



Flora of Ward Pound Ridge Reservation

Sixth Quarterly Report

December 16, 2023 – March 15, 2024

Patricia Butter
7 Mamasco Road
Carmel, NY 10516
(917) 670-5875
plbuttercup@gmail.com

May 3, 2024

The Friends of Trailside Museum and Ward Pound Ridge Reservation
PO Box 236
Cross River, NY 10518

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 sixth quarterly report of the Flora Project covering the period of December 16, 2023 through March 15, 2024. We gratefully acknowledge the financial support of the Friends, and we hope our results so far surpass your expectations.

In consideration of the objectives of the Flora Project, our work during these winter months was focused on labeling and mounting herbarium specimens for the Trailside Museum Herbarium, preparing specimens to be delivered to the Steere Herbarium and the New York State Museum, making presentations about the work to the community, creating a list of the 433 plant species collected, and planning collection priorities for the coming season.

We could not have accomplished this work without the tremendous support that we received from the Parks staff – Taro Ietaka, and at Trailside, Danniela Ciatto, Hayley Lewis, and Brendan Wallace. Michael Gambino, former Curator at Trailside, and current Curator and Director of Marshlands Conservancy has also generously contributed his time both in the field and mounting herbarium specimens. Past Trailside curators Beth Herr and Ed Kanze have also kindly shared their knowledge, and longtime community members Ginny Powers and Gail Jankus have shared their field notes and photos. These contributions demonstrate the remarkable community support surrounding Ward Pound Ridge Reservation and provide historical background that help to make the project a success.

Pictured above is Maidenhair Spleenwort, *Asplenium trichomanes*. When we made this and another iNaturalist observation of this species at WPRR this winter, they were only the second and fourth observations of this species from the county. This species has only been collected in Westchester County once before in 1914. Now that a population of sufficient size has been located, we can plan to make the first collection in over 100 years this coming season when the plants are fertile. While this species is not considered rare in the state, it appears to be relatively rare in our area. It is a beautiful example of the unique ecological value provided by the landscape at WPRR.

The next quarter will bring an abundance of beautiful plants and a greater understanding of their diversity, distribution and function. We continue to work towards our goal, to identify and document every plant species growing on the Reserve and identify plant communities of conservation importance and concern. We are thankful for your continued generous support.

Respectfully Yours,

Patricia Butter

Flora of Ward Pound Ridge Reservation

Sixth Quarterly Report

December 16, 2023 – March 15, 2024

Table of Contents

Objective	2
Materials and Methods	2
The Species List	3
Specimens Mounted	4
Specimens to be delivered to the Steere and New York State Herbaria	5
Presentations	6
Survey Objectives for the 2024 season	6
Other Notes	7
Appendix I: List of Species Collected	
Appendix II: List of Photographic Vouchers	
Appendix III: Map of Collection Sites Sept. 2022 – Dec. 2023	

Flora of Ward Pound Ridge Reservation

Sixth Quarterly Report

December 16, 2023 – March 15, 2024

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 and Jocelyn Lucente 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, and Maxwell Sabety.

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.

Flora of Ward Pound Ridge Reservation

Sixth Quarterly Report

December 16, 2023 – March 15, 2024

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.

The Species List:

Over 430 unique plant species have been collected in our studies from Sept. 15, 2022 through December, 2023 (see Appendix I). 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. Considering that this list represents our work for only the first of three years of study, our study is well positioned to meet and likely surpass the number of species on the historic list with verifiable physical records. Of the plant species that we have collected, 80% are native, 1 unknown, and 19.5% non-native. 87 of the species that we have collected are new additions to the historic list from the park. If certain plant families are compared with the historic plant list, we can begin to see how a project of this scope will expand our knowledge of the Flora of the park.

Our list of plants collected in the family Rubiaceae includes 12 species documented with vouchers. The historic list included 11, one vouchered, one with a question mark, and one not identified to species. Species in this family that we have documented that are new additions to the park's plant list are *Galium aparine*, *Galium labradoricum*, and *Hexasepalum teres*, leaving room to grow the list well beyond the historic 11 species in the coming two years of field work.

