



Flora of Ward Pound Ridge Reservation

Tenth Quarterly Report

December 16, 2024 – March 15, 2025

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The Friends of Trailside Museum and Ward Pound Ridge Reservation
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Dear Officers of the Board of The Friends of Trailside,

On behalf of myself and my colleagues, Devon Cummings and Daniel Atha, it gives me great pleasure to present to the Board of the Friends of Trailside Museum the tenth quarterly report of the Flora Project covering the period of December 16, 2024, through March 15, 2025. We gratefully acknowledge the financial support of the Friends and are pleased to have the opportunity to contribute to your mission.

Pictured above are a selection of specimens collected, labeled and mounted as part of the flora project in 2024. Clockwise from top left, *Clintonia borealis*, Bluebead Lily, is the first specimen collected from Westchester County of this native species with a typically northern distribution; *Phegopteris hexagonoptera*, Broad Beech Fern, *Geranium thunbergii*, Thunberg's Geranium, a new record from Westchester County of a non-native species that has escaped cultivation; and *Adiantum pedatum*, Maidenhair Fern. The documentation of a native species for the first time from our county indicates that these plants are isolated occurrences due to the unique ecological features of the Ward Pound Ridge Reservation. The diversity of Fern species that we have documented further demonstrates the high-quality habitats within the park. The documentation of non-native species contributes to regional monitoring of the distribution of plant species that can alert us to potential conservation concerns that these species may present. These herbarium specimens are not only important scientific records, but also beautiful examples of the unique opportunities for conservation that the flora project and the reservation present.

During the winter months of this reporting period our work was focused on labeling and mounting 278 herbarium specimens for the Trailside Museum Herbarium, preparing specimens to be delivered to the Steere Herbarium at the New York Botanical Garden and the New York State Museum. We created a list of the 636 plant species collected and the 106 species documented with photos on iNaturalist. We conducted research on a newly discovered plant species and planned collection priorities for the coming season. Don't miss the "Other Notes" section of the report for news of an exciting discovery.

As we enter our third and final collecting season, we remain committed to our goal, to identify and document every spontaneous plant species growing on the Reserve and document plant communities of conservation importance and concern. We are thankful for your continued generous support.

Respectfully Yours,

Patricia Butter

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We gratefully acknowledge the Westchester County Parks Staff that have generously contributed their time and expertise to this study: Taro Ietaka, Jeff Main, Daniela Ciatto, Hayley Lewis, Brendan Wallace, Michael Gambino, Lindsey Feinberg, Jason Klein, Leah Cass, Dan Aitchison, Kristina Hayek, Uri Sarig and Jocelyn Lucente.

Objective:

The objective of the Flora Project at Ward Pound Ridge Reservation is to preserve a specimen of every vascular plant species growing spontaneously in the park and to identify and document the ecological communities, prioritizing those of conservation concern. The collection of pressed herbarium specimens of each plant species provides a physical record available for botanical study. The project expands and improves upon the historic records of the reservation by creating an easily accessible resource for conservation efforts by providing a precise and detailed data set and scientifically verifiable records, enabling park management to identify priority plant species and communities for conservation efforts.

Materials and Methods:

This work was performed in accordance with the details set forth in the Flora of Ward Pound Ridge Reservation Proposal approved by the Officers of the Board of the Friends of Trailside on September 15, 2022. Field Work data and specimen collection was performed by Patricia Butter, Devon Cummings, and Daniel Atha with assistance from Taro Ietaka, Lindsey Feinberg, Leah Cass, Jeff Main, Daniela Ciatto, Hayley Lewis, Brendan Wallace, Michael Gambino, Jason Klein, Kristina Hayek, Uri Sarig, Jocelyn Lucente, Samantha Cronk, Yajaira Ramos, Charlotte Brennan, Molly Hickey, and Madison Rosenbaum of Westchester County Parks, Friends of Trailside Board member Linda Burke, and volunteers Varner Redmon, Julia Snook, Kevin Sisco, Amy Eli Trautwein, Dorothy Werkmeister, Dennis Galcik, Susan Allport, Gail Jankus, Maxwell Sabety, Mark Horton-Sacha, Margaret Holen, David Coulson, Lydia Paradiso, and Julie D'Onofrio.

Specimen collection involved creating three pressed and dried herbarium specimens (when populations were sufficient) to specification (11.5" x 16.5") with parts representing reproductive characteristics and both sides of the leaves of the plant. Whenever possible root structure was also represented.

The specimen data collected included GPS coordinates of the geographic location, a description of the plant's characteristics that may not be reflected in the dried specimen, the population size, and the plant community in which the species associates.

Photographs were taken of the plants in their natural setting, including detailed photos of key identifying characteristics. These photos were uploaded to the iNaturalist platform.

One specimen of each species will be mounted on archival herbarium paper together with a specimen label for Westchester County Park's herbarium.

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One specimen and label of each species, together with a spreadsheet containing the relevant data will be contributed to the Steere Herbarium at the New York Botanical Garden, which has digitization capabilities to make the specimens available for study to the scientific community at large. An additional duplicate of each specimen will be contributed to the New York State Museum, where the herbarium is currently undergoing a revitalization, and is expected to be available online in the near future.

A spreadsheet has been established in Google docs with the data for each specimen collected. This data is formatted in the Darwin Core Code for ease of uploading to GBIF, the Global Biodiversity Information Facility by the herbaria.

Flora Project Statistics 2022 - 2024:

2,543 iNaturalist observations added
803 Specimens collected, labeled and mounted
636 Plant species collected
80 Days in the field
33 New specimen records for Westchester County
21 Species of rare plants documented

The Species List:

Over 636 unique plant species and subspecies have been collected in our studies from Sept. 15, 2022 through December 2024 (see Appendix I). We have documented an additional 106 species with photographic records on iNaturalist (see Appendix II). The total number of plant species documented by the flora project thus far is 743.

Comparatively, 644 species were included in the list that Ian Macdonald compiled in the year 2000 of the plants historically observed in the reservation. It is important to note that there are vouchers for only 151 of the species on the historic list. This season we will surpass the number of species on the historic list with verifiable physical records.

Of the plant species that we have collected, 78% are native, 2 unknown, and 22% non-native. 173 of the species that we have collected are new additions to the historic list from the park. Of these new additions to the historic list, 66% are native, 1 unknown, and 32% non-native, suggesting a trend in the increase of non-native species over time.

The largest plant families collected thus far:

Poaceae (Grasses) 82
Asteraceae (Asters) 75
Cyperaceae (Sedges) 57
Rosaceae (Rose) 33
Fabaceae (Pea) 25

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It is of the utmost importance that our work does not have a negative impact on sensitive plant populations. For that reason, we have additionally included a list in Appendix II of Photographic Vouchers. These are instances where due to limited populations, it was inadvisable at the time to collect physical specimens of these species. If we do not encounter more sizable populations of these plants in our final year of surveys, they will ultimately be incorporated into the plant list and noted as photographic vouchers. This protocol is recommended by The New England Botanical Society (New England Botanical Society, 2022).

A map of collection sites through 2023 is included in Appendix III.

Specimens Mounted this quarter: 278

During the period of Dec. 16 – March 15th, 278 specimens together with their labels were hand glued and stitched onto paper herbarium sheets using archival methods. This brings the total number of specimens mounted from this project to 795.

After they are mounted, the specimens for the Trailside herbarium will undergo two cycles of a freezing process to eliminate insect pests before being stored in the herbarium cabinets.

Specimens to be delivered to the Steere and New York State Herbaria:

We are preparing specimen duplicates to be delivered to the Steere Herbarium at the New York Botanical Garden and the New York State Museum. 190 specimen duplicates were delivered to the New York State Museum in March. The balance from 2024 will be delivered in the end of May. The specimens for The Steere Herbarium at the New York Botanical Garden will be delivered in June. Specimen data will be delivered in accordance with the Darwin Code Standards for publication to GBIF, the Global Biodiversity Information Facility (www.gbif.org).

The New York Botanical Garden has begun processing the specimen duplicates delivered from 2022, and they can be found here:

[https://www.gbif.org/occurrence/search?basis_of_record=PRESERVED_SPECIMEN&has_geospatial_issue=false&taxon_key=6&year=2021,2025&geometry=POLYGON\(\(-73.612%2041.27645,-73.61029%2041.21913,-73.56374%2041.21999,-73.56717%2041.27559,-73.612%2041.27645\)\)](https://www.gbif.org/occurrence/search?basis_of_record=PRESERVED_SPECIMEN&has_geospatial_issue=false&taxon_key=6&year=2021,2025&geometry=POLYGON((-73.612%2041.27645,-73.61029%2041.21913,-73.56374%2041.21999,-73.56717%2041.27559,-73.612%2041.27645)))

Survey Objectives for the 2025 season:

Our survey objectives for the third and final season are carefully detailed in a list of plants that have been included in the historic list or documented on iNaturalist and not collected. Our fieldwork will be directed towards locating these populations and assessing whether collection is possible. Whenever collection is not possible, a photo record will be created and uploaded to iNaturalist.

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Other Notes:

Our collections in 2024 yielded a record of unexpected importance. When we collected a Bladderwort in the Stone Hill River marsh in July, it appeared to be *Utricularia macrorhiza*, the species of floating Bladderwort with large yellow flowers known from throughout the continental United States apart from Florida. A photo of the plant was included in our 8th Quarterly Report. An image of the iNaturalist record appears below, and can be found here:

<https://www.inaturalist.org/observations/232366235>

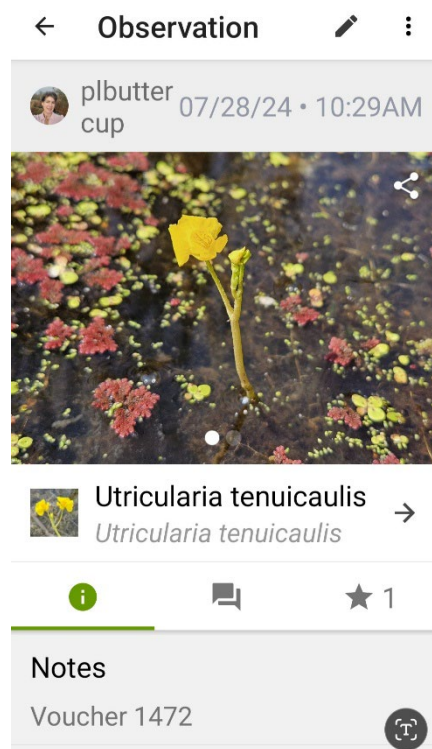
On October 31, 2024, a botanist from Australia, Thilo Kreuger, suggested that the ID for this iNaturalist observation should instead be *Utricularia tenuicaulis*, a species known from Asia (it was described in Japan where it is listed as rare, in 1935 (Miki, 1935)), discovered in France in 2022 and Germany in 2023 (Fleischmann, 2023). Kreuger had read a 2024 study published by Dr. Nicholas Tippery of the University of Wisconsin that analyzed the genetic material from *Utricularia* sampled from Wisconsin, Ohio, Connecticut, and Florida to refine the phylogeny, or family tree of this taxon (Tippery, 2024). One of the samples from Ohio was a genetic match for *U. tenuicaulis*, alerting the botanical community to its potential presence in North America. Kreuger reviewed iNaturalist observations of *Utricularia* from the continent to find potential matches. One of them was ours.

Thanks to the scope of our study here at WPRR, we had an herbarium specimen for reference. After studying the literature and morphology of our specimen, we agreed that it was a good match for this species. Patty contacted Dr. Tippery at the University of Wisconsin, who offered to test a DNA sample from our specimen. The test was a positive match for *Utricularia tenuicaulis*, making our herbarium specimen possibly the first record of this species from the northeastern US.

This is an example of the important, and sometimes unexpected scientific contributions that this flora project will produce. If we had not collected an herbarium specimen of the *Utricularia*, we would not have physical scientific evidence that confirms the presence of this new species in the northeastern United States.

We are grateful to The Friends of the Trailside Museum for your commitment to the advancement of regional botanical science through your financial support.

Report prepared by Patricia Butter with contributions from Devon Cummings and Daniel Atha.



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References:

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- New England Botanical Society. (2022, Feb 26). *Plant Collecting Ethics*. Retrieved from Rhodora.org: <https://www.rhodora.org/notices/PlantCollectingEthics2022.pdf>
- Tippery, N. e. (2024). Toward a comprehensive phylogeny of North American bladderworts. *Aquatic Botany* 195: 2-14.

