



# Capital Region Partnership for Regional Invasive Species Management Detection & Monitoring Report

## **Purpose:**

The Invasive Species Survey Report will provide an overview and help identify baseline site composition and guide potential invasive species response actions (control/treatment, post-treatment monitoring, adaptive management, restoration, and research) at a specific site over time.

This form can be found online as "Detect & Monitor Survey Report Template" at <https://www.capitalregionprism.org/reports-and-products.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](#). 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. Save the report for your records and to guide potential future management decisions.

To determine site value, we recommend using a [Framework of Response](#). Resources the Capital Region PRISM recommends are the New York Natural Heritage Program (NYNHP) [Prioritization Model](#), the [New York Protected Area Database \(NYPAD\)](#) and the [New York State Department of Environmental Conservation Resource Mapper](#). These models and databases will allow you to assess your site's value based on a few factors. Sites should receive a comprehensive evaluation that includes ecological considerations such as ecosystem health and composition, invasive species present on site, and conservation targets. Other factors to consider are the significance of a site's cultural, social, or recreational value to the public. Although the Capital Region PRISM cannot directly assist with all projects, we can provide consultations to determine how to begin assessing ecosystem health and invasive species present on the property as well as provide best management practices regarding invasive species response.

## **Section 2: Survey Result Summary**

The survey summary section will contain the goals, site description, survey methods, and maps generated from your survey efforts. Please fill out the provided table and insert screen shots of iMapInvasives maps and other relevant maps or documents. This form will serve as a record of your efforts and is intended to guide future management decisions.

## **Section 3: Summary of Recommendations**

The recommendation section contains treatment calendars and post-season summaries. Most sites need to be revisited on a regular basis to document successes/failures, identify any changes needed, and update future treatment calendars.



## Section 1: Survey Summary

General Information	
Date Survey Conducted: 07/01/24	Property Owner Name, Title, and Contact: Bryan Ellis, NYS DEC Regional Forester (Region 5) <a href="mailto:bryan.ellis@dec.ny.gov">bryan.ellis@dec.ny.gov</a> , (518) 623-1275
Site Name: Lincoln Mountain State Forest	
Site Address (if different): Lincoln Mountain State Forest, Greenfield Center, NY 12833	Survey Leader Name, Title, and Contact: Riley Willard, Invasive Species Technician, <a href="mailto:rjw278@cornell.edu">rjw278@cornell.edu</a>
Latitude/Longitude: 43.190781°N, 73.798235°W	County: Saratoga
Total Parcel Size (acres): 982 acres	Team Member Name(s) and Title(s): Joe Simonds, Invasive Species Technician
Worksite Size (acres): 0.159 acres	Permit(s)/Permission(s) Acquired? Yes, Temporary Revocable Permit
Report Author: Riley Willard, Sam Schultz	Data Recorder & iMapInvasives ID: Joe Simonds- 29191

**\*\*\*Remember to obtain proper permissions before completing any detection & monitoring project. Please attach any permits/permissions completed for this project as an appendix.**

### Conservation Goal:

- Delineate & assess a conservation value       To prevent and protect a conservation value  
 Local Eradication       Post-Treatment Monitoring       Containment  
 Suppression       Exclusion       Restoration

### Survey Type:

- Detection     Delineation     Follow-up Monitoring     Detection Training     eDNA  
 Highly Probable Areas     Volunteer Engagement     Crew Assistance Program Project

