



INVASIVE SPECIES MANAGEMENT

SAINT LAWRENCE
EASTERN LAKE ONTARIO

Megan Pistolese-Shaw

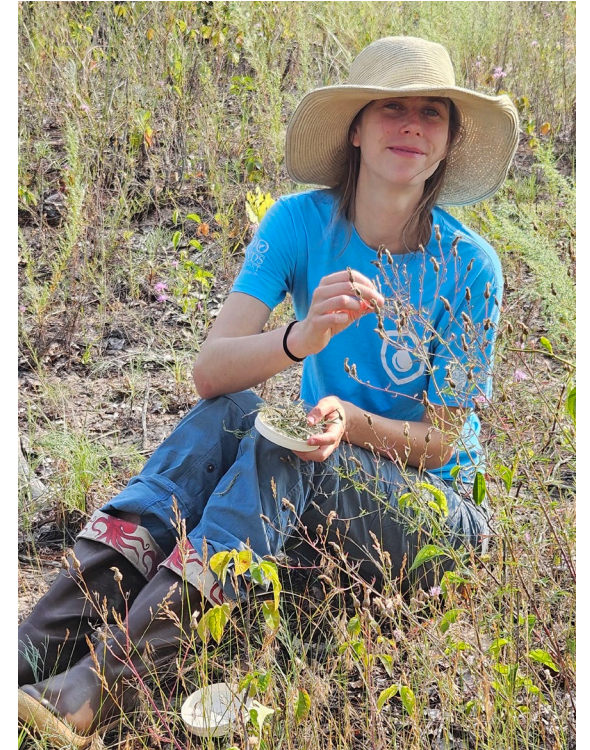
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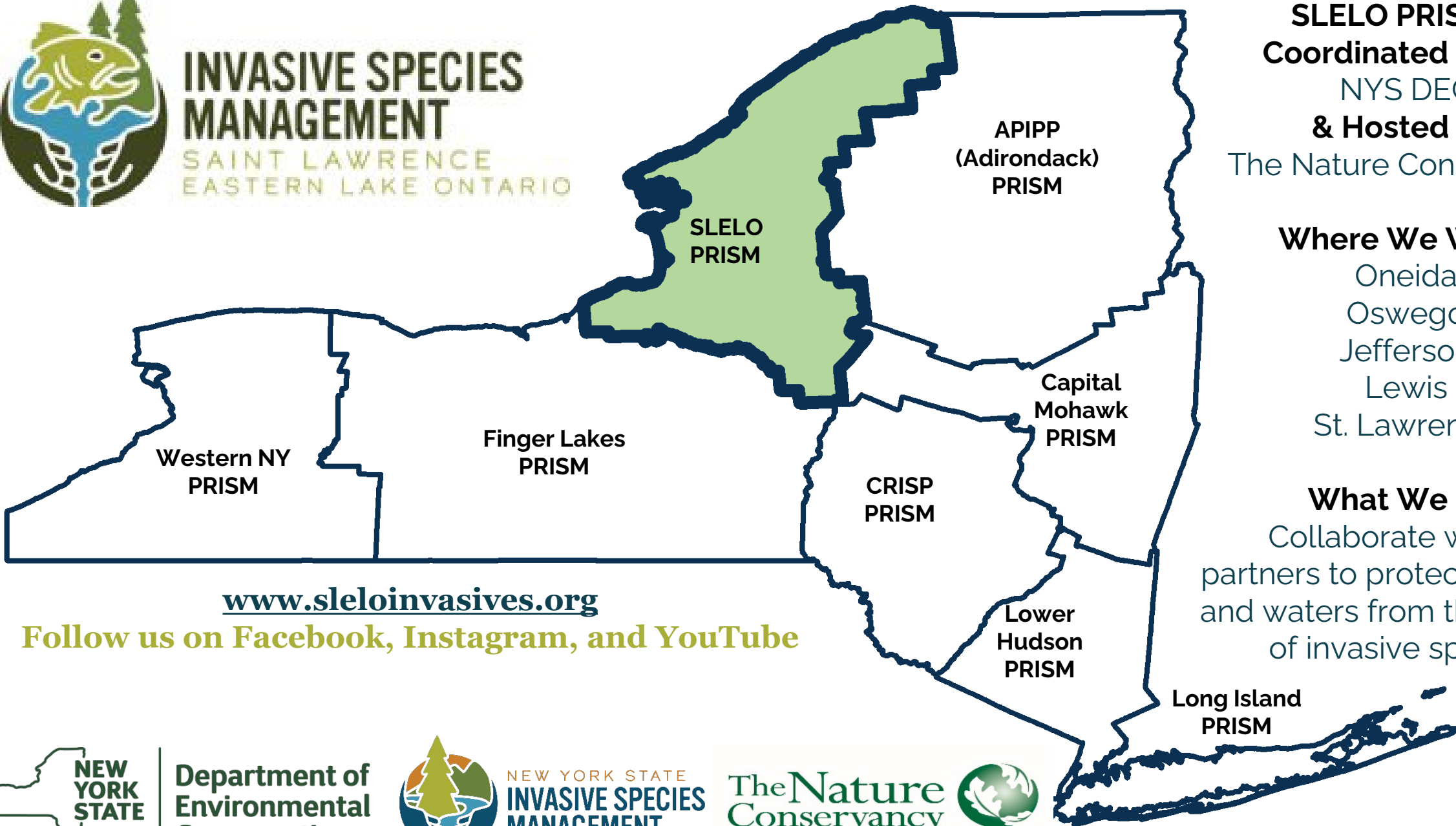
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EASTERN LAKE ONTARIO



