- Current status: state endangered
- Part of CBD petition for federal listing



# green floater collections in NC



# bridle shiner

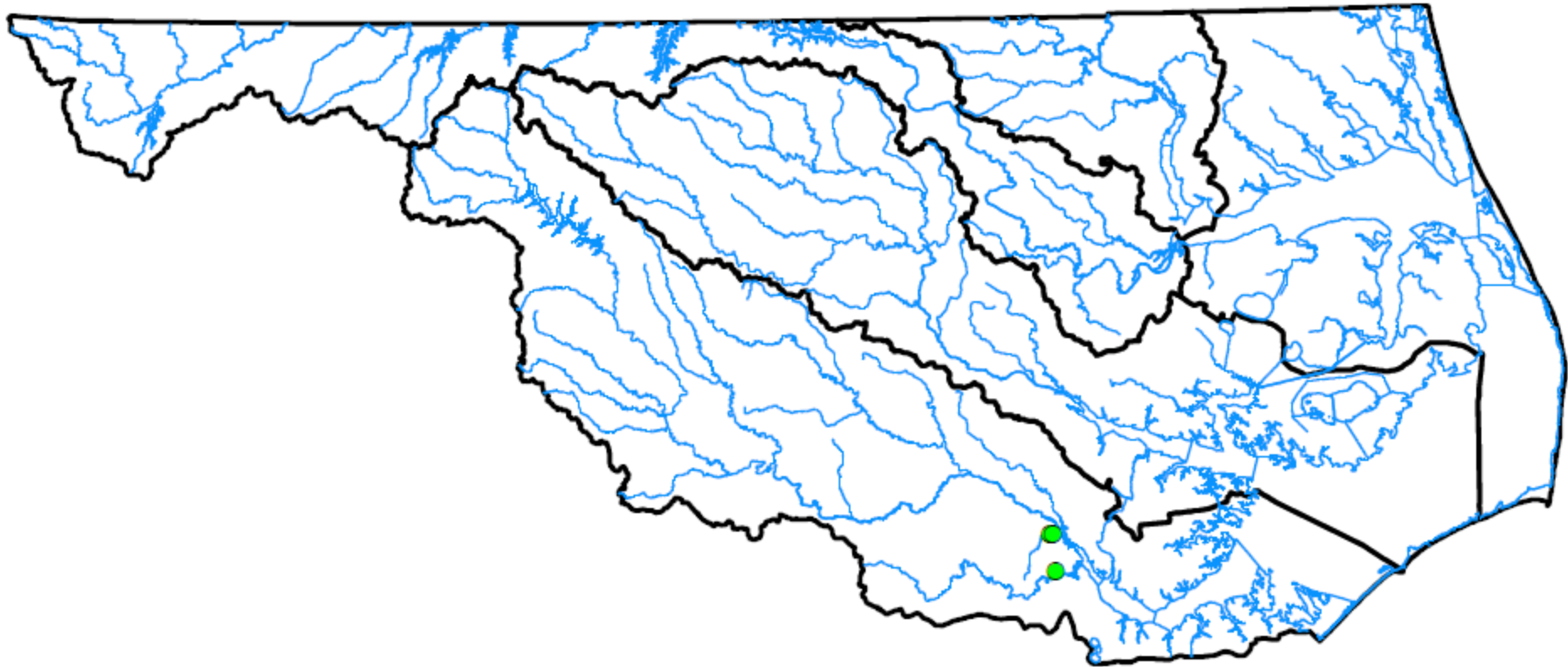
## *Notropis bifrenatus*

- Current status: State Endangered
- Found in lower Neuse basin in deep, vegetated creeks





