SARATOGA SANDPLAINS SPECIES SURVEY 2019:

Anna Kuhne, Lauren Mercier, and Kelsey Stevens

***Introduction: :*** *In July of 2019, the Terrestrial Invasive Species interns, from Siena College, and the education and outreach coordinator went to look for early detection invasive species throughout the Capital-Mohawk PRISM. The Siena interns, Anna Kuhne and Kelsey Stevens, focused on terrestrial invasive plant surveys at highly susceptible and valuable habitats throughout the PRISM region. The following is an abridged summary of some of the findings of the survey throughout the Saratoga Sandplains of the Wilton Wild Preserve. The PRISM works throughout 11 counties around the capital region to detect, prevent, and control invasive species.*

**Project Description:** Surveying terrestrial invasive plants in the park

**Dates:** June 28thth, 2019

**Participants:** Capital Mohawk Prism, Cornell Cooperative Extension, and NYS DEC

**Point of Contact:** [Info.R5@dec.ny.gov](mailto:Info.R5@dec.ny.gov)

**County:** Saratoga County

**Locations and Species Identified:**

**Hudson Crossings (NYS DEC Region 5 Brook Office):** Scouting was done on the trails throughout the Saratoga Sandplains / Wilton Wildlife Preserve.

Invasive Species Present at (SARATOGA SANDPLAINS)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Common Name | Scientific Name | Locations (GPS) | Growth Type | Phenology |
| Garlic Mustard | Alliaria petiolata | 43.15483 -73.69801 | Herbaceous | Gone to Seed |
| Japanese Knotweed | Reynoutria japonica | 43.15378 -73.69932 | Herbaceous | Vegetative |
| Spotted Knapweed | Centaurea stoebe | 43.15692 -73.69523 | Herbaceous | Vegetative |
| Oriental Bittersweet | Celastrus orbiculatus | 43.15426 -73.70199 | Vine | Vegetative |
| Black Locust | Robinia pseudoacacia | 43.1578 -73.69535 | Tree | Vegetative |
| Honeysuckle | Lonicera spp | 43.15462 -73.69831 | Shrub | In Seed |
| Common Reed | Phragmites australis | 43.154 -73.70012 | Herbaceous | Vegetative |
| Water Chestnut | Trapa natans | 43.15373 -73.69926 | Aquatic | Vegetative |
| Great Mullein | Verbascum thaspus | 43.1548 -73.69806 | Herbaceous | Vegetative |
| Crown Vetch | Coronilla varia | 43.15378 -73.69591 | Herbaceous | Flowering |
| Japanese Hops | Humulus japonicus | 43.15466 -73.6983 | Herbaceous | Vegetative |
| Birdfoot Deervetch | Lotus corniculatus | 43.15353 -73.6959 | Herbaceous | Flowering |

