



Section 1: Survey Summary

General Information	
Date Survey Conducted: 05/23/2024	Property Owner Name, Title, and Contact: Andy Damon, OPRHP Stewardship Coordinator, andy.damon@parks.ny.gov
Site Name: Saratoga Spa State Park	
Site Address (if different): 19 Roosevelt Drive Saratoga Springs, NY 12866	Survey Leader Name, and Contact: Sam Schultz, ss986@cornell.edu
Latitude/Longitude: 43.0554, 73.7981	County: Saratoga
Total Parcel Size (acres): 2,200 acres	Team Member Name(s): Stephen Root, Chris Benincasa, Joe Simonds, Riley Willard
Worksite Size (acres): 0.3655 acres	Permit(s)/Permission(s) Acquired? Yes, OPRHP Scientific Research Permit
Report Author: Stephen Root	Data Recorder & iMapInvasives ID: All- 29191

***Remember to obtain proper permissions before completing any detection & monitoring project. Please attach any permits/permissions completed for this project as an appendix.

Conservation Goal:

- Delineate & assess a conservation value To prevent and protect a conservation value
 Local Eradication Post-Treatment Monitoring Containment
 Suppression Exclusion Restoration

Survey Type:

- Detection Follow-up Monitoring Detection Training eDNA
 Delineation Highly Probable Areas Volunteer Engagement

Site Description: Provide existing conditions of the site, current land use, landscape elements, historical uses, etc. This section should include information such as habitat composition, dominance of native species, list any known native species on site, any protected properties or larger landscape features that include site, etc.

Saratoga Spa State Park is a National Historic Landmark distinguished by its classical architecture and noted for its diverse cultural, aesthetic and recreational resources. In addition to the nationally-known Saratoga Performing Arts Center, the Spa Little Theater, the National Museum of Dance, the Saratoga Automobile Museum, the Gideon Putnam Resort and Roosevelt Baths and Spa, the park offers a multitude of traditional recreation opportunities. It is a widely used public park with locally used fresh water from natural springs, streams and picnic areas. The miles of nature trails are open for running, walking, and biking throughout the warmer months.

Survey Techniques: Provide a clear and concise description of the work to be conducted, target species, and any survey methods used (i.e. Highly probable area search, rake toss, transect, etc.).

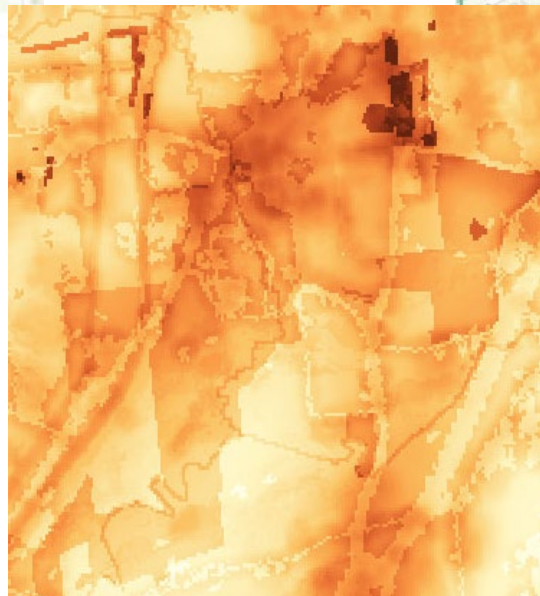
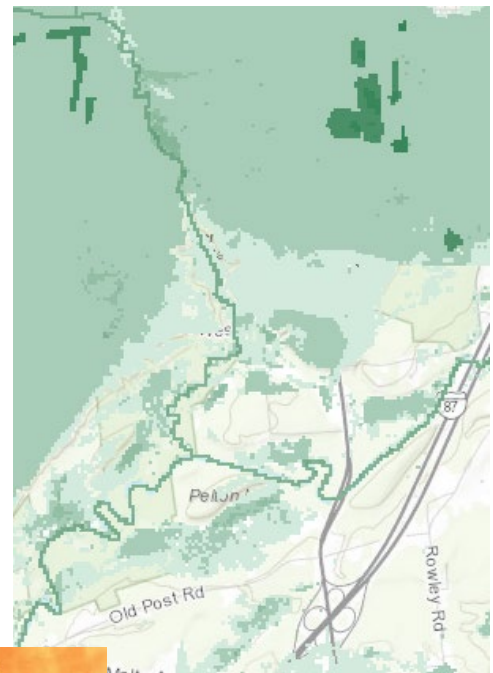
Trip was used as a training exercise for identification of invasives and native plants as well as using apps in the field. Surveying was conducted primarily along the Geyser Creek trail.