# bridle shiner collections in NC



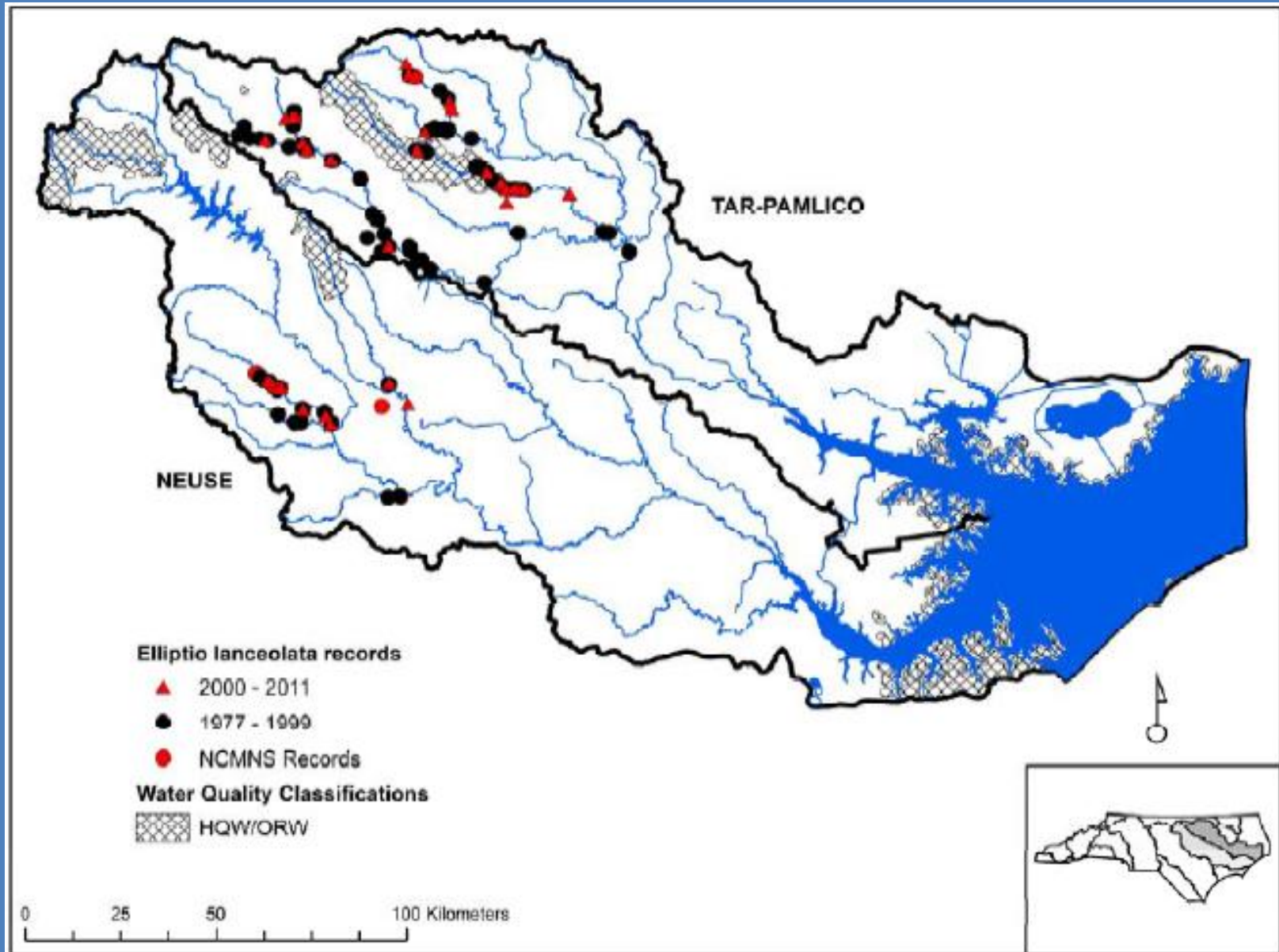
# yellow lance

## *Elliptio lanceolata*

- Current status: Endangered
- Part of CBD petition for federal listing