Appendix I: Plants collected at the Ward Pound Ridge Reservation 2022 - 2024

Dicots					
	Family	Botanical Name	Common Name	Native Status	NY State Status
1	Adoxaceae	<i>Sambucus nigra</i> ssp. <i>canadensis</i>	Common Elderberry	Native	State rank: S5
2	Adoxaceae	<i>Sambucus racemosa</i>	Red Elderberry	Native	State rank: S5
3	Adoxaceae	<i>Viburnum sieboldii</i>	Siebold's Viburnum	Non-native	Naturalized
4	Amaranthaceae	<i>Chenopodium album</i>	Lamb's Quarters	Non-native	Naturalized
5	Anacardiaceae	<i>Rhus copallinum</i> var. <i>copallinum</i>	Common Winged Sumac	Native	State rank: S5
6	Anacardiaceae	<i>Rhus copallinum</i> var. <i>latifolia</i>	Broad-leaved Winged Sumac	Native	State not ranked
7	Anacardiaceae	<i>Rhus glabra</i>	Smooth Sumac	Native	State rank: S5
8	Anacardiaceae	<i>Rhus typhina</i>	Staghorn Sumac	Native	State rank: S5
9	Anacardiaceae	<i>Toxicodendron radicans</i> ssp. <i>radicans</i>	Eastern Poison Ivy	Native	State rank: S5
10	Anacardiaceae	<i>Toxicodendron vernix</i>	Poison Sumac	Native	State rank: S4
11	Apiaceae	<i>Cicuta bulbifera</i>	Bulb-bearing Water Hemlock	Native	State rank: S5
12	Apiaceae	<i>Cicuta maculata</i> var. <i>maculata</i>	Spotted Water Hemlock	Native	State rank: S5
13	Apiaceae	<i>Sanicula canadensis</i> var. <i>canadensis</i>	Common Canada Sanicle	Native	State rank: S5
14	Apiaceae	<i>Sium suave</i>	Hemlock Water Parsnip	Native	State rank: S5
15	Apiaceae	<i>Zizia aurea</i>	Common Golden Alexanders	Native	State rank: S5
16	Apocynaceae	<i>Apocynum cannabinum</i>	Indian Hemp	Native	State rank: S5
17	Apocynaceae	<i>Asclepias amplexicaulis</i>	Blunt-leaved Milkweed	Native	State rank: S4
18	Apocynaceae	<i>Asclepias incarnata</i> ssp. <i>pulchra</i>	Eastern Swamp Milkweed	Native	State not ranked
19	Apocynaceae	<i>Asclepias syriaca</i>	Common Milkweed	Native	State rank: S5
20	Apocynaceae	<i>Asclepias tuberosa</i>	Butterfly Weed	Native	State rank: S4
21	Apocynaceae	<i>Vincetoxicum nigrum</i>	Black Swallowwort	Non-native	Naturalized
22	Apocynaceae	<i>Vincetoxicum rossicum</i>	Pale Swallowwort	Non-native	Naturalized
23	Aquifoliaceae	<i>Ilex opaca</i> var. <i>opaca</i>	American Holly	Native	State not ranked
24	Aquifoliaceae	<i>Ilex verticillata</i>	Common Winterberry	Native	State rank: S5
25	Araliaceae	<i>Aralia nudicaulis</i>	Wild Sarsaparilla	Native	State rank: S5
26	Araliaceae	<i>Hydrocotyle americana</i>	American Marsh Pennywort	Native	State rank: S5
27	Araliaceae	<i>Panax trifolius</i>	Dwarf Ginseng	Native	State rank: S5
28	Asteraceae	<i>Achillea millefolium</i>	Common Yarrow	Native	State not ranked
29	Asteraceae	<i>Ageratina altissima</i>	Common White Snakeroot	Native	State rank: S5
30	Asteraceae	<i>Ambrosia artemisiifolia</i>	Common Ragweed	Native	State rank: S5
31	Asteraceae	<i>Anaphalis margaritacea</i>	Pearly Everlasting	Native	State rank: S5
32	Asteraceae	<i>Antennaria parlinii</i> ssp. <i>fallax</i>	Deceitful Pussytoes	Native	State not ranked
33	Asteraceae	<i>Antennaria plantaginifolia</i>	Plantain-leaved Pussytoes	Native	State rank: S5
34	Asteraceae	<i>Artemisia vulgaris</i>	Mugwort	Non-native	Naturalized
35	Asteraceae	<i>Bidens connata</i>	Purple-stemmed Beggar Ticks	Native	State rank: S5
36	Asteraceae	<i>Bidens laevis</i>	Smooth Beggar Ticks	Native	State rank: S2
37	Asteraceae	<i>Centaurea nigra</i>	Black Knapweed	Non-native	Naturalized
38	Asteraceae	<i>Centaurea stoebe</i> ssp. <i>micranthos</i>	Spotted Knapweed	Non-native	Naturalized
39	Asteraceae	<i>Cichorium intybus</i>	Chicory	Non-native	Naturalized
40	Asteraceae	<i>Cirsium discolor</i>	Field Thistle	Native	State rank: S5
41	Asteraceae	<i>Cirsium vulgare</i>	Bull Thistle	Non-native	Naturalized
42	Asteraceae	<i>Doellingeria umbellata</i> var. <i>umbellata</i>	Tall Flat-topped White Aster	Native	State rank: S5
43	Asteraceae	<i>Erechtites hieraciifolius</i> var. <i>hieraciifolius</i>	Common Pilewort	Native	State rank: S5
44	Asteraceae	<i>Erigeron canadensis</i> var. <i>canadensis</i>	Common Horseweed	Native	State rank: S5
45	Asteraceae	<i>Erigeron pulchellus</i> var. <i>pulchellus</i>	Robin's Plantain	Native	State rank: S5
46	Asteraceae	<i>Erigeron strigosus</i>	Small Daisy Fleabane	Native	State rank: S5
47	Asteraceae	<i>Eupatorium perfoliatum</i>	Boneset	Native	State rank: S5
48	Asteraceae	<i>Eurybia divaricata</i>	White Wood Aster	Native	State rank: S5
49	Asteraceae	<i>Euthamia graminifolia</i>	Common Flat-topped Goldenrod	Native	State rank: S5
50	Asteraceae	<i>Eutrochium dubium</i>	Coastal Plain Joe Pye Weed	Native	State rank: S3
51	Asteraceae	<i>Eutrochium fistulosum</i>	Hollow Joe Pye Weed	Native	State rank: S5
52	Asteraceae	<i>Helenium autumnale</i>	Common Sneezeweed	Native	State rank: S5
53	Asteraceae	<i>Helianthus decapetalus</i>	Thin-leaved Sunflower	Native	State rank: S5
54	Asteraceae	<i>Helianthus divaricatus</i>	Woodland Sunflower	Native	State rank: S5
55	Asteraceae	<i>Heliopsis helianthoides</i>	Sunflower Everlasting	Native	State rank: S5
56	Asteraceae	<i>Hieracium gronovii</i>	Beaked Hawkweed	Native	State rank: S4
57	Asteraceae	<i>Hieracium paniculatum</i>	Panicled Hawkweed	Native	State rank: S5
58	Asteraceae	<i>Hieracium scabrum</i>	Sticky Hawkweed	Native	State rank: S5
59	Asteraceae	<i>Ionactis linariifolia</i>	Stiff-leaved Aster	Native	State rank: S4
60	Asteraceae	<i>Krigia biflora</i>	Two-flowered Dwarf Dandelion	Native	State rank: S4
61	Asteraceae	<i>Krigia virginica</i>	Virginia Dwarf Dandelion	Native	State rank: S4
62	Asteraceae	<i>Lactuca biennis</i>	Tall Blue Lettuce	Native	State rank: S5
63	Asteraceae	<i>Lactuca canadensis</i>	Tall Lettuce	Native	State rank: S5
64	Asteraceae	<i>Matricaria discoidea</i>	Pineapple Weed	Non-native	Naturalized
65	Asteraceae	<i>Mikania scandens</i>	Climbing Hempweed	Native	State rank: S4
66	Asteraceae	<i>Nabalus altissimus</i>	Tall Rattlesnake Root	Native	State rank: S5
67	Asteraceae	<i>Oclemena acuminata</i>	Whorled Wood Aster	Native	State rank: S5
68	Asteraceae	<i>Packera aurea</i>	Golden Ragwort	Native	State rank: S5

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69	Asteraceae	<i>Pilosella caespitosa</i>	Yellow Hawkweed	Non-native	Naturalized
70	Asteraceae	<i>Pilosella piloseloides</i>	Glaucous-leaved Hawkweed	Non-native	Naturalized
71	Asteraceae	<i>Pseudognaphalium obtusifolium</i>	Fragrant Rabbit Tobacco	Native	State rank: S5
72	Asteraceae	<i>Rudbeckia hirta</i>	Common Black-eyed Susan	Non-native	Naturalized
73	Asteraceae	<i>Sericocarpus asteroides</i>	Toothed White-topped Aster	Native	State rank: S5
74	Asteraceae	<i>Solidago altissima</i> ssp. <i>altissima</i>	Tall Goldenrod	Native	State rank: S5
75	Asteraceae	<i>Solidago bicolor</i>	Silver Rod	Native	State rank: S5
76	Asteraceae	<i>Solidago caesia</i> var. <i>caesia</i>	Blue-stemmed Goldenrod	Native	State rank: S5
77	Asteraceae	<i>Solidago canadensis</i> var. <i>canadensis</i>	Canada Goldenrod	Native	State rank: S5
78	Asteraceae	<i>Solidago flexicaulis</i>	Zigzag Goldenrod	Native	State rank: S5
79	Asteraceae	<i>Solidago juncea</i>	Early Goldenrod	Native	State rank: S5
80	Asteraceae	<i>Solidago nemoralis</i> ssp. <i>nemoralis</i>	Gray Goldenrod	Native	State rank: S5
81	Asteraceae	<i>Solidago odora</i>	Sweet Goldenrod	Native	State rank: S4
82	Asteraceae	<i>Solidago patula</i>	Rough-leaved Goldenrod	Native	State rank: S5
83	Asteraceae	<i>Solidago puberula</i>	Downy Goldenrod	Native	State rank: S4
84	Asteraceae	<i>Solidago rugosa</i> var. <i>aspera</i>	Southern Wrinkle-leaved Goldenrod	Native	State not ranked
85	Asteraceae	<i>Solidago sempervirens</i>	Northern Seaside Goldenrod	Native	State rank: S4
86	Asteraceae	<i>Solidago speciosa</i>	Showy Goldenrod	Native	State rank: S4
87	Asteraceae	<i>Symphyotrichum cordifolium</i>	Heart-leaved Aster	Native	State rank: S5
88	Asteraceae	<i>Symphyotrichum ericoides</i> var. <i>ericoides</i>	Heath Aster	Native	State rank: S5
89	Asteraceae	<i>Symphyotrichum lanceolatum</i> var. <i>lanceolatum</i>	Lance-leaved Aster	Native	State rank: S5
90	Asteraceae	<i>Symphyotrichum lateriflorum</i>	Calico Aster	Native	State rank: S5
91	Asteraceae	<i>Symphyotrichum novae-angliae</i>	New England Aster	Native	State rank: S5
92	Asteraceae	<i>Symphyotrichum novi-belgii</i> var. <i>elodes</i>	Narrow-leaved New York Aster	Native	State not ranked
93	Asteraceae	<i>Symphyotrichum novi-belgii</i> var. <i>novi-belgii</i>	Common New York Aster	Native	State rank: S5
94	Asteraceae	<i>Symphyotrichum patens</i> var. <i>patens</i>	Common Late Purple Aster	Native	State rank: S4
95	Asteraceae	<i>Symphyotrichum pilosum</i> var. <i>pringlei</i>	Pringle's Aster	Native	State rank: S4
96	Asteraceae	<i>Symphyotrichum puniceum</i> var. <i>puniceum</i>	Purple-stemmed Aster	Native	State rank: S5
97	Asteraceae	<i>Symphyotrichum racemosum</i>	Small White Aster	Native	State rank: S5
98	Asteraceae	<i>Symphyotrichum undulatum</i>	Wavy-leaved Aster	Native	State rank: S5
99	Asteraceae	<i>Taraxacum officinale</i>	Common Dandelion	Non-native	Naturalized
100	Asteraceae	<i>Tragopogon pratensis</i>	Meadow Salsify	Non-native	Naturalized
101	Asteraceae	<i>Tussilago farfara</i>	Coltsfoot	Non-native	Naturalized
102	Asteraceae	<i>Vernonia noveboracensis</i>	New York Ironweed	Native	State rank: S4
103	Balsaminaceae	<i>Impatiens capensis</i>	Spotted Jewelweed	Native	State rank: S5
104	Berberidaceae	<i>Berberis thunbergii</i>	Japanese Barberry	Non-native	Naturalized
105	Berberidaceae	<i>Caulophyllum thalictroides</i>	Blue Cohosh	Native	State rank: S5
106	Betulaceae	<i>Alnus incana</i> ssp. <i>rugosa</i>	Speckled Alder	Native	State rank: S5
107	Betulaceae	<i>Alnus serrulata</i>	Smooth Alder	Native	State rank: S5
108	Betulaceae	<i>Betula alleghaniensis</i>	Yellow Birch	Native	State rank: S5
109	Betulaceae	<i>Betula populifolia</i>	Gray Birch	Native	State rank: S5
110	Betulaceae	<i>Carpinus caroliniana</i> ssp. <i>virginiana</i>	American Hornbeam	Native	State rank: S5
111	Betulaceae	<i>Corylus americana</i>	American Hazelnut	Native	State rank: S5
112	Betulaceae	<i>Corylus cornuta</i> ssp. <i>cornuta</i>	Beaked Hazelnut	Native	State rank: S5
113	Boraginaceae	<i>Myosotis scorpioides</i>	Water Forget-me-not	Non-native	Naturalized
114	Brassicaceae	<i>Arabidopsis thaliana</i>	Mouse Ear Cress	Non-native	Naturalized
115	Brassicaceae	<i>Borodinia laevigata</i>	Smooth Rock Cress	Native	State rank: S5
116	Brassicaceae	<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Non-native	Naturalized
117	Brassicaceae	<i>Cardamine diphylla</i>	Two-leaved Toothwort	Native	State rank: S5
118	Brassicaceae	<i>Cardamine hirsuta</i>	Hairy Bitter Cress	Non-native	Naturalized
119	Brassicaceae	<i>Cardamine impatiens</i>	Bushy Bitter Cress	Non-native	Naturalized
120	Brassicaceae	<i>Cardamine parviflora</i>	Small-flowered Bitter Cress	Native	State rank: S4
121	Brassicaceae	<i>Cardamine pensylvanica</i>	Pennsylvania Bitter Cress	Native	State rank: S5
122	Brassicaceae	<i>Cardamine pratensis</i>	Cuckoo Flower	Native	State rank: S5
123	Brassicaceae	<i>Draba verna</i>	Spring Whitlow Grass	Non-native	Naturalized
124	Brassicaceae	<i>Lepidium virginicum</i> ssp. <i>virginicum</i>	Wild Pepperweed	Native	State rank: S5
125	Brassicaceae	<i>Rorippa palustris</i> ssp. <i>palustris</i>	Marsh Yellow Cress	Native	State rank: S4
126	Campanulaceae	<i>Lobelia cardinalis</i>	Cardinal Flower	Native	S4S5
127	Campanulaceae	<i>Lobelia inflata</i>	Indian Tobacco	Native	State rank: S5
128	Campanulaceae	<i>Lobelia siphilitica</i> var. <i>siphilitica</i>	Great Blue Lobelia	Native	State rank: S5
129	Campanulaceae	<i>Lobelia spicata</i> var. <i>spicata</i>	Common Spiked Lobelia	Native	State rank: S5
130	Campanulaceae	<i>Palustricodon aparinoides</i>	Marsh Bellflower	Native	State rank: S5
131	Cannabaceae	<i>Celtis occidentalis</i>	Northern Hackberry	Native	State rank: S4
132	Caprifoliaceae	<i>Lonicera morrowii</i>	Morrow's Honeysuckle	Non-native	Naturalized
133	Caryophyllaceae	<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort	Non-native	Naturalized
134	Caryophyllaceae	<i>Cerastium semidecandrum</i>	Five-stamened Chickweed	Non-native	Naturalized
135	Caryophyllaceae	<i>Dianthus armeria</i> ssp. <i>armeria</i>	Deptford Pink	Non-native	Naturalized
136	Caryophyllaceae	<i>Moehringia lateriflora</i>	Blunt-leaved Sandwort	Native	State rank: S5
137	Caryophyllaceae	<i>Myosoton aquaticum</i>	Giant Chickweed	Non-native	Naturalized
138	Caryophyllaceae	<i>Sagina japonica</i>	Japanese Pearlwort	Non-native	Naturalized
139	Caryophyllaceae	<i>Saponaria officinalis</i>	Bouncing Bet	Non-native	Naturalized
140	Caryophyllaceae	<i>Scleranthus annuus</i> ssp. <i>annuus</i>	Knawel	Non-native	Naturalized

