WOODLAWN PRESERVE INVASIVE SPECIES SURVEY AND REMOVAL 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 Woodlawn 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:** July 13th, 2019

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

**Point of Contact:** Steve Young, DEC

**County:** Schenectady County

**Locations and Species Identified:**

**Woodlawn Preserve ((518) 346 – 6775):** Removal of Yellow Iris and Cyprus Spurge was done on the trail on the woodlawn preserve property.

***Invasive Species Present at Woodlawn Preserve: This table presents species that have been identified in the area in the past and present***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Common Name | Scientific Name | Locations (GPS) | Growth Type | Phenology |
| Common Reed | *Phragmites australis* | 42.76431  -73.90651 | Herbaceous | Vegetative |
| Norway Maple | *Acer platanoides* | 42.76721  -73.90652 | Tree | Vegetative |
| Oriental Bittersweet | *Celastrus orbiculatus* | 42.76775  -73.91038 | Vine | Vegetative |
| Multiflora Rose | *Rosa multiflora* | 42.76699  -73.91057 | Shrub | Vegetative |
| Spotted Knapweed | *Centurea stoebe* | 42.76603  -73.90939 | Herbaceous | Vegetative |
| Garlic Mustard | *Alliaria petiolate* | 42.76617  -73.90659 | Herbaceous | In Seed |
| Mugwort | *Artemisis vulgaris* | 42.76738  -73.91075 | Herbaceous | Vegetative |
| Queen Anne’s Lace | *Daucus carota* | 42.76408  -73.90444 | Herbaceous | Flowering |
| Smooth Crabgrass | *Digitaria ischaemum* | 42.76408  -73.90444 | Herbaceous | Vegetative |
| Honeysuckle | *Lonicera spp* | 42.76649  -73.90477 | Shrub | In Seed |
| Purple Loosestrife | *Lythrum salicaria* | 42.76764  -73.91089 | Herbaceous | Vegetative |
| Japanese Spurge | *Pachysandra terminalis* | 42.76562  -73.90344 | Herbaceous | Vegetative |
| Japanese knotweed | *Reynoutria japonica* | 42.76723  -73.90939 | Herbaceous | Vegetative |
| Curly Pondweed | *Potamogeton crispus* | 42.76523  -73.90653 | Herbaceous | Vegetative |
| Common Buckthorn | *Rhamnus cathartica* | 42.76847  -73.90387 | Tree | Vegetative |
| Black Locust | *Robinia*  *Pseudoacacia* | 42.76585  -73.90922 | Tree | Vegetative |
| Cyprus Spurge | *Euphorbia cyparissias* | 42.76416  -73.90441 | Herbaceous | Vegetative |
| Yellow Iris | *Iris pseudacorus* | 42.76643  -73.90587 | Herbaceous | Vegetative |

**Dominant Native Plants:** Sugar maple, red oak trees

**Native Community Types:** Meadow, forest, lake

**Treatment Method:** Manual Removal of yellow iris and Cyprus spurge

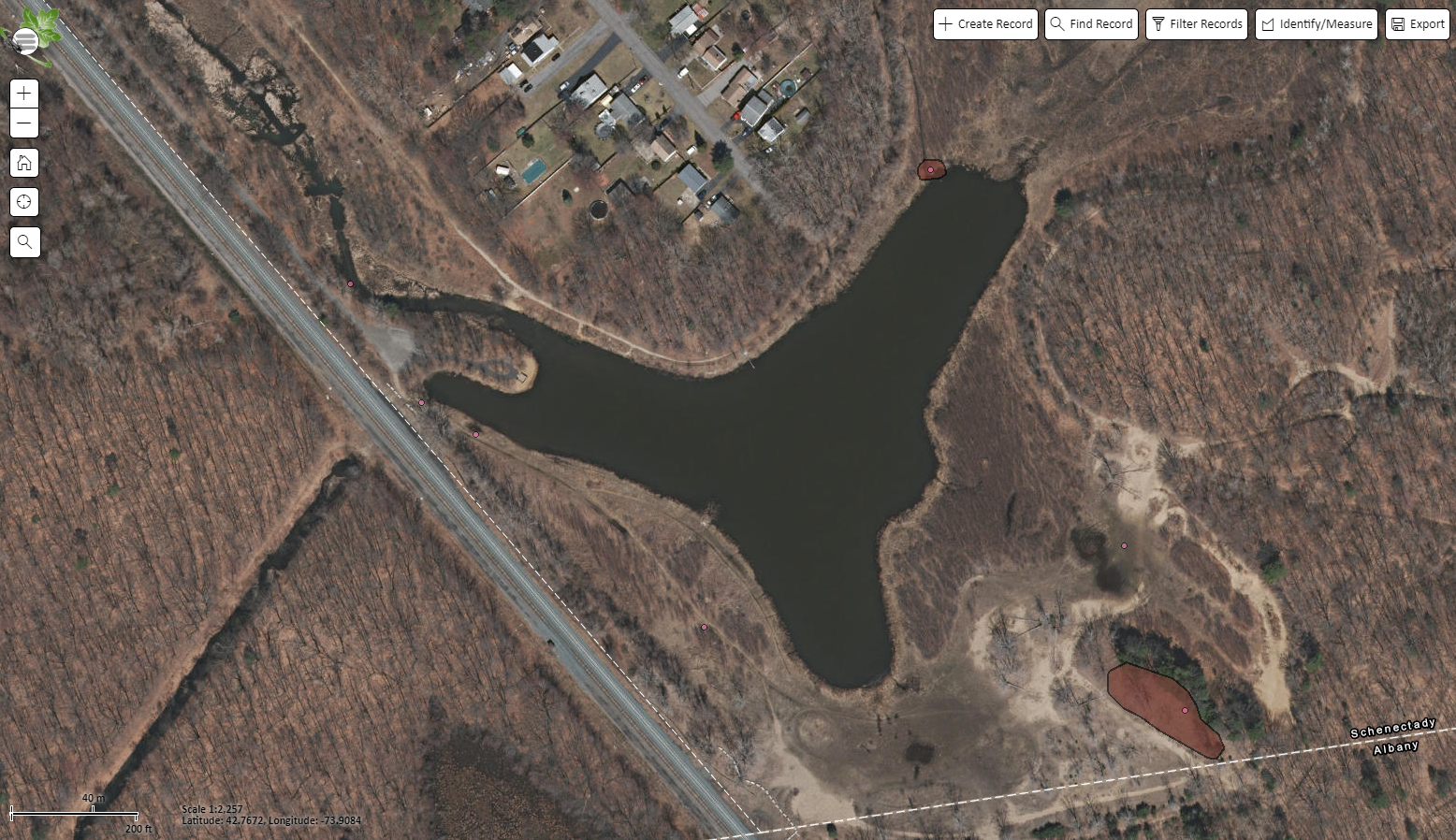
**Summary of Work Completed:**

* 1. Removal of yellow iris and Cyprus spurge

**Recommendations for the Future:** Continue to monitor yellow iris and Cyprus spurge for new growth at the removal sites.

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**Figure 1: Map of Woodlawn Preserve. The removal areas are the brown polygons. The yellow iris removal site is the point and polygon in the northern are of the map and the cyprus spurge removal site is the point and polygon in the southern area of the map.**



**Figure 2. A bunch of cyprus spurge (*Euphorbia cyparissias)* that was removed manually by hand at Woodlawn Preserve**