# yellow lance collections in NC



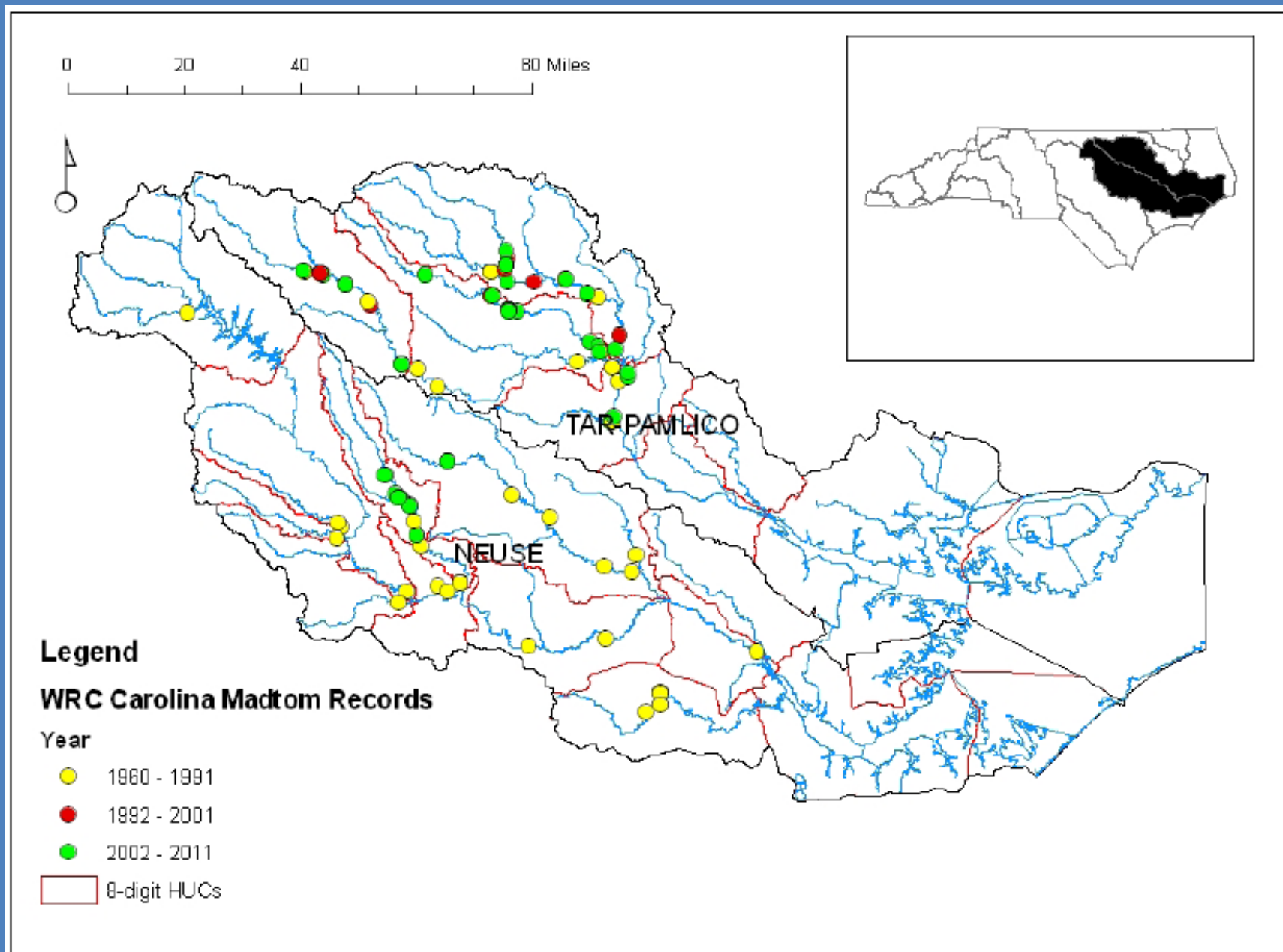
# Carolina madtom

## *Noturus furiosus*

- Status: Threatened
- Part of CBD petition for federal listing
- Endemic to Neuse and Tar River basins



