Oneida Lake Telemetry Update

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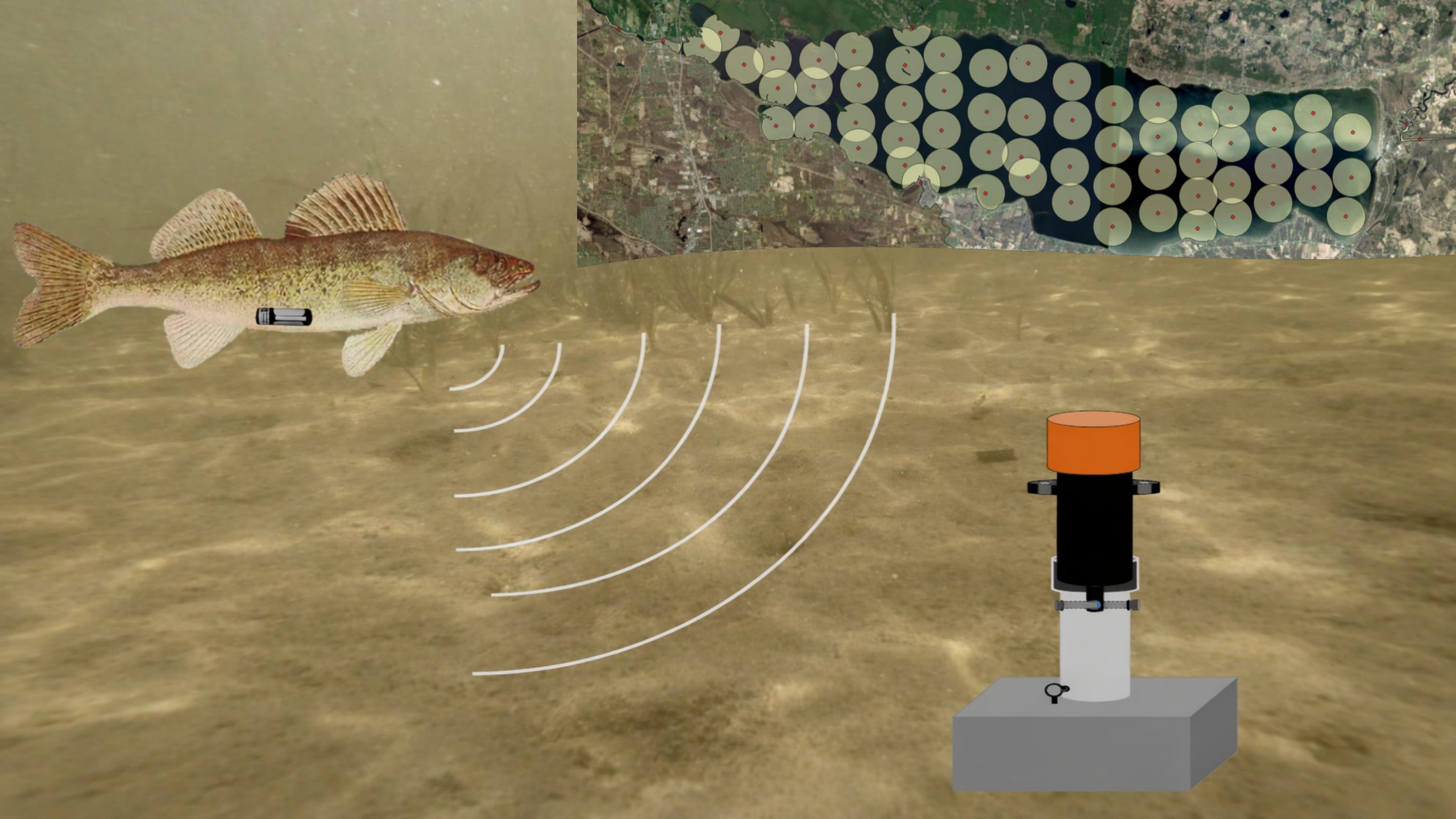
(Funded by NYSDEC)