**Dominant Native Plants: Sugar maple, blueberries, hemlocks, princess pines, ground cedars, lupine, and ferns**

**Native Community Types: Forest and sandy plains**

**Treatment Method: N/A**

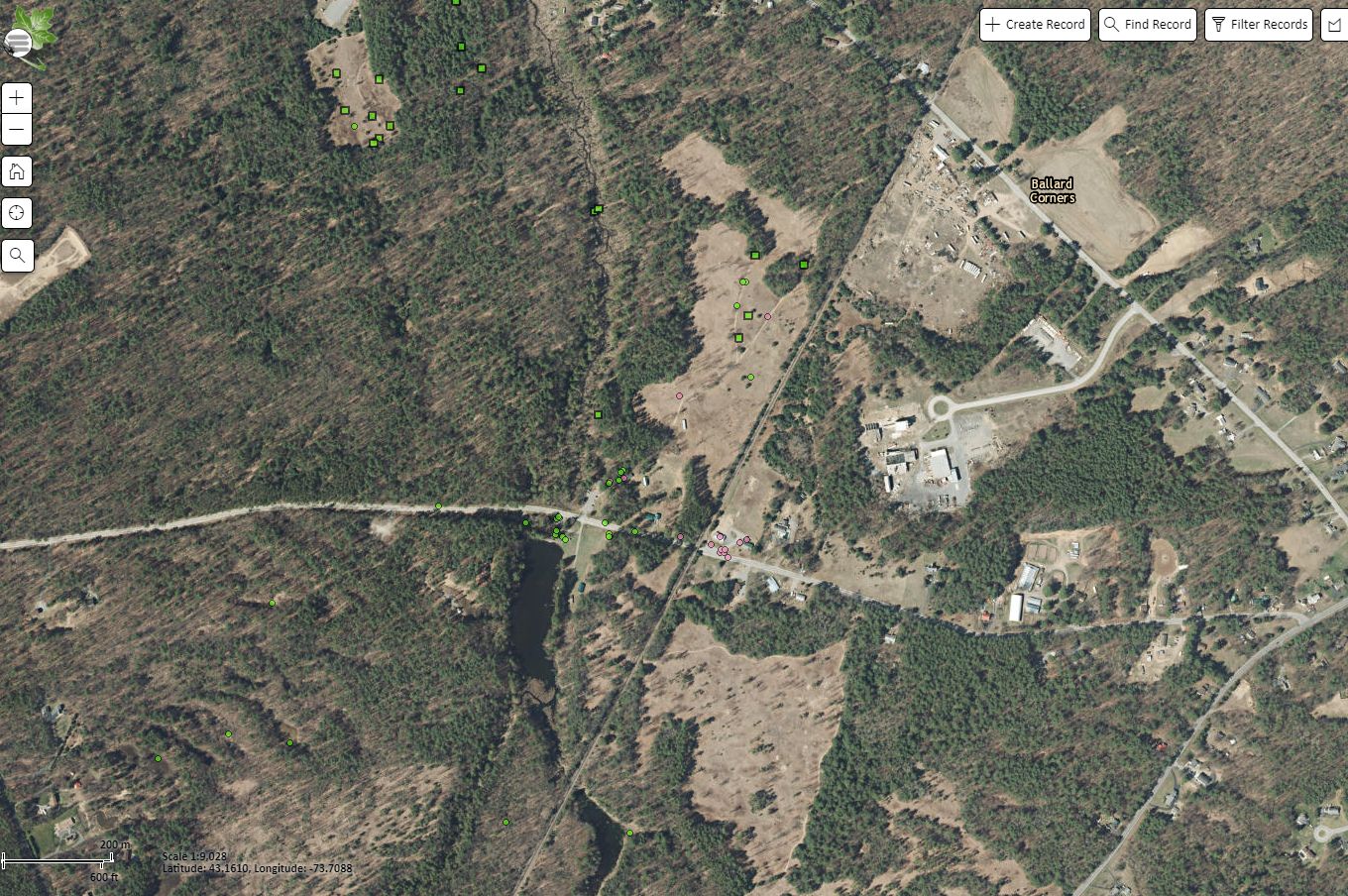
**Summary of Work Completed:**

* 1. Scouting and surveying for invasive terrestrial plants

**Recommendations for the Future:**

***Contact Anna Kuhne at*** [***av13kuhn@siena.edu***](mailto:av13kuhn@siena.edu)***, Lauren Mercier at*** [***lnm47@cornell.edu***](mailto:lnm47@cornell.edu), ***or Kelsey Stevens at*** [***kao04stev@siena.edu***](mailto:kao04stev@siena.edu) ***for any questions regarding this report.***

**Figure 1. Map of points taken during scouting and surveying of invasive terrestrial plants at the Saratoga Sandplains of the Wilton Wildlife Preserve in Saratoga County.**



**Figure 2. Oriental Bittersweet at the Saratoga Sandplains of the Wilton Wildlife Preserve**

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**Figure 3. Great Mullein / Common Mullein at the Saratoga Sandplains of Wilton Wildlife Preserve**

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