Similarly in the family of Polygonaceae, we have documented 13 species, while the historic list contains 14. New additions to the list include *Persicaria extremiorientalis*, *Persicaria hydropiperoides*, *Persicaria robustior*, and *Polygonum tenue*. Since we have the good fortune of having Daniel, the expert in North American Polygonaceae on our team, we have a very good chance of recording every possible species in this genera.

The historic list of Juncaceae (rushes) includes 8 species, two with question marks. We have vouchered 7 species.

The historic list of Poaceae (grasses) includes 73 species, we have vouchered 65 species, and 10 of these are new additions to the historic list.

Much work remains to be done. Certain families such as Juglandaceae, Cyperaceae, Salicaceae, and Rosaceae will be further prioritized this coming season to fill gaps in the plant list.

For further details, please refer to the list in Appendix I, which also indicates which species are rare, on the state watch list, or new records from Westchester County.

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

Flora of Ward Pound Ridge Reservation

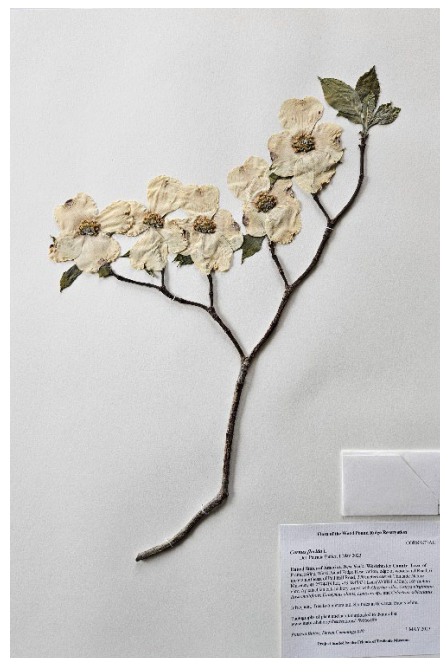
Sixth Quarterly Report

December 16, 2023 – March 15, 2024

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 two years 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, Feb 26). *Plant Collecting Ethics*.

<https://www.rhodora.org/notices/PlantCollectingEthics2022.pdf>

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



Specimens Mounted: 224

The mounting continues... during the period of Dec. 16 – March 15th, 224 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 363. The work continues, and we hope to complete mounting all the collections through 2023 by the end of April. 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.

Flora of Ward Pound Ridge Reservation

Sixth Quarterly Report

December 16, 2023 – March 15, 2024



Daniel Atha, Devon Cummings, Patricia Butter and Michael Gambino mounting specimens for the Trailside Herbarium on March 21, 2024. Photo: Brendan Wallis

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. We are finalizing edits to the specimen data to conform to the Darwin Code Standards in order that it can be published with GBIF, the Global Biodiversity Information Facility (www.gbif.org). This work is expected to be completed by the end of May.

Flora of Ward Pound Ridge Reservation

Sixth Quarterly Report

December 16, 2023 – March 15, 2024

Presentations:

There is considerable interest in our community to learn about the Flora of WPRR project. On Valentine's day, Patricia Butter presented a slideshow and lecture to over 30 members and friends of the Bedford Audubon Society about the project and the importance of floristic studies in addressing environmental issues.

On March 6th, she also presented a brief overview of the project to over 80 people involved in regional plant conservation efforts at the annual Local 59 meeting at Hilltop Hanover Farm.



Patty presenting a slideshow about the Flora of WPRR project to the Bedford Audubon Society on Feb. 14, 2024.