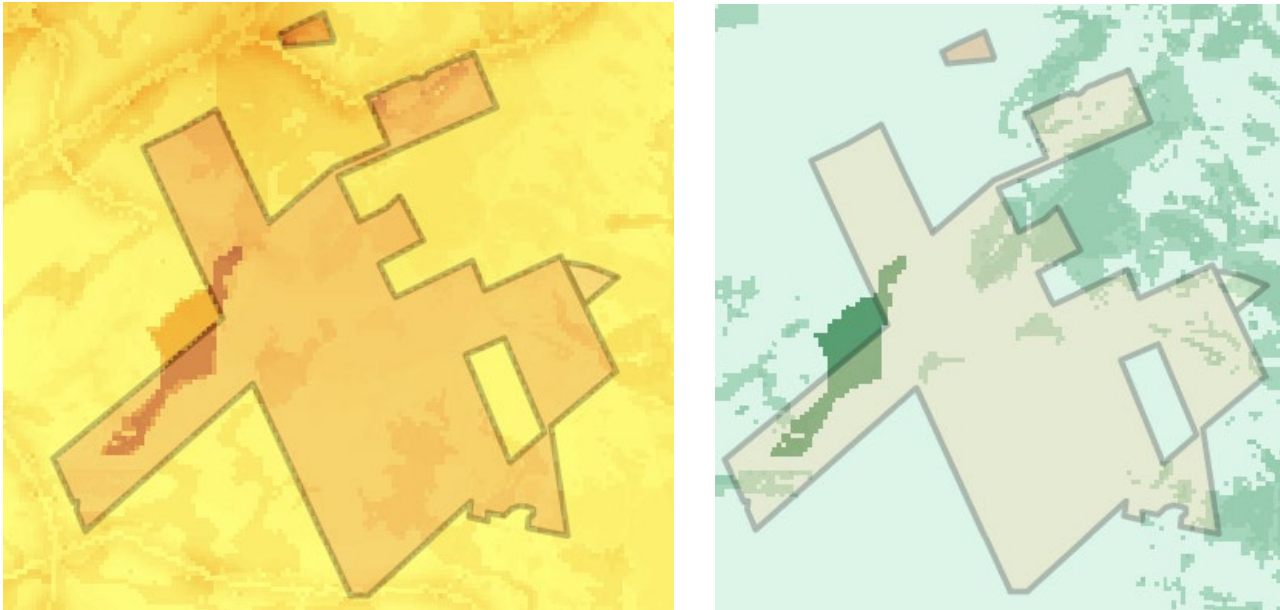
**Site Description:** Provide existing conditions of the site, current land use, landscape elements, historical uses, etc. This section should include information such as habitat composition, dominance of native species, list any known native species on site (both common and scientific names), any protected properties or larger landscape features that include site, etc.

The 982-acre Lincoln Mountain State Forest does not have any marked hiking trails. Several old, unmarked logging roads throughout the property are open to recreation. Additionally, there is a major "truck trail" which connects with Cohen Road and crosses state land for about one mile toward the southern boundary. This is classified for motor vehicle use; high clearance four-wheel drive vehicles are highly recommended.

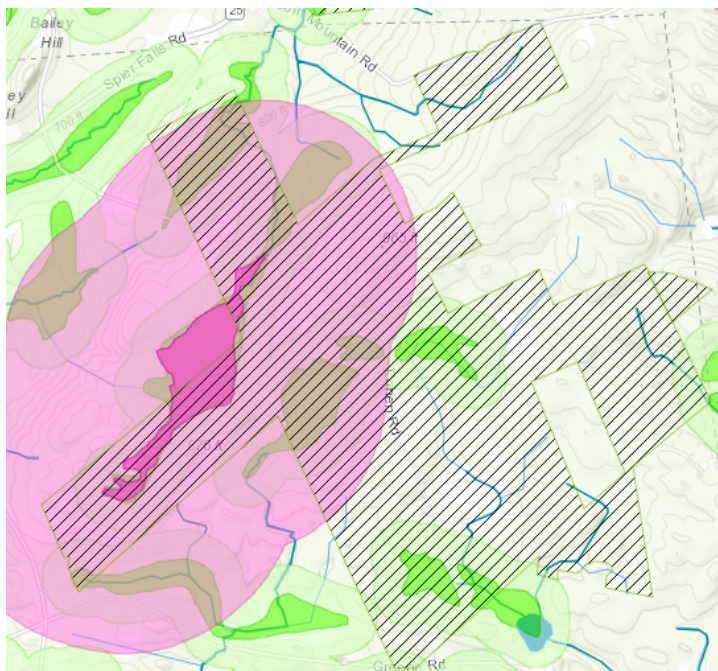
**Survey Techniques:** Provide a clear and concise description of the work to be conducted, target species, and any survey methods used (i.e. Highly probable area search, rake toss, transect, etc.).

