



Capital Region PRISM AIS Monitor Report

Shaver Pond, Grafton Lakes State Park, Saratoga County

About This Priority Waterbody

Shaver Pond embodies 44 acres with a mean depth of 26 feet. Located in Grafton Lakes State Park, Shaver Pond is one of four main waterbodies available to park visitors. The lake is regularly utilized for fishing, with no motors permitted. The shoreline is surrounded by wooded natural area. The Grafton Lake State Park is within a proposed NYS Bird Conservation Area and is a stopover site for Neotropical migratory songbirds especially forest dwelling migrants during both spring and fall migrations. There is a strong presence of personal watercraft recreation. Public access to Shaver Pond is provided by two walk in trails for hand boats. Additional lake access information can be found by visiting the [NYS DEC Shaver Pond Webpage](#).



The bottom cover of the lake is primarily comprised of cobble/sand with little floating heart scattered throughout the littoral zone. No invasive aquatic macrophyte species detected, with an emphasis placed on Eurasian water-milfoil during surveying. Banded mystery snail was detected throughout the rocky shore area on north/western end of pond.

Invasive Species Previously Recorded at Shaver Pond

Common Name	Scientific Name	Location (GPS)	Growth Type	Phenology	Abundance
No aquatic invasive species previously recorded					

Growth Type: Tree, Shrub, Vine, Ground Cover, Herbaceous, Riparian, Submerged, Floating, Emergent, Wetland, Pest, Animal

Phenology: Flowering, Leaf unfolding, fruit ripening, leaf color change, dormant, swarming, spawning, emergence (insects), migrating, in seed, senescence

Distribution/Abundance: Trace (single plant/clump), Sparse (scattered plants/clumps), Dense plants/clumps, linearly scattered, Monoculture

Capital Region PRISM AIS Early Detection Survey

General Information	
Waterbody Name: Shaver Pond, Grafton Lakes State Park	Date of Survey: 6/27/2024
Survey Lead: Hannah Coppola	Time to Conduct Survey: 2.5 hours
Team Members: Alexa Howansky (AIS Assistant Steward Supervisor) GLSP Wren Martinson, and member of the public.	Address: 254 Grafton Lakes State Park Way Grafton, NY 12082
iMapInvasives User ID: 21052	County: Saratoga
Property Owner Contact: Andy Damon Stewardship Specialist NYS Office of Parks, Recreation & Historic Preservation Saratoga-Capital District 19 Roosevelt Dr. Saratoga Springs, NY 12866	Coordinates: 42.781718, -73.452324
Date of Last Survey: 7/24/2020	Waterbody Acreage: 44



Recommended Date of Next Survey: 2026 With a high risk of introduction from Long Ponds EWM infestation, frequent surveying is crucial to early detection at this location.	Average Depth: 26 feet
Has This Site Received Previous Management? <i>If so by who, when, what?</i>	

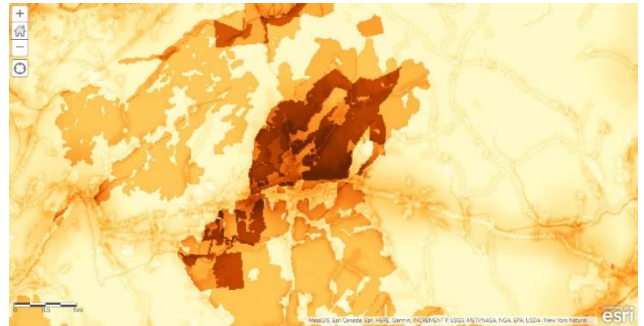
Survey Techniques

This survey was conducted using the following methods.

- Top-side (visual): 22 observations outside of rake tosses. No Aquatic invasive macrophytes detected, although an observation of banded mystery snail is new to this waterbody.
- Meandering rake toss: 13 rake tosses conducted, species including an unidentified macroalgae and Northern water-milfoil. Rake tosses from Southern-end of the waterbody showed less plant density likely due to restricted light availability.

New York State Invasive Species Prioritization Model

Shaver Pond is located near an area with a high comprehensive score on the NYS Invasive Species Prioritization Model. Locations with high comprehensive scores have high ecological significance, a high risk of spread of invasives into the area, and high value according to their protected status. Early detection is important in these locations to ensure timely management of new infestations if detected. [NYS Invasive Species Prioritization Model](#)



Aquatic Invasive Species Presence Detected

Common Name	Scientific Name	Location (GPS)	Growth Type	Phenology	Abundance
Banded mystery snail	<i>Viviparus georgianus</i>	Multiple/42.7821, -73.45845	Animal	Animal	Sparse
No aquatic invasive macrophyte species detected					

Native Species Presence

Common Name	Scientific Name	Species Notes
Watershield	<i>Brasenia schreberi</i>	Found in dense floating mats, particularly at the northern end of the waterbody.
Little floating heart	<i>Nymphoides chordata</i>	Found throughout littoral zone in small clumps with the exception of the southern-most end of waterbody where light availability is restricted. Dense population located at: 42.777, -73.459.
Arrowhead	<i>Sagittaria sp.</i>	



Northern watermilfoil	<i>Myriophyllum sibiricum</i>	Dense to sparse populations throughout waterbody
Large/Big leaf pondweed	<i>Potamogeton amplifolius</i>	Dense to sparse populations throughout
Quillwort	<i>Isoetes spp</i>	
Spatterdock	<i>Nuphar variegata</i>	
Pickerel Weed	<i>Pontederia cordata</i>	

Native Vegetation Distribution – Select

This is a qualitative assessment of the native plants that will be entered into the CR-PRISM Survey Report.

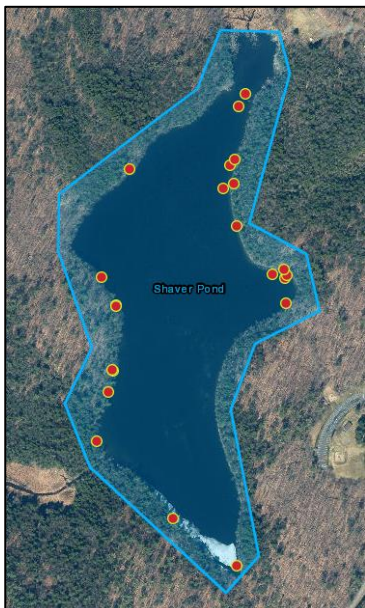
1. **Dominant** (Natives are the most common plants and widespread)
2. **Subdominant** (Natives are present, but invasive plants are more common and widespread)
3. **Absent** (There are no native plants either because there are no plants at all or just about all the plants are invasive)

Summary of Recommendations

Prevention

Prevention efforts are recommended to reduce the chance of new aquatic invasive species introductions into Shaver Pond. The limited hand boat access to the lake helps prevent unwanted species being introduced through reduction of visitors. Ensuring clean, drain, dry practices are being followed when transporting watercraft from one waterbody to another is also recommended. Rental and other boats used from neighboring waterbodies are of concern if viable fragments of aquatic invasive macrophytes or animal material is present. Identifying and reporting any suspected aquatic invasive species is encouraged to ensure early detection.

Top Side Visual Observations



Rake-Toss Locations