Survey Objectives for the 2024 season:

As the 2023 season came to a close, our thoughts turned to the coming 2024 season and our next objectives. In preparation for that planning, we set out to visit every vernal pool and wetland in the reservation. The lack of foliage in the winter affords a clear view of the topography and plant communities in these riparian areas. 25 locations were visited, and two yielded rewarding plant observations. One swamp was bordered by rock ledges with two fern species that we had been seeking: Maidenhair Spleenwort, *Asplenium trichomanes* and Mackay's Fragile Fern, *Cystopteris tenuis*. A vernal pool yielded a second population within the reservation of rare False Hop Sedge, *Carex lupuliformis*, NY S2. The notes and photos that we gathered will help us to evaluate these areas for survey prioritization and timing.

Flora of Ward Pound Ridge Reservation

Sixth Quarterly Report

December 16, 2023 – March 15, 2024



The characteristically knobby achenes of False Hop Sedges, *Carex lupuliformis*, rare NY S2.



False Hop sedge observed in an upland vernal pool on Dec. 2, 2023.

Other Notes:

The winter season offers us time for additional research and correspondence, and the rich history and vibrant community surrounding Ward Pound Ridge Reservation provide us with opportunities to learn more about the ecological changes that have occurred here, the history of land use, and the people who have spent time carefully observing the flora and fauna. People who have shared valuable information with us regarding historic plant populations include former Trailside Curators Beth Herr and Ed Kanze, long time hiker and naturalist Ginny Powers who shared 20 years of notes on Lady Slipper Orchid populations, photographer Gail Jankus who has shared her beautiful plant photos taken over the period of 30 years, and former park employee Nohham Cachet-Schilling who has shared locations of historic plant populations and native cultural perspective.

A book of special importance to WPRR was also published this winter, *Bedford Garden Club Originals: New York's Eloise Luquer and Delia Marble* by Judy Culbreth, which provides fascinating biographies of the two founders of Trailside Museum.

We are grateful to The Friends of the Trailside Museum for your commitment and financial support.

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

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

Family	Scientific Name	Common Name	Native	Rare Plants Collected	Plants on Watchlist	Westchester County Record	Not NY Ranked	Additions to Historic List
Ferns & Allies								
Aspleniaceae	<i>Asplenium platyneuron</i>	ebony spleenwort	Y					
Athyriaceae	<i>Athyrium angustum</i>	northern lady fern	Y					
Dennstaedtiaceae	<i>Dennstaedtia punctilobula</i>	hay-scented fern	Y					
Dryopteridaceae	<i>Dryopteris intermedia</i>	evergreen wood fern	Y					
Dryopteridaceae	<i>Dryopteris marginalis</i>	marginal wood fern	Y					
Dryopteridaceae	<i>Polystichum acrostichoides</i>	Christmas fern	Y					
Equisetaceae	<i>Equisetum arvense</i>	field horsetail, common horsetail	Y					
Equisetaceae	<i>Equisetum hyemale</i> ssp. <i>affine</i>	common scouring rush	Y					
Lycopodiaceae	<i>Dendrolycopodium obscurum</i>	flat-branched tree clubmoss	Y					
Lycopodiaceae	<i>Diphasiastrum digitatum</i>	southern ground cedar	Y					
Lycopodiaceae	<i>Diphasiastrum tristachyum</i>	blue ground cedar	Y			1st Record		
Lycopodiaceae	<i>Lycopodium clavatum</i>	staghorn clubmoss	Y					
Onocleaceae	<i>Onoclea sensibilis</i>	sensitive fern	Y					
Ophioglossaceae	<i>Botrychium dissectum</i>	dissected grape fern	Y					
Osmundaceae	<i>Osmunda regalis</i> var. <i>spectabilis</i>	royal fern	Y					
Osmundaceae	<i>Osmundastrum cinnamomeum</i> var. <i>cinnamomeum</i>	cinnamon fern	Y					
Polypodiaceae	<i>Polypodium virginianum</i>	Virginian rock polypody	Y					
Selaginellaceae	<i>Selaginella apoda</i>	meadow spikemoss	Y					Yes
Thelypteridaceae	<i>Amauropelta noveboracensis</i>	New York fern	Y					
Thelypteridaceae	<i>Thelypteris palustris</i> var. <i>pubescens</i>	marsh fern	Y					
Woodsiaceae	<i>Woodsia obtusa</i> ssp. <i>obtusa</i>	blunt-lobed woodsia	Y					
Gymnosperms								
Cupressaceae	<i>Juniperus virginiana</i> var. <i>virginiana</i>	eastern red cedar	Y					
Pinaceae	<i>Pinus rigida</i>	pitch pine	Y					
Pinaceae	<i>Pinus strobus</i>	white pine	Y					
Pinaceae	<i>Tsuga canadensis</i>	eastern hemlock	Y					