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141	Caryophyllaceae	<i>Silene antirrhina</i>	Sleepy Catchfly	Native	State rank: S5
142	Caryophyllaceae	<i>Stellaria aquatica</i>	Giant Chickweed	Non-native	Naturalized
143	Caryophyllaceae	<i>Stellaria graminea</i>	Grass-leaved Starwort	Non-native	Naturalized
144	Caryophyllaceae	<i>Stellaria media</i>	Common Chickweed	Non-native	Naturalized
145	Celastraceae	<i>Celastrus orbiculatus</i>	Oriental Bittersweet	Non-native	Naturalized
146	Celastraceae	<i>Euonymus alatus</i>	Winged Euonymus	Non-native	Naturalized
147	Cistaceae	<i>Crocanthemum bicknellii</i>	Hoary Frostweed	Native	State rank: S5
148	Cistaceae	<i>Crocanthemum canadense</i>	Canada Frostweed	Native	State rank: S5
149	Cistaceae	<i>Lechea intermedia</i>	Large-podded Pinweed	Native	State rank: S5
150	Cistaceae	<i>Lechea minor</i>	Thyme-leaved Pinweed	Native	State rank: S3?
151	Cistaceae	<i>Lechea mucronata</i>	Hairy Pinweed	Native	State rank: S5
152	Cistaceae	<i>Lechea racemulosa</i>	Oblong-fruited Pinweed	Native	State rank: S3
153	Clethraceae	<i>Clethra alnifolia</i>	Coastal Sweet Pepperbush	Native	State rank: S5
154	Commelinaceae	<i>Commelina communis</i>	Asian Dayflower	Non-native	Naturalized
155	Commelinaceae	<i>Tradescantia ohioensis</i>	Ohio Spiderwort	Non-native	Naturalized
156	Convolvulaceae	<i>Calystegia sepium</i>	Hedge Bindweed	Native	State not ranked
157	Convolvulaceae	<i>Cuscuta gronovii</i> var. <i>latiflora</i>	Broad-flowered Common Dodder	Native	State rank: S3
158	Convolvulaceae	<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	Glandular Dodder	Native	State rank: S1S2
159	Cornaceae	<i>Cornus amomum</i> ssp. <i>amomum</i>	Silky Dogwood	Native	State rank: S5
160	Cornaceae	<i>Cornus florida</i>	Flowering Dogwood	Native	State rank: S4S5
161	Cornaceae	<i>Cornus racemosa</i>	Gray Dogwood	Native	State rank: S5
162	Elaeagnaceae	<i>Elaeagnus umbellata</i>	Autumn Olive	Non-native	Naturalized
163	Ericaceae	<i>Chimaphila maculata</i>	Spotted Wintergreen	Native	State rank: S4
164	Ericaceae	<i>Gaylussacia baccata</i>	Black Huckleberry	Native	State rank: S5
165	Ericaceae	<i>Hypopitys monotropa</i>	Yellow Pinesap	Native	State rank: S4
166	Ericaceae	<i>Kalmia latifolia</i>	Mountain Laurel	Native	State rank: S5
167	Ericaceae	<i>Lyonia ligustrina</i> var. <i>ligustrina</i>	Maleberry	Native	State rank: S5
168	Ericaceae	<i>Pyrola americana</i>	Round-leaved Shinleaf	Native	State rank: S5
169	Ericaceae	<i>Pyrola elliptica</i>	Common Shinleaf	Native	State rank: S5
170	Ericaceae	<i>Rhododendron periclymenoides</i>	Pinxter Flower	Native	State rank: S5
171	Ericaceae	<i>Rhododendron viscosum</i>	Swamp Azalea	Native	State rank: S5
172	Ericaceae	<i>Vaccinium corymbosum</i>	Highbush Blueberry	Native	State rank: S5
173	Ericaceae	<i>Vaccinium pallidum</i>	Hillside Blueberry	Native	State rank: S5
174	Ericaceae	<i>Vaccinium stamineum</i>	Deerberry	Native	State rank: S5
175	Euphorbiaceae	<i>Acalypha gracilens</i>	Slender Three-seeded Mercury	Native	State rank: S4
176	Euphorbiaceae	<i>Acalypha rhomboidea</i>	Common Three-seeded Mercury	Native	State rank: S5
177	Euphorbiaceae	<i>Euphorbia cyparissias</i>	Cypress Spurge	Non-native	Naturalized
178	Euphorbiaceae	<i>Euphorbia maculata</i>	Spotted Spurge	Native	State rank: S5
179	Euphorbiaceae	<i>Euphorbia nutans</i>	Upright Spurge	Native	State rank: S5
180	Fabaceae	<i>Amphicarpaea bracteata</i>	Hog Peanut	Native	State rank: S5
181	Fabaceae	<i>Apios americana</i>	Groundnut	Native	State rank: S5
182	Fabaceae	<i>Chamaecrista fasciculata</i> var. <i>fasciculata</i>	Partridge Pea	Native	State not ranked
183	Fabaceae	<i>Chamaecrista nictitans</i> var. <i>nictitans</i>	Wild Sensitive Plant	Native	State rank: S4S5
184	Fabaceae	<i>Crotalaria sagittalis</i>	Common Rattlebox	Native	State rank: S1
185	Fabaceae	<i>Desmodium marilandicum</i>	Smooth Small-leaved Tick Trefoil	Native	State not ranked
186	Fabaceae	<i>Desmodium paniculatum</i>	Panicled Tick Trefoil	Native	State rank: S5
187	Fabaceae	<i>Desmodium rotundifolium</i>	Round-leaved Tick Trefoil	Native	State rank: S4
188	Fabaceae	<i>Hylodesmum glutinosum</i>	Pointed-leaved Tick Trefoil	Native	State rank: S5
189	Fabaceae	<i>Lespedeza capitata</i>	Round-headed Bush Clover	Native	State rank: S5
190	Fabaceae	<i>Lespedeza cuneata</i>	Asian Bush Clover	Non-native	Naturalized
191	Fabaceae	<i>Lespedeza hirta</i> ssp. <i>hirta</i>	Hairy Bush Clover	Native	State rank: S5
192	Fabaceae	<i>Lespedeza procumbens</i>	Trailing Bush Clover	Native	State rank: S4
193	Fabaceae	<i>Lespedeza violacea</i>	Wand-like Bush Clover	Native	State rank: S5
194	Fabaceae	<i>Lespedeza virginica</i>	Slender Bush Clover	Native	State not ranked
195	Fabaceae	<i>Lotus corniculatus</i>	Common Bird's Foot Trefoil	Non-native	Naturalized
196	Fabaceae	<i>Lotus tenuis</i>	Narrow-leaved Bird's Foot Trefoil	Non-native	Naturalized
197	Fabaceae	<i>Medicago lupulina</i>	Black Medic	Non-native	Naturalized
198	Fabaceae	<i>Melilotus albus</i>	White Sweet Clover	Non-native	Naturalized
199	Fabaceae	<i>Melilotus officinalis</i>	Yellow Sweet Clover	Non-native	Naturalized
200	Fabaceae	<i>Securigera varia</i>	Crown Vetch	Non-native	Naturalized
201	Fabaceae	<i>Trifolium arvense</i>	Rabbit Foot Clover	Non-native	Naturalized
202	Fabaceae	<i>Trifolium aureum</i>	Large Hop Clover	Non-native	Naturalized
203	Fabaceae	<i>Trifolium pratense</i>	Red Clover	Non-native	Naturalized
204	Fabaceae	<i>Trifolium repens</i>	White Clover	Non-native	Naturalized
205	Fabaceae	<i>Vicia cracca</i>	Tufted Vetch	Non-native	Naturalized
206	Fagaceae	<i>Castanea dentata</i>	American Chestnut	Native	State rank: S4
207	Fagaceae	<i>Quercus alba</i>	White Oak	Native	State rank: S5
208	Fagaceae	<i>Quercus coccinea</i>	Scarlet Oak	Native	State rank: S5
209	Fagaceae	<i>Quercus ilicifolia</i>	Bear Oak	Native	State rank: S5
210	Fagaceae	<i>Quercus montana</i>	Chestnut Oak	Native	State rank: S5
211	Fagaceae	<i>Quercus palustris</i>	Pin Oak	Native	State rank: S4
212	Fagaceae	<i>Quercus rubra</i>	Northern Red Oak	Native	State rank: S5

