

Pond Loach Distribution Update

By the Ohio EPA
Division of Surface Water
Ecological Assessment Section



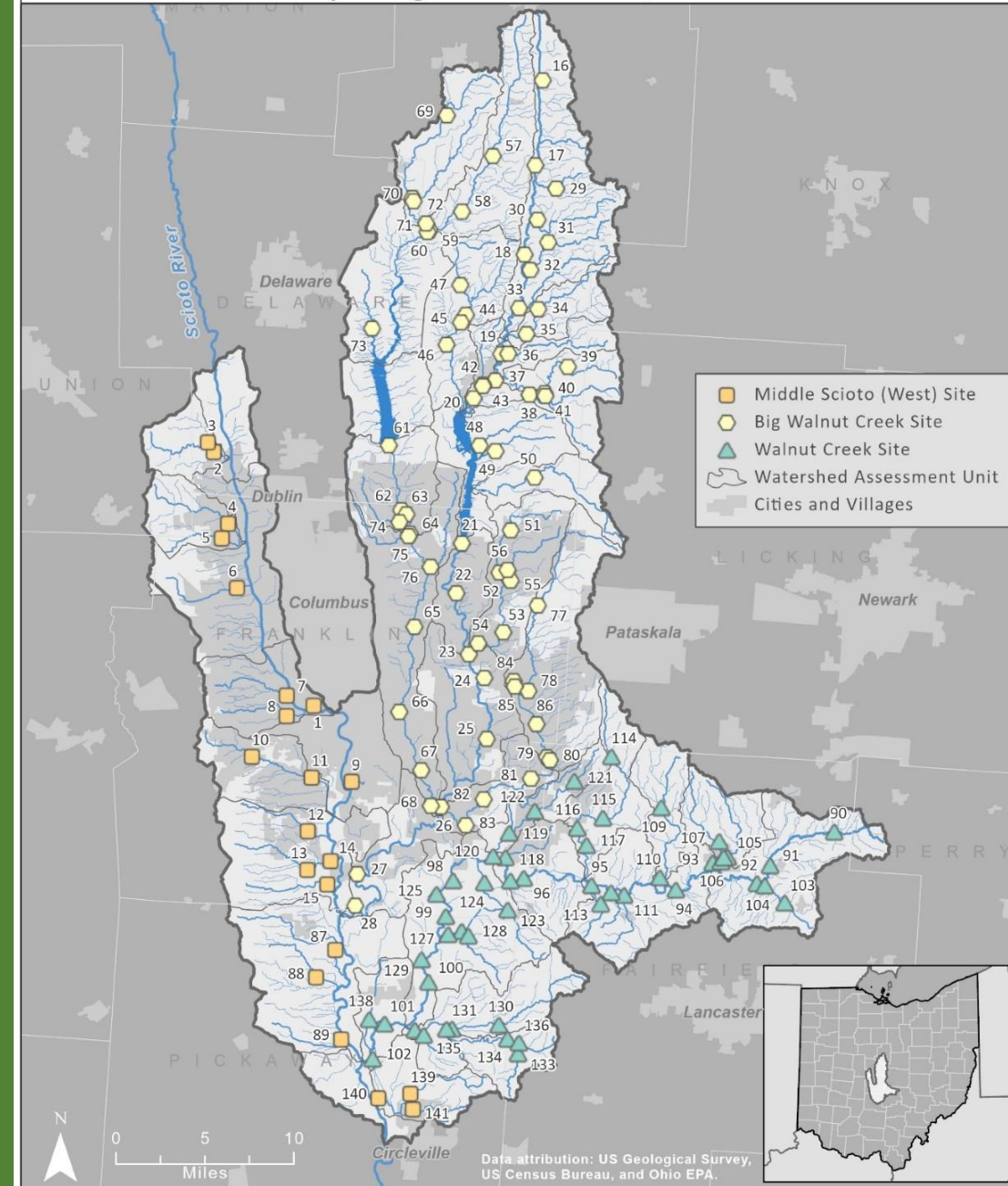
Survey Background

Middle Scioto/Big Walnut/Walnut Creek 2023

- Middle Scioto (Tributaries)
 - 21 Sites
- Big Walnut Creek
 - 70 Sites
- Walnut Creek
 - 49 Sites

Sampling conducted as part of our statewide routine water quality monitoring program.