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

Family	Scientific Name	Common Name	Native	Rare Plants Collected	Plants on Watchlist	Westchester County Record	Not NY Ranked	Additions to Historic List
Monocots								
Alismataceae	<i>Sagittaria latifolia</i>	common arrowhead	Y					
Amaryllidaceae	<i>Allium tricoccum</i>	common wild leek	Y					
Araceae	<i>Arisaema triphyllum</i>	common Jack-in-the-pulpit	Y					
Araceae	<i>Lemna minor</i>	common duckweed	Y					
Araceae	<i>Symplocarpus foetidus</i>	skunk cabbage	Y					
Asparagaceae	<i>Maianthemum canadense</i>	Canada mayflower	Y					
Ceratophyllaceae	<i>Ceratophyllum demersum</i>	common coontail	Y					Yes
Colchicaceae	<i>Uvularia perfoliata</i>	perfoliate bellwort	Y					
Cyperaceae	<i>Bulbostylis capillaris</i>	tufted hair sedge	Y					
Cyperaceae	<i>Carex albicans</i>	white-tinged sedge	Y					
Cyperaceae	<i>Carex annectens</i>	yellow-fruited sedge	Y					
Cyperaceae	<i>Carex brevior</i>	round-fruited sedge	Y					
Cyperaceae	<i>Carex bushii</i>	Bush's sedge	Y	NY S3				
Cyperaceae	<i>Carex communis</i> var. <i>communis</i>	common sedge	Y					
Cyperaceae	<i>Carex comosa</i>	bristly sedge	Y					Yes
Cyperaceae	<i>Carex crinita</i> var. <i>crinita</i>	common fringed sedge	Y					
Cyperaceae	<i>Carex debilis</i> var. <i>debilis</i>	white-edged sedge	Y	NY S2				
Cyperaceae	<i>Carex debilis</i> var. <i>rudgei</i>	Rudge's sedge	Y					
Cyperaceae	<i>Carex digitalis</i> var. <i>digitalis</i>	slender woodland sedge	Y					
Cyperaceae	<i>Carex echinata</i> ssp. <i>echinata</i>	star sedge	Y					Yes
Cyperaceae	<i>Carex gracillima</i>	graceful sedge	Y					
Cyperaceae	<i>Carex interior</i>	inland sedge	Y					
Cyperaceae	<i>Carex intumescens</i>	bladder sedge	Y					
Cyperaceae	<i>Carex laxiculmis</i> var. <i>laxiculmis</i>	spreading sedge	Y					
Cyperaceae	<i>Carex laxiflora</i>	loose-flowered sedge	Y					
Cyperaceae	<i>Carex lupuliformis</i>	false hop sedge	Y	NY S2				Yes
Cyperaceae	<i>Carex lupulina</i>	hop sedge	Y					
Cyperaceae	<i>Carex muehlenbergii</i> var. <i>muehlenbergii</i>	Muhlenberg's sedge	Y		S4	1st Record		
Cyperaceae	<i>Carex pensylvanica</i>	Pennsylvania sedge	Y					
Cyperaceae	<i>Carex scoparia</i>	pointed broom sedge	Y					
Cyperaceae	<i>Carex swanii</i>	Swan's sedge	Y					
Cyperaceae	<i>Carex virescens</i>	ribbed sedge	Y					
Cyperaceae	<i>Cyperus bipartitus</i>	shining flat sedge	Y					Yes
Cyperaceae	<i>Cyperus brevifolioides</i>	Asian green-headed sedge	N					Yes