Site Significance: Some recommended resources to identify high priority sites include: the [CR-PRISM Framework of Response](#), the [NYNHP Prioritization Model](#), the [NYS DEC Environmental Resource Mapper](#)? Please provide screenshots of any maps and/or models used to determine the site is a priority and describe why they show the site is a priority. What other reason is present for conducting the survey (rare, threatened, endangered species, partner property, significant habitat present, etc.)?

This site is ideal for seasonal staff training due to the high traffic, easy access and high diversity of invasive species. This parcel scores high on the comprehensive score due to the presence of freshwater wetlands on the property, a high risk of spread and the presence of rare, threatened or endangered plants and animals (left). These two images (middle and right) are screenshots taken from the NYS Invasive Species Prioritization Model, specifically the iMap prioritization comprehensive score (right) and ecological significance (middle).





Section 2: Survey Result Summary

Common Name	Scientific Name	Tier Rank	Threat Ranking	Growth Form	Phenology / Life stage	Percent Cover (%)	Distribution/ Abundance	Area Infested (acres/miles if linear)
Garlic mustard	<i>Alliaria petiolata</i>	4	Very High	Herb	Flowering	26%-50%	Dense plants/clumps	0.055 acres
Oriental bittersweet	<i>Celastrus orbiculatus</i>	4	Very High	Vine	Vegetative	26%-50%	Dense plants/clumps	0.0046 acres
Morrow's honeysuckle	<i>Lonicera morrowii</i>	4	Very High	Shrub	Flowering	<5%	Sparse	0.08 acres
Coltsfoot	<i>Tussilago farfara</i>	4	NA	Herb	Vegetative	<5%	Trace	0.02 acres
Common buckthorn	<i>Rhamnus cathartica</i>	4	Very High	Shrub	Vegetative	<5%	Trace	0.02 acres
Japanese barberry	<i>Berberis thunbergii</i>	4	Very High	Shrub	Fruit	5%-25%	Sparse	0.02 acres

*If a specific species is surveyed for and not detected please state that clearly in the table above.

Growth Form:

Terrestrial: Ground Cover, Herbaceous, Vine, Shrub, Tree, Insect, Animal

Aquatic: Submerged, Floating, Emergent, Riparian, Animal

Phenology/Life stage:

Plants: Vegetative, Flowering, Fruit/In Seed, Dormant, Dead

Insects: Egg, Larvae, Pupae, Crawler, Sisten, Adult, Dormant, Dead

Animals: Egg/Newborn, Fledging, Molting, Mating, Emerging, Feeding, Swarming, Migrating, Dormant, Dead

Percent Cover:

iMapInvasives Percent Cover Ranges: <5%, 5%-25%, 26%-50%, 51%-75%, 76%-100% or use a specific percentage

Distribution/Abundance:

Trace (single plant/clump), sparse (scattered plants/clumps), dense plants/clumps, monoculture, linearly scattered





Map: Develop a map of the survey area that has the searched area, any iMapInvasives points, polygons and/or lines for presence or non-detection. Multiple maps may be added for multiple species or locations. All searched areas, detection and non-detection data should be uploaded to the CR-PRISM SharePoint Tracker and iMapInvasives.





Section 3: Summary of Recommendations

This section provides recommendations of any response methods, monitoring methods, and restoration efforts based on the survey.

Additional Notes: Provide any additional information that is not included above regarding species surveyed for or about the survey itself. Were there any barriers or issues that arose before or during the survey? Provide any advice that could limit barriers or issues in the future.

No barriers were identified during this survey at this time.

Response: Briefly describe any recommendations for future response methods, why they are recommended, and any alternatives to consider. Please use abundance and site-specific factors in your recommendation. If conducting a highly probable area survey, please list any response actions taken while on-site. Optional: Attach or reference BMP guidance document. Consider state and local permitting requirements.

The Office of Parks, Recreation and Historic Preservation (OPRHP) are planning to manage some of the invasives along the creek. Capital Region PRISM staff may also assist with removal of Japanese barberry to minimize the human health threat of ticks that may be encouraged by the presence of Japanese barberry.

Post-Survey Monitoring: Briefly describe the monitoring procedure, when it will occur, and who will complete it. Consider the phenology of species when suggesting timelines. If a response goal such as eradication, suppression, containment and/or exclusion is selected, will a management plan be drafted? If a plan is needed, please contact the CR-PRISM office for a template of our Invasive Species Management Plan.

PRISM will continue to work with NYS OPRHP on high priority projects within this park and may use it to train seasonal staff in the future on proper management and disposal techniques.

