



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 "Field Survey Report Template" at www.capitalregionprism.org/reports.html 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 iMapInvasives: www.nyimainvasives.org. The online software platform and associated mobile application is 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 iMapInvasives Prioritization Model which can be found on the PRISM website at <https://www.capitalregionprism.org/ny-invasive-species-prioritization-map.html>. The prioritization model will allow you to assess your site's ecologic 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 summaries section will contain the tables and maps generated from your survey efforts. The biologic 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 iMapInvasives 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

Date: 10/29/2021

Site Name Address: Greenport Conservation Area

County: Columbia

Latitude and Longitude: 42.274250, -73.768163

Property Owner Contact: Columbia Land Conservancy

JJ Kathe, Public Lands Steward & Volunteer Coordinator (jj.kathe@clctrust.org)

Lead Contact for Survey: Sam Schultz

Phone and Email: 518-885-8995 ext.2211, ss986@cornell.edu

Overall Site Size: 31.49 acres

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

Greenport Conservation Area includes eight miles of trails. The site features stunning Hudson River and Catskill views, forests, and open meadows. A trail connects the site to Harrier Hill Park, owned by Scenic Hudson. The remains of a once-active brickyard can be seen along the Brickyard Trail. There are two gazebos, several benches, and a picnic area located along the Access for All Trail. The site is a popular destination for walking, biking, birdwatching, and picnicking. In the winter, you can enjoy skiing and snowshoeing. This area is also highly used by hunters during the fall and winter months.

The property covers over 736-acre with various ecological systems, including meadows, shrublands, forests, and freshwater tidal marshes. The site has been influenced by past land use such as agriculture, clay mining, and brick making, and natural systems such as flooding.

Survey Techniques: *Provide a clear and concise description of the work to be conducted, target species, and any survey methods used.*

Surveying occurred along the red, yellow and blue trails. Access was difficult at this point in the year due to downed trees and muddy conditions. Additional surveying occurred around where porcelain berry was previously reported in iMap Invasives. More thorough surveying should occur throughout the remainder of the trail systems to determine if any additional sites are found.

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

No, porcelain berry is a tier 2 species within the Capital Region PRISM and therefore may still be able to be eliminated from our region.

Section 2: Survey Result Summary

Common Name	Scientific Name	GPS Location	Growth Type	Phenology	Distribution Abundance	Area
Porcelain berry	Ampelopsis brevipedunculata	42.279072, -73.775546	Vine	Fruit	Dense Patches	At least 1 acre

Growth Type: (T)Tree, Shrub, Vine, Ground Cover, Herbaceous, Riparian, Pest, Animal (A)Submerged, Floating, Emergent, Riparian, Pest, Animal

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

Distribution/Abundance: Sparse, Dense Patches, Dominant, Single Clump, Single Plant

Map: Develop a map of the survey area that has any iMapInvasives 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):



Section 3: Summary of Recommendations

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

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.*

Further assessment should be completed before determining management at this location. Access is difficult at this location, making future treatment difficult.

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 post treatment Invasive Species Management Plan.

Post-survey monitoring will be completed by Columbia Land Conservancy (CLC) staff in conjunction with PRISM staff to determine the full extent of this species in this location. The CLC staff reported there may be another infestation on the opposite end of the park. Therefore, a thorough survey should be completed at this site before any management is considered.