**SLELO PRISM is
Coordinated by the
NYS DEC
& Hosted by:
The Nature Conservancy**

Where We Work:

Oneida
Oswego
Jefferson
Lewis
St. Lawrence

What We Do:

Collaborate with our
partners to protect our lands
and waters from the impacts
of invasive species.

www.sleloinvasives.org

Follow us on Facebook, Instagram, and YouTube



Department of
Environmental
Conservation



NEW YORK STATE
INVASIVE SPECIES
MANAGEMENT

The Nature
Conservancy 
Protecting nature. Preserving life.®

SLELO PRISM Roles

Invasive Species Information Hub

- Website
- Newsletter
- Survey & annual reports
- Collaboration

Education/Outreach

- Events
- Trainings
- Media

Management

- Prioritized Species List
- Priority Conservation Areas
- Restoration



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MANAGEMENT**

SAINT LAWRENCE
EASTERN LAKE ONTARIO

"Teaming Up To Stop The Spread of Invasive Species"

www.sleloinvasives.org



Summer 2024, Black Creek Pond, Mexico, NY

Fanwort (*Cabomba caroliniana*)



- Native to South America, Southeastern US
- Established 1930s in Lake Michigan
- Spread via aquarium dumping, stem fragmentation
- Impedes recreation, blocks sunlight, reduces oxygen, fish/aquatic animal decline.



Submerged leaves have a fan-like appearance
and Y-shaped leaf tips.



Flowers above
the water
June-July.



Leaves are connected to the
main stem via a long petiole.



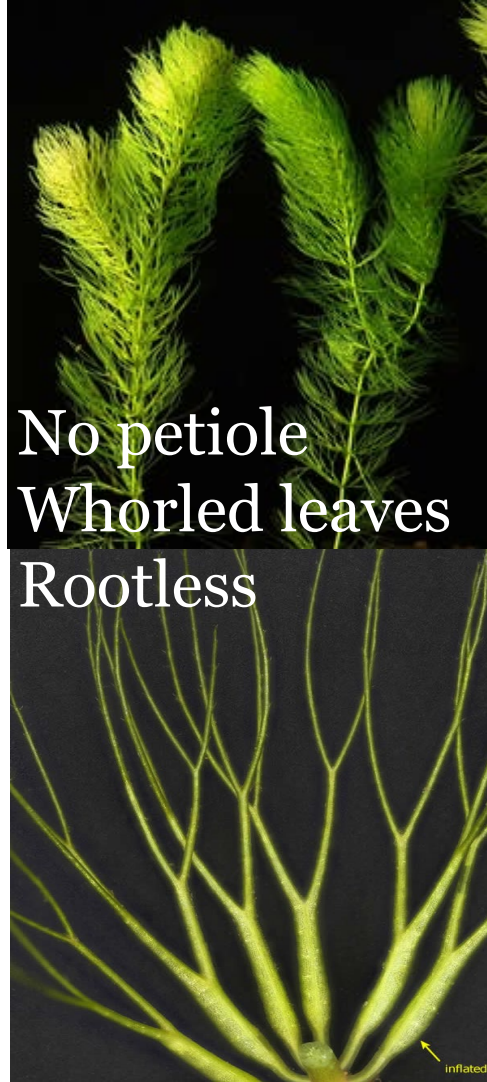
Floating leaves are
narrow, diamond-
shaped. Present
when fanwort
blooms.