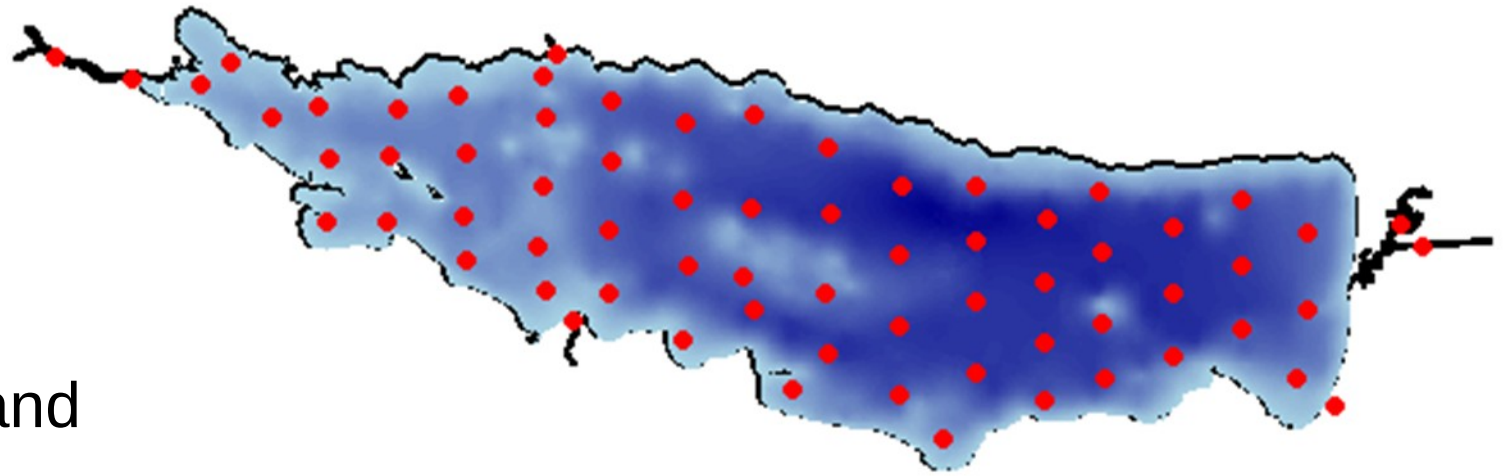
Cornell University

GLATOS Great Lakes Acoustic Telemetry Observation System

NEW YORK STATE Department of Environmental Conservation

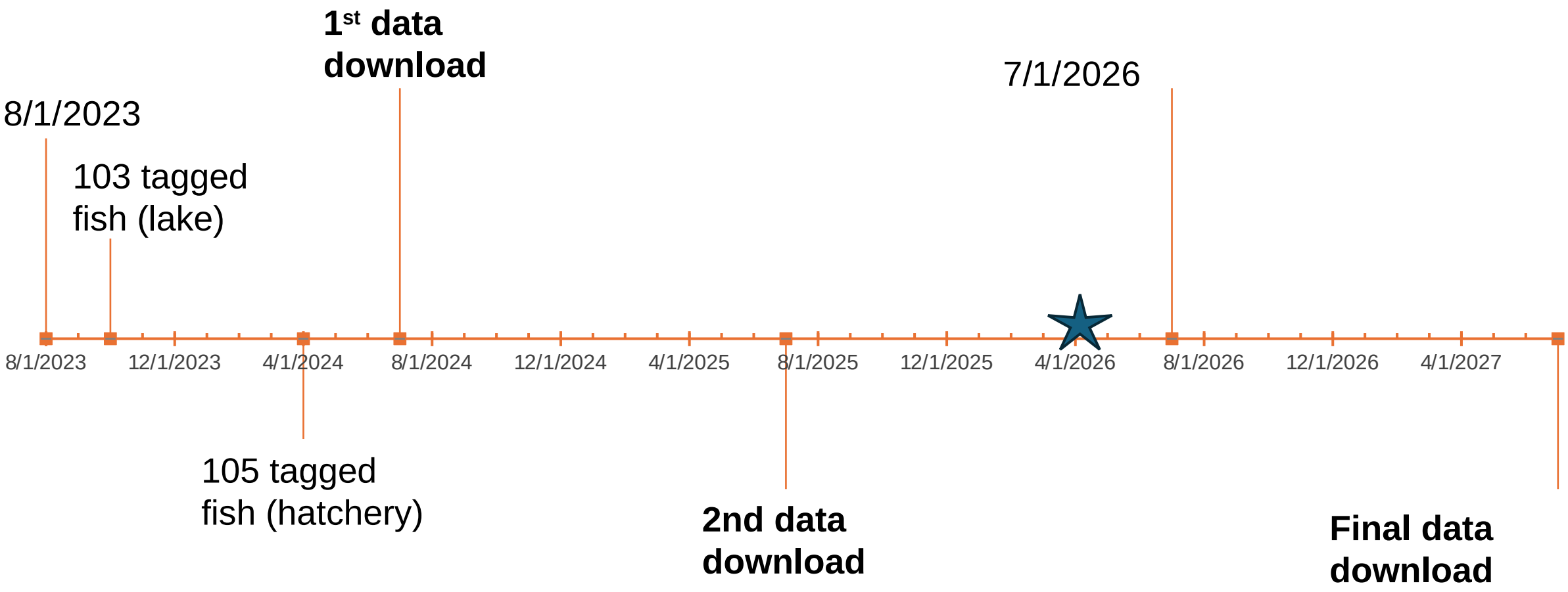


Objectives