Middle Scioto River Watershed Sampling Locations, 2023



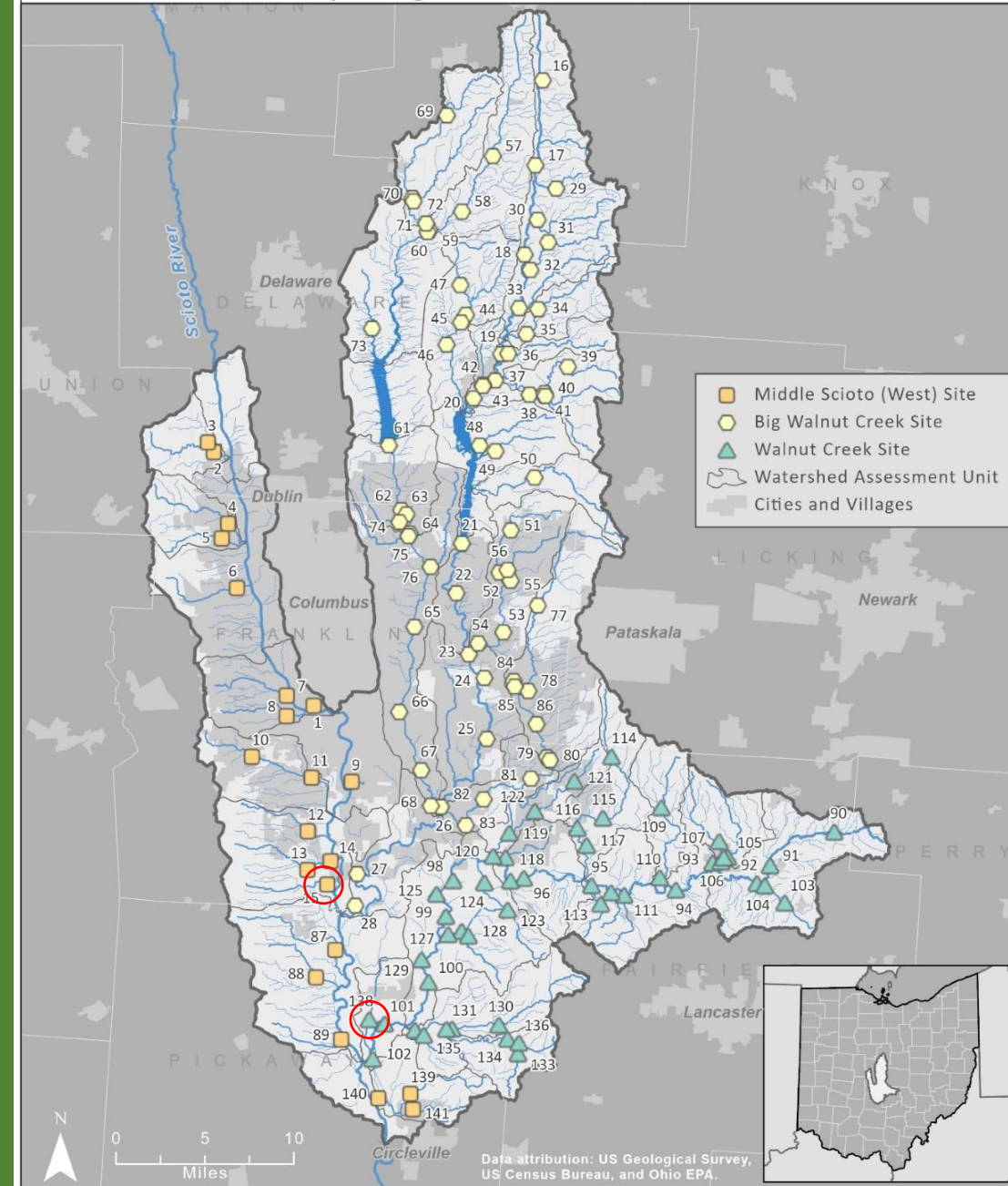
Pond Loach Collections 2023

Pond Loach collected at 2 out of 140
sampling locations.

Plum Run (RM 0.72) at Jackson Pike.
- 8 Individuals

Mud Run (RM 2.53) at St. Rd. 316
- 1 Individual

Middle Scioto River Watershed Sampling Locations, 2023



Pond Loach Collections 2023

Plum Run (RM 0.72) at
Jackson Pike.