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213	Fagaceae	<i>Quercus velutina</i>	Black Oak	Native	State rank: S5
214	Gentianaceae	<i>Bartonia virginica</i>	Virginia Screwstem	Native	State rank: S4
215	Geraniaceae	<i>Geranium maculatum</i>	Wild Geranium	Native	State rank: S5
216	Geraniaceae	<i>Geranium robertianum</i>	Herb Robert	Native	State rank: S5
217	Geraniaceae	<i>Geranium thunbergii</i>	Dewdrop Crane's Bill	Non-native	Naturalized
218	Hamamelidaceae	<i>Hamamelis virginiana</i>	Witch Hazel	Native	State rank: S5
219	Hypericaceae	<i>Hypericum mutilum</i> ssp. <i>mutilum</i>	Dwarf St. John's Wort	Native	State rank: S5
220	Hypericaceae	<i>Hypericum perforatum</i> ssp. <i>perforatum</i>	Common St. John's Wort	Non-native	Naturalized
221	Hypericaceae	<i>Hypericum prolificum</i>	Shrubby St. John's Wort	Native	State rank: S2
222	Hypericaceae	<i>Hypericum virginicum</i>	Virginia Marsh St. John's Wort	Native	State rank: S5
223	Hypoxidaceae	<i>Hypoxis hirsuta</i>	Yellow Star Grass	Native	State rank: S5
224	Juglandaceae	<i>Carya cordiformis</i>	Bitternut Hickory	Native	State rank: S5
225	Juglandaceae	<i>Carya glabra</i>	Pignut Hickory	Native	State rank: S5
226	Juglandaceae	<i>Carya ovata</i> var. <i>ovata</i>	Shagbark Hickory	Native	State rank: S5
227	Juglandaceae	<i>Carya tomentosa</i>	Mockernut Hickory	Native	State rank: S5
228	Juglandaceae	<i>Juglans nigra</i>	Black Walnut	Native	State rank: S5
229	Lamiaceae	<i>Clinopodium vulgare</i>	Wild Basil	Unknown	State not ranked
230	Lamiaceae	<i>Glechoma hederacea</i>	Ground Ivy	Non-native	Naturalized
231	Lamiaceae	<i>Lycopus uniflorus</i>	Northern Bugleweed	Native	State rank: S5
232	Lamiaceae	<i>Lycopus virginicus</i>	Virginia Bugleweed	Native	State rank: S4
233	Lamiaceae	<i>Mentha aquatica</i> × <i>M. spicata</i> = <i>M. xpiiperita</i>	Peppermint	Non-native	Naturalized
234	Lamiaceae	<i>Mentha arvensis</i>	Field Mint	Non-native	Naturalized
235	Lamiaceae	<i>Mentha spicata</i> ssp. <i>spicata</i>	Spearmint	Non-native	Naturalized
236	Lamiaceae	<i>Prunella vulgaris</i> ssp. <i>lanceolata</i>	American selfheal	Native	State not ranked
237	Lamiaceae	<i>Pycnanthemum tenuifolium</i>	Narrow-leaved Mountain Mint	Native	State rank: S5
238	Lamiaceae	<i>Pycnanthemum virginianum</i>	Virginia Mountain Mint	Native	State rank: S4
239	Lamiaceae	<i>Scutellaria lateriflora</i>	Mad Dog Skullcap	Native	State rank: S5
240	Lamiaceae	<i>Trichostema dichotomum</i>	Common Bluecurls	Native	State rank: S5
241	Lauraceae	<i>Lindera benzoin</i>	Spicebush	Native	State rank: S5
242	Lauraceae	<i>Sassafras albidum</i>	Sassafras	Native	State rank: S5
243	Lentibulariaceae	<i>Utricularia tenuicaulis</i>	Slender Stem Bladderwort	Unknown	State not ranked
244	Linderniaceae	<i>Lindernia dubia</i> var. <i>dubia</i>	Short-stalked False Pimpernel	Native	State rank: S5
245	Lythraceae	<i>Decodon verticillatus</i>	Water Willow	Native	State rank: S5
246	Lythraceae	<i>Lythrum salicaria</i>	Purple Loosestrife	Non-native	Naturalized
247	Malvaceae	<i>Hibiscus moscheutos</i> ssp. <i>moscheutos</i>	Swamp Rose Mallow	Native	State rank: S4
248	Malvaceae	<i>Tilia americana</i> var. <i>americana</i>	American Basswood	Native	State rank: S5
249	Melanthiaceae	<i>Trillium erectum</i>	Purple Trillium	Native	State rank: S5
250	Molluginaceae	<i>Mollugo verticillata</i>	Carpetweed	Non-native	Naturalized
251	Montiaceae	<i>Claytonia virginica</i>	Eastern Spring Beauty	Native	State rank: S5
252	Myricaceae	<i>Comptonia peregrina</i>	Sweet Fern	Native	State rank: S5
253	Myricaceae	<i>Morella caroliniensis</i>	Bayberry	Native	State rank: S4
254	Oleaceae	<i>Ligustrum obtusifolium</i> var. <i>obtusifolium</i>	Border Privet	Non-native	Naturalized
255	Onagraceae	<i>Circaea canadensis</i>	Eastern Enchanter's Nightshade	Native	State rank: S5
256	Onagraceae	<i>Epilobium coloratum</i>	Eastern Willowherb	Native	State rank: S5
257	Onagraceae	<i>Epilobium leptophyllum</i>	Narrow-leaved Willowherb	Native	State rank: S5
258	Onagraceae	<i>Ludwigia alternifolia</i>	Alternate-leaved Seed-box	Native	State rank: S4
259	Onagraceae	<i>Ludwigia palustris</i>	Water Purslane	Native	State rank: S5
260	Onagraceae	<i>Oenothera biennis</i>	Common Evening Primrose	Native	State rank: S5
261	Orobanchaceae	<i>Agalinis tenuifolia</i>	Slender Agalinis	Native	State rank: S5
262	Orobanchaceae	<i>Epifagus virginiana</i>	Beechdrops	Native	State rank: S5
263	Orobanchaceae	<i>Melampyrum lineare</i>	Cow Wheat	Native	State not ranked
264	Orobanchaceae	<i>Pedicularis canadensis</i>	Wood Betony	Native	State rank: S5
265	Oxalidaceae	<i>Oxalis stricta</i>	Common Yellow Wood Sorrel	Native	State rank: S5
266	Papaveraceae	<i>Adlumia fungosa</i>	Allegheny Vine	Native	State rank: S4
267	Papaveraceae	<i>Capnoides sempervirens</i>	Rock Harlequin	Native	State rank: S4
268	Papaveraceae	<i>Dicentra cucullaria</i>	Dutchman's Breeches	Native	State rank: S5
269	Papaveraceae	<i>Sanguinaria canadensis</i>	Bloodroot	Native	State rank: S4
270	Penthoraceae	<i>Penthorum sedoides</i>	Ditch Stonecrop	Native	State rank: S5
271	Phytolaccaceae	<i>Phytolacca americana</i> var. <i>americana</i>	Pokeweed	Native	State rank: S5
272	Plantaginaceae	<i>Callitriche palustris</i>	Vernal Water Starwort	Native	State rank: S5
273	Plantaginaceae	<i>Callitriche stagnalis</i>	Common Water Starwort	Non-native	Naturalized
274	Plantaginaceae	<i>Chelone glabra</i>	White Turtlehead	Native	State rank: S5
275	Plantaginaceae	<i>Digitalis purpurea</i>	Purple Foxglove	Non-native	Naturalized
276	Plantaginaceae	<i>Gratiola neglecta</i>	Northern Clammy Hedge Hyssop	Native	State rank: S5
277	Plantaginaceae	<i>Linaria canadensis</i>	Oldfield Toad Flax	Native	State rank: S4
278	Plantaginaceae	<i>Linaria vulgaris</i>	Common Toad Flax	Non-native	Naturalized
279	Plantaginaceae	<i>Penstemon digitalis</i>	Foxglove Beardtongue	Non-native	Naturalized
280	Plantaginaceae	<i>Plantago lanceolata</i>	English Plantain	Non-native	Naturalized
281	Plantaginaceae	<i>Plantago major</i>	Common Plantain	Non-native	Naturalized
282	Plantaginaceae	<i>Plantago rugelii</i>	Rugel's Plantain	Native	State rank: S5
283	Plantaginaceae	<i>Veronica arvensis</i>	Corn Speedwell	Non-native	Naturalized
284	Plantaginaceae	<i>Veronica chamaedrys</i>	Germander Speedwell	Non-native	Naturalized

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285	Plantaginaceae	<i>Veronica serpyllifolia</i> ssp. <i>serpyllifolia</i>	Common Thyme-leaved Speedwell	Non-native	Naturalized
286	Polemoniaceae	<i>Phlox paniculata</i>	Garden Phlox	Non-native	Naturalized
287	Polygalaceae	<i>Polygala verticillata</i>	Whorled Milkwort	Native	State rank: S5
288	Polygonaceae	<i>Fallopia scandens</i>	Climbing False Buckwheat	Native	State rank: S5
289	Polygonaceae	<i>Persicaria arifolia</i>	Halberd-leaved Tearthumb	Native	State rank: S5
290	Polygonaceae	<i>Persicaria extremiorientalis</i>	Far Eastern Smartweed	Non-native	Naturalized
291	Polygonaceae	<i>Persicaria hydropiper</i>	Water Pepper	Non-native	Naturalized
292	Polygonaceae	<i>Persicaria hydropiperoides</i>	Mild Water Pepper	Native	State rank: S5
293	Polygonaceae	<i>Persicaria longiseta</i>	Low Smartweed	Non-native	Naturalized
294	Polygonaceae	<i>Persicaria perfoliata</i>	Mile-a-minute Weed	Non-native	Naturalized
295	Polygonaceae	<i>Persicaria punctata</i>	Dotted Smartweed	Native	State rank: S5
296	Polygonaceae	<i>Persicaria robustior</i>	Stout Smartweed	Native	State not ranked
297	Polygonaceae	<i>Persicaria sagittata</i>	Arrow-leaved Tearthumb	Native	State rank: S5
298	Polygonaceae	<i>Persicaria virginiana</i>	Jumpseed	Native	State rank: S5
299	Polygonaceae	<i>Polygonum tenue</i>	Pleated-leaved Knotweed	Native	State rank: S3
300	Polygonaceae	<i>Reynoutria japonica</i> var. <i>japonica</i>	Japanese Knotweed	Non-native	Naturalized
301	Polygonaceae	<i>Rumex acetosella</i> ssp. <i>pyrenaicus</i>	Sheep Sorrel	Non-native	Naturalized
302	Polygonaceae	<i>Rumex britannica</i>	Great Water Dock	Native	State rank: S5
303	Polygonaceae	<i>Rumex obtusifolius</i> ssp. <i>obtusifolius</i>	Broad-leaved Dock	Non-native	Naturalized
304	Portulacaceae	<i>Portulaca oleracea</i>	Purslane	Non-native	Naturalized
305	Primulaceae	<i>Lysimachia arvensis</i>	Scarlet Pimpernel	Non-native	Naturalized
306	Primulaceae	<i>Lysimachia borealis</i>	Starflower	Native	State rank: S5
307	Primulaceae	<i>Lysimachia nummularia</i>	Creeping Jenny	Non-native	Naturalized
308	Primulaceae	<i>Lysimachia quadrifolia</i>	Whorled Loosetrife	Native	State rank: S5
309	Primulaceae	<i>Lysimachia terrestris</i>	Swamp Candles	Native	State rank: S5
310	Primulaceae	<i>Primula japonica</i>	Japanese primrose	Non-native	Naturalized
311	Primulaceae	<i>Samolus valerandi</i>	Water Pimpernel	Native	State rank: S4
312	Ranunculaceae	<i>Actaea pachypoda</i>	White Baneberry	Native	State rank: S5
313	Ranunculaceae	<i>Anemone quinquefolia</i> var. <i>quinquefolia</i>	Wood Anemone	Native	State rank: S5
314	Ranunculaceae	<i>Aquilegia canadensis</i>	Wild Columbine	Native	State rank: S5
315	Ranunculaceae	<i>Caltha palustris</i>	Marsh Marigold	Native	State rank: S5
316	Ranunculaceae	<i>Clematis virginiana</i>	Virgin's Bower	Native	State rank: S5
317	Ranunculaceae	<i>Coptis trifolia</i>	Goldthread	Native	State rank: S5
318	Ranunculaceae	<i>Ficaria verna</i>	Lesser Celandine	Non-native	Naturalized
319	Ranunculaceae	<i>Ranunculus abortivus</i>	Kidney-leaved Buttercup	Native	State rank: S5
320	Ranunculaceae	<i>Ranunculus acris</i>	Tall Buttercup	Non-native	Naturalized
321	Ranunculaceae	<i>Ranunculus bulbosus</i>	Bulbous Buttercup	Non-native	Naturalized
322	Ranunculaceae	<i>Ranunculus caricetorum</i>	Northern Swamp Buttercup	Native	State rank: S5
323	Ranunculaceae	<i>Thalictrum pubescens</i>	Tall Meadow Rue	Native	State rank: S5
324	Ranunculaceae	<i>Thalictrum thalictroides</i>	Rue Anemone	Native	State rank: S5
325	Rhamnaceae	<i>Frangula alnus</i>	Glossy Buckthorn	Non-native	Naturalized
326	Rosaceae	<i>Agrimonia gryposepala</i>	Common Agrimony	Native	State rank: S5
327	Rosaceae	<i>Agrimonia pubescens</i>	Downy Agrimony	Native	State rank: S4
328	Rosaceae	<i>Amelanchier canadensis</i> var. <i>canadensis</i>	Coastal Shadbush	Native	State rank: S5
329	Rosaceae	<i>Amelanchier laevis</i>	Smooth Shadbush	Native	State rank: S5
330	Rosaceae	<i>Amelanchier sanguinea</i>	Round-leaved Shadbush	Native	State rank: S5
331	Rosaceae	<i>Amelanchier spicata</i>	Dwarf Shadbush	Native	State rank: S5
332	Rosaceae	<i>Aronia melanocarpa</i>	Black Chokeberry	Native	State rank: S5
333	Rosaceae	<i>Aronia prunifolia</i>	Purple Chokeberry	Native	State rank: S4?
334	Rosaceae	<i>Fragaria virginiana</i> ssp. <i>virginiana</i>	Common Wild Strawberry	Native	State rank: S5
335	Rosaceae	<i>Malus baccata</i>	Siberian Crab Apple	Non-native	Naturalized
336	Rosaceae	<i>Malus domestica</i>	Cultivated Apple	Non-native	Naturalized
337	Rosaceae	<i>Malus prunifolia</i>	Chinese Crab Apple	Non-native	Naturalized
338	Rosaceae	<i>Malus toringo</i>	Toringo crab apple	Non-native	Naturalized
339	Rosaceae	<i>Photinia villosa</i>	Oriental Redtip	Non-native	Naturalized
340	Rosaceae	<i>Potentilla canadensis</i>	Dwarf Cinquefoil	Native	State rank: S4
341	Rosaceae	<i>Potentilla recta</i>	Sulphur Cinquefoil	Non-native	Naturalized
342	Rosaceae	<i>Potentilla simplex</i>	Oldfield Cinquefoil	Native	State rank: S5
343	Rosaceae	<i>Prunus avium</i>	Sweet Cherry	Non-native	Naturalized
344	Rosaceae	<i>Prunus serotina</i> var. <i>serotina</i>	Wild Black Cherry	Native	State rank: S5
345	Rosaceae	<i>Prunus virginiana</i> var. <i>virginiana</i>	Choke Cherry	Native	State rank: S5
346	Rosaceae	<i>Rosa carolina</i> ssp. <i>carolina</i>	Eastern Pasture Rose	Native	State not ranked
347	Rosaceae	<i>Rosa multiflora</i>	Multiflora Rose	Non-native	Naturalized
348	Rosaceae	<i>Rosa palustris</i>	Swamp Rose	Native	State rank: S5
349	Rosaceae	<i>Rosa virginiana</i>	Virginia Rose	Native	State rank: S4
350	Rosaceae	<i>Rubus allegheniensis</i>	Common Blackberry	Native	State rank: S5
351	Rosaceae	<i>Rubus hispidus</i>	Swamp Dewberry	Native	State rank: S5
352	Rosaceae	<i>Rubus occidentalis</i>	Black Raspberry	Native	State rank: S5
353	Rosaceae	<i>Rubus pensilvanicus</i>	Pennsylvania Blackberry	Native	State rank: S5
354	Rosaceae	<i>Rubus phoenicolasius</i>	Wineberry	Non-native	Naturalized
355	Rosaceae	<i>Spiraea alba</i> var. <i>latifolia</i>	Broad-leaved Meadowsweet	Native	State rank: S5
356	Rosaceae	<i>Spiraea tomentosa</i>	Steeplebush	Native	State rank: S5