The PRISM team surveyed highly probable areas, including parking lots and trailheads.

**Site Significance:** Some recommended resources to identify high priority sites include: the [CR-PRISM Framework of Response](#), the [NYNHP Prioritization Model](#), the [NYS DEC Environmental Resource Mapper](#)? Please provide screenshots of any maps and/or models used to determine the site is a priority and describe why they show the site is a priority. What other reason is present for conducting the survey (rare, threatened, endangered species, partner property, significant habitat present, etc.)?



**Figures 1 & 2:** The screenshots from above are taken from the NYNHP Prioritization Mapper. The left screenshot shows the comprehensive score (ecological significance, risk of spread and protection status). The screenshot on the right shows the ecological score. This location scores low-moderate for both the comprehensive and ecological scores.



**Figure 3:** The screenshots from above is taken from the NYS DEC Resource Mapper, which shows natural resources located on the property. Lincoln Mountain State Forest has a variety of wetland complexes throughout the property as well as a red maple-blackgum swamp (high quality occurrence of rare community type).

## Section 2: Survey Result Summary

Common Name & Scientific Name	Tier Rank	Threat Ranking	Growth Form	Phenology/ Life stage	Percent Cover (%)	Distribution/ Abundance	Area Infested (acres/miles if linear)	For Highly Probable Areas Area Treated (acres/miles if linear)
Morrow's honeysuckle (Lonicera morrowii)	4	Very High	Shrub	Fruit	51%-75%	Trace	0.02 acres	0 acres
Common buckthorn (Rhamnus cathartica)	4	Very High	Tree	Vegetative	51%-75%	Trace	0.02 acres	0.02 acres

**Map:** Develop a map of the survey area that has the searched area, any iMapInvasives points, polygons and/or lines for presence or non-detection. Multiple maps may be added for multiple species or locations. If available, include a property map for a comprehensive view of the property. All searched areas, detection and non-detection data should be uploaded to the CR-PRISM SharePoint Tracker and iMapInvasives.

