CAPITAL DISTRICT WMA / CHERRY PLAIN STATE PARK INVASIVE SPECIES SURVEY 2019:

Anna Kuhne, Lauren Mercier, and Kelsey Stevens

**Type of Work Performed:** Survey for terrestrial invasive plant species

**Date:** August 14th, 2019

**Address:** 2 State Park Rd, Petersburg, NY 12138

**County:** Rensselaer County

**Latitude and Longitude:** 42.622568, -73.405230

**Website:** <https://www.dec.ny.gov/outdoor/86016.html>

**Lead Contact Information for Project:** Lauren Mercier

**Site Owner Contact Information:** DEC Region 4 Schenectady Office (518) 357 – 2158 [Wildlife.r4@dec.ny.gov](mailto:Wildlife.r4@dec.ny.gov)

**Project Description:** Walked along access roads, parking lots, and trails to find terrestrial invasive species. A majority of the surveys were done along the access roads and their parking lots.

***Invasive Species Present at* Capital District WMA and Cherry Plain State Park*:***

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| --- | --- | --- | --- | --- | --- |
| Common Name | Scientific Name | Locations (GPS) | Growth Type | Phenology | Distribution/ Abundance |
| Colt’s Foot | *Tussilago farfara* | 42.64198  -73.40817 | Herbaceous | Vegetative | Dense |
| Tufted Vetch | *Vicia cracca* | 42.64426  -73.40903 | Herbaceous | In flower | Record from 2018 |
| Garlic Mustard | *Alliaria petiolate* | 42.6007  -73.41362 | Herbaceous | In seed | scattered patches |
| Mugwort | *Artemisia vulgaris* | 42.63687  -73.40538 | Herbaceous | Vegetative | Dense |
| Japanese Barberry | *Berberis thunbergii* | *42.619*  *-73.4113* | Shrub | Vegetative | Scattered |
| Hairy Bitter – Cress | *Cardamine hirsute* | *42.635*  *-73.39278* | Herbaceous | Record from 2017 | Record from 2017 |
| Narrowleaf Bittercress | *Cardamine impatiens* | *42.64061*  *-73.40814* | Herbaceous | Vegetative | Record from 2018 |
| Spotted Starthistle | *Centaurea stoebe* | *42.62517*  *-73.41206* | Herbaceous | In flower | Dense |
| Canada Thistle | *Cirsium arvense* | *42.62768*  *-73.4097* | Herbaceous | Vegetative | Record rom 2018 |
| Poison Hemlock | *Conium maculatum* | *42.6284*  *-73.40976* | Herbaceous | In flower | Record from 2018 |
| Crown Vetch | *Coronilla varia* | *42.63984*  *-73.40796* | Herbaceous | Vegetative | Record from 2018 |
| Burning Bush | *Euonymus alatus* | *42.64563*  *-73.40972* | Shrub | Record from 2018 | Record from 2018 |
| Morrow Honeysuckle | *Lonicera morrowii* | *42.63032*  *-73.41166* | Shrub | Vegetative | Record from 2018 |
| Honeysuckle | *Lonicera spp* | *42.62101*  *-73.41024* | Shrub | Record from 2017 | Record from 2017 |
| Creeping Jenny | *Lysimachia nummularia* | *42.62466*  *-73.40926* | Herbaceous | Vegetative | Record from 2018 |
| Purple Loosestrife | *Lythrum salicaria* | *42.61781*  *-73.41211* | Herbaceous | Record from 2017 | Record from 2017 |
| Wild Parsnip | *Pastinaca sativa* | *42.6267*  *-73.40998* | Herbaceous | In flower | Record from July 2018 |
| Common Reed | *Phragmites australis* | *42.63852*  *-73.40341* | Herbaceous | Vegetative | Dense |
| Multiflora Rose | *Rosa multiflora* | *42.62267*  *-73.42946* | Shrub | Vegetative | Scattered |
| Climbing Nightshade | *Solanum sulcamara* | *42.63578*  *-73.40694* | Vine | Vegetative | Record from 2018 |
| Chicory | *Cichorium intybus* | *42.62515*  *-73.41216* | Herbaceous | In flower | Dense (parking lots) |
| Bull Thistle | *Cirsium vulgare* | *42.63594*  *-73.39323* | Herbaceous | In flower | Dense |
| Wild Carrot | *Daucus carota* | *42.64059*  *-73.39409* | Herbaceous | In flower | Dense |
| Common St. Johnswort | *Hypericum perforatum* | *42.64062*  *-73.3941* | Herbaceous | In flower | Sparse |
| Birdfoot Deervetch | *Lotus corniculatus* | *42.62517*  *-73.41211* | Herbaceous | In Flower | Scattered |
| Reed Canarygrass | *Phalaris arundinacea* | *42.60076*  *-73.41362* | Herbaceous | In Seed | Single plant |
| Great Mullein | *Verbascum Thapsus* | *42.64054*  *-73.39402* | Herbaceous | In flower | Dense (mostly parking lots) |
| Common Periwinkle | *42.60411*  *-73.40883* | *42.60411*  *-73.40883* | Herbaceous | Vegetative | Sparse plant clumps |

