



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.

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 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 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 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

Date: 07/07/2023	Property Owner Name: DEC Region 5
Site Name: Rockwood State Forest	Property Owner Contact: (518) 863-4545; info.R5@dec.ny.gov
Site Address (if different): Johnstown, NY 12095	Survey Leader Name and Title: Lauren Costello, Invasive Species Technician
County: Fulton	Survey Leader Contact: lc2227@cornell.edu
Latitude/Longitude: 43.0619787°N, 74.4991866°W	Team Member Name(s): Jessica Stewart, Angel Sawicki
Site Size: 856 acres	Team Member Contact(s): Jrs629@cornell.edu , ars436@cornell.edu

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

Rockwood State Forest is an 856-acre property located near the village of Rockwood. It contains access to Rockwood Lake, as well as several miles of trails and old logging roads. The state land is used for water quality protection, recreation, wildlife habitat and timber production.

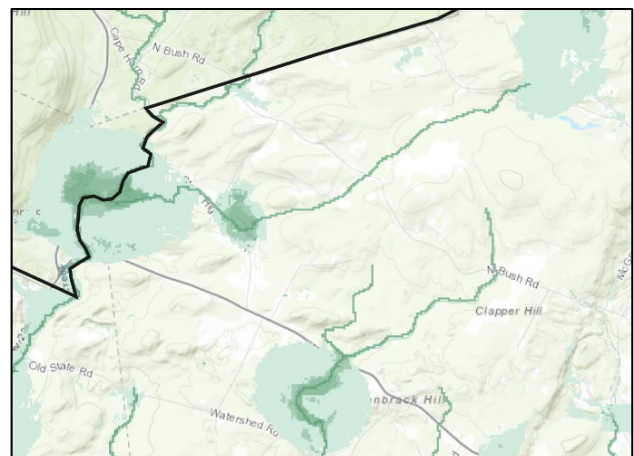
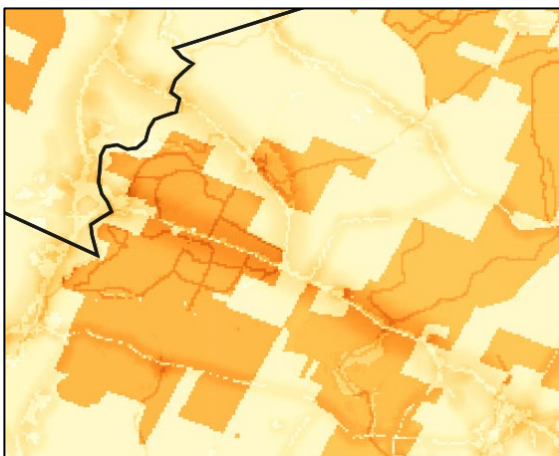
Rockwood State Forest contains 1.69 miles of hiking trails and several additional miles of marked multi-use trails that provide access to the property. Access to Rockwood Lake is obtained via a 270-foot-long path that starts from the parking area at the end of Cemetery Road and continues down to the shoreline of Rockwood Lake where visitors may hand launch non-motorized boats.

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 transect was conducted along the lake to look for hemlock woolly adelgid. Another transect was conducted close to the road across from the horse trailer parking lot.

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?

This site scored high in the comprehensive value category but less so in the ecological value category. This parcel is a Priority Conservation Area for the Capital Region PRISM.



Section 2: Survey Result Summary

Common Name	Scientific Name	GPS Location	Growth Form	Phenology	Distribution/Abundance	# of Stems	Area Infested (acres/miles if linear)
Hemlock Woolly adelgid	<i>Adelges tsugae</i>	43.06416, -74.49704	Insect	Emergence	Trace	N/A	0.1 acre
Beech leaf disease nematode	<i>Litylenchus crenatae mccannii</i>	Not detected	Insect	N/A	Not detected	N/A	Not Detected
Multiflora rose	<i>Rosa multiflora</i>	43.06188N, 74.49763W	Shrub	Fruit	Sparse	10	0.04 acres
Oriental bittersweet	<i>Celastrus orbiculatus</i>	43.06188N, 74.49763W	Vine	Fruit	Sparse	10	0.04 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

