



Capital Region PRISM Macrophyte Survey Report

Date(s): July 8th, 2022

Site Name: Lake Bonita

Site Size: 40.5 acres

Waterbody Perimeter: 1.5 miles

Mean Depth: --

GPS Location: 43°12'27.4"N 73°46'06.5"W

Physical Address: Wilton Mountain Rd

Town: Corinth

County: Saratoga

Property Owner Contact: NYS OPRHP, Moreau Lake
State Park
(518) 793-0511

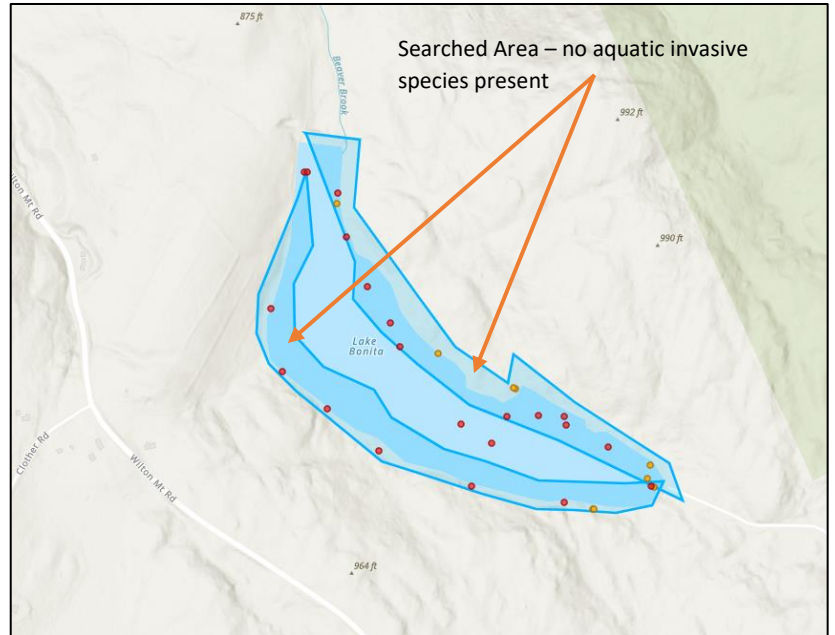
Survey Leader: Hannah Coppola – AIS Program
Manager

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Email: hwe22@cornell.edu

Team Members: Ben Caligiuri and Andrew Brunner (IS Technicians)

iMapInvasives User ID: 21052, 19154



Section 1: Survey Summary

On July 8th, 2022 the Capital Region PRISM conducted an aquatic survey on Lake Bonita in Saratoga County for Tiers 1-4 aquatic invasive species. Upon completion of the macrophyte survey, it was confirmed that there continues to be no aquatic invasive species present in Lake Bonita.

Site Description

Lake Bonita is 40.5-acre waterbody located within Moreau Lake State Park. The lake substrate is comprised of muck, sand, and boulders with bottom cover including macrophytes, leaf pack, and woody debris.

Watercraft are prohibited on the lake unless a permit is obtained from NYS Office of Parks, Recreation and Historic Preservation. Public access trails are present surrounding the lake. There is evidence of fishing on this lake from fishing lines tangled in tree limbs.

Survey Techniques

Entire waterbody, top water

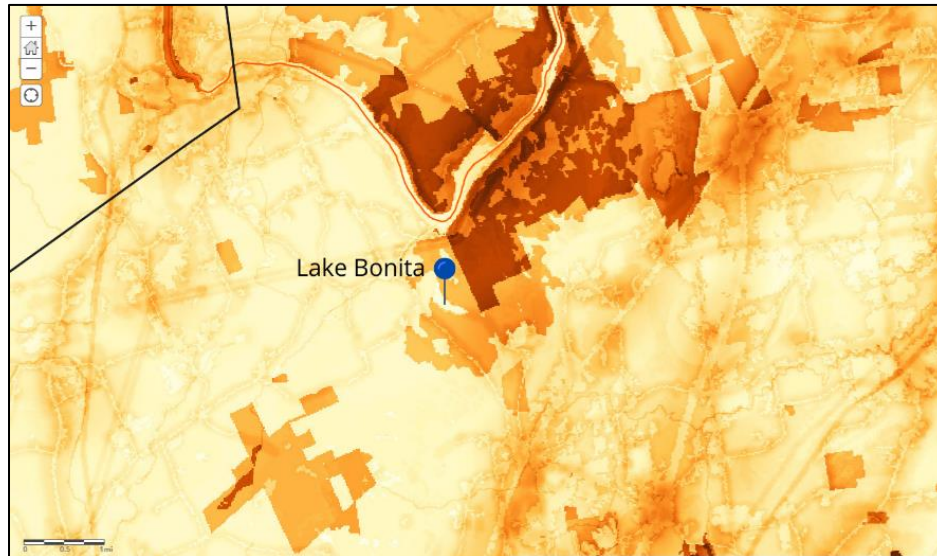
- Top-side (visual)
- Rake toss



NYS Invasive Species Prioritization Model

Lake Bonita is located within Moreau Lake State Park which has a very high comprehensive score on the NYS Invasive Species Prioritization Model. Moreau Lake State Park is an Invasive Species Prevention Zone.

[NYS Invasive Species Prioritization Model](#)



Does this site contain previously treated infestations?

No

Section 2: Survey Result Summary

Aquatic Invasive Species Presence

No aquatic invasive species present.

Native Species Presence

- Eelgrass (*Zostera marina*)
- Watershield (*Brasenia schreberi*)
- Robbin's pondweed (*Potamogeton robbinsii*)
- White waterlily (*Nymphaea odorata*)
- Large-leaf pondweed (*Potamogeton amplifolius*)
- Common Bladderwort (*Utricularia vulgaris*)
- Northern bladderwort (*Utricularia intermedia*)
- Flat-leaved Bladderwort (*Utricularia intermedia*)
- Pickerelweed (*Pontederia cordata*)
- Spatterdock (*Nuphar variegata*)
- Northern snail-seed pondweed (*Potamogeton spirillus*)
- Lake Quillwort (*Isoetes lacustris*)
- Native water nymph – (*Najas* sp.)



Section 3: Summary of Recommendations

Prevention

Watercraft are not permitted on Lake Bonita. Lack of watercraft presence on Lake Bonita assists in preventing the spread of aquatic invasive species. Watercraft and equipment used during surveying should always be de-contaminated prior to arriving at the launch site.

With the presence of fishing, a plankton net survey would be beneficial in the future for detecting the presence of spiny and fishhook water fleas.

Management

No management is needed at this time.

Post-Survey Monitoring

Lake Bonita will be surveyed on an annual cycle.

Will an Invasive Species Management Plan be created?

- Not needed at this time.