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

Cyperaceae	<i>Cyperus lupulinus</i> ssp. <i>macilentus</i>	eastern flat sedge	Y		
Cyperaceae	<i>Cyperus strigosus</i>	false yellow nut sedge	Y		
	<i>Dulichium arundinaceum</i> var.	three-way sedge			
Cyperaceae	<i>arundinaceum</i>		Y		
Cyperaceae	<i>Eleocharis obtusa</i> var. <i>obtus</i>	blunt spike rush	Y		
Cyperaceae	<i>Eleocharis tenuis</i> var. <i>tenuis</i>	slender spike rush	Y		
Cyperaceae	<i>Rhynchospora capitellata</i>	brownish beak sedge	Y		
Cyperaceae	<i>Schoenoplectus tabernaemontani</i>	soft-stemmed bulrush	Y		
Cyperaceae	<i>Scirpus cyperinus</i>	common wool grass	Y		
Cyperaceae	<i>Scirpus expansus</i>	wood bulrush	Y		
Cyperaceae	<i>Scirpus hattorianus</i>	mosquito bulrush	Y		Yes
Dioscoreaceae	<i>Dioscorea villosa</i>	wild yam	Y		
Hydrocharitaceae	<i>Elodea canadensis</i>	Canada waterweed	Y		
Iridaceae	<i>Iris versicolor</i>	blue flag	Y		
Juncaceae	<i>Juncus acuminatus</i>	sharp-fruited rush	Y		
Juncaceae	<i>Juncus brevicaudatus</i>	narrow-panicled rush	Y	1st Record	Yes
Juncaceae	<i>Juncus canadensis</i>	Canada rush	Y		Yes
Juncaceae	<i>Juncus effusus</i> spp. <i>solutus</i>	common soft rush	Y		
Juncaceae	<i>Juncus marginatus</i>	common grass-leaved rush	Y		
Juncaceae	<i>Juncus tenuis</i>	path rush	Y		
Juncaceae	<i>Luzula multiflora</i> ssp. <i>multiflora</i>	common wood rush	Y		
	<i>Erythronium americanum</i> ssp.	yellow trout lily			
Liliaceae	<i>americanum</i>		Y		
Liliaceae	<i>Medeola virginiana</i>	Indian cucumber root	Y		
Poaceae	<i>Agrostis canina</i>	velvet bent	N		Yes
Poaceae	<i>Agrostis capillaris</i>	Rhode Island bent	N		
Poaceae	<i>Agrostis gigantea</i>	redtop	N		
Poaceae	<i>Agrostis hyemalis</i>	southern tickle grass	Y		Yes
Poaceae	<i>Agrostis scabra</i>	northern tickle grass	Y		Yes
Poaceae	<i>Andropogon gerardi</i>	big bluestem	Y		
	<i>Andropogon virginicus</i> var.	broom sedge bluestem			
Poaceae	<i>virginicus</i>		Y		
Poaceae	<i>Anthoxanthum odoratum</i>	sweet vernal grass	N		
Poaceae	<i>Arrhenatherum elatius</i> ssp. <i>elatius</i>	tall oat grass	N		
Poaceae	<i>Brachyelytrum erectum</i>	southern shorthusk	Y		
Poaceae	<i>Bromus inermis</i>	smooth brome	N		
	<i>Calamagrostis canadensis</i> var.	Canada bluejoint grass			
Poaceae	<i>canadensis</i>		Y		Yes