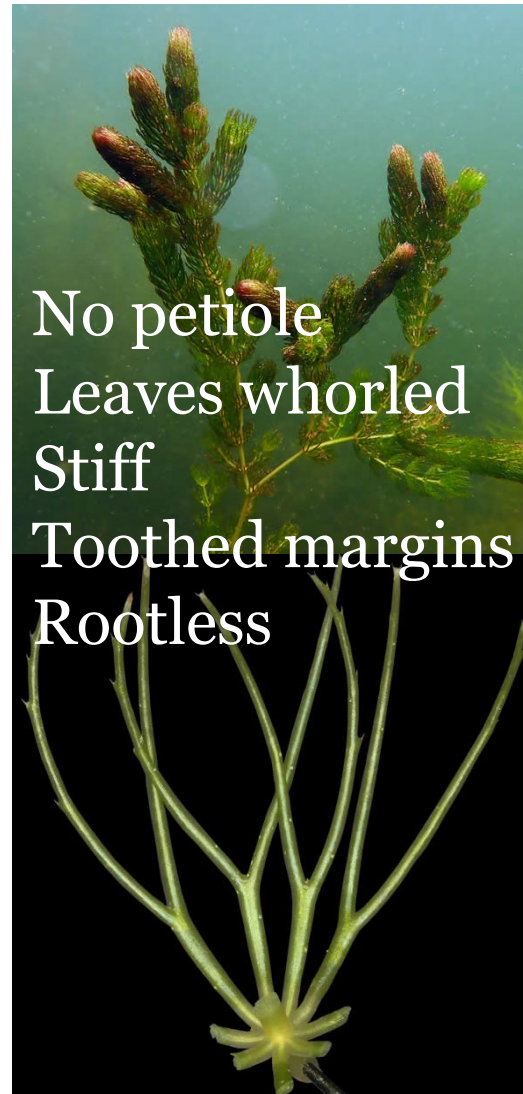
Distinguishing Fanwort From Native Look-alikes



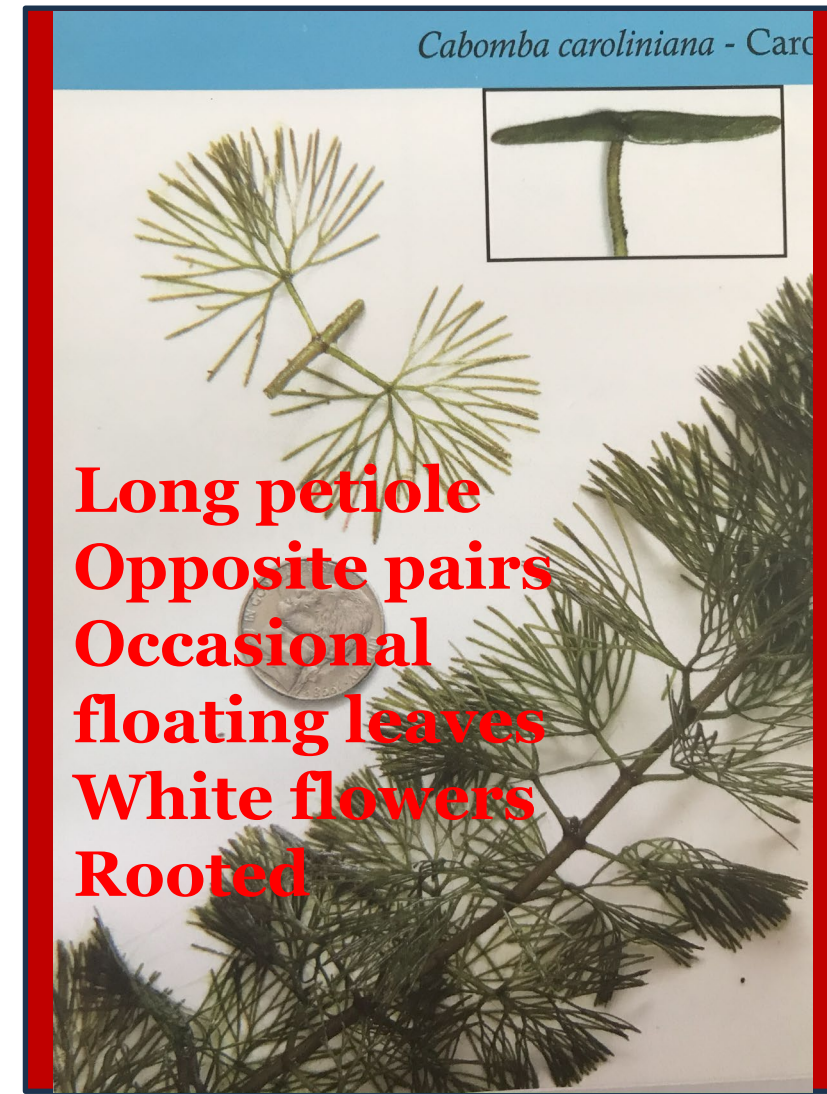
Water marigold
(*Bidens beckii*)