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357	Rubiaceae	<i>Cephalanthus occidentalis</i>	Buttonbush	Native	State rank: S5
358	Rubiaceae	<i>Galium album</i>	Hedge Bedstraw	Non-native	Naturalized
359	Rubiaceae	<i>Galium aparine</i>	Cleavers	Native	State rank: S5
360	Rubiaceae	<i>Galium asprellum</i>	Rough Bedstraw	Native	State rank: S5
361	Rubiaceae	<i>Galium circaeazans</i>	Forest Wild Licorice	Native	State rank: S5
362	Rubiaceae	<i>Galium labradoricum</i>	Labrador Bedstraw	Native	State rank: S4
363	Rubiaceae	<i>Galium lanceolatum</i>	Lance-leaved Wild Licorice	Native	State rank: S5
364	Rubiaceae	<i>Galium palustre</i>	Marsh Bedstraw	Native	State rank: S5
365	Rubiaceae	<i>Galium tinctorium</i>	Southern Three-petaled Bedstraw	Native	State rank: S5
366	Rubiaceae	<i>Galium triflorum</i>	Sweet-scented Bedstraw	Native	State rank: S5
367	Rubiaceae	<i>Hexasepalum teres</i>	Rough Buttonweed	Native	State rank: S5
368	Rubiaceae	<i>Mitchella repens</i>	Partridge Berry	Native	State rank: S5
369	Rutaceae	<i>Phellodendron amurense</i>	Amur Corktree	Non-native	Naturalized
370	Salicaceae	<i>Populus heterophylla</i>	Swamp Cottonwood	Native	State rank: S2
371	Salicaceae	<i>Salix alba</i>	White Willow	Non-native	Naturalized
372	Salicaceae	<i>Salix cinerea</i> ssp. <i>oleifolia</i>	Rusty Willow	Non-native	Naturalized
373	Salicaceae	<i>Salix eriocephala</i>	Heart-leaved Willow	Native	State rank: S5
374	Salicaceae	<i>Salix sericea</i>	Silky Willow	Native	State rank: S5
375	Sapindaceae	<i>Acer nigrum</i>	Black Maple	Native	State rank: S5
376	Sapindaceae	<i>Acer rubrum</i> var. <i>rubrum</i>	Common Red Maple	Native	State rank: S5
377	Sapindaceae	<i>Acer saccharum</i>	Sugar Maple	Native	State rank: S5
378	Sapindaceae	<i>Acer spicatum</i>	Mountain Maple	Native	State rank: S4S5
379	Saxifragaceae	<i>Chrysosplenium americanum</i>	Golden Carpet	Native	State rank: S4
380	Saxifragaceae	<i>Micranthes pensylvanica</i>	Swamp Saxifrage	Native	State rank: S4S5
381	Saxifragaceae	<i>Micranthes virginensis</i>	Early Saxifrage	Native	State rank: S5
382	Saxifragaceae	<i>Mitella diphylla</i>	Two-leaved Mitrewort	Native	State rank: S5
383	Scrophulariaceae	<i>Scrophularia marilandica</i>	Carpenter's Square	Native	State rank: S4
384	Scrophulariaceae	<i>Verbascum blattaria</i>	Moth Mullein	Non-native	Naturalized
385	Scrophulariaceae	<i>Verbascum thapsus</i>	Common Mullein	Non-native	Naturalized
386	Solanaceae	<i>Solanum carolinense</i> var. <i>carolinense</i>	Horse Nettle	Native	State rank: S5
387	Solanaceae	<i>Solanum dulcamara</i>	Bitter-sweet Nightshade	Non-native	Naturalized
388	Solanaceae	<i>Solanum emulans</i>	Eastern Black Nightshade	Native	State rank: S5
389	Staphyleaceae	<i>Staphylea trifolia</i>	Bladdernut	Native	State rank: S5
390	Symplocaceae	<i>Symplocos paniculata</i>	Sapphire Berry	Non-native	Naturalized
391	Urticaceae	<i>Laportea canadensis</i>	Wood Nettle	Native	State rank: S5
392	Urticaceae	<i>Pilea fontana</i>	Black-fruited Clearweed	Native	State rank: S5
393	Urticaceae	<i>Pilea pumila</i> var. <i>pumila</i>	Green-fruited Clearweed	Native	State rank: S5
394	Verbenaceae	<i>Verbena hastata</i>	Blue Vervain	Native	State rank: S5
395	Verbenaceae	<i>Verbena urticifolia</i>	White Vervain	Native	State rank: S5
396	Viburnaceae	<i>Viburnum acerifolium</i>	Maple-leaved Viburnum	Native	State rank: S5
397	Viburnaceae	<i>Viburnum dentatum</i> var. <i>lucidum</i>	Smooth Arrowwood	Native	State rank: S5
398	Viburnaceae	<i>Viburnum dilatatum</i>	Linden Viburnum	Non-native	Naturalized
399	Viburnaceae	<i>Viburnum lentago</i>	Nannyberry	Native	State rank: S5
400	Viburnaceae	<i>Viburnum opulus</i> var. <i>opulus</i>	Guelder Rose	Non-native	State rank: S5
401	Viburnaceae	<i>Viburnum prunifolium</i>	Blackhaw	Native	State rank: S4
402	Violaceae	<i>Viola blanda</i>	Sweet White Violet	Native	State not ranked
403	Violaceae	<i>Viola cucullata</i>	Marsh Blue Violet	Native	State rank: S5
404	Violaceae	<i>Viola fimbriatula</i>	Northern Downy Violet	Native	State rank: S4
405	Violaceae	<i>Viola labradorica</i>	American Dog Violet	Native	State not ranked
406	Violaceae	<i>Viola minuscula</i>	Smooth White Violet	Native	State rank: S5
407	Violaceae	<i>Viola rotundifolia</i>	Early Yellow Violet	Native	State rank: S5
408	Violaceae	<i>Viola sororia</i>	Common Blue Violet	Native	State rank: S5
409	Violaceae	<i>Viola subsinuata</i>	Palmate-leaved Violet	Native	State rank: S5
410	Vitaceae	<i>Ampelopsis glandulosa</i>	Porcelain Berry	Non-native	Naturalized
411	Vitaceae	<i>Parthenocissus quinquefolia</i>	Virginia Creeper	Native	State rank: S5
412	Vitaceae	<i>Vitis aestivalis</i>	Summer Grape	Native	State rank: S5
413	Vitaceae	<i>Vitis labrusca</i>	Fox Grape	Native	State rank: S5
414	Vitaceae	<i>Vitis riparia</i>	River Grape	Native	State rank: S5

Ferns and Allies

415	Aspleniaceae	<i>Asplenium platyneuron</i>	Ebony Spleenwort	Native	State rank: S5
416	Aspleniaceae	<i>Asplenium trichomanes</i> ssp. <i>trichomanes</i>	Diploid Maidenhair Spleenwort	Native	State rank: S4?
417	Athyriaceae	<i>Athyrium angustum</i> (syn. <i>Athyrium filix-femina</i>)	Northern Lady Fern	Native	State rank: S5
418	Athyriaceae	<i>Deparia acrostichoides</i>	Silvery Spleenwort	Native	State rank: S5
419	Cystopteridaceae	<i>Cystopteris tenuis</i>	Mackay's fragile fern	Native	State rank: S4
420	Dennstaedtiaceae	<i>Dennstaedtia punctilobula</i>	Hay-scented Fern	Native	State rank: S5
421	Dryopteridaceae	<i>Dryopteris carthusiana</i>	Spinulose Wood Fern	Native	State rank: S5
422	Dryopteridaceae	<i>Dryopteris cristata</i>	Crested Wood Fern	Native	State rank: S5
423	Dryopteridaceae	<i>Dryopteris intermedia</i>	Evergreen Wood Fern	Native	State rank: S5
424	Dryopteridaceae	<i>Dryopteris marginalis</i>	Marginal Wood Fern	Native	State rank: S5
425	Dryopteridaceae	<i>Polystichum acrostichoides</i>	Christmas Fern	Native	State rank: S5
426	Equisetaceae	<i>Equisetum arvense</i>	Field Horsetail	Native	State rank: S5

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427	Equisetaceae	<i>Equisetum hyemale</i> ssp. <i>affine</i>	Common Scouring Rush	Native	State rank: S5
428	Lycopodiaceae	<i>Dendrolycopodium obscurum</i>	Flat-branched Tree Clubmoss	Native	State rank: S5
429	Lycopodiaceae	<i>Diphasiastrum digitatum</i>	Southern Ground Cedar	Native	State rank: S5
430	Lycopodiaceae	<i>Diphasiastrum tristachyum</i>	Blue Ground Cedar	Native	State rank: S5
431	Lycopodiaceae	<i>Lycopodium clavatum</i>	staghorn clubmoss	Native	State rank: S5
432	Onocleaceae	<i>Onoclea sensibilis</i>	Sensitive Fern	Native	State rank: S5
433	Ophioglossaceae	<i>Botrychium dissectum</i>	Dissected Grape Fern	Native	State rank: S5
434	Osmundaceae	<i>Osmunda regalis</i> var. <i>spectabilis</i>	Royal Fern	Native	State rank: S5
435	Osmundaceae	<i>Osmundastrum cinnamomeum</i> var. <i>cinnamomeum</i>	Cinnamon Fern	Native	State rank: S5
436	Polypodiaceae	<i>Polypodium appalachianum</i>	Appalachian Rock Polypody	Native	State rank: S5
437	Polypodiaceae	<i>Polypodium virginianum</i>	Virginian Rock Polypody	Native	State rank: S5
438	Pteridaceae	<i>Adiantum pedatum</i>	Maidenhair Fern	Native	State rank: S4
439	Salviniaceae	<i>Azolla cristata</i>	Mosquito Fern	Native	State not ranked
440	Selaginellaceae	<i>Selaginella apoda</i>	Meadow Spikemoss	Native	State not ranked
441	Thelypteridaceae	<i>Amauropelta noveboracensis</i>	New York Fern	Native	State rank: S5
442	Thelypteridaceae	<i>Phegopteris hexagonoptera</i>	Broad Beech Fern	Native	State rank: S4S5
443	Thelypteridaceae	<i>Thelypteris palustris</i> var. <i>pubescens</i>	Marsh Fern	Native	State rank: S5
444	Woodsiaceae	<i>Woodsia obtusa</i> ssp. <i>obtusa</i>	Blunt-lobed Woodsia	Native	State rank: S5