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

Poaceae	<i>Cenchrus longispinus</i>	long-spined sandbur	Y			Yes
Poaceae	<i>Cenchrus purpurascens</i>	foxtail fountain grass	N			Yes
Poaceae	<i>Cinna arundinacea</i>	stout woodreed	Y			
Poaceae	<i>Cinna latifolia</i>	drooping woodreed	Y		1st Record	
Poaceae	<i>Danthonia spicata</i>	poverty grass	Y			
Poaceae	<i>Dichanthelium clandestinum</i>	deer-tongue rosette grass	Y			
	<i>Dichanthelium columbianum</i>	District of Columbia rosette grass				
Poaceae			Y			
	<i>Dichanthelium dichotomum</i> ssp.	forked rosette grass				
Poaceae	<i>dichotomum</i>		Y			
Poaceae	<i>Dichanthelium latifolium</i>	broad-leaved rosette grass	Y			
Poaceae	<i>Dichanthelium lindheimeri</i>	Lindheimer's rosette grass	Y		1st Record	SNR Yes
	<i>Dichanthelium oligosanthes</i> ssp.	Scribner's rosette grass				
Poaceae	<i>scribnerianum</i>		Y			Yes
Poaceae	<i>Dichanthelium sphaerocarpon</i>	round-fruited rosette grass	Y			
Poaceae	<i>Digitaria ciliaris</i>	southern crab grass	N			Yes
Poaceae	<i>Digitaria ischaemum</i>	smooth crab grass	N			
Poaceae	<i>Digitaria sanguinalis</i>	northern crab grass	N			
Poaceae	<i>Echinochloa crus-galli</i>	Eurasian barnyard grass	N			
Poaceae	<i>Eleusine indica</i>	goose grass	N			
Poaceae	<i>Elymus canadensis</i> var. <i>canadensis</i>	Canada wild rye	Y			Yes
Poaceae	<i>Elymus repens</i>	quack grass	N			
Poaceae	<i>Elymus riparius</i>	eastern riverbank wild rye	Y			
Poaceae	<i>Elymus virginicus</i> var. <i>virginicus</i>	Virginia wild rye	Y			
Poaceae	<i>Eragrostis cilianensis</i>	stink grass	N			Yes
	<i>Eragrostis pectinacea</i> var.	tufted love grass				
Poaceae	<i>pectinacea</i>		Y			
Poaceae	<i>Eragrostis spectabilis</i>	purple love grass	Y			
Poaceae	<i>Festuca subverticillata</i>	nodding fescue	Y			
Poaceae	<i>Festuca trachyphylla</i>	hard fescue	N			
Poaceae	<i>Glyceria striata</i>	fowl manna grass	Y			
Poaceae	<i>Leersia oryzoides</i>	rice cut grass	Y			
Poaceae	<i>Leersia virginica</i>	white cut grass	Y			
Poaceae	<i>Microstegium vimineum</i>	Japanese stilt grass	N			
Poaceae	<i>Muhlenbergia sobolifera</i>	rock muhly	Y			Yes
	<i>Panicum dichotomiflorum</i> ssp.	smooth panic grass				
Poaceae	<i>dichotomiflorum</i>		Y			Yes
Poaceae	<i>Panicum virgatum</i>	switch grass	Y			Yes