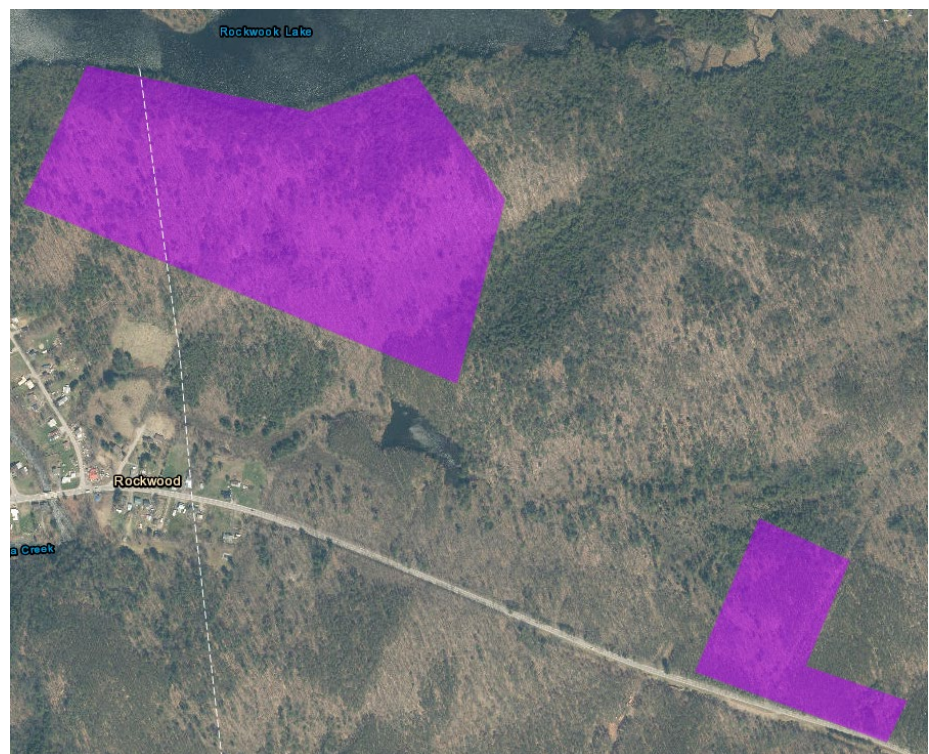
Animals: Spawning, Swarming, Migrating

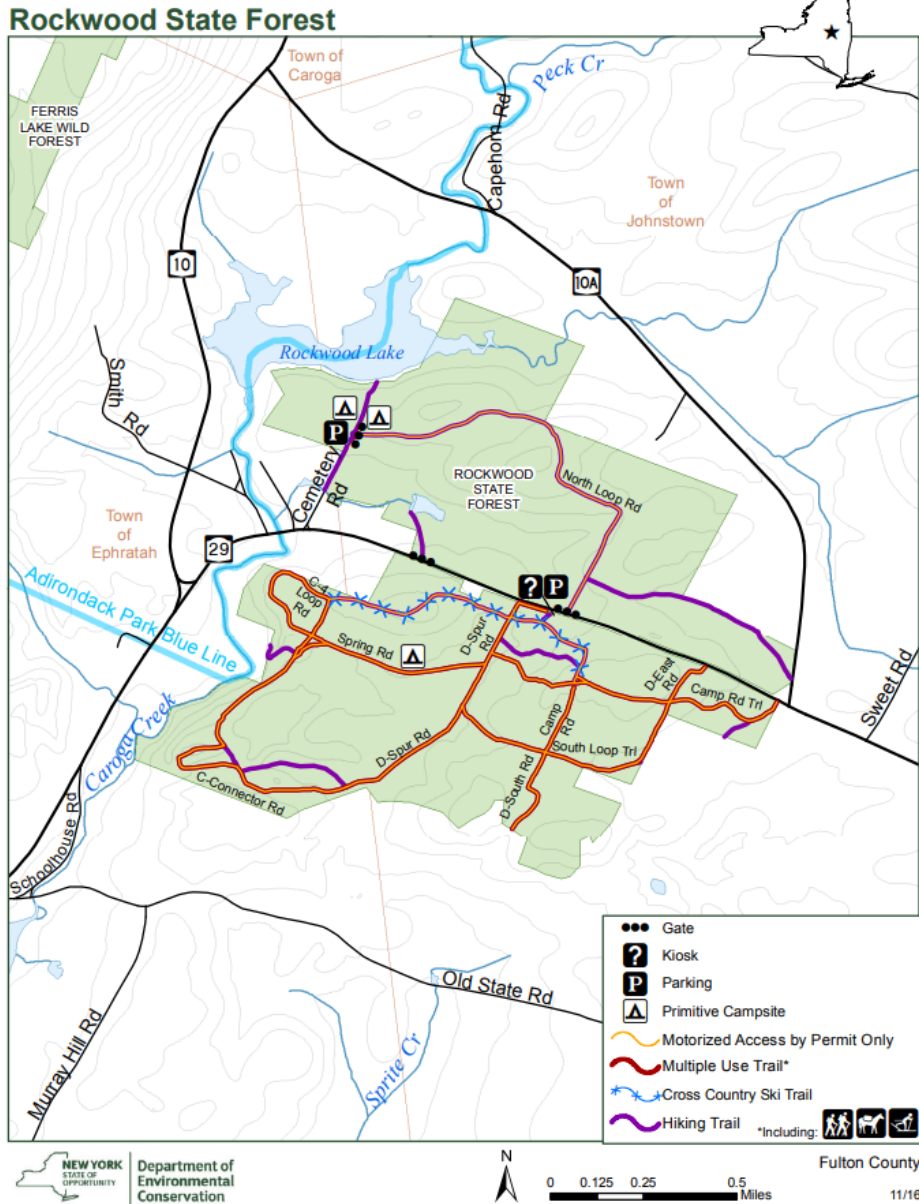
Distribution/Abundance:

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):





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.

When walking off trail in the hemlock stand, there is potential for falling tree limbs. Otherwise, there are no barriers at this site.

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.

No treatments were completed at this site. Due to the hemlock stand's overall good health, it is a good candidate for treatment for HWA by DEC in the future to reduce the spread and protect the forest's integrity.

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.

This infestation at this site will be delineated by the Capital Region PRISM and recommended for treatment to the NYS Department of Environmental Conservation. If this site remains untreated chemically it will continue to be monitored by the Capital Region PRISM for consideration of a biocontrol release.