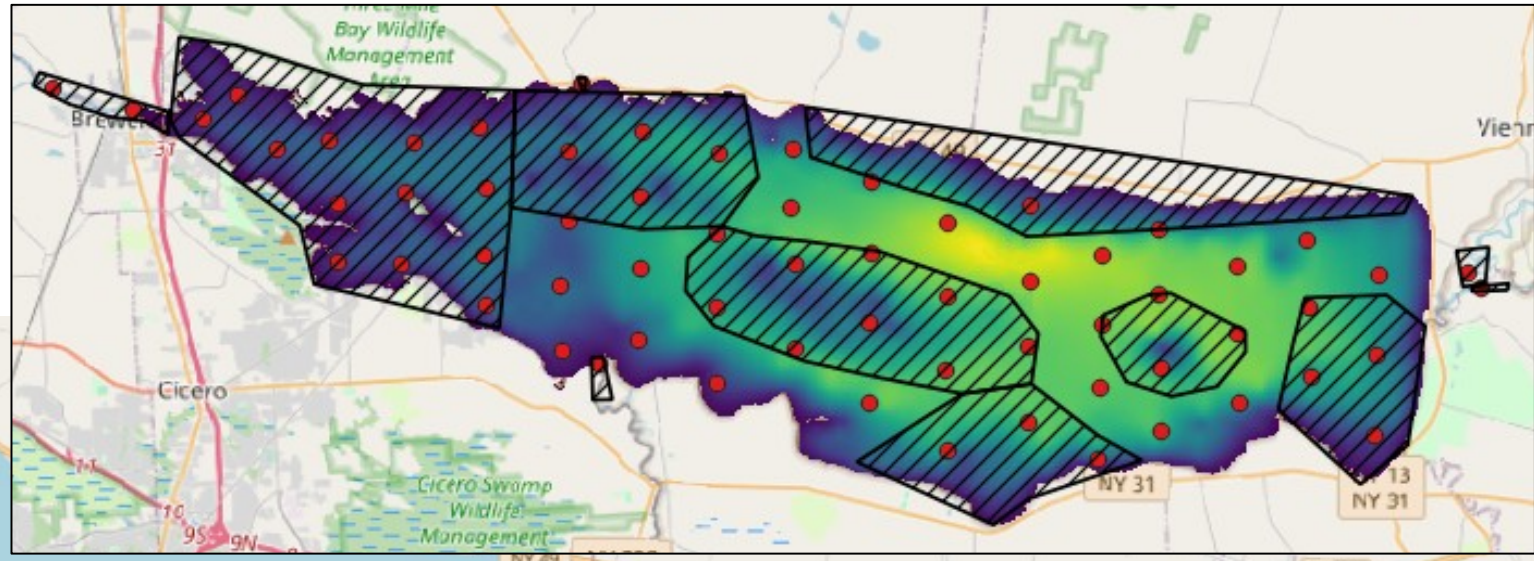
1. Identify walleye spawning sites and determine relative use
2. Determine if walleye exhibit seasonal movement patterns and document habitat use
3. Provide minimum rates of exploitation for adult walleye in Oneida Lake