# Carolina madtom collections in NC



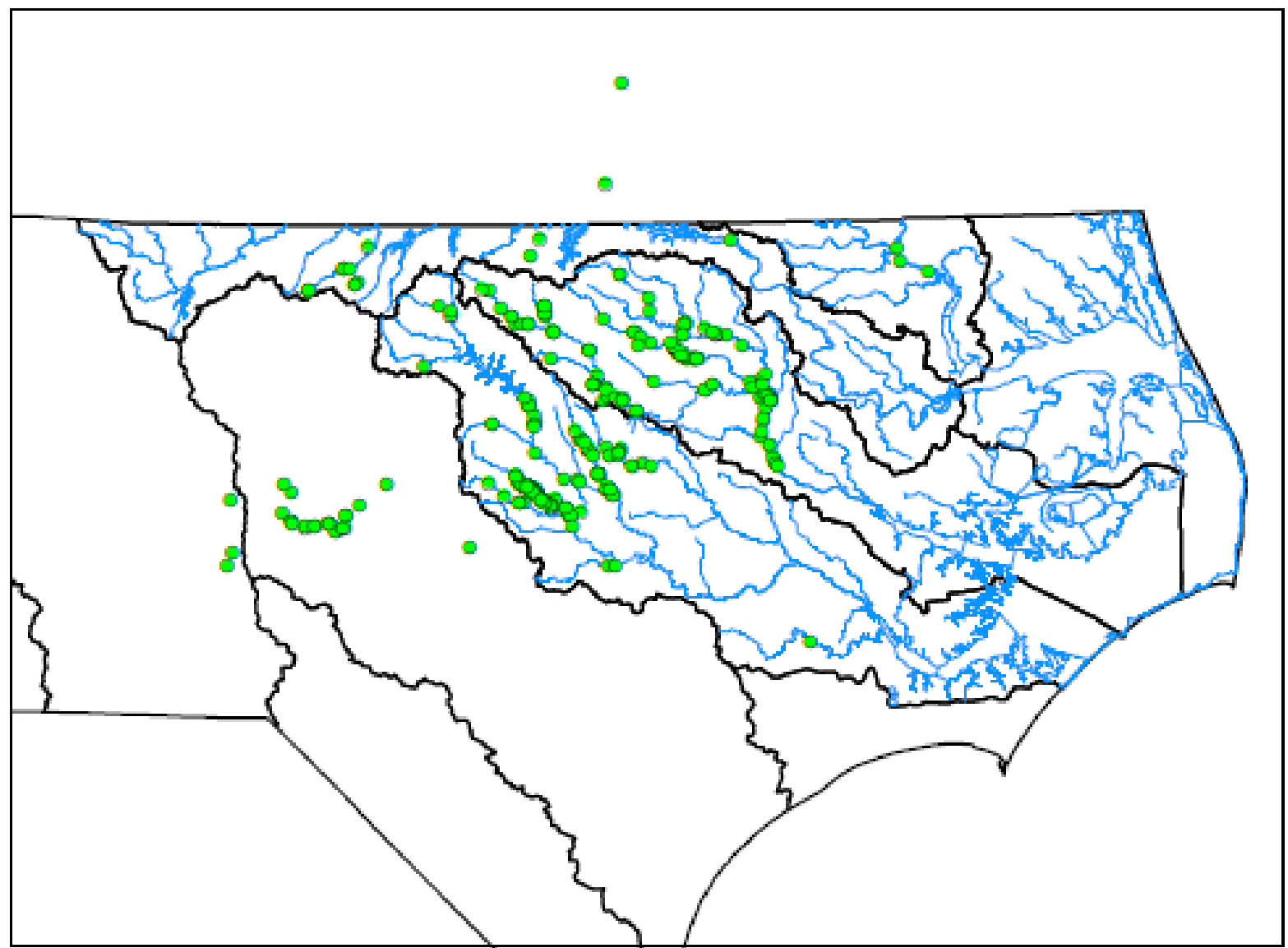
triangle floater

*Alasmidonta undulatus*

- Current status: Threatened
- Proposed status: Endangered



# Triangle floater collections in NC



# Chameleon lampmussel

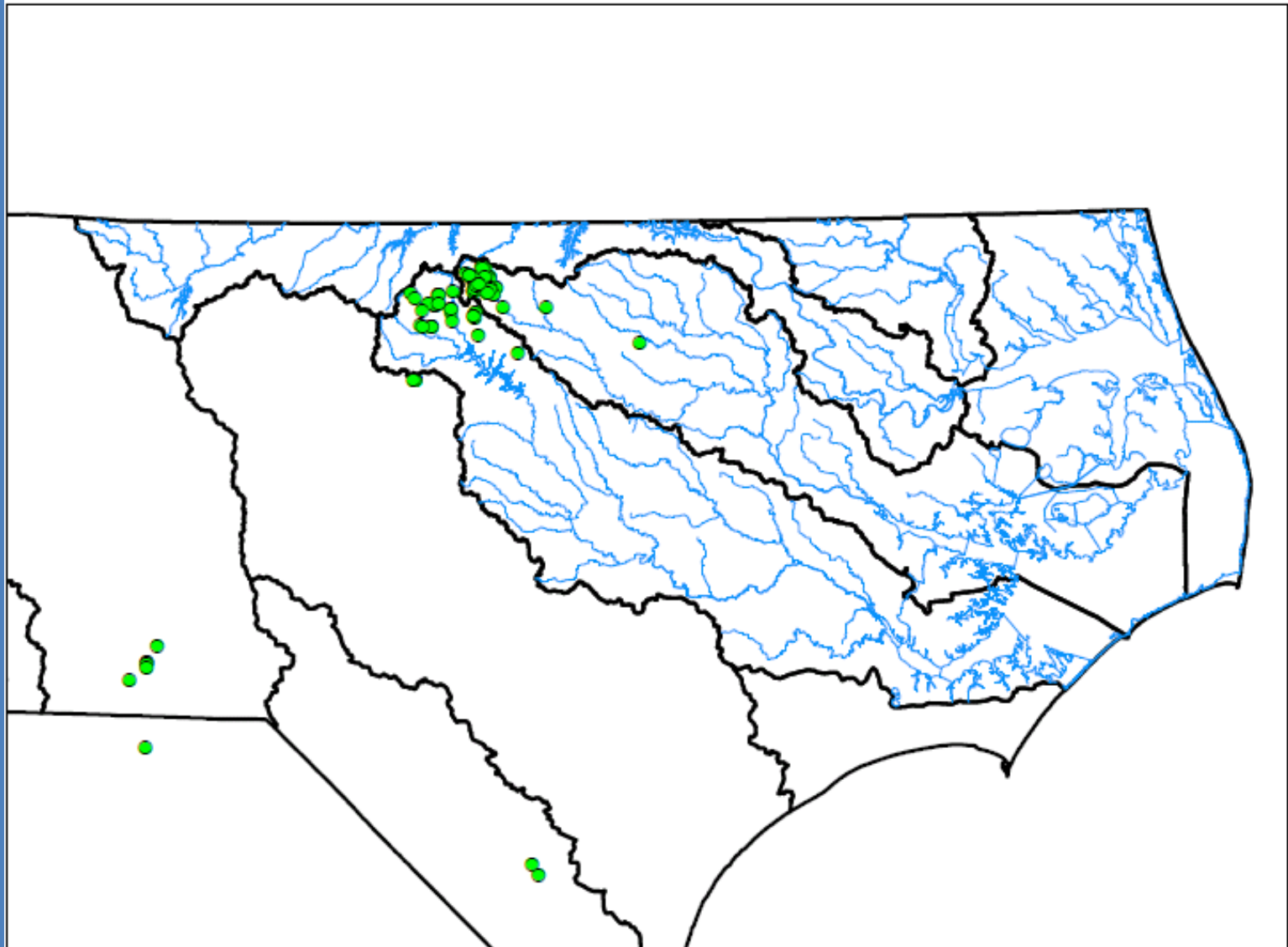