Spiny Hornwort
(*Ceratophyllum echinatum*)



Coontail
(*Ceratophyllum demersum*)



Fanwort
(*Cambomba caroliniana*)



Youngs Mill Dam in Mexico, NY

- Controlled water levels in Black Creek
- Removed in summer of 2024
- Sea lamprey barrier/fish steps
- Salmon traveled!



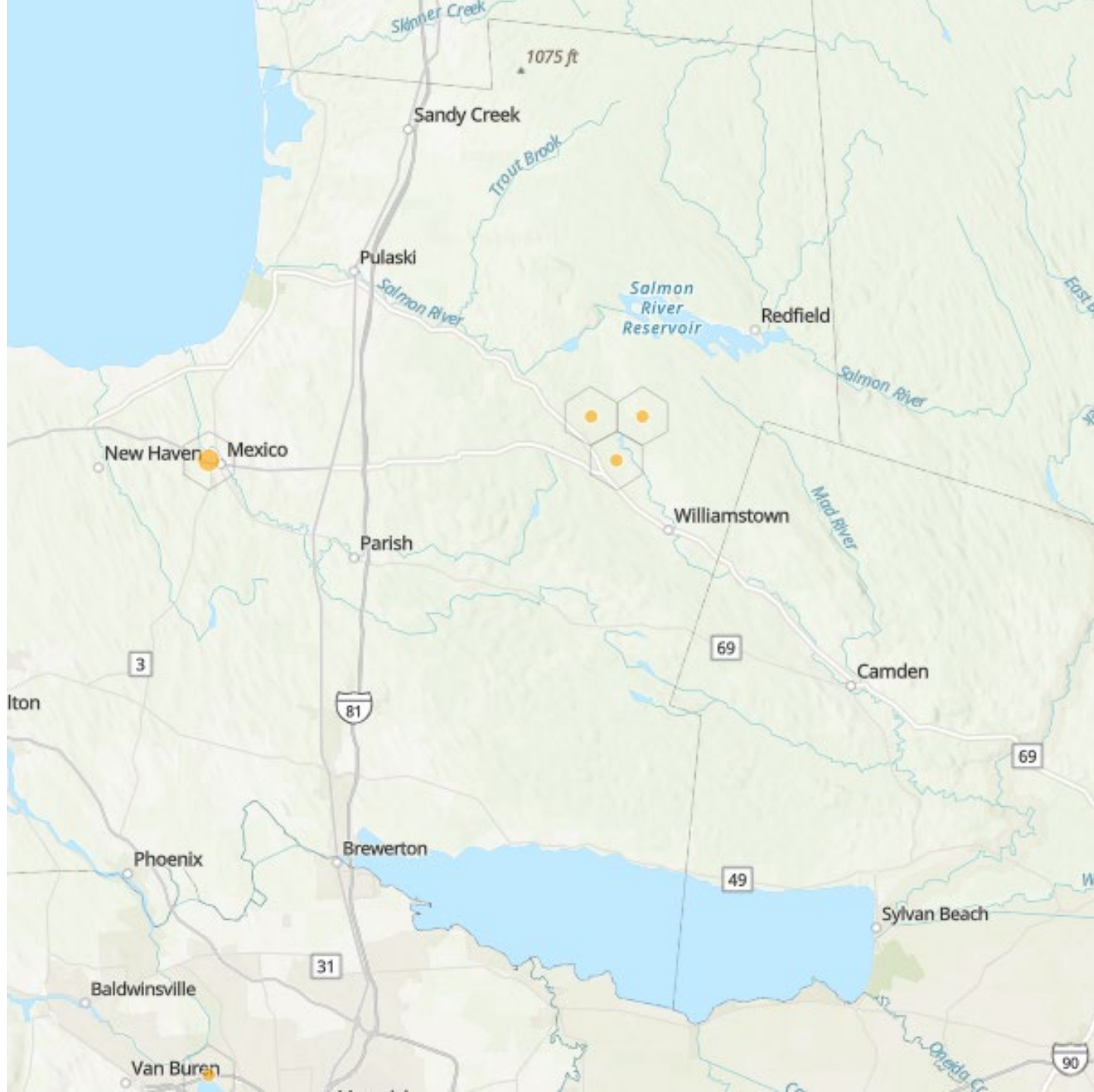


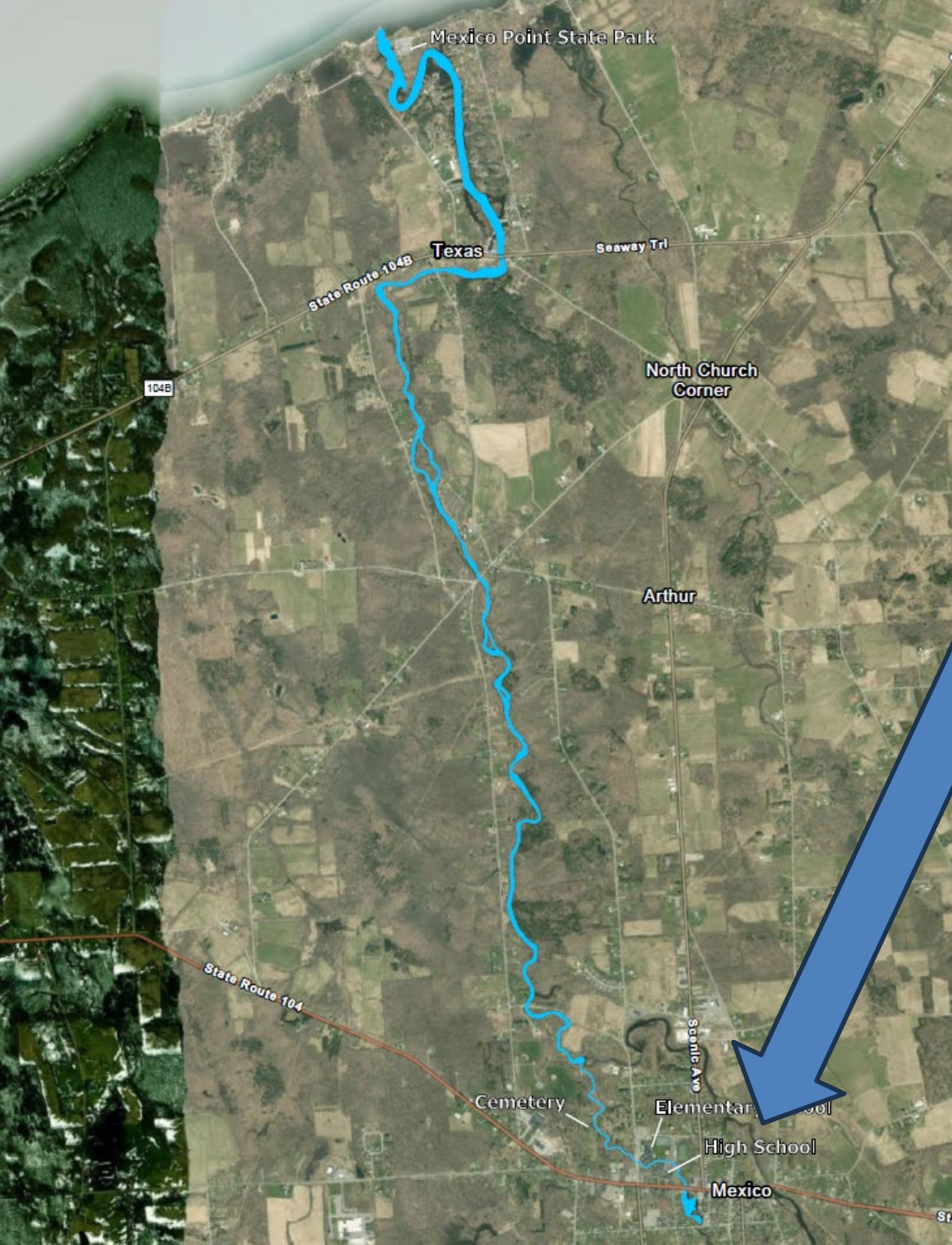
We may not have even known!