Timeline


1st data download
8/1/2023
7/1/2026
103 tagged fish (lake)
8/1/2023
12/1/2023
4/1/2024
8/1/2024
12/1/2024
4/1/2025
8/1/2025
12/1/2025
4/1/2026
8/1/2026
12/1/2026
4/1/2027
105 tagged fish (hatchery)
2nd data download
Final data download

Spawning Locations 2024

(85 eligible fish)



19%

68%

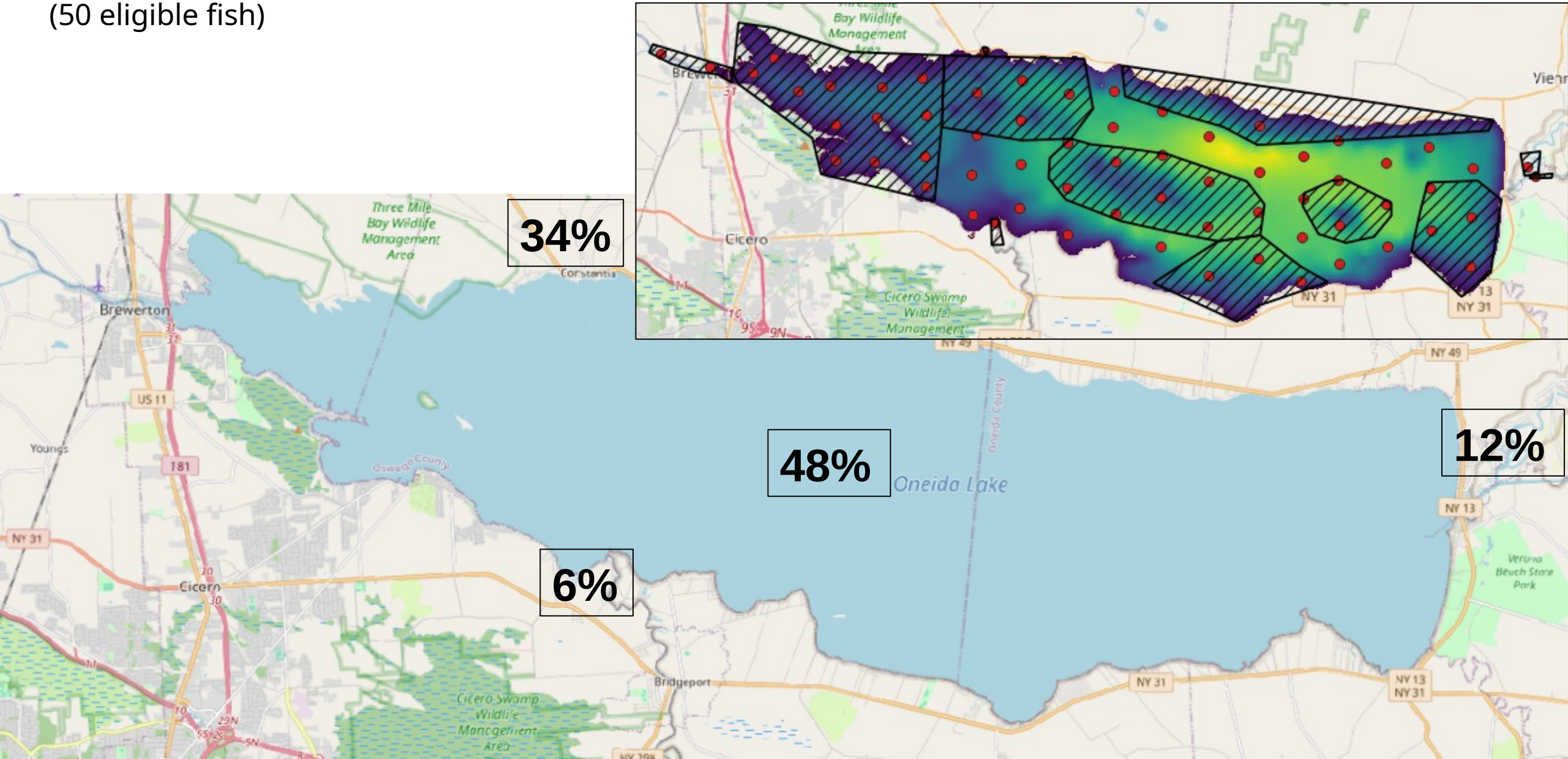
9%

4%

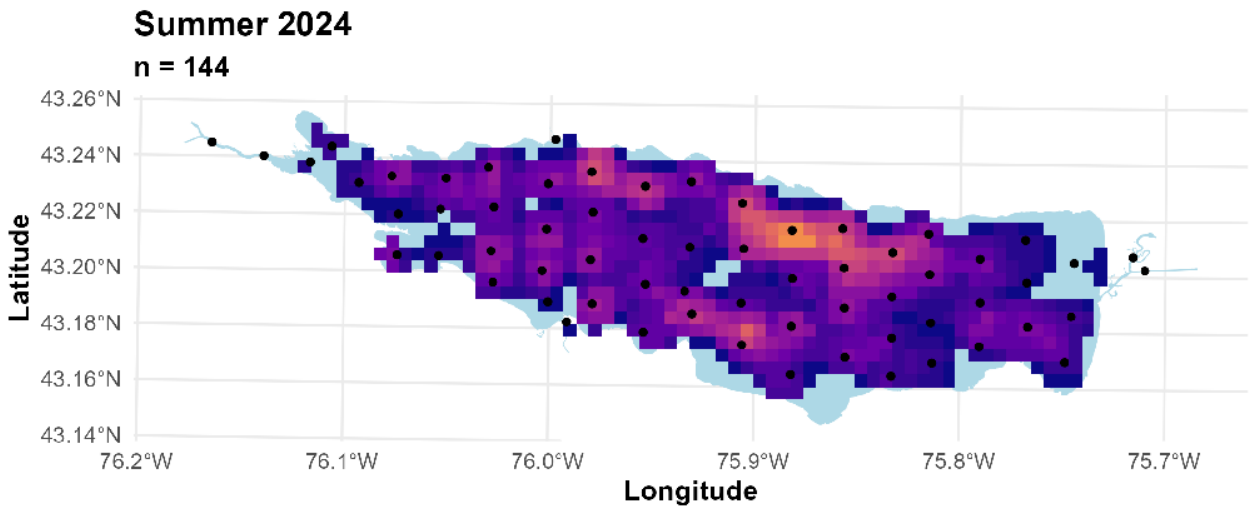
Oneida Lake

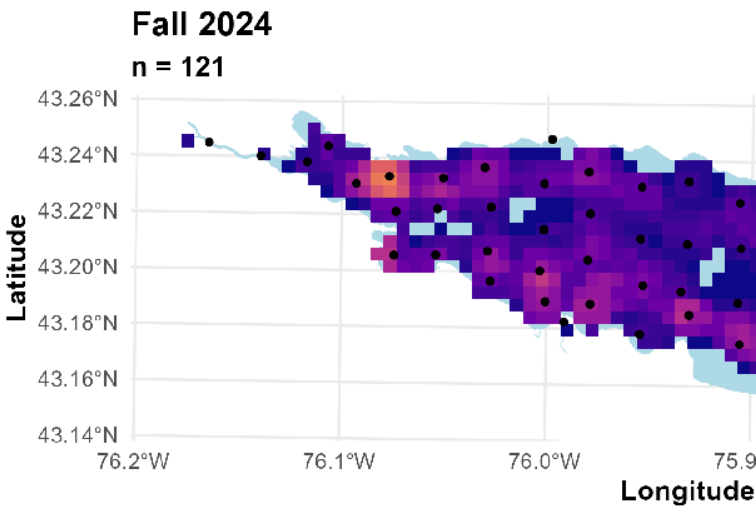
Spawning Locations 2025

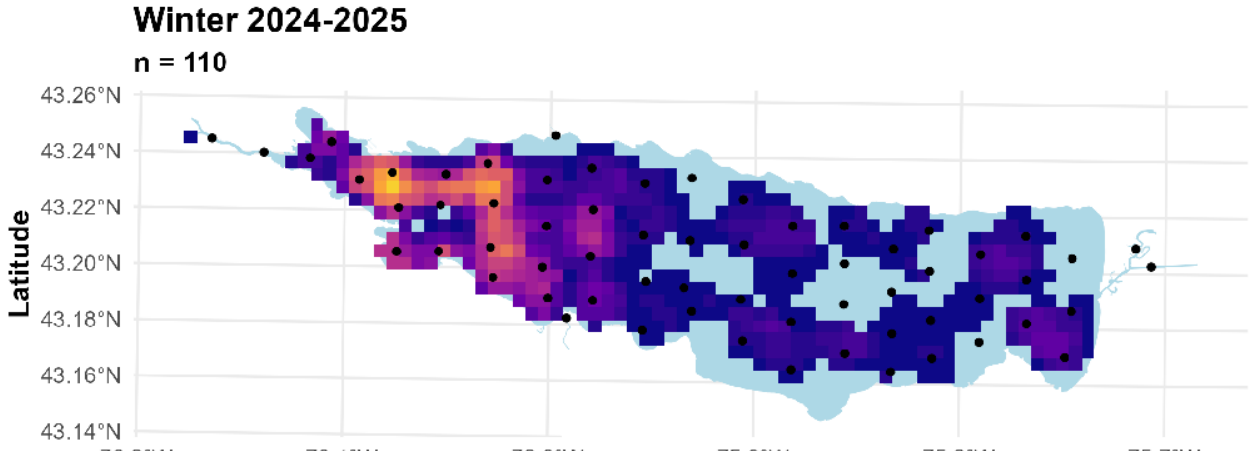
(50 eligible fish)