## *Lampsilis sp.*

- Current status: Not listed
- Proposed Status: Threatened





# Chameleon lampmussel collections in NC



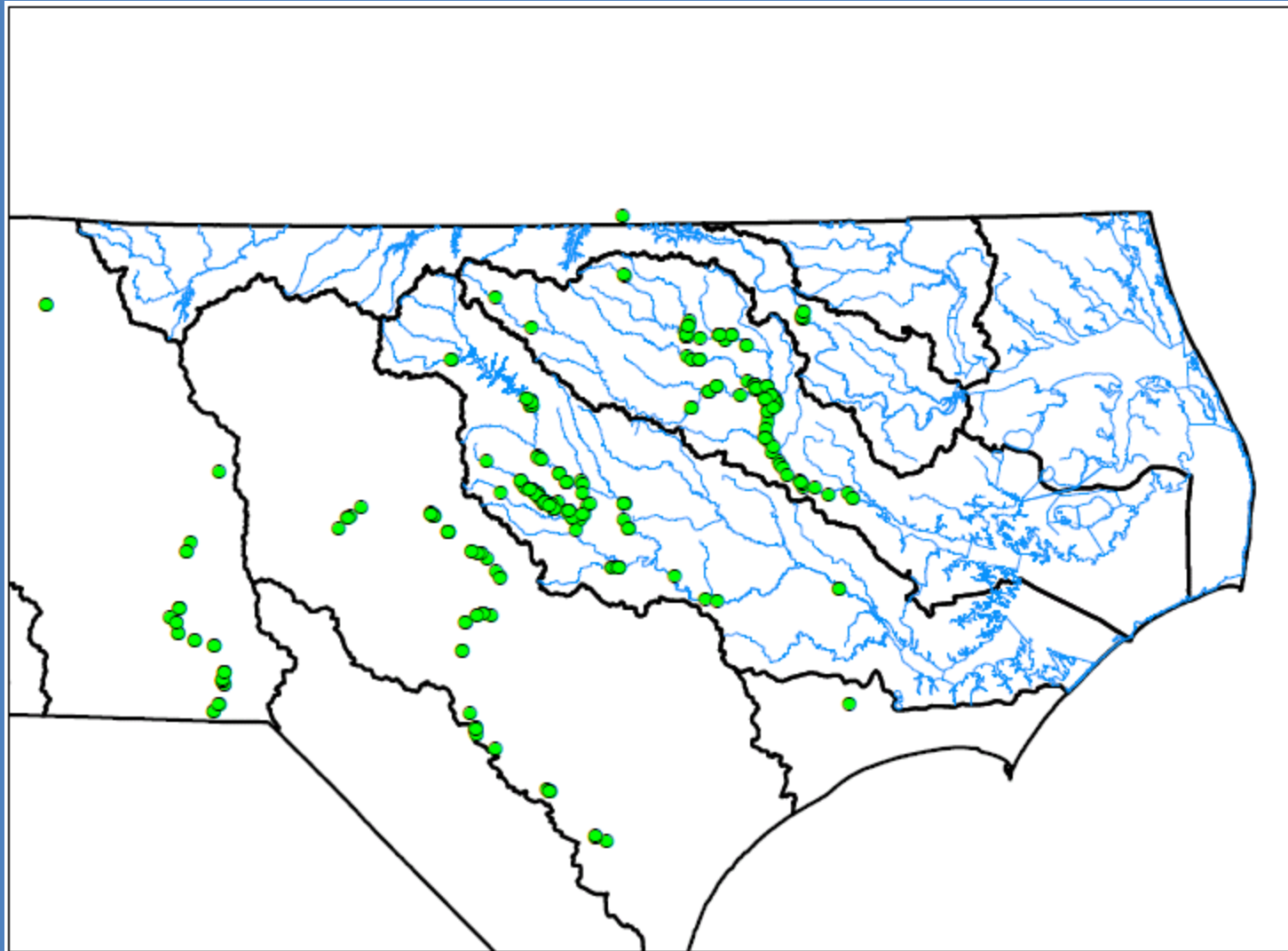
# Roanoke slabshell

## *Elliptio roanokensis*

- Current Status: Threatened
- Proposed Status: Special Concern



