Capital Region PRISM
Partnership for Regional
Invasive Species Management
www.capitalregionprism.org

Cornell Cooperative Extension Saratoga County
50 West High St.
Ballston Spa, NY 12020

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, consultwith the Capital Region PRISM about potentially preparing a more robust survey report.

To be submitted toCapital Region PRISMfollowing thecompletion ofpartner, individual, orPRISM-ledsurvey for review. Thisformcanbe found online as "FieldSurveyReportTemplate"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.nyimapinvasives.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 sites 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 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 maybe 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. Thebiologic 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 documentsuccesses/failures, identify any changes needed, and update future treatment calendars.

NEW YORK STATE | Department of Environmental Conservation

The New York State Department of Environmental Conservation provides financial support to The Capital Region PRISM via the Environmental Protection Fund

Section 1: Survey Summary

Date: 06/25/2021
Site Name Address: Vischer Ferry Historic Preserve
County: Saratoga
Latitude and Longitude: 42.79293, -73.79588
Property Owner Contact: Vischer Ferry Nature & Historic Preserve – Clifton Park Open Spaces
Lead Contact for Survey: Nicole Campbell
Phone and Email: nlc64@cornell.edu
Overall Site Size: about 700 acres
iMapInvasives User ID: 7176

Team Members: Nicole Campbell, Greg Zuill, Trevor Maloney

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

Public access land with hiking and bike trails along the Mohawk River. Native and Invasive species can be found along most trails.

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

Target species: Garden Loosestrife

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

Section 2: Survey Result Summary

Common Name	Scientific Name	GPS Location	Growth Type
Common buckthorn	*Rhamnus cathartica*	-73.7946241, 42.7930411	Shrub
Common buckthorn	*Rhamnus cathartica*	-73.795833, 42.7925563	Shrub
Rugosa rose	*Rosa rugosa*	-73.7958559, 42.7925769	Shrub
Oriental bittersweet	*Celastrus orbiculatus*	-73.7958171, 42.7924786	Vine
Climbing nightshade	*Solanum dulcamara var. dulcamara*	-73.7954571, 42.7914443	Vine
Black Locust	*Robinia pseudoacacia*	-73.795853, 42.7926177	Tree
Mugwort	*Artemisia vulgaris var. vulgaris*	-73.7954639, 42.7915621	Herbaceous
Mugwort	*Artemisia vulgaris var. vulgaris*	-73.7958759, 42.7929301	Herbaceous
Wild Parsnip	*Pastinaca sativa*	-73.7954206, 42.7915215	Herbaceous

Autumn Olive	*Elaeagnus umbellata*	-73.79461, 42.7930325	Shrub
Autumn Olive	*Elaeagnus umbellata*	-73.7949847, 42.7929383	Shrub
St. John's wort	*Hypericum perforatum*	-73.7957585, 42.7928912	Shrub
Creeping jenny	*Lysimachia nummularia*	-73.7978854, 42.7905823	Herbaceous
Garlic mustard	*Alliaria petiolata*	-73.7949161, 42.7929661	Herbaceous
Japanese barberry	*Berberis thunbergii*	-73.7936817, 42.7934424	Shrub
Multiflora rose	*Rosa multiflora*	-73.7951091, 42.7928876	Shrub
Yellow Loosestrife/Garden Loosestrife	*Lysimachia vulgaris*	-73.7959291, 42.7926118	Herbaceous
Common Reed	*Phragmites australis ssp. australis*	-73.7948083, 42.792964	Herbaceous

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):*

Prescence points placed (purple) on June 25th 2021 showing some locations of invasive species found during the visit. Red arrow indicates one of the Garden Loosestrife that needs to be monitored in order to prevent an outbreak.

Presence points confirmed in the area.

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.*

The only tier 2 species observed was the Garden loosestrife, which displaces native plant species along the trail. This species needs to be monitored in the future to ensure it doesn't spread around the preserve or to other areas in this county.

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.

We will continue monitoring this area year by year to keep track of this species whereabouts.

Will a Management Plan be created for this project?:

N/A