



## Capital Region PRISM Survey Report

### **Purpose:**

The Invasive Species Survey Report will provide an overview and help guide invasive species treatments, baseline site composition, post-monitoring, and restoration at a specific site over time. A single survey report should not be written for an entire site, but a specific project. A site could have multiple reports. If there are multiple reports within a site, consult with the Capital Region PRISM about potentially preparing a more robust survey report.

To be submitted to Capital Region PRISM following the completion of partner, individual, or PRISM-led survey for review. This form can be found online as "FieldSurveyReportTemplate" at <https://www.capitalregionprism.org> or with a request. Please consult the Capital Region PRISM if there are any questions at (518)-885-8995. Please capture and collect data using [iMap Invasives](#). The online software platform and associated mobile application are free and open sourced.

### **Section 1: Survey Summary**

This section provides an overview of the site, contact information, etc. Once complete, save your report and submit the form via email to a member of the Capital Region PRISM team. Feel free to include supporting documents in your submission.

To determine site value, we recommend using the iMap Invasives Prioritization Model which can be found on the [PRISM Prioritization webpage](#). The prioritization model will allow you to assess your site's ecological value based on a few factors. Evaluate the comprehensive score or the ecological score to determine if your site is a high priority site that will help us determine if the location and infestation falls into our priority objectives for future management. If it is not a high priority site, we still encourage you to complete invasive species surveying as the site may be culturally and socially of value to the public.

### **Section 2: Survey Result Summary**

The survey summary section will contain the tables and maps generated from your survey efforts. The biological surveys will assist the Capital Region PRISM in our efforts to identify emerging species to be able to more effectively manage infestations and the spread of populations. Please fill out the provided table and insert screen shots of iMap Invasives maps.

### **Section 3: Summary of Recommendations**

The recommendation section contains treatment calendars and post-season summaries. Most sites need to be revisited annually to document successes/failures, identify any changes needed, and update future treatment calendars.



## Section 1: Survey Summary

<b>Date:</b> 05/17/2022	<b>Property Owner Name:</b> Union College
<b>Site Name:</b> Jackson's Garden within Union College	<b>Property Owner Contact:</b> Joe Conti, Josh Dranoff <a href="mailto:dranoffj@union.edu">dranoffj@union.edu</a> , <a href="mailto:contij@union.edu">contij@union.edu</a>
<b>Site Address (if different):</b> Jackson's Garden, Schenectady, NY 12308	<b>Survey Leader Name and Title:</b> Sam Schultz, TIS Coordinator
<b>County:</b> Schenectady	<b>Survey Leader Contact:</b> ss986@cornell.edu
<b>Latitude/Longitude:</b> 42.81987899389852, -73.92971274870004	<b>Team Member Name(s):</b> Mary Werner, Tyler Levy
<b>Site Size:</b> 11 acres	<b>Team Member Contact(s):</b> <a href="mailto:mhbeaver43@gmail.com">mhbeaver43@gmail.com</a> , <a href="mailto:tyler.levy.scsxcd@gmail.com">tyler.levy.scsxcd@gmail.com</a>

**Site Description:** Provide existing conditions of the site, current land use, landscape elements, etc.

Located on campus down a slope adjacent to the parking lot within Jackson's Garden. Maintained grounds, walkways, and stream with outlet to the Mohawk River. Location of infestation is next to the stream along a flat mowed area.

**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.).

A visual survey was conducted along highly probable areas (ie. Mow lines and stream banks) as well as where the infestation was previously reported.

**Did you identify this site through the iMap Invasives Prioritization Model?** If yes- Did it score high in either ecological or comprehensive value? What other reason is present for conducting the survey?

No, this site was previously treated by Union College after a survey was conducted in collaboration with SCISC (Schenectady County Invasive Species Committee).

## Section 2: Survey Result Summary

Common Name	Scientific Name	GPS Location	Growth Form	Phenology	Distribution/Abundance	# of Stems	Area Infested (acres/miles if linear)
Lesser Celandine	Ficaria verna	See iMap	Herbaceous	Vegetative (post flowering); flowering	Dense	N/A	2.23 acres

### Growth Form:

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

**Aquatic:** Submerged, Floating, Emergent, Riparian, Animal

### Phenology:

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

**Insects:** Emergence, Swarming, Spawning

**Animals:** Spawning, Swarming, Migrating

### 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 any iMap Invasives points and/or searched, polygons to delineate infestation extent. Multiple maps may be added for multiple species or locations. Different mapping formats are welcome but iMap Invasive delineations are preferred.

- Insert Survey Map(s):



Searched Area #: 1282800

### **Section 3: Summary of Recommendations**

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

**Additional Notes:** Describe any barriers or issues that arose before or during the survey. Issues arising before completing the survey could include: trouble contacting owner, extended time to obtain permission, trouble accessing the property, etc. Barriers arising during the survey could include: downed trees, trail is closed off, hazards on site, unforeseen injury, inclement weather, etc. Provide any advice that could limit barriers or issues in the future.

The timing of this survey was a bit late for peak flowering due to scheduling issues but otherwise survey went smoothly.

**Treatment:** Describe briefly any recommendations for future treatment methods, why they are recommended, and any alternatives to consider. Please use abundance and site-specific factors in your treatment recommendation. Optional: Attach or reference BMP guidance document. Consider state and local permitting requirements.

Future treatment is recommended, especially along stream bank to reduce continued spread downstream. Herbicide treatment is currently needed for effective control. Once population is significantly reduced, manual removal may be possible.

**Post-Survey Monitoring:** Briefly explain the monitoring procedure, when it will occur, and who will complete it. Consider the phenology of species when suggesting time-lines. If a control such as eradication, suppression, and 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.

Continued monitoring will occur by Union College and SCISC if interested in participating in future surveying efforts.