



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 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

Date: 7/24/2023	Property Owner Name: DEC Region 4
Site Name: Rural Grove State Forest	Property Owner Contact: (607) 652-7365
Site Address (if different): Sprakers, NY 12166	Survey Leader Name and Title: Jessica Stewart
County: Montgomery	Survey Leader Contact: Jrs629@cornell.edu
Latitude/Longitude: 42.86013221868237, -74.4041014547556	Team Member Name(s): Angel Sawicki, Lauren Costello
Site Size: 130 acres	Team Member Contact(s): ars436@cornell.edu lc2227@cornell.edu

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

Rural grove state forest is comprised of 1,286 acres. This land is used for timber production, recreational use, watershed protection and wildlife habitat. Camping, hunting, trapping, and snowmobiling are all permitted. There are two access roads that run through the state forest mainly used by snowmobilers and cross-country skiers. This site has a few hemlocks stands, wetlands, and red spruce timber stands.

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.).

CR-PRISM team surveyed along the access road forming transects through some of the hemlock stands. The target species for this site was elm zig-zag sawfly because it hadn't been recorded in this county. Smaller patches of invasive species were managed along access roadway.

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 did not score high on the ecological value indicator. However, it scored moderately on the comprehensive value indicator.

Section 2: Survey Result Summary

Common Name	Scientific Name	GPS Location	Growth Form	Phenology	Distribution/Abundance	Area Infested (acres/miles if linear)
Elm Zig-Zag Sawfly	<i>Aproceros leucopoda</i>	42.8601322186 8237, - 74.4041014547 556	N/A	Emergence	Sparse	.5 miles
Honeysuckle	<i>Lonicera spp.</i>	42.8601322186 8237, - 74.4041014547 556	Shrub	Fruit	Linearly scattered	3.8 miles
Multiflora rose	<i>Rosa multiflora</i>	42.8601322186 8237, - 74.4041014547 556	Shrub	Fruit	Linearly scattered	3.8 miles
Spotted Knapweed	<i>Centaurea stoebe</i>	42.8601322, -74.40410	Herbaceous	Flowering	Linearly scattered	3.8 miles
Moneywort	<i>Lysimachia nummularia</i>	42.8601322, -74.40410	Groundcover	In seed	Linearly scattered	3.8 miles
Buckthorn	<i>Rhamnus cathartica</i>	42.8601322, -74.40410	Tree	Fruit	Linearly scattered	3.8 miles
Common reed	<i>Phragmites australis</i>	42.86013221, -74.40410145	Herbaceous	In seed	Dense	.0073 acres
Japanese Stiltgrass	<i>Microstegium vimineum</i>	42.860132217, -74.4041014	Herbaceous	Vegetative	Linearly scattered	.6 miles

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

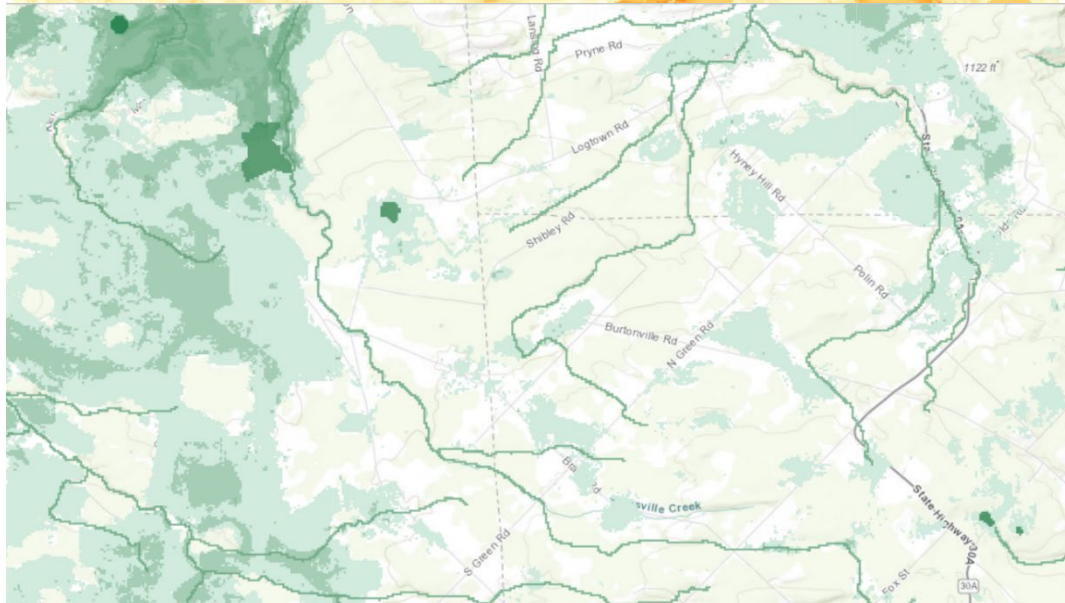
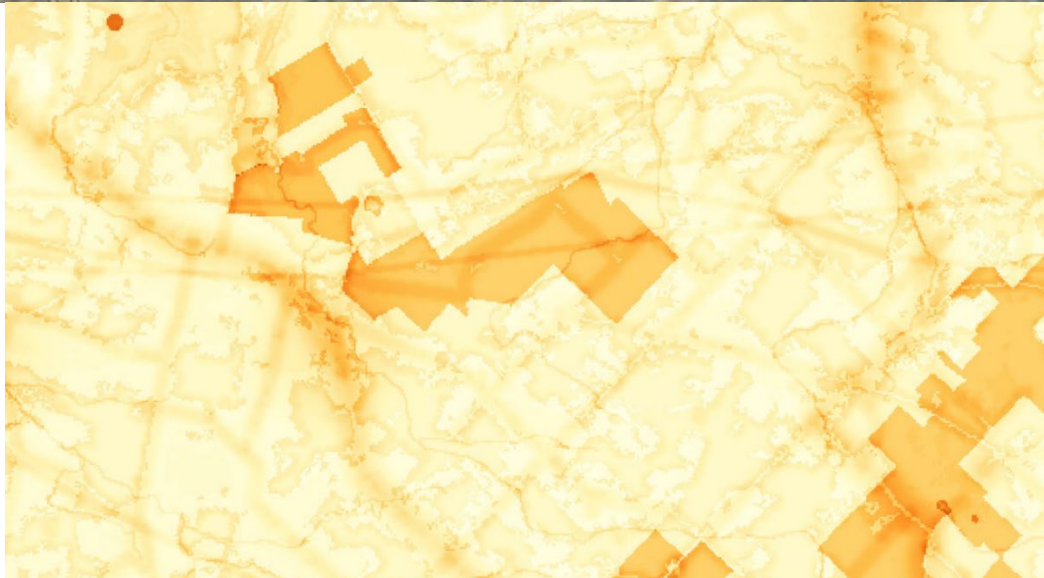
Animals: Spawning, Swarming, Migrating