**Capital Mohawk PRISM Strongly Recommends Uploading Points into** <https://www.imapinvasives.org/>

**Native Community Types:** Wetland, meadow, and forested

**Dominant Native Plants Present:** Hemlock, oaks, sugar maples, and swamp milkweed

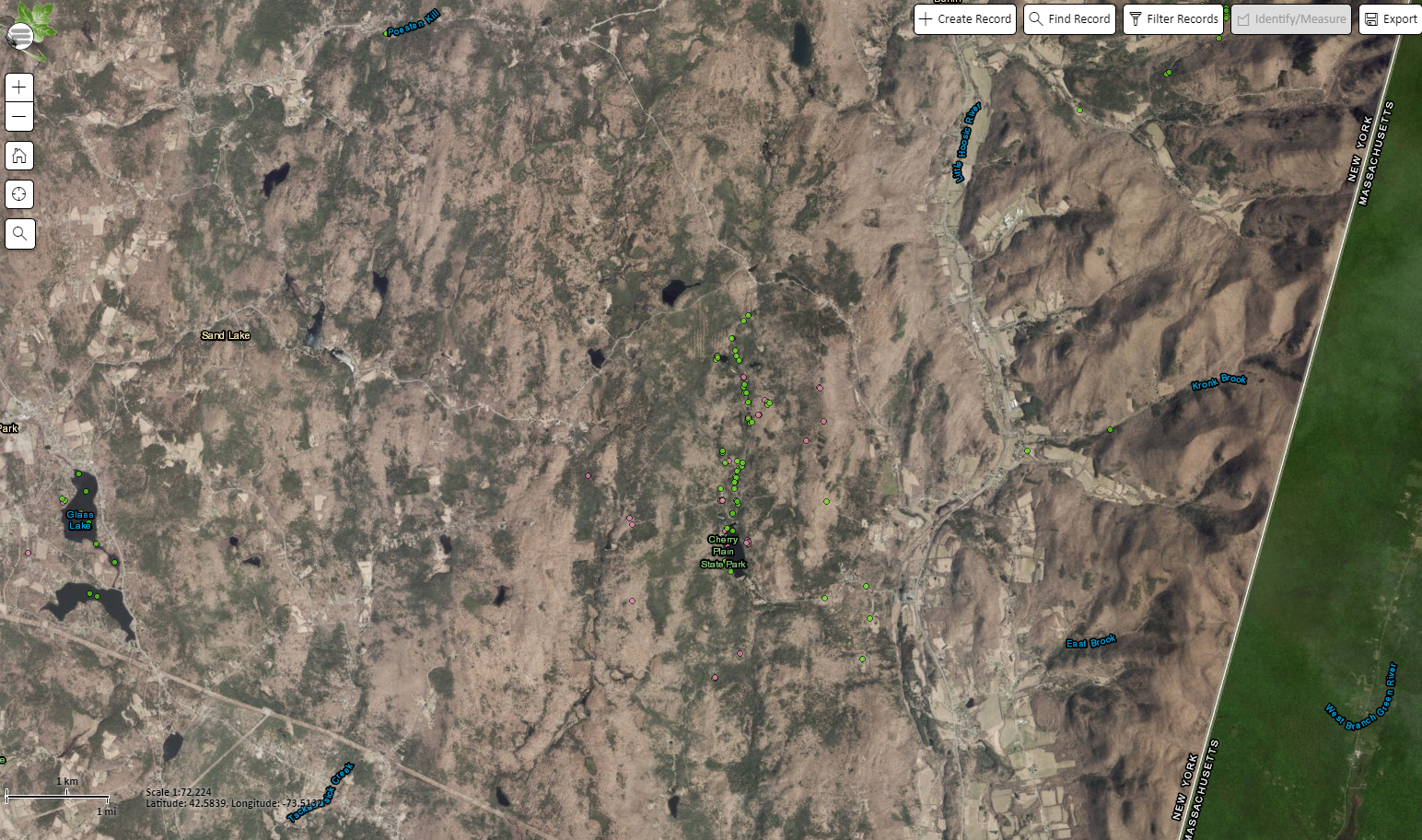
**Summary of Work Completed:**

* 1. Survey for terrestrial invasive plant species

**Recommendations for the Future:** continue to survey for and document terrestrial invasive plant species

Contact the Capital Mohawk Prism <http://www.capitalmohawkprism.org/>

**Figure 1. Map of points taken at Cherry Plain State Forest and Capital District Wildlife Management Area in Rensselaer** **County, NY.**



**Figure 2. Mugwort in Capital District Wildlife Management Area.**



**Figure 3. Chicory in Cherry Plain State Park.**





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