HANNACROIX PARK PRESERVE INVASIVE 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 Hannacroix Park 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 3rd, 2019

**Participants:** Capital Mohawk Prism, Cornell Cooperative Extension, NYS DEC, and the New Baltimore Conservancy

**Point of Contact:** The New Baltimore Conservancy: [newbaltconservancy@gmail.com](mailto:newbaltconservancy@gmail.com)

**County:** Greene County, New York

**Locations and Species Identified:**

**Hannacroix Park Preserve (The New Baltimore Conservancy):** Scouting was done on the trails of the Hannacroix Park Preserve, including the parking lot, Laverne Irving Trail, Red Loop Trail, North Trail, Laverne Irving Spur Blue Trail, Paper Mill Trail, and the Hudson River Interpretive Trail.

***Invasive Species Present at Hannacroix Park Preserve:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Common Name | Scientific Name | Locations (GPS) | Growth Type | Phenology |
| Common Reed | *Phragmites australis* | 42.46102  -73.78951 | Herbaceous | Vegetative |
| Tree of Heaven | *Ailanthus altissima* | 42.46219  -73.79217 | Tree | Vegetative |
| Japanese Barberry | *Berberis thunbergii* | 42.46296  -73.79631 | Shrub | Vegetative |
| Oriental Bittersweet | *Celastrus orbiculatus* | 42.4614  -73.79503 | Vine | Vegetative |
| Mugwort | *Artemisia vulgaris* | 42.46221  -73.79237 | Herbaceous | Vegetative |
| Honeysuckle | *Lonicera spp.* | 42.46258  -73.79408 | Shrub | Vegetative |
| Burning Bush | *Euonymus alatus* | 42.46319  -73.79729 | Shrub | Vegetative |
| Multiflora Rose | *Rosa multiflora* | 42.46153  -73.79003 | Shrub | Past Seed |
| Elongate Hemlock Scale | *Fioinia externa* | 42.46342  -73.79786 | Pest | N/A |
| Purple Loosestrife | *Lythrum salicaria* | 42.46157  -73.79027 | Herbaceous |  |
| Common Buckthorn | *Rhamnus cathartica* | 42.46319  -73.79684 | Tree | Vegetative |
| Norway Maple | *Acer platanoides* | 42.46388  -73.79182 | Tree | In Seed (Samaras) |
| Narrow Leaf Bittercress | *Cardamine impatiens* | 42.46221  -73. 79942 | Herbaceous | In Seed |
| Dame’s Rocket | *Hesperis matronalis* | 42.46109  -73.78985 | Herbaceous | In Flower |
| Privet | *Ligustrum spp.* | 42.46287  -73.7952 | Shrub | Vegetative |
| Creeping Jenny; Moneywort | *Lysimachia nummularia* | 42.46236  -73.79683 | Herbaceous | Vegetative |
| Japanese Stiltgrass | *Microstegium vimineum* | 42.45909  -73.80061 | Herbaceous | Vegetative |
| Black Locust | *Robinia pseudoacacia* | 42.46001  -73.78755 | Tree | Vegetative |
| Colts Foot | *Tussilago farfara* | 42.46224  -73.79988 | Vine | Vegetative |
| Common Periwinkle | *Vinca minor* | 42.4616  -73.80015 | Herbaceous | Vegetative |
| Garlic Mustard | *Alliaria petiolate* | 42.46222  -73.79225 | Herbaceous | Vegetative |