Thanks to Cornell University's Water Resources Institute,
Village of Mexico DPW and NYS DEC!

- Fanwort is a Tier 2 Species (low abundance, eradication feasible)
- The only other known site is Kasoag Lake (treated)





Have You Seen This Aquatic Plant?

What: Fanwort (*Cabomba caroliniana*)

Where: Black Creek, Little Salmon River in Mexico, NY

Why: Fanwort negatively impacts aquatic ecosystems & impedes fishing and other aquatic recreation.

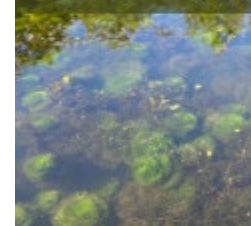
If found, please report to NYiMapInvasives or email photos and the location to adrien.owens@tnc.org.



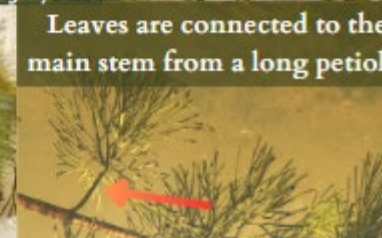
What to Look for:



Submerged leaves have a fan-like appearance and Y-shaped leaf tips.



Flowers above the water
June-July.



Leaves are connected to the main stem from a long petiole



- Partnered with DEC to determine:
- Can Fanwort be found downstream of the dam site?
 - If so, how far has it made its way down?



2025 Survey Efforts



- Butterfly Creek & Catfish Creek near Demster Beach
- Sage Creek
- Snake Creek near Ramona Beach
- Grindstone Creek
- Salmon River

We Need Your Help!

PROTECT YOUR WATERS

Prevent the spread of aquatic invasive species

Aquatic invasive species (AIS) are plants and animals that live in the water that are not from New York and hurt our native plants, animals, and the places they live. AIS also affect us by making boating, swimming, and fishing more difficult, making our time in the water less enjoyable. Once they are here, AIS are hard to get rid of.

Watercraft Check Points



Clean. Drain. Dry.

BOATING AND FISHING EQUIPMENT



Clean and remove all plants, animals, mud, and other items from your boat, trailer, and other equipment. Place in trash bins or AIS Disposal Stations.



Drain all water from the boat and any other equipment that may hold water.



Dry boats, trailers, and all other equipment completely or let air dry for at least 5-7 days before use in another waterbody.

PLEASE DO NOT DUMP BAIT, FISH, OTHER ANIMALS, OR PLANTS INTO THE WATER!



Learn More

parks.ny.gov
dec.ny.gov



Parks, Recreation
and Historic
Preservation

Department of
Environmental
Conservation

Preventing Aquatic Invasive Species: Simple Steps for Big Impact

- Clean, Drain, Dry
- Don't Dump bait or aquarium plants/animals
- Monitor & Early Detection
- Report Observations to iMapInvasives *(training available)*



INVASIVE SPECIES MANAGEMENT

SAINT LAWRENCE
EASTERN LAKE ONTARIO

Aquatic Invasive Species Learning Experience

Webinar Plant ID
In-Person Workshop
Guided Paddle





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**BECOME A
WATER
PROTECTOR**



Sleloinvasives.org/water