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

Poaceae	<i>Paspalum laeve</i>	field bead grass	Y	NY S3	Yes
	<i>Paspalum setaceum</i> var.	hurrah bead grass			
Poaceae	<i>muhlenbergii</i>		Y		Yes
Poaceae	<i>Phleum pratense</i> ssp. <i>pratense</i>	common Timothy	N		
Poaceae	<i>Phragmites australis</i>	Old World reed grass	N		
Poaceae	<i>Piptochaetium avenaceum</i>	black-seeded spear grass	Y	NY S2	
Poaceae	<i>Poa annua</i>	annual blue grass	N		
		flat-stemmed blue grass, Canada			
Poaceae	<i>Poa compressa</i>	blue grass	N		
Poaceae	<i>Poa palustris</i>	fowl blue grass	Y		
Poaceae	<i>Poa pratensis</i> ssp. <i>pratensis</i>	common Kentucky blue grass	N		
	<i>Schizachyrium scoparium</i> var.	little bluestem			
Poaceae	<i>scoparium</i>		Y		
Poaceae	<i>Setaria faberi</i>	giant foxtail, Chinese foxtail	N		
Poaceae	<i>Setaria pumila</i> ssp. <i>pumila</i>	yellow foxtail	N		
Poaceae	<i>Setaria viridis</i> var. <i>viridis</i>	green foxtail	N		Yes
Poaceae	<i>Sorghastrum nutans</i>	Indian grass	Y		
Poaceae	<i>Sphenopholis obtusata</i>	prarie wedge grass	Y	NY S1	
Poaceae	<i>Tridens flavus</i> var. <i>flavus</i>	purpletop	Y		
	<i>Tripsacum dactyloides</i> var.	eastern gamma grass			
Poaceae	<i>dactyloides</i>		Y		Yes
Smilacaceae	<i>Smilax glauca</i>	white-leaved greenbrier	Y		
Smilacaceae	<i>Smilax rotundifolia</i>	common greenbrier	Y		
Typhaceae	<i>Sparganium americanum</i>	American bur-reed	Y		Yes
Typhaceae	<i>Sparganium eurycarpum</i>	giant bur-reed	Y		Yes
Typhaceae	<i>Typha latifolia</i>	wide-leaved cattail	Y		

Dicots

Anacardiaceae	<i>Toxicodendron vernix</i>	poison sumac	Y		
	<i>Sanicula canadensis</i> var.	common Canada sanicle			
Apiaceae	<i>canadensis</i>		Y		Yes
Apiaceae	<i>Sium suave</i>	hemlock water parsnip	Y		
Apiaceae	<i>Zizia aurea</i>	common golden Alexanders	Y		
Apocynaceae	<i>Apocynum cannabinum</i>	Indian hemp	Y		
Apocynaceae	<i>Asclepias amplexicaulis</i>	blunt-leaved milkweed	Y	S4	1st Record
Apocynaceae	<i>Asclepias incarnata</i> ssp. <i>pulchra</i>	eastern swamp milkweed	Y		
Apocynaceae	<i>Asclepias syriaca</i>	common milkweed	Y		
Apocynaceae	<i>Asclepias tuberosa</i>	butterfly weed	Y		

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

Apocynaceae	<i>Vincetoxicum nigrum</i>	black swallowwort	N		Yes
Aquifoliaceae	<i>Ilex verticillata</i>	common winterberry	Y		
Araliaceae	<i>Panax trifolius</i>	dwarf ginseng	Y		
Asteraceae	<i>Achillea millefolium</i>	common yarrow	Y		
Asteraceae	<i>Ageratina altissima</i>	common white snakeroot	Y		
Asteraceae	<i>Ambrosia artemisiifolia</i>	common ragweed	Y		
Asteraceae	<i>Anaphalis margaritacea</i>	pearly everlasting	Y		
Asteraceae	<i>Antennaria parlinii</i> ssp. <i>fallax</i>	deceitful pussytoes	Y		Yes
Asteraceae	<i>Artemisia vulgaris</i>	mugwort	N		Yes
Asteraceae	<i>Bidens connata</i>	purple-stemmed beggar ticks	Y		Yes
Asteraceae	<i>Bidens laevis</i>	smooth beggar ticks	Y	NY S2	Yes
Asteraceae	<i>Centaurea stoebe</i> ssp. <i>micranthos</i>	spotted knapweed	N		
Asteraceae	<i>Doellingeria umbellata</i> var. <i>umbellata</i>	tall flat-topped white aster	Y		
Asteraceae	<i>Erigeron canadensis</i> var. <i>canadensis</i>	common horseweed	Y		
Asteraceae	<i>Erigeron pulchellus</i> var. <i>pulchellus</i>	Robin's plantain	Y		
Asteraceae	<i>Eurybia divaricata</i>	white wood aster	Y		
Asteraceae	<i>Euthamia graminifolia</i>	common flat-topped goldenrod	Y		
Asteraceae	<i>Eutrochium fistulosum</i>	hollow Joe Pye weed	Y		Yes
Asteraceae	<i>Helianthus decapetalus</i>	thin-leaved sunflower	Y		
Asteraceae	<i>Heliopsis helianthoides</i>	sunflower everlasting	Y		Yes
Asteraceae	<i>Hieracium gronovii</i>	beaked hawkweed	Y	S4	1st Record Yes
Asteraceae	<i>Hieracium paniculatum</i>	panicked hawkweed	Y		
Asteraceae	<i>Ionactis linariifolia</i>	stiff-leaved aster	Y		
Asteraceae	<i>Krigia biflora</i>	two-flowered dwarf dandelion	Y		
Asteraceae	<i>Krigia virginica</i>	Virginia dwarf dandelion	Y		
Asteraceae	<i>Lactuca canadensis</i>	tall lettuce	Y		
Asteraceae	<i>Mikania scandens</i>	climbing hempweed, climbing boneset	Y		
Asteraceae	<i>Nabalus altissimus</i>	tall rattlesnake root	Y		
Asteraceae	<i>Oclemena acuminata</i>	whorled wood aster	Y		
Asteraceae	<i>Packera aurea</i>	golden ragwort	Y		
Asteraceae	<i>Pilosella caespitosa</i>	yellow hawkweed	N		Yes
Asteraceae	<i>Solidago altissima</i> ssp. <i>altissima</i>	tall goldenrod	Y		Yes
Asteraceae	<i>Solidago bicolor</i>	silver rod	Y		