Gymnosperms

445	Cupressaceae	<i>Juniperus virginiana</i> var. <i>virginiana</i>	Eastern Red Cedar	Native	State rank: S5
446	Cupressaceae	<i>Thuja occidentalis</i>	Northern White Cedar	Native	State rank: S5
447	Pinaceae	<i>Larix decidua</i>	European Larch	Non-native	Naturalized
448	Pinaceae	<i>Picea glauca</i>	White Spruce	Native	State rank: S4S5
449	Pinaceae	<i>Pinus rigida</i>	Pitch Pine	Native	State rank: S5
450	Pinaceae	<i>Pinus strobus</i>	White Pine	Native	State rank: S5
451	Pinaceae	<i>Tsuga canadensis</i>	Eastern Hemlock	Native	State rank: S5

Monocots

452	Acoraceae	<i>Acorus calamus</i>	Old World Sweetflag	Non-native	Naturalized
453	Alismataceae	<i>Alisma subcordatum</i>	Southern Water Plantain	Native	State rank: S5
454	Alismataceae	<i>Sagittaria latifolia</i>	Common Arrowhead	Native	State rank: S5
455	Amaryllidaceae	<i>Allium canadense</i> var. <i>canadense</i>	Canada Onion	Native	State rank: S5
456	Amaryllidaceae	<i>Allium tricoccum</i>	Common Wild Leek	Native	State rank: S5
457	Araceae	<i>Arisaema triphyllum</i>	Common Jack-in-the-pulpit	Native	State rank: S5
458	Araceae	<i>Lemna minor</i>	Common Duckweed	Native	State rank: S5
459	Araceae	<i>Spirodela polyrhiza</i>	Common Duckmeal	Native	State rank: S5
460	Araceae	<i>Symplocarpus foetidus</i>	Skunk Cabbage	Native	State rank: S5
461	Araceae	<i>Wolffia brasiliensis</i>	Brazilian Watermeal	Native	State rank: S4
462	Aristolochiaceae	<i>Asarum canadense</i>	Wild Ginger	Native	State rank: S5
463	Aristolochiaceae	<i>Endodeca serpentaria</i>	Virginia Snakeroot	Native	State rank: S2
464	Asparagaceae	<i>Convallaria majalis</i> ssp. <i>majalis</i>	Eurasian Lily-of-the-valley	Non-native	Naturalized
465	Asparagaceae	<i>Maianthemum canadense</i>	Canada Mayflower	Native	State rank: S5
466	Asparagaceae	<i>Maianthemum racemosum</i>	False Solomon's Seal	Native	State rank: S5
467	Asparagaceae	<i>Polygonatum pubescens</i>	Hairy Solomon's Seal	Native	State rank: S5
468	Asphodelaceae	<i>Hemerocallis fulva</i>	Orange Day Lily	Non-native	Naturalized
469	Ceratophyllaceae	<i>Ceratophyllum demersum</i>	Common Coontail	Native	State rank: S5
470	Colchicaceae	<i>Uvularia perfoliata</i>	Perfoliate Bellwort	Native	State rank: S5
471	Colchicaceae	<i>Uvularia sessilifolia</i>	Sessile-leaved Bellwort	Native	State rank: S5
472	Cyperaceae	<i>Bulbostylis capillaris</i>	Tufted Hair Sedge	Native	State rank: S5
473	Cyperaceae	<i>Carex albicans</i>	White-tinged Sedge	Native	State rank: S5
474	Cyperaceae	<i>Carex annectens</i>	Yellow-fruited Sedge	Native	State rank: S5
475	Cyperaceae	<i>Carex appalachica</i>	Appalachian Sedge	Native	State rank: S5
476	Cyperaceae	<i>Carex blanda</i>	Common Woodland Sedge	Native	State rank: S5
477	Cyperaceae	<i>Carex brevior</i>	Round-fruited Sedge	Native	State rank: S5
478	Cyperaceae	<i>Carex bushii</i>	Bush's Sedge	Native	State rank: S3
479	Cyperaceae	<i>Carex cephalophora</i>	Oval-headed Sedge	Native	State rank: S5
480	Cyperaceae	<i>Carex communis</i> var. <i>communis</i>	Common Sedge	Native	State rank: S5
481	Cyperaceae	<i>Carex comosa</i>	Bristly Sedge	Native	State rank: S5
482	Cyperaceae	<i>Carex conoidea</i>	Field Sedge	Native	State rank: S5
483	Cyperaceae	<i>Carex crinita</i> var. <i>crinita</i>	Common Fringed Sedge	Native	State rank: S5
484	Cyperaceae	<i>Carex cristatella</i>	Crested Sedge	Native	State rank: S5
485	Cyperaceae	<i>Carex debilis</i> var. <i>debilis</i>	White-edged Sedge	Native	State rank: S2
486	Cyperaceae	<i>Carex debilis</i> var. <i>rudgei</i>	Rudge's sedge	Native	State rank: S5
487	Cyperaceae	<i>Carex deweyana</i> var. <i>deweyana</i>	Dewey's Sedge	Native	State rank: S5
488	Cyperaceae	<i>Carex digitalis</i> var. <i>digitalis</i>	Slender Woodland Sedge	Native	State rank: S5
489	Cyperaceae	<i>Carex echinata</i> ssp. <i>echinata</i>	Star Sedge	Native	State rank: S5
490	Cyperaceae	<i>Carex gracillima</i>	Graceful Sedge	Native	State rank: S5
491	Cyperaceae	<i>Carex interior</i>	Inland Sedge	Native	State rank: S5
492	Cyperaceae	<i>Carex intumescens</i>	Bladder Sedge	Native	State rank: S5
493	Cyperaceae	<i>Carex lacustris</i>	Lake Sedge	Native	State rank: S5
494	Cyperaceae	<i>Carex laxiculmis</i> var. <i>laxiculmis</i>	Spreading Sedge	Native	State rank: S5

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495	Cyperaceae	<i>Carex laxiflora</i>	Loose-flowered Sedge	Native	State rank: S5
496	Cyperaceae	<i>Carex lupuliformis</i>	False Hop Sedge	Native	State rank: S2
497	Cyperaceae	<i>Carex lupulina</i>	Hop Sedge	Native	State rank: S5
498	Cyperaceae	<i>Carex lurida</i>	Sallow Sedge	Native	State rank: S5
499	Cyperaceae	<i>Carex muehlenbergii</i> var. <i>muehlenbergii</i>	Muhlenberg's Sedge	Native	State rank: S4S5
500	Cyperaceae	<i>Carex normalis</i>	Large Straw Sedge	Native	State rank: S5
501	Cyperaceae	<i>Carex peltita</i>	Woolly Sedge	Native	State rank: S5
502	Cyperaceae	<i>Carex pennsylvanica</i>	Pennsylvania Sedge	Native	State rank: S5
503	Cyperaceae	<i>Carex prasina</i>	Elegant Drooping Sedge	Native	State rank: S5
504	Cyperaceae	<i>Carex rosea</i>	Common Upland Star Sedge	Native	State rank: S5
505	Cyperaceae	<i>Carex scabrata</i>	Rough Sedge	Native	State rank: S5
506	Cyperaceae	<i>Carex scoparia</i>	Pointed Broom Sedge	Native	State rank: S5
507	Cyperaceae	<i>Carex seorsa</i>	Weak Stellate Sedge	Native	State rank: S4
508	Cyperaceae	<i>Carex sparganioides</i>	Bur-reed Sedge	Native	State rank: S5
509	Cyperaceae	<i>Carex swanii</i>	Swan's Sedge	Native	State rank: S5
510	Cyperaceae	<i>Carex tribuloides</i> var. <i>tribuloides</i>	Blunt Broom Sedge	Native	State rank: S5
511	Cyperaceae	<i>Carex virescens</i>	Ribbed Sedge	Native	State rank: S5
512	Cyperaceae	<i>Carex vulpinoidea</i>	Fox Sedge	Native	State rank: S5
513	Cyperaceae	<i>Cyperus bipartitus</i>	Shining Flat Sedge	Native	State rank: S5
514	Cyperaceae	<i>Cyperus brevifolioides</i>	Asian Green-headed Sedge	Non-native	Naturalized
515	Cyperaceae	<i>Cyperus erythrorhizos</i>	Red-rooted Flat Sedge	Native	State rank: S3
516	Cyperaceae	<i>Cyperus lupulinus</i> ssp. <i>macilentus</i>	Eastern Flat Sedge	Native	State rank: S5
517	Cyperaceae	<i>Cyperus microiria</i>	Asian Flat Sedge	Non-native	Naturalized
518	Cyperaceae	<i>Cyperus strigosus</i>	False Yellow Nut Sedge	Native	State rank: S5
519	Cyperaceae	<i>Dulichium arundinaceum</i> var. <i>arundinaceum</i>	Three-way Sedge	Native	State rank: S5
520	Cyperaceae	<i>Eleocharis acicularis</i>	Needle Spike Rush	Native	State rank: S5
521	Cyperaceae	<i>Eleocharis erythropoda</i>	Red-footed Spike Rush	Native	State rank: S5
522	Cyperaceae	<i>Eleocharis obtusa</i> var. <i>obtusa</i>	Blunt Spike Rush	Native	State rank: S5
523	Cyperaceae	<i>Rhynchospora capitellata</i>	Brownish Beak Sedge	Native	State rank: S5
524	Cyperaceae	<i>Schoenoplectus tabernaemontani</i>	Soft-stemmed Bulrush	Native	State rank: S5
525	Cyperaceae	<i>Scirpus atrovirens</i>	Dark-green Bulrush	Native	State rank: S5
526	Cyperaceae	<i>Scirpus cyperinus</i>	Common Wool Grass	Native	State rank: S5
527	Cyperaceae	<i>Scirpus expansus</i>	Wood Bulrush	Native	State rank: S4
528	Cyperaceae	<i>Scirpus hattorianus</i>	Mosquito Bulrush	Native	State rank: S5
529	Dioscoreaceae	<i>Dioscorea villosa</i>	Wild Yam	Native	State rank: S5
530	Hydrocharitaceae	<i>Elodea canadensis</i>	Canada Waterweed	Native	State rank: S5
531	Iridaceae	<i>Iris pseudacorus</i>	Yellow Iris	Non-native	Naturalized
532	Iridaceae	<i>Iris versicolor</i>	Blue Flag	Native	State rank: S5
533	Juncaceae	<i>Juncus acuminatus</i>	Sharp-fruited Rush	Native	State rank: S5
534	Juncaceae	<i>Juncus brevicaudatus</i>	Narrow-panicked Rush	Native	State rank: S5
535	Juncaceae	<i>Juncus canadensis</i>	Canada Rush	Native	State rank: S5
536	Juncaceae	<i>Juncus effusus</i> ssp. <i>solutus</i>	Common Soft Rush	Native	State rank: S5
537	Juncaceae	<i>Juncus marginatus</i>	Common Grass-leaved Rush	Native	State rank: S5
538	Juncaceae	<i>Juncus tenuis</i>	Path Rush	Native	State rank: S5
539	Juncaceae	<i>Luzula multiflora</i> ssp. <i>multiflora</i>	Common Wood Rush	Native	State rank: S5
540	Liliaceae	<i>Clintonia borealis</i>	Blue Bead Lily	Native	State rank: S5
541	Liliaceae	<i>Erythronium americanum</i> ssp. <i>americanum</i>	Yellow Trout Lily	Native	State rank: S5
542	Liliaceae	<i>Lilium canadense</i>	Canada Lily	Native	State rank: S5
543	Liliaceae	<i>Medeola virginiana</i>	Indian Cucumber Root	Native	State rank: S5
544	Liliaceae	<i>Streptopus lanceolatus</i>	Rose Twisted Stalk	Native	State rank: S5
545	Magnoliaceae	<i>Liriodendron tulipifera</i>	Tulip Poplar	Native	State rank: S5
546	Melanthiaceae	<i>Veratrum viride</i>	False Hellebore	Native	State rank: S5
547	Nymphaeaceae	<i>Nuphar variegata</i>	Common Spatter Dock	Native	State rank: S5
548	Nymphaeaceae	<i>Nymphaea odorata</i> ssp. <i>odorata</i>	Fragrant White Water Lily	Native	State rank: S5?
549	Poaceae	<i>Agrostis canina</i>	Velvet Bent	Non-native	Naturalized
550	Poaceae	<i>Agrostis capillaris</i>	Rhode Island bent	Non-native	Naturalized
551	Poaceae	<i>Agrostis gigantea</i>	Redtop	Non-native	Naturalized
552	Poaceae	<i>Agrostis hyemalis</i>	Southern Tickle Grass	Native	State rank: S4S5
553	Poaceae	<i>Agrostis perennans</i>	Autumn Bent	Native	State rank: S5
554	Poaceae	<i>Agrostis scabra</i>	Northern Tickle Grass	Native	State rank: S5
555	Poaceae	<i>Andropogon gerardi</i>	Big Bluestem	Native	State rank: S5
556	Poaceae	<i>Andropogon virginicus</i> var. <i>virginicus</i>	Broom Sedge Bluestem	Native	State rank: S4
557	Poaceae	<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	Non-native	Naturalized
558	Poaceae	<i>Arrhenatherum elatius</i> ssp. <i>elatius</i>	Tall Oat Grass	Non-native	Naturalized
559	Poaceae	<i>Brachelytrum erectum</i>	Southern Shorthusk	Native	State rank: S5
560	Poaceae	<i>Bromus inermis</i>	Smooth Brome	Non-native	Naturalized
561	Poaceae	<i>Bromus pubescens</i>	Canada Brome	Native	State rank: S5
562	Poaceae	<i>Calamagrostis canadensis</i> var. <i>canadensis</i>	Canada Bluejoint Grass	Native	State rank: S5
563	Poaceae	<i>Cenchrus longispinus</i>	Long-spined Sandbur	Native	State rank: S5
564	Poaceae	<i>Cenchrus purpurascens</i>	Foxtail Fountain Grass	Non-native	Naturalized
565	Poaceae	<i>Cinna arundinacea</i>	Stout Woodreed	Native	State rank: S5
566	Poaceae	<i>Cinna latifolia</i>	Drooping Woodreed	Native	State rank: S5

