SIX MILES WATERWORKS PARK INVASIVE SPECIES SURVEY 2019:

Emily Caboot, 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 Six Miles Water Works Park. 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 17th, 2019

**Participants:** Capital Mohawk Prism, Cornell Cooperative Extension, NYS DEC, and Albany Pine Bush Preserve

**Point of Contact:** [info@albnaypinebush.org](mailto:info@albnaypinebush.org)

**County:** Albany County

**Locations and Species Identified:**

**Six Miles Waterworks Park (**[infor@albnaypinebush.org](mailto:infor@albnaypinebush.org)**):** Surveying was done around the parking lots and on the trails of the Six Miles Waterworks Park.

***Invasive Species Present at Six Miles Waterworks Park:*** This table presents species that have been identified in the area in the past and present including both terrestrial and aquatic invasive species.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Common Name | Scientific Name | Locations (GPS) | Growth Type | Phenology |
| Common Reed | *Phragmites australis* | 42.69854  -73.83571 | Herbaceous | Vegetative |
| Norway Maple | *Acer platanoides* | 42.69662  -73.82951 | Tree | Vegetative |
| Japanese Barberry | *Berberis thunbergii* |  | Shrub |  |
| Oriental Bittersweet | *Celastrus orbiculatus* | 42.69626  -73.83098 | Vine | In Seed |
| Black Locust | *Robinia pseudoacacia* | 42.69859  -73.83722 | Tree | Vegetative |
| Honeysuckle | *Lonicera spp* | 42.69863  -73.83543 | Shrub | In Seed |
| Multiflora Rose | *Rosa multiflora* | 42.69661  -73.8343 | Shrub | Vegetative |
| European Barberry | *Berberis vulgaris* | 42.69659  -73.83428 | Shrub | Vegetative |
| Spotted Knapweed | *Centurea stoebe* | 42.69754  -73.83552 | Herbaceous | Flowering |
| Tree – of – Heaven | *Ailanthus altissima* | 42.69837  -73.83694 | Herbaceous | Flowering |
| European Lily of the Valley | *Convallaria majalis* | 42.69663  -73.8296 | Herbaceous | In Seed |
| Garlic Mustard | *Alliaria petiolata* | 42.69667  -73.82959 | Herbaceous | In Seed |
| Canada Thistle | *Cirsum arvense* | 42.69631  -73.83159 | Herbaceous | Flowering |
| Bull Thistle | *Cirsium vulgare* | 42.6983  -73.83615 | Herbaceous | Flowering |
| Wild Carrot, Queen Anne’s Lace | *Daucus carota* | 42.69615  -73.83232 | Herbaceous | Flowering |
| Cypress Spurge | *Euphoria cyparissias* | 42.69847  -73.83726 | Herbaceous | Vegetative |
| Knotweed | *Reynoutria spp* | 42.69843  -73.83733 | Herbaceous | Vegetative |
| Glossy Buckthorn | *Frangula alnus* | 42.6981  -73.83341 | Tree | Vegetative |
| Ground Ivy | *Glechoma hederacea* | 42.69669  -73.82956 | Herbaceous | Vegetative |
| Birdfoot Deervetch | *Lotus corniculatus* | 42.69598  -73.83283 | Herbaceous | Flowering |
| Purple Loosestrife | *Lythrum salicaria* | 42.69606  -73.83254 | Herbaceous | Flowering |
| White Mulberry | *Morus alba* | 42.69717  -73.83502 | Tree | Vegetative |
| Eurasian Water-milfoil | *Myriophyllum spicatum* | 42.69635  -73.83168 | Aquatic | Vegetative |
| Japanese Knotweed | *Reynoutria japonica* | 42.69781  -73.83593 | Herbaceous | Vegetative |
| Curly Pondweed | *Potamogeton crispus* | 42.69734  -73.83131 | Aquatic | Vegetative |
| Common Buckthorn | *Rhamnus cathartica* | 42.69612  -73.83086 | Tree | Vegetative |
| Climbing Nightshade | *Solanum dulcamara* | 42.69842  -73.83687 | Vine | Flowering |
| Coltsfoot | *Tussilago farfara* | 42.6961  -73.83255 | Vine | Vegetative |
| Great Mullein | *Verbascum thapsus* | 42.69588  -73.8303 | Herbaceous | Flowering |

**Dominant Native Plants:** Oak, sugar maple

**Native Community Types:** Forest, wetland (pond)

**Treatment Method:** N/A

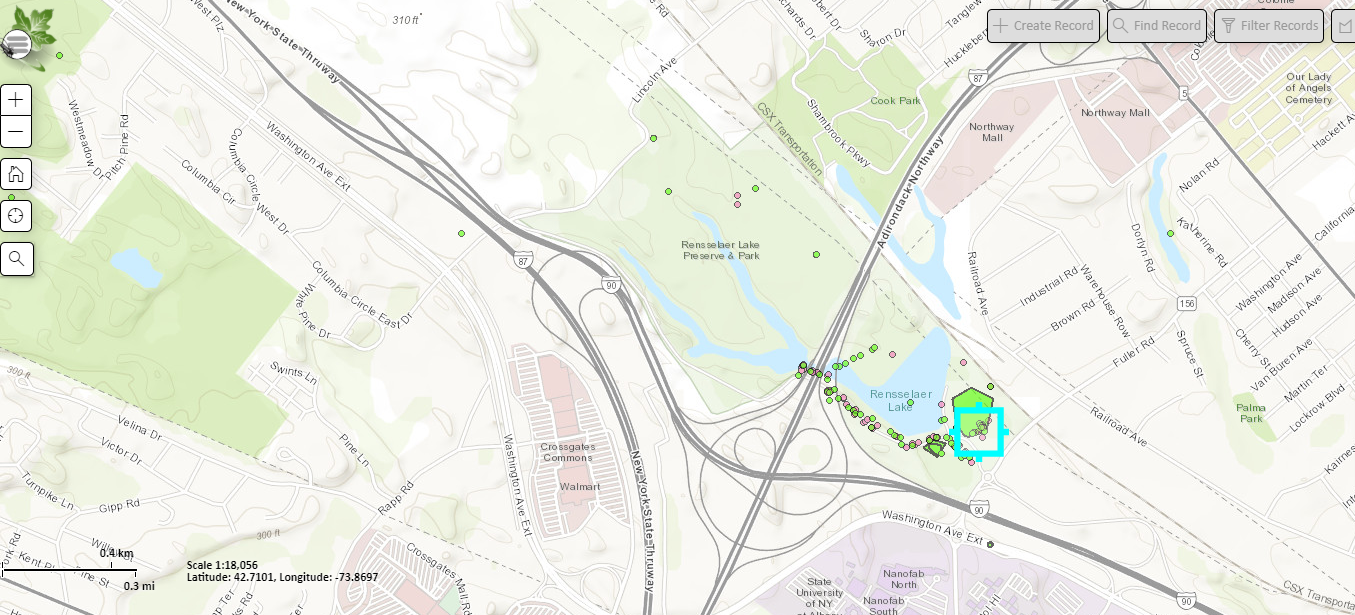
**Summary of Work Completed:**

* 1. Surveying for invasive terrestrial species

**Recommendations for the Future:** Continue surveying

***Contact the Capital Mohawk Prism, find the website at*** <http://www.capitalmohawkprism.org/>

**Figure 1. Map of points taken at Six Miles Water Works in Albany County.**



**Figure 2. Black Locust (*Robinia pseudoacacia*) under the highway in Six Miles Waterworks Park**