# Roanoke slabshell collections in NC



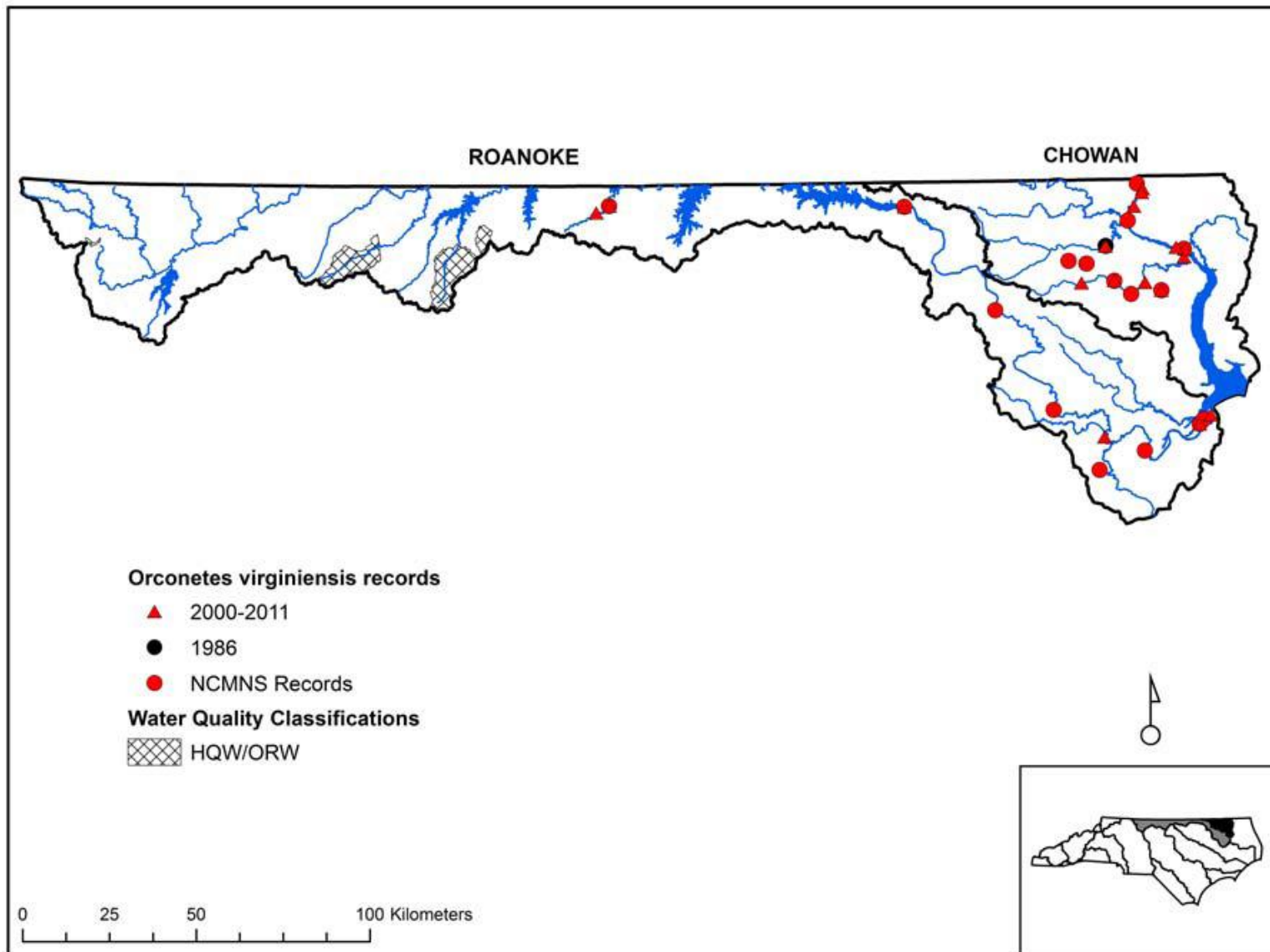
# Chowanoke crayfish

## *Orconectes virginensis*

- Current status: Special Concern
- Part of CBD petition for federal listing
- Found in Roanoke and Chowan basins in NC and VA