**Dominant Native Plants:** Virginia creeper, sugar maple, cotton wood, quaking aspen

**Native Community Types:** Forested, creek-side

**Treatment Method:** N/A

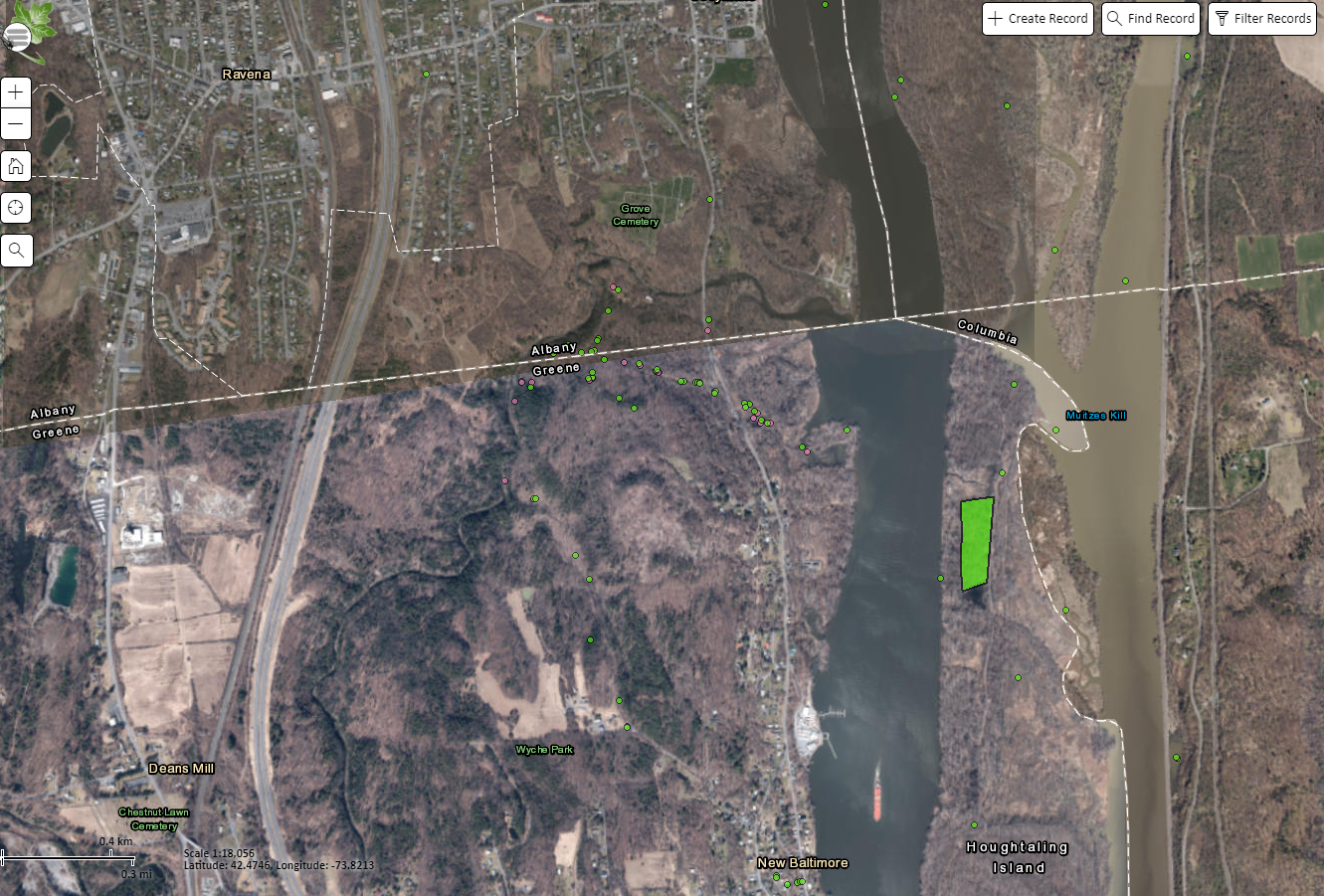
**Summary of Work Completed:**

* 1. Scouting for invasive terrestrial plant species

**Recommendations for the Future:** Continue scouting

***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 the points taken at the Hannacroix Park Preserve in Greene County.**



**Figure 2: Japanese Barberry (*Berberis thunbergii)* at Hannacroix Park Preserve on the North Trail.**

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**Figure 3: Honeysuckle (*Lonicera spp)* at Hannacroix Park Preserve on the Laverne Irving Trail.**



**Figure 4: Common periwinkle (*Vinca minor)* at the Hannacroix Park Preserve on the Laverne Irving Trail closer inbetween theLaverne Irving Spur Blue Trail and the Paper Mill trail.**

