



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: 8/4/2023	Property Owner Name: NYSDEC, Saratoga PLAN
Site Name: Spruce Mountain	Property Owner Contact: bonnien@saratogaplan.org
Site Address (if different): 1 Fire Tower Rd, Corinth NY, 12822	Survey Leader Name and Title: Lauren Costello, Invasive Species Technician
County: Saratoga	Survey Leader Contact: lc2227@cornell.edu
Latitude/Longitude: 43.215580, -73.907791	Team Member Name(s): Jessica Stewart, Angelina Sawicki
Site Size: 308 acres	Team Member Contact(s): ars436@cornell.edu , jrs629@cornell.edu

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

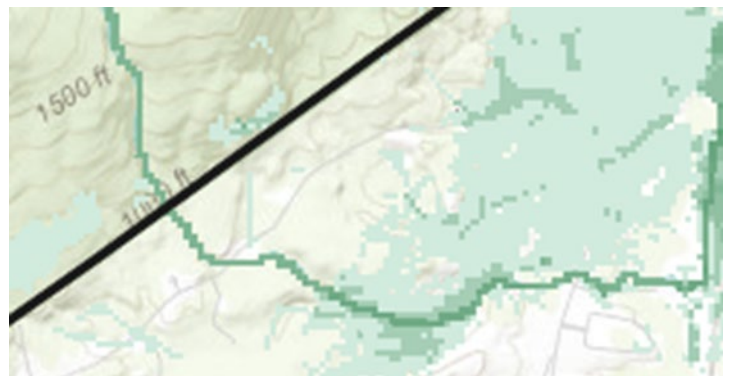
Spruce Mountain is used frequently by hikers and seasonal hunters. There is also an access road used by National Grid, as there is a National Grid building at the peak. The trail is 1.3 miles long with an elevation gain of 1,020 feet and has a 73-foot fire tower at the top.

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.).

Technicians used the Fire Tower access road to drive to the top of the mountain. A transect was completed of the Saratoga PLAN and state properties to look for HWA and EZS. Additionally, technicians conducted a visual detection and monitoring survey at the upper part of the hiking trail for invasive populations.

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 scores moderately for the comprehensive value. It does not score highly on the ecological score. This site is a partner property and Saratoga PLAN is looking into treatment options to preserve hemlocks at this location.



Section 2: Survey Result Summary

Common Name	Scientific Name	GPS Location	Growth Form	Phenology	Distribution/ Abundance	Area Infested (acres/miles if linear)
Elm zigzag sawfly	<i>Aproceros leucopoda</i>	43.21652N, -73.90567W	Insect	Larvae	Sparse	Found on one tree
Hemlock woolly adelgid	<i>Adelges tsugae</i>	Not detected	Insect	Not Detected	Not Detected	Not detected

Growth Form:

Terrestrial: Ground Cover, Herbaceous, Vine, Shrub, Tree, Insect, Animal
Aquatic: Submerged, Floating, Emergent, Riparian, Animal

Phenology:

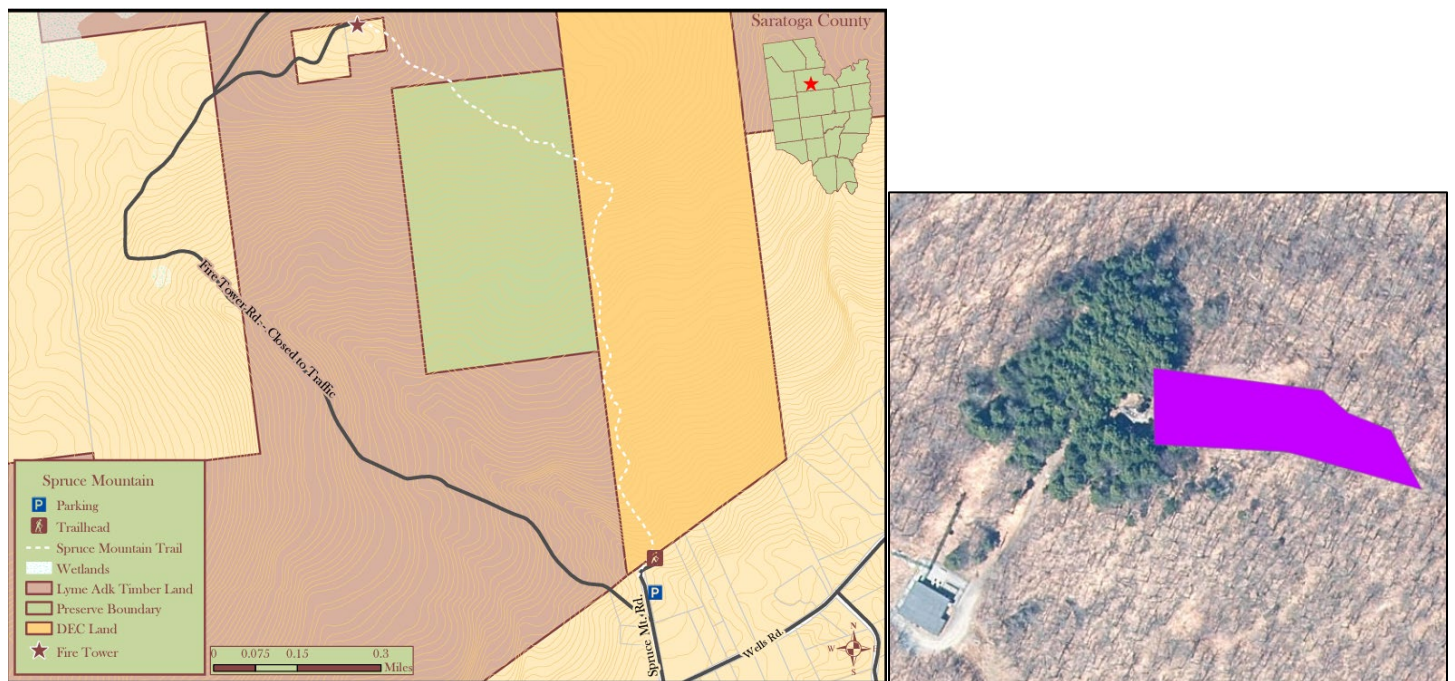
Plants: Vegetative, Flowering, Fruit/In Seed, Dormant, Dead
Insects: Emergence, Swarming, Spawning
Animals: Spawning, Swarming, Migrating

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.

The Fire Tower access road bisects private property and is challenging to turn around on near the top of the mountain. A 4WD vehicle is recommended for traveling to this site. Otherwise, there are no barriers.

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 tree impacted by EZS could be treated in the future, as it is an isolated population on the mountaintop. No other treatments are recommended at this time.

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.

The Capital Region PRISM will work with Saratoga PLAN staff to encourage a monitoring network through their volunteer program for any newly detected species on their properties.