REIST WILDLIFE SANCTUARY SURVEY 2019:

Spencer Barrett, Anna Kuhne, and Kelsey Stevens

***Introduction: :*** *In June of 2019, the Terrestrial Invasive Species Coordinator, Spencer Barrett, worked with two interns, from Siena College, 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 Rockwood State Forest. The PRISM works throughout 11 counties around the capital region to detect, prevent, and control invasive species.*

**Project Description:** Surveying and scouting for terrestrial invasive plants found on the trails

**Dates:** June 18th, 2019

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

**Point of Contact:** Hudson-Mohawk Bird Club

**County:** Schenectady County

**Locations and Species Identified:**

**(Hudson-Mohawk Bird Club):** Scouting was done on the trails of the Reist Wildlife Sanctuary which started at the trails adjacent to Schaefer House.

***Invasive Species Present at the Reist Wildlife Sanctuary:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Common Name | Scientific Name | Locations (GPS) | Growth Type | Phenology |
| Common Reed | *Phragmites australis* | 42.78693  -73.88562 | Herbaceous | Vegetative |
| Norway Maple | *Acer platanoides* | 43.11285  -73.57717 | Tree | Vegetative |
| Japanese Barberry | *Berberis thunbergii* | 42.7824  -73.88251 | Shrub | Vegetative |
| Oriental Bittersweet | *Celastrus orbiculatus* | 42.78818  -73.88297 | Vine | Vegetative |
| Dame’s Rocket | *Hesperis matronalis* | 42.78772  -73.88096 | Tree | Flowering |
| Honeysuckle | *Lonicera spp. (species unknown)* | 42.78106  -73.8831 | Shrub | Seed |
| Glossy Buckthorn | *Frangula alnus* | 42.78779  -73.88307 | Shrub | Vegetative |
| Multiflora Rose | *Rosa multiflora* | 42.7812  -73.88384 | Shrub | Flowering |
| Burning Bush | *Euonymus alatus* | 42.78512  -73.88645 | Shrub | Vegetative |
| Garlic Mustard | *Alliaria petiolata* | 42.78076  -73.88156 | Herbaceous | Seed |
| Purple Loosestrife | *Lythrum salicaria* | 42.78118  -73.88387 | Herbaceous | Vegetative |
| Common Buckthorn | *Rhamnus cathartica* | 42.78145  -73.88292 | Shrub | Vegetative |

**Native Community Types:** Hardwood Forest

**Recommendations for the Future:** Further scouting, mapping, and prioritization of terrestrial invasive plant species done at this site to determine species that may be most harmful to native species in the surrounding areas.

***Figure 1: Map of area surveyed immediately within or around Reist Wildlife Sanctuary. Terrestrial plant records were reviewed and confirmed and show in green and forest pest records are shown in pink as unconfirmed species.***