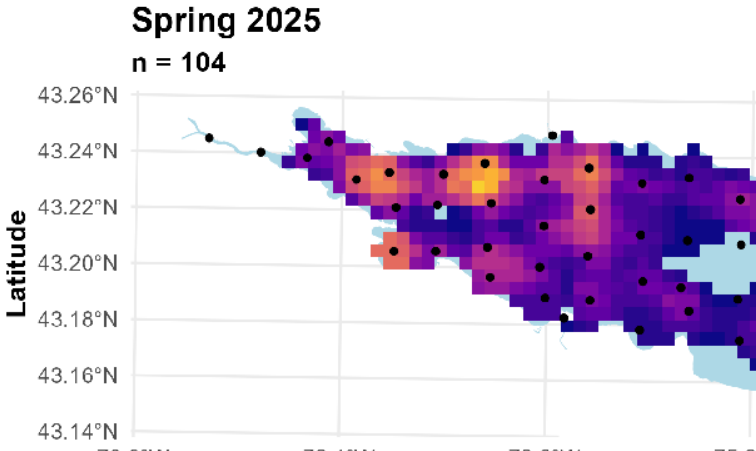


Seasonal Movements









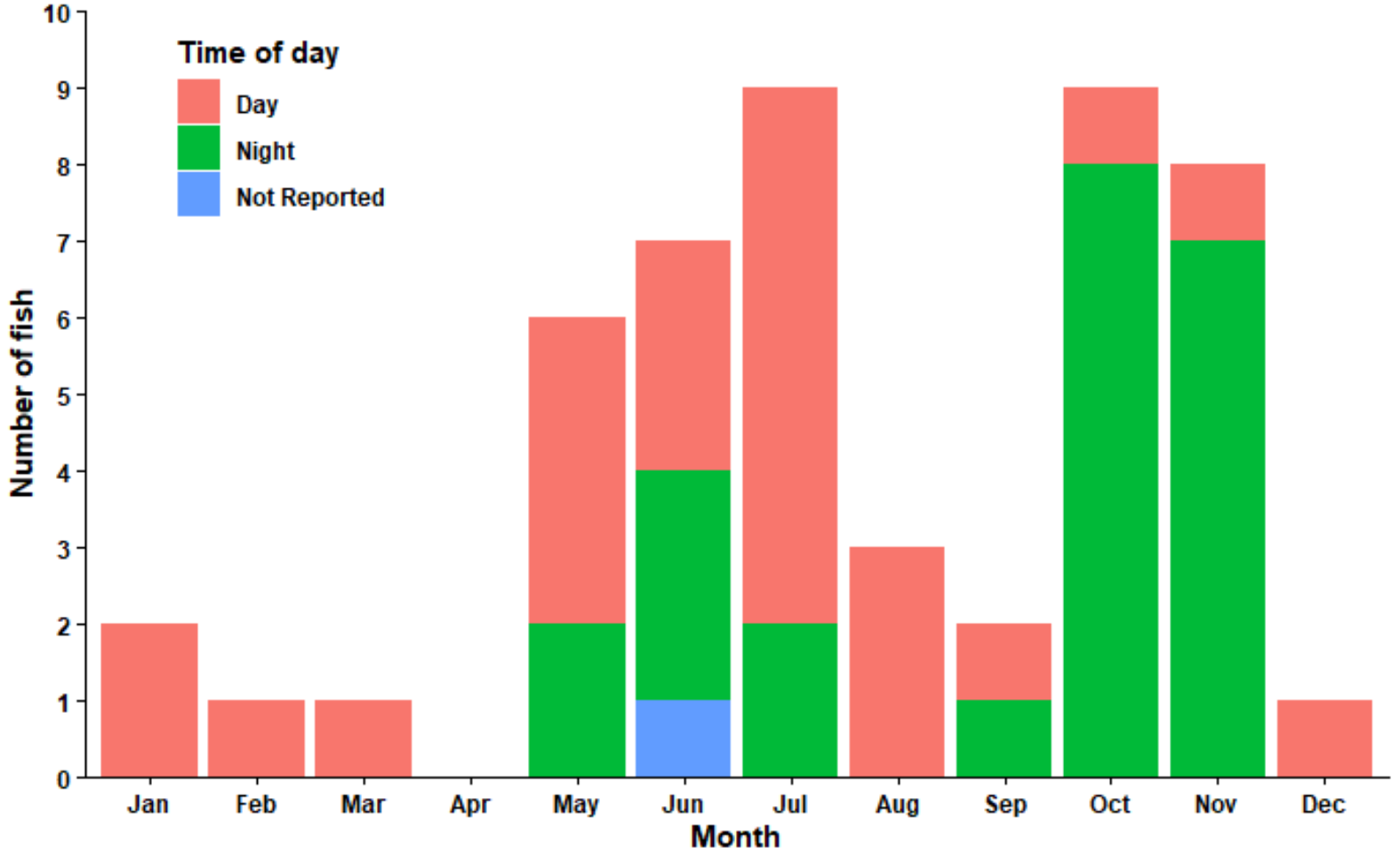
Angler Returns

<u>As of 4/29/2026:</u>

239 total fish tagged

49 tag returns from anglers

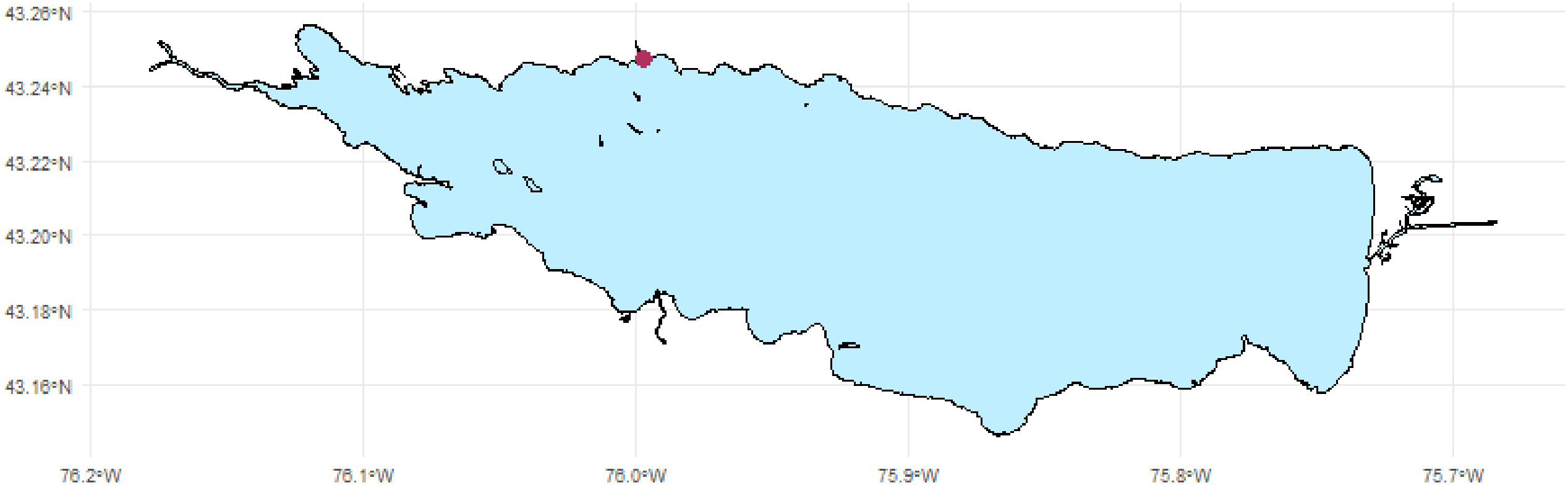