~7.5 river miles between
original point of
discovery at Mackey
Ford WL Area



Plum Run RM 0.72

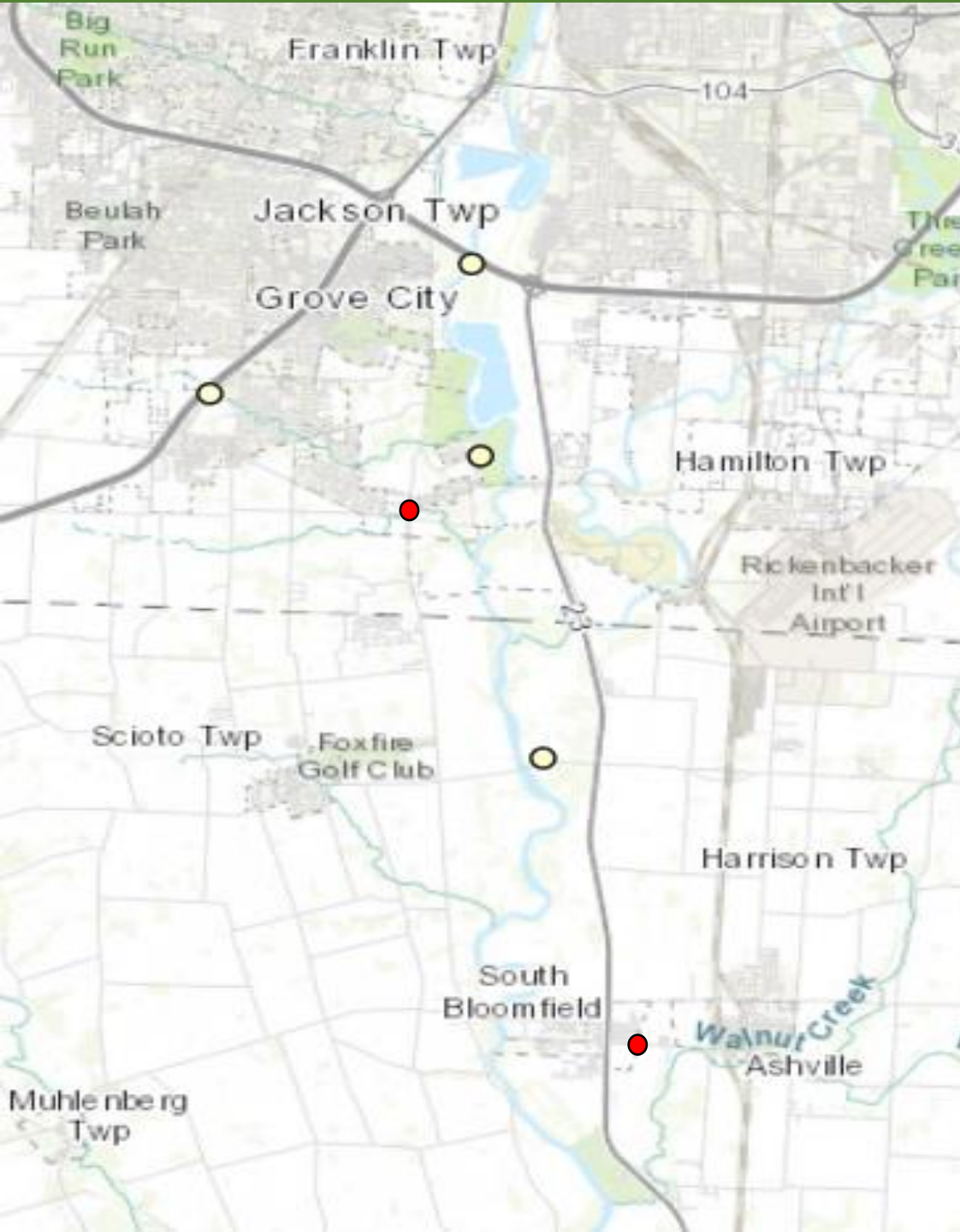
Pond Loach Collections 2023

Mud Run (RM 2.53) at
St. Rd. 316.