# Chowanoke crayfish collections in NC

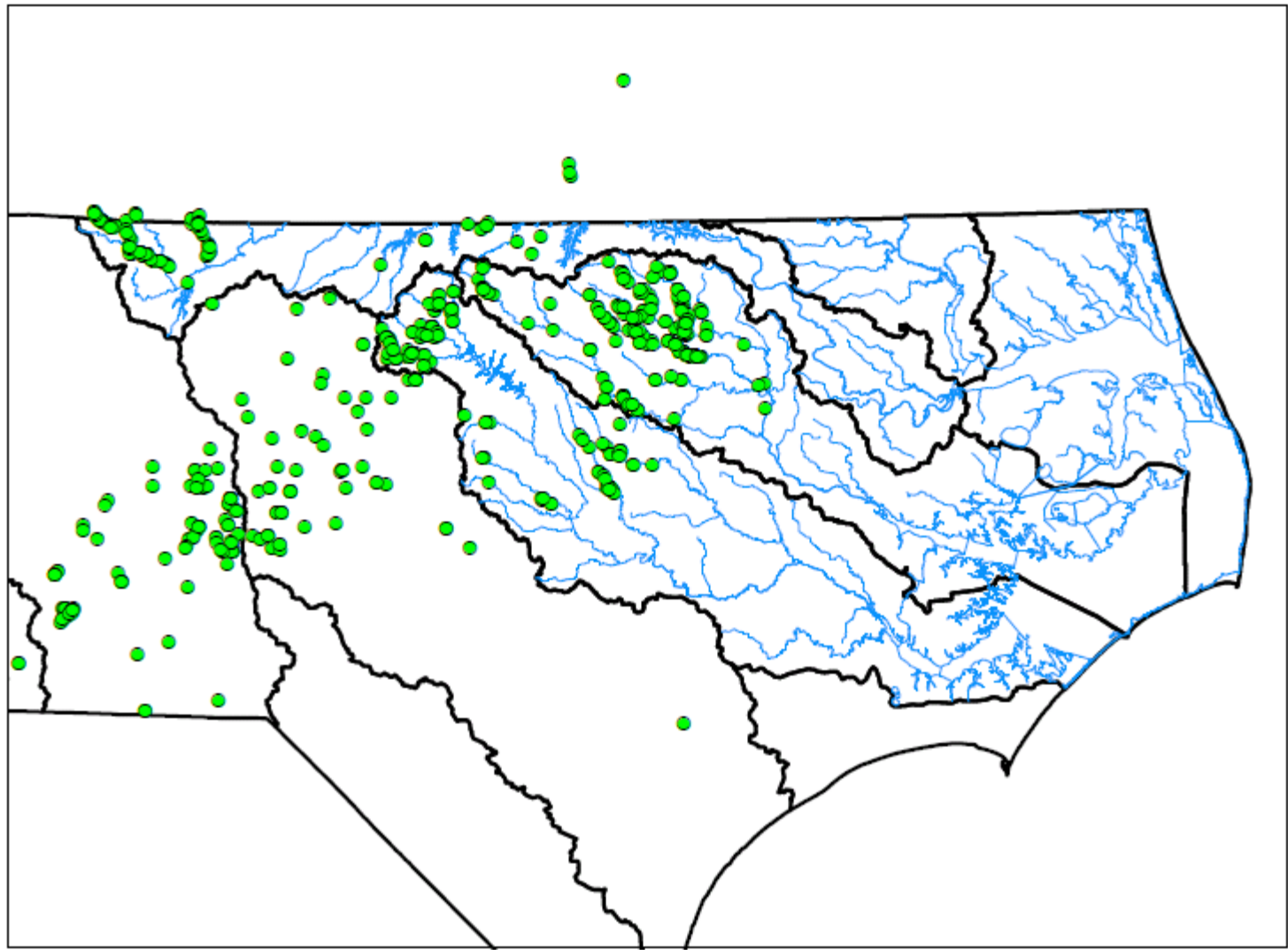


# Notched rainbow *Villosa constricta*

- Current status: Special Concern
- Proposed status: Threatened



# Notched rainbow collections in NC



# mimic shiner

## *Notropis volucellus*

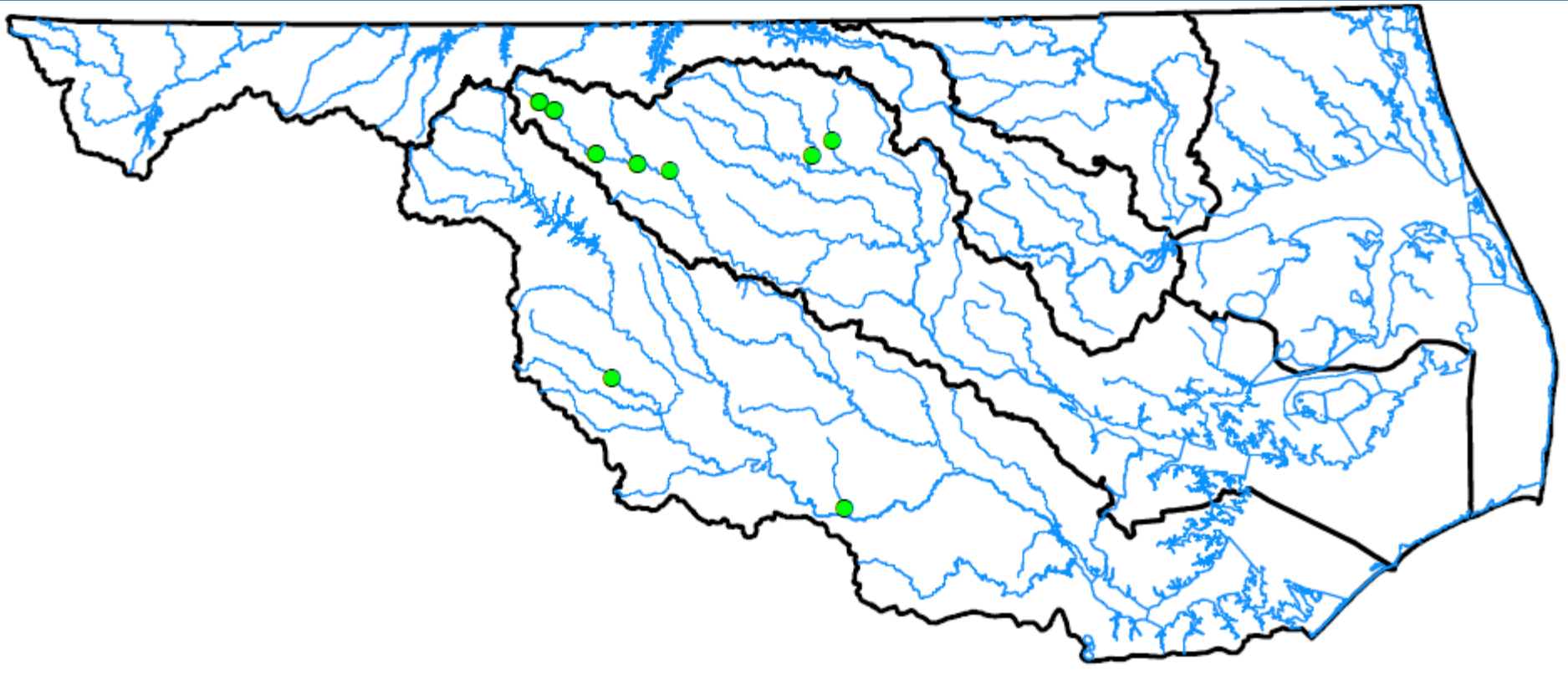
- Current Status: Not listed
- Proposed Status: Special Concern
- In NC, found in the Neuse and Tar River basins