21% of tagged fish



33 different catch locations

Date: March-24-2024

female



Oneida Lake Walleye Movement Study

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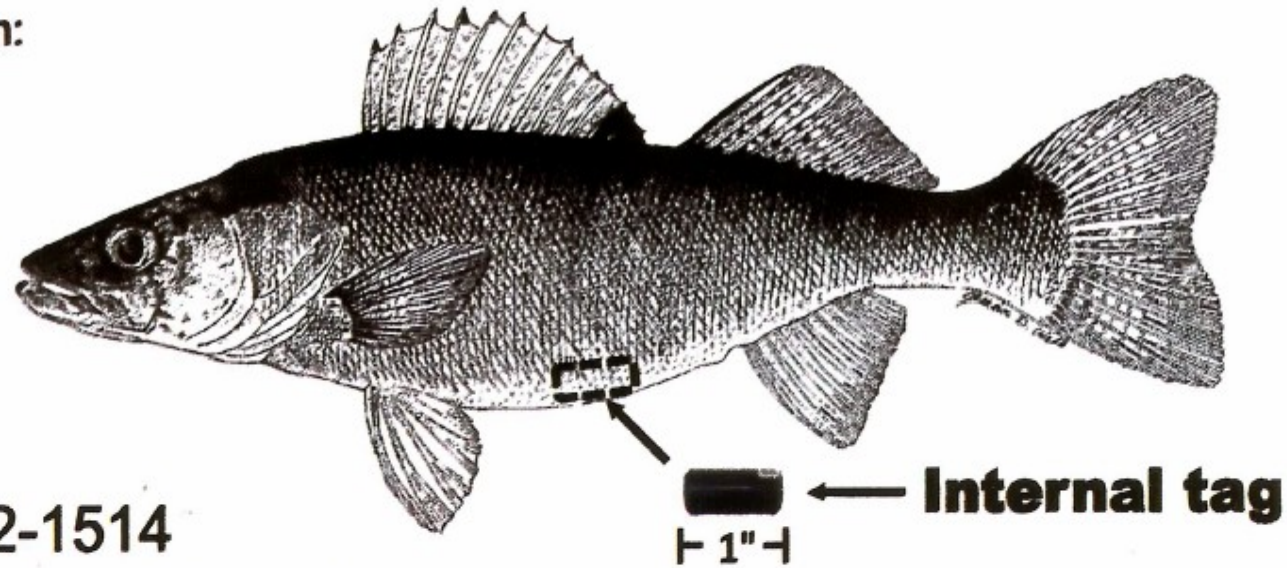
Cornell University Biological Field Station is conducting a 4-year telemetry study on Walleye movement in Oneida Lake to better understand habitat use and improve population estimates

For more information:



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