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567	Poaceae	<i>Coleataenia rigidula</i> ssp. <i>rigidula</i>	Red-topped Panic Grass	Native	State not ranked
568	Poaceae	<i>Danthonia compressa</i>	Northern Oat Grass	Native	State rank: S5
569	Poaceae	<i>Danthonia spicata</i>	Poverty Grass	Native	State rank: S5
570	Poaceae	<i>Dichanthelium boscii</i>	Bosc's Rosette Grass	Native	SNR
571	Poaceae	<i>Dichanthelium clandestinum</i>	Deer-tongue Rosette Grass	Native	State rank: S5
572	Poaceae	<i>Dichanthelium columbianum</i>	District of Columbia Rosette Grass	Native	State rank: S5
573	Poaceae	<i>Dichanthelium depauperatum</i>	Poverty Rosette Grass	Native	State rank: S5
574	Poaceae	<i>Dichanthelium dichotomum</i> ssp. <i>dichotomum</i>	Forked Rosette Grass	Native	State rank: S5
575	Poaceae	<i>Dichanthelium latifolium</i>	Broad-leaved Rosette Grass	Native	State rank: S4
576	Poaceae	<i>Dichanthelium lindheimeri</i>	Lindheimer's rosette grass	Native	State not ranked
577	Poaceae	<i>Dichanthelium microcarpum</i>	Small-fruited Rosette Grass	Native	State not ranked
578	Poaceae	<i>Dichanthelium oligosanthes</i> ssp. <i>scribnerianum</i>	Scribner's Rosette Grass	Native	State rank: S5
579	Poaceae	<i>Dichanthelium sphaerocarpon</i>	Round-fruited Rosette Grass	Native	State rank: S4S5
580	Poaceae	<i>Digitaria ciliaris</i>	Southern Crab Grass	Non-native	Naturalized
581	Poaceae	<i>Digitaria ischaemum</i>	Smooth Crab Grass	Non-native	Naturalized
582	Poaceae	<i>Digitaria sanguinalis</i>	Northern Crab Grass	Non-native	Naturalized
583	Poaceae	<i>Echinochloa crus-galli</i>	Eurasian Barnyard Grass	Non-native	Naturalized
584	Poaceae	<i>Echinochloa walteri</i>	Coast Barnyard Grass	Native	State rank: S5
585	Poaceae	<i>Eleusine indica</i>	Goose Grass	Non-native	Naturalized
586	Poaceae	<i>Elymus canadensis</i> var. <i>canadensis</i>	Canada Wild Rye	Native	State rank: S5
587	Poaceae	<i>Elymus hystrix</i> var. <i>hystrix</i>	Bottlebrush Grass	Native	State rank: S5
588	Poaceae	<i>Elymus repens</i>	Quack Grass	Non-native	Naturalized
589	Poaceae	<i>Elymus riparius</i>	Eastern Riverbank Wild Rye	Native	State rank: S5
590	Poaceae	<i>Elymus virginicus</i> var. <i>virginicus</i>	Virginia Wild Rye	Native	State rank: S5
591	Poaceae	<i>Eragrostis cilianensis</i>	Stink Grass	Non-native	Naturalized
592	Poaceae	<i>Eragrostis pectinacea</i> var. <i>pectinacea</i>	Tufted Love Grass	Native	State rank: S5
593	Poaceae	<i>Eragrostis spectabilis</i>	Purple Love Grass	Native	State rank: S5
594	Poaceae	<i>Festuca rubra</i> spp. <i>rubra</i>	Red Fescue	Non-native	Naturalized
595	Poaceae	<i>Festuca subverticillata</i>	Nodding Fescue	Native	State rank: S5
596	Poaceae	<i>Festuca trachyphylla</i>	Hard Fescue	Non-native	Naturalized
597	Poaceae	<i>Glyceria canadensis</i>	Rattlesnake Manna Grass	Native	State rank: S5
598	Poaceae	<i>Glyceria melicaria</i>	Slender Manna Grass	Native	State rank: S5
599	Poaceae	<i>Glyceria striata</i>	Fowl Manna Grass	Native	State rank: S5
600	Poaceae	<i>Leersia oryzoides</i>	Rice Cut Grass	Native	State rank: S5
601	Poaceae	<i>Leersia virginica</i>	White Cut Grass	Native	State rank: S5
602	Poaceae	<i>Microstegium vimineum</i>	Japanese Stilt Grass	Non-native	Naturalized
603	Poaceae	<i>Muhlenbergia schreberi</i>	Nimble Will	Native	State rank: S5
604	Poaceae	<i>Muhlenbergia sobolifera</i>	Rock Muhly	Native	State rank: S5
605	Poaceae	<i>Panicum capillare</i> ssp. <i>capillare</i>	Common Witch Grass	Native	State rank: S5
606	Poaceae	<i>Panicum dichotomiflorum</i> ssp. <i>dichotomiflorum</i>	Smooth Panic Grass	Native	State rank: S5
607	Poaceae	<i>Panicum virgatum</i>	Switch Grass	Native	State rank: S5
608	Poaceae	<i>Paspalum floridanum</i>	Florida Paspalum	Non-native	Naturalized
609	Poaceae	<i>Paspalum laeve</i>	Field Bead Grass	Native	State rank: S3
610	Poaceae	<i>Paspalum setaceum</i> var. <i>muhlenbergii</i>	Hurrah Bead Grass	Native	State rank: S5
611	Poaceae	<i>Patis racemosa</i>	Black-fruited Rice Grass	Native	State rank: S5
612	Poaceae	<i>Phalaris arundinacea</i>	Reed Canary Grass	Native	State not ranked
613	Poaceae	<i>Phleum pratense</i> ssp. <i>pratense</i>	Common Timothy	Non-native	Naturalized
614	Poaceae	<i>Phragmites australis</i>	Old World Reed Grass	Non-native	Naturalized
615	Poaceae	<i>Piptochaetium avenaceum</i>	Black-seeded Spear Grass	Native	State rank: S2
616	Poaceae	<i>Poa annua</i>	Annual Blue Grass	Non-native	Naturalized
617	Poaceae	<i>Poa compressa</i>	Flat-stemmed Blue Grass	Non-native	Naturalized
618	Poaceae	<i>Poa palustris</i>	Fowl Blue Grass	Native	State rank: S5
619	Poaceae	<i>Poa pratensis</i> ssp. <i>pratensis</i>	Common Kentucky Blue Grass	Non-native	Naturalized
620	Poaceae	<i>Schedonorus arundinaceus</i>	Tall Rye Grass	Non-native	Naturalized
621	Poaceae	<i>Schizachyrium scoparium</i> var. <i>scoparium</i>	Little Bluestem	Native	State rank: S5
622	Poaceae	<i>Setaria faberi</i>	Giant Foxtail	Non-native	Naturalized
623	Poaceae	<i>Setaria pumila</i> ssp. <i>pumila</i>	Yellow Foxtail	Non-native	Naturalized
624	Poaceae	<i>Setaria viridis</i> var. <i>viridis</i>	Green Foxtail	Non-native	Naturalized
625	Poaceae	<i>Sorghastrum nutans</i>	Indian Grass	Native	State rank: S5
626	Poaceae	<i>Sphenopholis intermedia</i>	Slender Wedge Grass	Native	State rank: S5
627	Poaceae	<i>Sphenopholis obtusata</i>	Prairie Wedge Grass	Native	State rank: S1
628	Poaceae	<i>Sporobolus vaginiflorus</i> var. <i>vaginiflorus</i>	Poverty Dropseed	Native	State rank: S5
629	Poaceae	<i>Tridens flavus</i> var. <i>flavus</i>	Purpletop	Native	State rank: S5
630	Poaceae	<i>Tripsacum dactyloides</i> var. <i>dactyloides</i>	Eastern Gamma Grass	Native	State rank: S2
631	Pontederiaceae	<i>Pontederia cordata</i>	Pickerel Weed	Native	State rank: S5
632	Smilacaceae	<i>Smilax glauca</i>	White-leaved Greenbrier	Native	State rank: S5
633	Smilacaceae	<i>Smilax rotundifolia</i>	Common Greenbrier	Native	State rank: S5
634	Typhaceae	<i>Sparganium americanum</i>	American Bur-reed	Native	State rank: S5
635	Typhaceae	<i>Sparganium eurycarpum</i>	Giant Bur-reed	Native	State rank: S5
636	Typhaceae	<i>Typha latifolia</i>	Wide-leaved Cattail	Native	State rank: S5

**Appendix II: Plants documented with photo records on iNaturalist 2022 - 2024,
not collected due to scarcity**

Dicots

	Family	Botanical Name	Common Name	Native Status	NY Status
1	Apiaceae	<i>Sanicula marilandica</i>	Maryland Sanicle	Native	State rank: S5
2	Apocynaceae	<i>Asclepias purpurascens</i>	Purple Milkweed	Native	State rank: S2S3
3	Asteraceae	<i>Nabalus trifoliolatus</i>	Three-leaved Rattlesnake Root	Native	State rank: S5
4	Asteraceae	<i>Solidago arguta</i>	Cut-leaved Goldenrod	Native	State rank: S5
5	Ericaceae	<i>Gaultheria procumbens</i>	Teaberry	Native	State rank: S5
6	Fabaceae	<i>Hylodesmum nudiflorum</i>	Naked Tick Trefoil	Native	State rank: S5
7	Gentianaceae	<i>Gentiana clausa</i>	Meadow Bottle Gentian	Native	State rank: S4
8	Hypericaceae	<i>Hypericum gentianoides</i>	Orange Grass	Native	State rank: S5
9	Hypericaceae	<i>Hypericum punctatum</i>	Spotted St. John's Wort	Native	State rank: S5
10	Lamiaceae	<i>Collinsonia canadensis</i>	Horsebalm	Native	State rank: S5
11	Onagraceae	<i>Oenothera perennis</i>	Small Sundrops	Native	State rank: S5
12	Orobanchaceae	<i>Aureolaria virginica</i>	Downy False Foxglove	Native	State rank: S5
13	Phrymaceae	<i>Mimulus alatus</i>	Winged Monkey Flower	Native	State rank: S3
14	Plantaginaceae	<i>Veronicastrum virginicum</i>	Culver's Root	Native	State rank: S2
15	Primulaceae	<i>Lysimachia ciliata</i>	Fringed Loosestrife	Native	State rank: S5
16	Ranunculaceae	<i>Actaea racemosa</i>	Black Cohosh	Native	State rank: S4
17	Ranunculaceae	<i>Actaea xudovici</i>	Louis's Baneberry	Native	State not ranked
18	Ranunculaceae	<i>Hepatica americana</i>	Round-lobed Hepatica	Native	State rank: S5
19	Saxifragaceae	<i>Heuchera americana</i> var. <i>americana</i>	American Alumroot	Native	State rank: S3
20	Violaceae	<i>Viola primulifolia</i> var. <i>primulifolia</i>	Primrose-leaved Violet	Native	State rank: S2
21	Violaceae	<i>Viola rostrata</i>	Long-spurred Violet	Native	State rank: S5