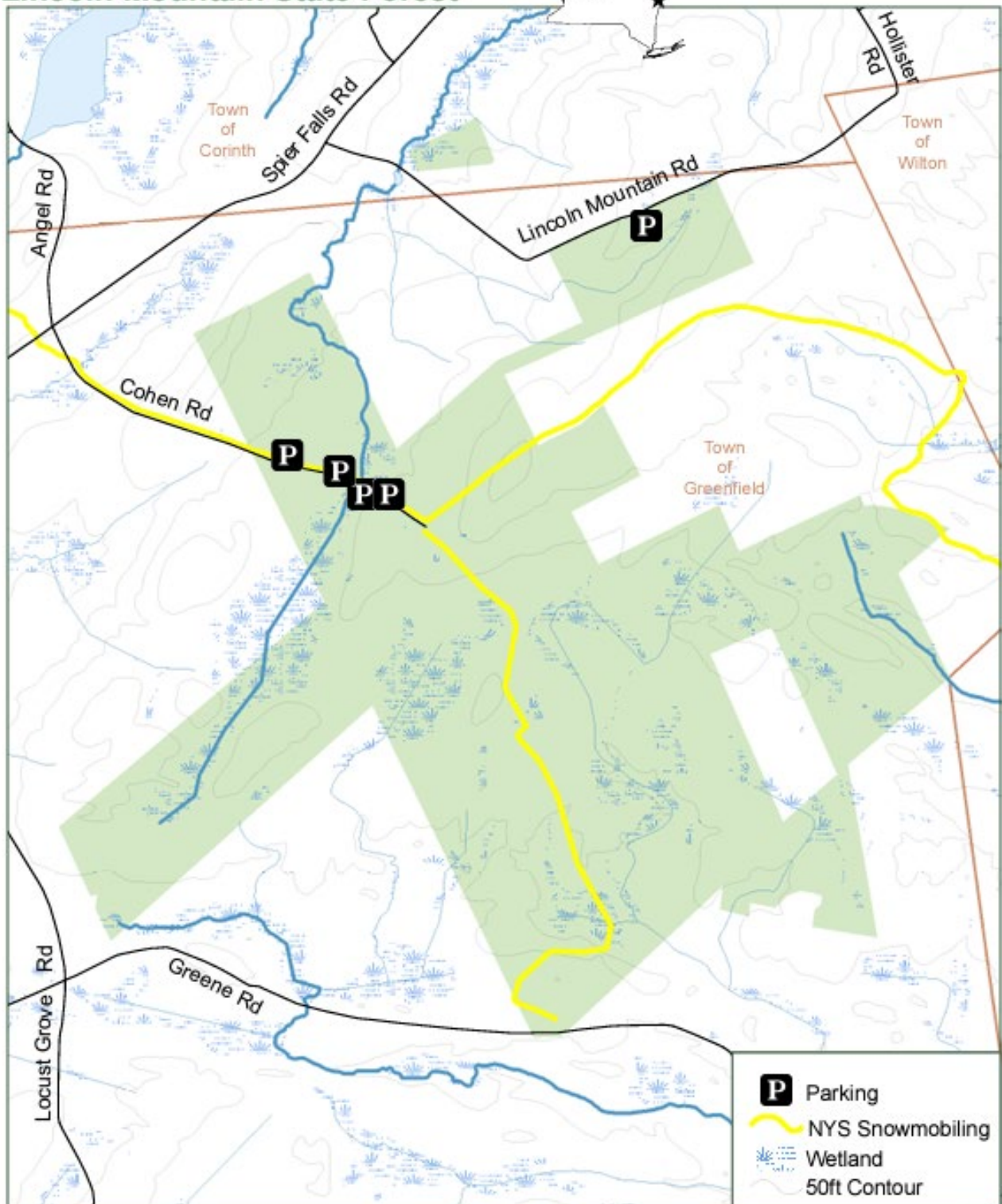
- Insert Survey Map(s):



The screenshots above show the surveyed parking lots surrounding Lincoln Mountain State Forest. All but two parking lots did not have any invasive species detected during this survey.



# Lincoln Mountain State Forest



Department of  
Environmental  
Conservation



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Saratoga County

1 Miles 12/21

### **Section 3: Summary of Recommendations**

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

**Additional Notes:** Provide any additional information that is not included above regarding species surveyed for or about the survey itself. Were there any barriers or issues that arose before or during the survey? Provide any advice that could limit barriers or issues in the future.

For future work actions it should be noted that there is a large population of deer flies. It is recommended to conduct work at this location outside of the deer fly season. If work needs to be conducted during this time, long sleeve shirts and bug nets are strongly recommended.

**Response:** Briefly describe any recommendations for future response methods, why they are recommended, and any alternatives to consider. Please use abundance and site-specific factors in your recommendation. If conducting a highly probable area survey, please list any response actions taken while on-site. Optional: Attach or reference BMP guidance document. Consider state and local permitting requirements.

Continue to monitor and elevate to management as necessary.

**Post-Survey Monitoring:** Briefly describe the monitoring procedure, when it will occur, and who will complete it. Consider the phenology of species when suggesting timelines. If a response goal such as eradication, suppression, containment and/or 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.

Monitoring should occur early in the year prior to deer fly populations emerging. PRISM staff will continue to monitor this area focusing on forest pests but noting any invasives that are present on the property, elevating them for management as needed.