~13.16 river miles
between original point
of discovery at Mackey
Ford WL Area



Mud Run RM 2.53



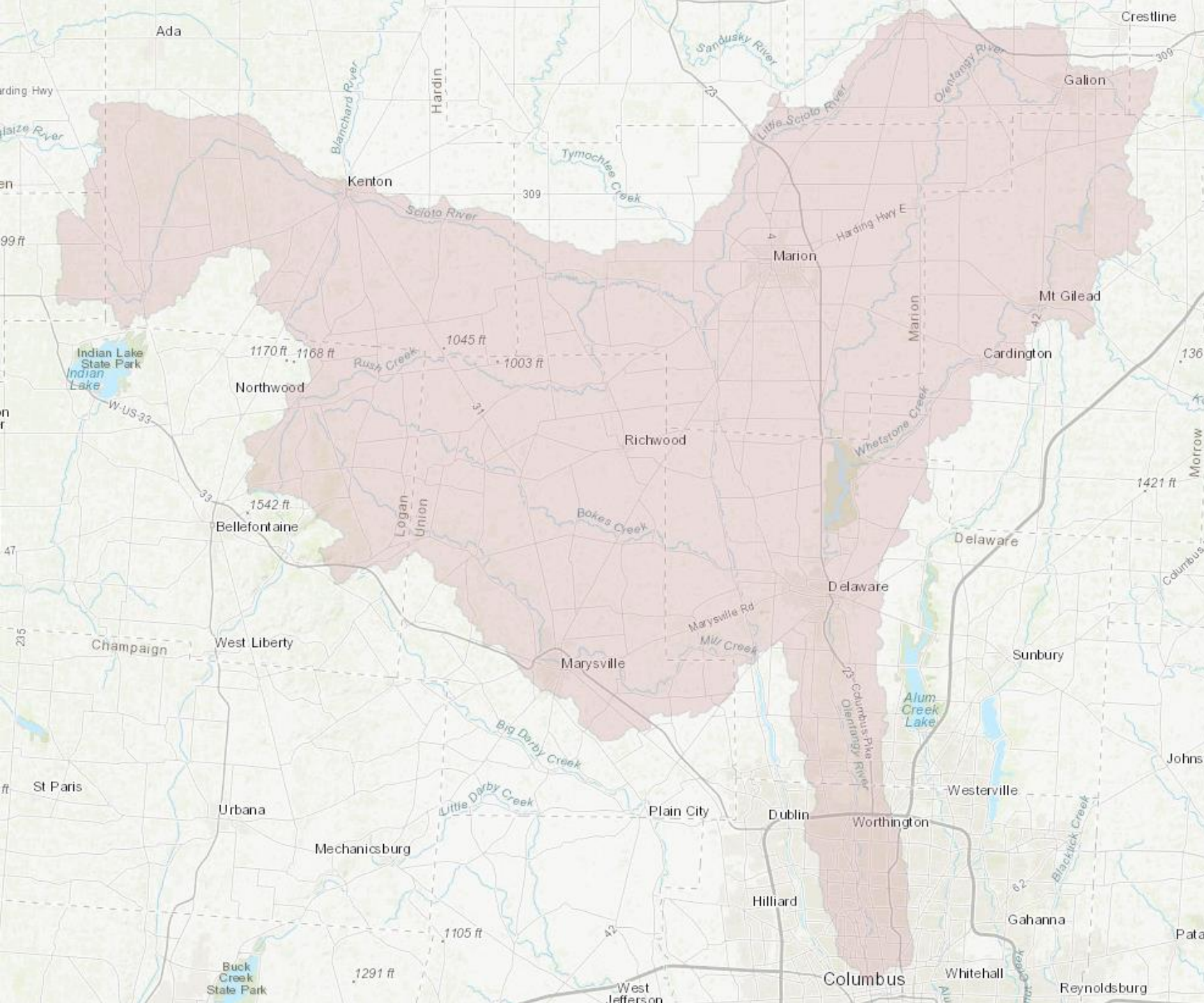
Pond Loach Distribution Update

- Ohio EPA added 2 new locations to the existing 4 in the USGS database.
- There are 6 official records in Ohio, all of which are in Scioto River tributaries downstream of Greenlawn Dam

● Ohio EPA 2023 Records

○ USGS Fish Database

*Map courtesy of USGS



Looking Forward

Upper Scioto / Olentangy / Mill / Bokes Creek Survey slated to take place summer 2024

Continuing our routine statewide monitoring effort.

Will we find the first record in Ohio upstream of Greenlawn dam? Who knows...

Questions?



Grant Run RM 0.8



Additional Resources

- https://senr.osu.edu/sites/senr/files/imce/files/extension_outreach/invasive_species/AIS_Braig/02%20Asian%20Weatherfish%20in%20Ohio-Doug%20Sweet-ODNR%20Division%20of%20Wildlife.pdf

Power point by Doug Sweet highlighting the initial discovery of Pond Loach in Ohio and a whole myriad of loach related facts.