Uland Thomas



# mimic shiner collections in NC



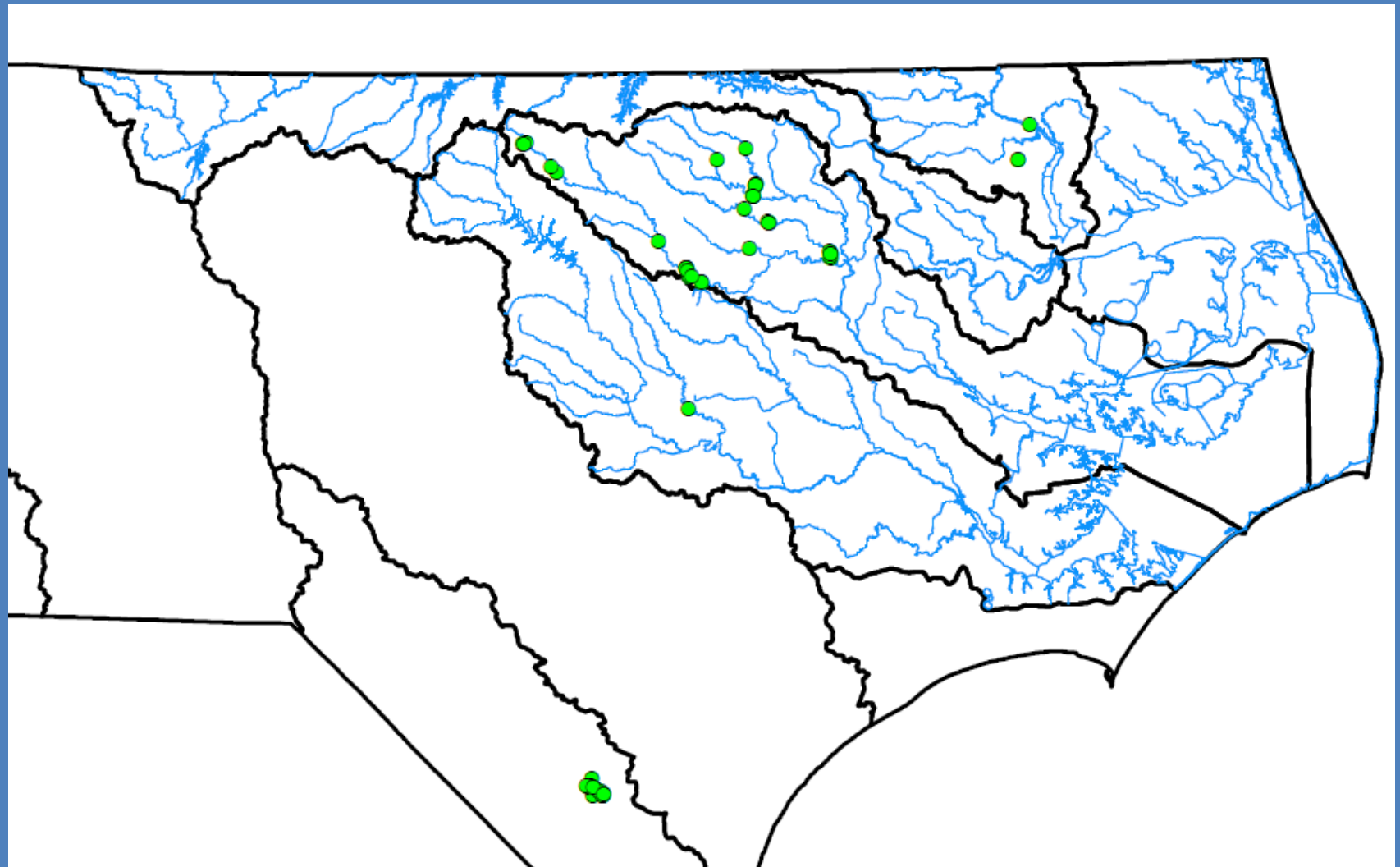
# Ridged lioplax

## *Lioplax subcarnata*

- Current status: not listed
- Proposed status: special concern (threatened)



# Ridged lioplax collections in NC




# American eel

- Current status: Not listed
- Proposed status: None
- Petitioned for federal listing









# Recent American eel collections by NCDWQ

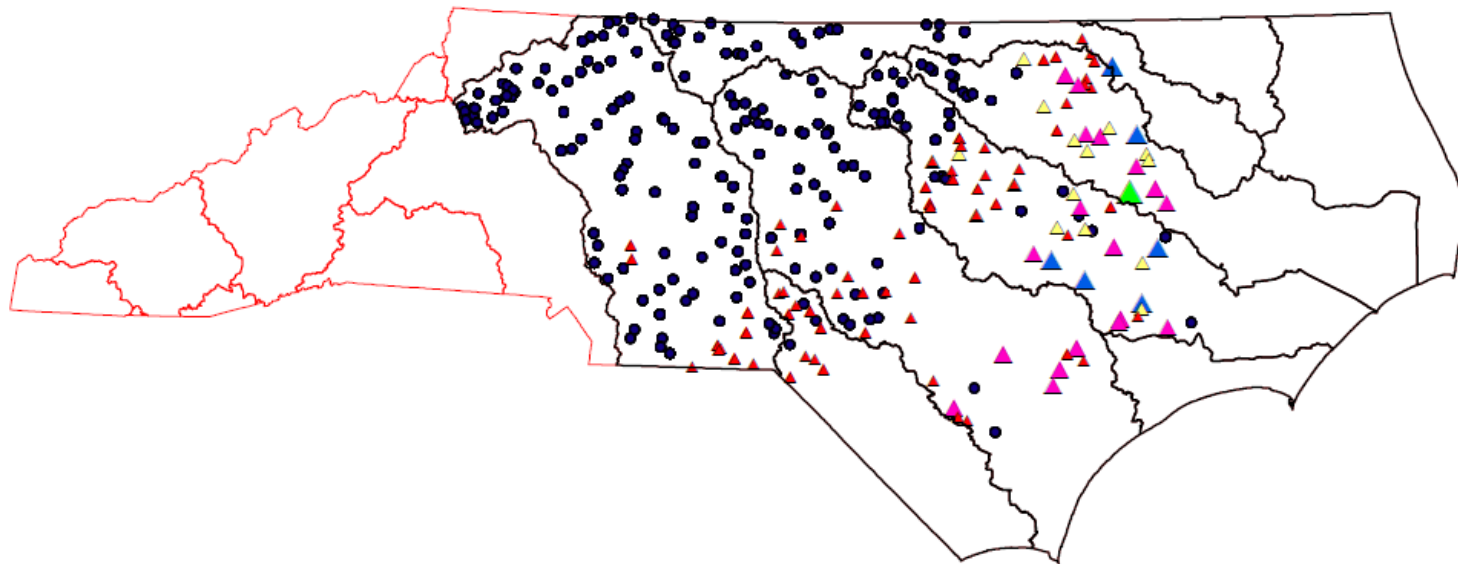
## Legend

 Coastal River Basins

DWQ American eel Collections 2005-2011

### Number Collected

-  1-10
-  11-25
-  26-50
-  51-100
-  101-150
-  No American eel collected



# Questions/Comments?

- Rob Nichols – Eastern Region AWD Coordinator 919-896-6264 or [rob.nichols@ncwildlife.org](mailto:rob.nichols@ncwildlife.org)
- Tyler Black – Eastern AWD Biologist 919-528-9886 x 4 or [tyler.black@ncwildlife.org](mailto:tyler.black@ncwildlife.org)