Ferns

22	Lycopodiaceae	<i>Huperzia lucidula</i>	Shining Firmoss	Native	State rank: S5
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Monocots

23	Cyperaceae	<i>Carex granularis</i>	Limestone Meadow Sedge	Native	State rank: S5
24	Iridaceae	<i>Sisyrinchium montanum</i>	Mountain Blue-eyed Grass	Native	State rank: S5
25	Orchidaceae	<i>Cypripedium acaule</i>	Pink Lady's Slipper	Native	State rank: S4
26	Orchidaceae	<i>Goodyera pubescens</i>	Downy Rattlesnake Plantain	Native	State rank: S4S5
27	Orchidaceae	<i>Platanthera clavellata</i>	Little Club Spur Orchid	Native	State rank: S4
28	Orchidaceae	<i>Platanthera flava</i> var. <i>herbiola</i>	Northern Tubercled Orchid	Native	State rank: S4
29	Orchidaceae	<i>Spiranthes ochroleuca</i>	Yellow Ladies' Tresses	Native	State rank: S5
30	Smilacaceae	<i>Smilax herbacea</i>	Common Carrion Flower	Native	State rank: S5

Appendix III: Flora Project Notable Records 2022 - 2024

Rare Plants Collected

Botanical Name	Common Name	NY Status	Collection Date	Collection Number
<i>Polygonum tenue</i>	Pleated-leaved Knotweed	NY S3	29-Sep-2022	616
<i>Lechea racemulosa</i>	Oblong Fruited Pinweed	NY S3	6-Oct-2022	638
<i>Paspalum laeve</i>	Field Bead Grass	NY S3	10-Oct-2022	665
<i>Bidens laevis</i>	Smooth Beggar Ticks	NY S2	22-Oct-2022	16258
<i>Piptochaetium avenaceum</i>	Black-seeded Spear Grass	NY S2	10-Jun-2023	959
<i>Carex bushii</i>	Bush's Sedge	NY S3	15-Jun-2023	985
<i>Sphenopholis obtusata</i>	Prairie Wedge Grass	NY S1	29-Jun-2023	16313
<i>Carex debilis</i> var. <i>debilis</i>	White-edged Sedge	NY S2	13-Jul-2023	1040
<i>Crotalaria saggitata</i>	Common Rattlebox	NY S1	30-Jul-2023	1074
<i>Carex lupuliformis</i>	False Hop Sedge	NY S2	6-Sep-2023	1162
<i>Lechea minor</i>	Thymeleaf Pinweed	NY S3	20-Sep-2023	1195
<i>Populus heterophylla</i>	Swamp Cottonwood	NY S2	6-Apr-2024	16447
<i>Endodeca serpentaria</i>	Virginia Snakeroot	NY S2	10-Aug-2024	1478
<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	Glandular Dodder	NYS1S2	21-Aug-2024	1480
<i>Eutrochium dubium</i>	Coastal Plain Joe Pie Weed	NY S3	21-Aug-2024	185
<i>Cyperus erythrorhizos</i>	Red Rooted Flat Sedge	NY S3	4-Sep-2024	1530
<i>Cuscuta gronovii</i> var. <i>latiflora</i>	Broad-flowered Common Dodder	NY S3	4-Sep-2024	1529
<i>Hypericum prolificum</i>	Shrubby St. John's Wort	NY S2	16-Oct-2024	1583

Rare Plants Observed - not collected due to scarcity

<i>Veronicastrum virginicum</i>	Culver's Root	NY S2	13-Jul-2023	
<i>Carex lupuliformis</i>	False Hop Sedge	NY S2	2-Dec-2023	2nd location
<i>Paspalum laeve</i>	Field Bead Grass	NY S3	14-Jul-2024	3rd location
<i>Asclepias purpureascens</i>	Purple Milkweed	NY S2S3	4-Jul-2024	
<i>Heuchera americana</i> var. <i>americana</i>	American Alumroot	NY S3	6-Apr-2025	

Plants Not Ranked (SNR)

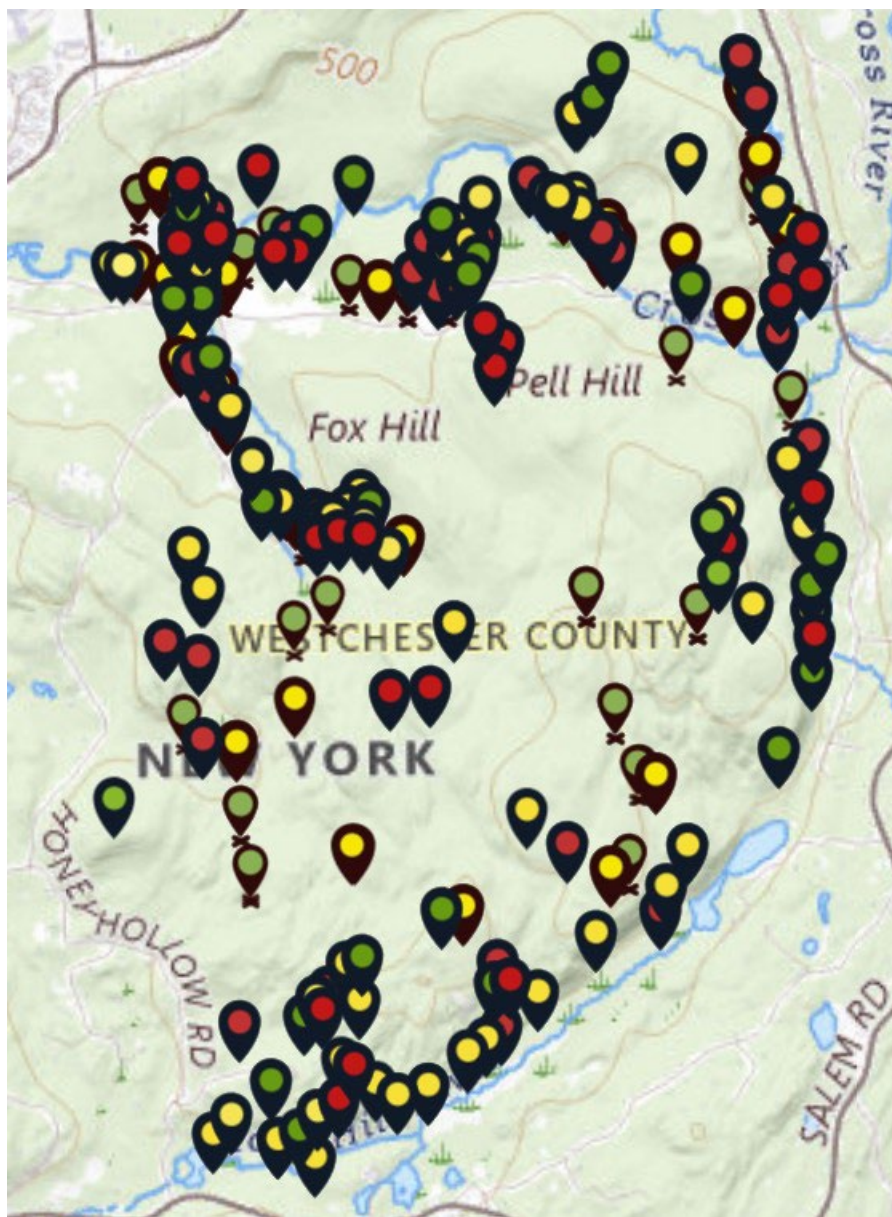
<i>Persicaria robustior</i>	Stout Smartweed	SNR	15-Oct-2022	16237
<i>Desmodium marilandicum</i>	Northern Small-leaved Tick Trefoil	SNR	29-Sep-2022	612
<i>Dichanthelium lindheimeri</i>	Lindheimer's rosette grass	SNR	22-Oct-2022	743
<i>Azolla cristata</i>	Mosquito Fern	SNR	19-Jun-2024	1410
<i>Rhus copallinum</i> var. <i>latifolia</i>	Broad-leaved Winged Sumac	SNR	27-Jul-2024	1466
<i>Symphyotrichum novi-belgii</i> var. <i>elodes</i>	Narrow-leaved New York Aster	SNR	2-Oct-2024	1560
<i>Coleataenia rigidula</i> ssp. <i>rigidula</i>	Red-Topped Panic Grass	SNR	5-Oct-2024	1567
<i>Lespedeza virginica</i>	Slender Bush Clover	SNR	12-Oct-2024	1580

First Records from Westchester County

<i>Malus torringo</i>	Torrying Crabapple	Nat	17-Sep-2022	582
<i>Lespedeza cuneata</i>	Asian Bush Clover	Nat	6-Oct-2022	629
<i>Hieracium gronovii</i>	Beaked Hawkweed	NY S4	20-Oct-2022	723
<i>Galium labradoricum</i>	Labrador Bedstraw	NY S4	22-Oct-2022	16256
<i>Dichanthelium lindheimeri</i>	Lindheimer's rosette grass	SNR	22-Oct-2022	743
<i>Juncus brevicaudatus</i>	Narrow-Panicled Rush	NY S5	22-Oct-2022	756
<i>Sphenopholis obtusata</i>	Prairie Wedge Grass	NY S1	29-Jun-2023	16313
<i>Asclepias amplexicaulis</i>	Blunt-leaved Milkweed	NY S4	6-Jul-2023	1015
<i>Diphasiastrum tristachyum</i>	Blue Ground Cedar	NY S5	5-Aug-2023	1098
<i>Cinna latifolia</i>	Drooping Woodreed	NY S5	16-Aug-2023	16393
<i>Cerastium semidecandrum</i>	Five-stamened Chickweed	Nat	29-Jun-2023	16306
<i>Dichanthelium columbianum</i>	District of Columbia Rosette Grass	NY S5	20-Sep-2023	1193
<i>Carex deweyana</i> var. <i>deweyana</i>	Dewey's Sedge	NY S5	4-May-2024	1313
<i>Populus heterophylla</i>	Swamp Cottonwood	NY S2	6-Apr-2024	16447
<i>Clintonia borealis</i>	Blue Bead Lily	NY S5	25-May-2024	1349
<i>Streptopus lanceolatus</i>	Rose Twisted Stalk	NY S5	25-May-2024	1351
<i>Lotus tenuis</i>	Narrow-leaved Bird's Foot Trefoil	Nat	26-May-2024	1361
<i>Tragopogon pratensis</i>	Meadow Salsify	Nat	26-May-2024	1363
<i>Callitriche stagnalis</i>	Common Water Starwort	Nat	26-May-2024	1367
<i>Vincetoxicum rossicum</i>	Pale Swallowwort	Nat	19-Jun-2024	1398
<i>Dichanthelium microcarpum</i>	Small-fruited Rosette Grass	SNR	19-Jun-2024	1407
<i>Rhus typhina</i>	Staghorn Sumac	NY S5	19-Jun-2024	1409
<i>Azolla cristata</i>	Mosquito Fern	SNR	19-Jun-2024	1410
<i>Spirodela polyrhiza</i>	Common Duckmeal	NY S5	19-Jun-2024	1413
<i>Wolffia brasiliensis</i>	Brazilian Watermeal	NY S4	19-Jun-2024	1413
<i>Glyceria melicaria</i>	Slender Manna Grass	NY S5	23-Jun-2024	1432
<i>Geranium thunbergii</i>	Dewdrop Crane's Bill	Nat	10-Aug-2024	16467
<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	Glandular Dodder	NYS1S2	21-Aug-2024	1480
<i>Digitalis purpurea</i>	Purple Foxglove	Nat	21-Aug-2024	16471
<i>Malus prunifolia</i>	Chinese Crab Apple	Nat	25-Aug-2024	1493
<i>Malus baccata</i>	Siberian Crab Apple	Nat	25-Aug-2024	1492
<i>Cuscuta gronovii</i> var. <i>latiflora</i>	Broad-flowered Common Dodder	NY S3	4-Sep-2024	1529
<i>Paspalum floridanum</i>	Florida Paspalum	SNR	19-Sep-2024	16493
<i>Symphotrichum novi-belgii</i> var. <i>elodes</i>	Narrow-leaved New York Aster	SNR	2-Oct-2024	1560

Flora of Ward Pound Ridge Reservation
Tenth Quarterly Report: Appendix IV
December 16, 2024 – March 15, 2025

Appendix IV: Map of Ward Pound Ridge Reservation Plant Specimen Collection Sites
15 September, 2022 – 16 December 2024



Green markers: Spring collection sites
Yellow markers: Summer collection sites
Red markers: Fall collection sites
See lists of species collected in Appendix I.