Distribution/Abundance:

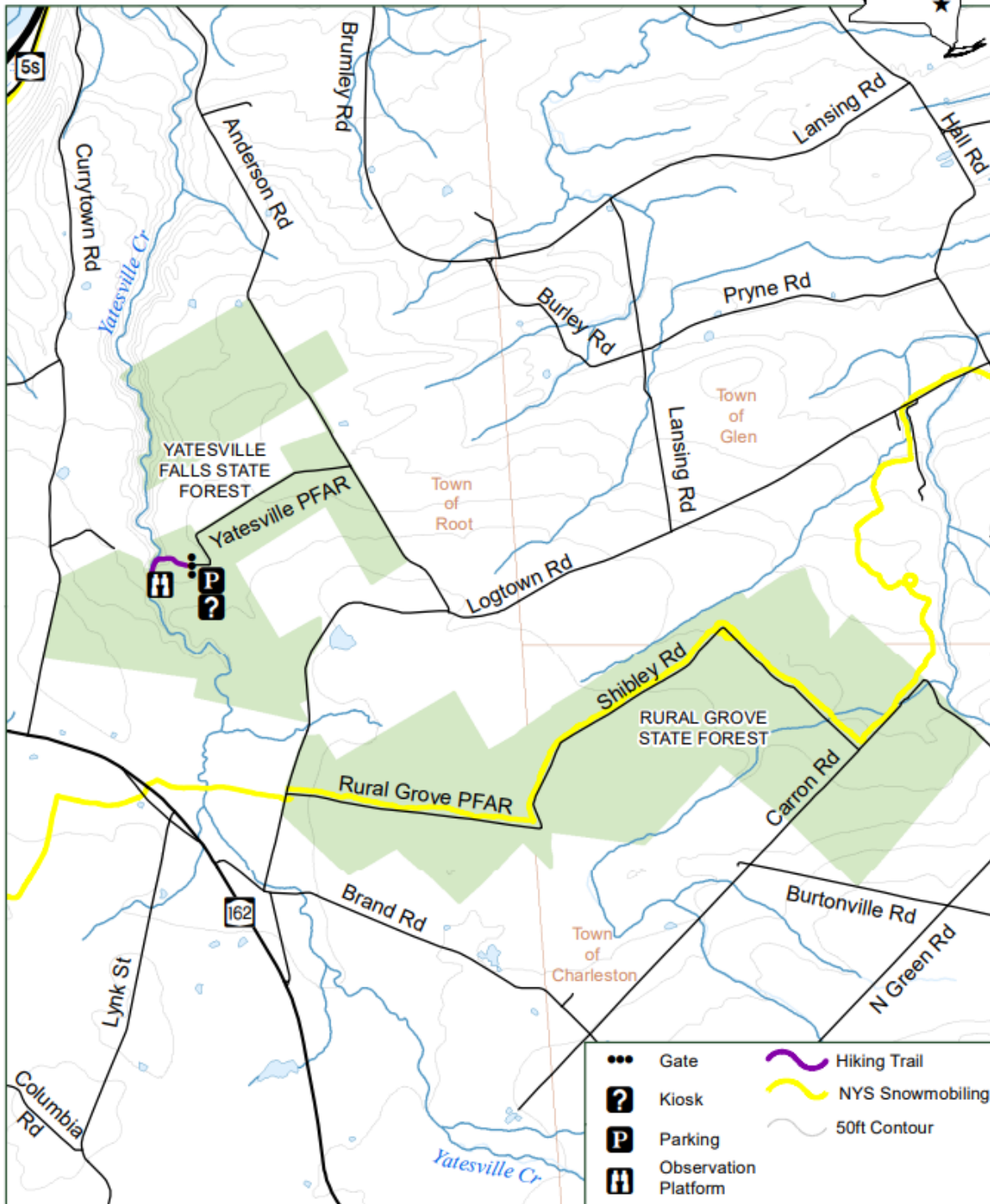
Trace (single plant/clump), Sparse (scattered plants/clumps), Dense plants/clumps, Monoculture, Linearly scattered

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):**



Rural Grove and Yatesville Falls State Forests



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.

Some of the access roads were wet and flooded, making driving difficult. Some downed trees also made roadway access difficult.

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.

This site was heavily invaded and currently there are no suggestions for treatments.

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.

Due to the high level of invasive species at this site, this state forest is a lower priority for regular surveys but should be monitored for high threat species once every three or four years to ensure no new detections of Tier 2 species in the PRISM region.