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

		blue-stemmed goldenrod, wreath		
Asteraceae	<i>Solidago caesia</i> var. <i>caesia</i>	goldenrod	Y	
Asteraceae	<i>Solidago canadensis</i> var. <i>canadensis</i>	Canada goldenrod	Y	Yes
Asteraceae	<i>Solidago juncea</i>	early goldenrod	Y	
Asteraceae	<i>Solidago nemoralis</i> ssp. <i>nemoralis</i>	gray goldenrod	Y	
Asteraceae	<i>Solidago odora</i>	sweet goldenrod	Y	
Asteraceae	<i>Solidago patula</i>	rough-leaved goldenrod	Y	
Asteraceae	<i>Solidago puberula</i>	downy goldenrod	Y	Yes
Asteraceae	<i>Solidago rugosa</i> var. <i>aspera</i>	southern wrinkle-leaved goldenrod	Y	
Asteraceae	<i>Solidago sempervirens</i>	northern seaside goldenrod	Y	Yes
Asteraceae	<i>Solidago speciosa</i>	showy goldenrod	Y	Yes
Asteraceae	<i>Symphyotrichum cordifolium</i>	heart-leaved aster	Y	
Asteraceae	<i>Symphyotrichum ericoides</i> var. <i>ericoides</i>	heath aster	Y	Yes
Asteraceae	<i>Symphyotrichum lanceolatum</i> var. <i>lanceolatum</i>	lance-leaved aster	Y	
Asteraceae	<i>Symphyotrichum lateriflorum</i>	calico aster	Y	
Asteraceae	<i>Symphyotrichum novi-belgii</i> var. <i>novi-belgii</i>	common New York aster	Y	Yes
Asteraceae	<i>Symphyotrichum patens</i> var. <i>patens</i>	common late purple aster	Y	
Asteraceae	<i>Symphyotrichum pilosum</i> var. <i>pringlei</i>	Pringle's aster	Y	Yes
Asteraceae	<i>Symphyotrichum puniceum</i> var. <i>puniceum</i>	purple-stemmed aster	Y	
Asteraceae	<i>Vernonia noveboracensis</i>	New York ironweed	Y	Yes
Balsaminaceae	<i>Impatiens capensis</i>	spotted jewelweed	Y	
Berberidaceae	<i>Berberis thunbergii</i>	Japanese barberry	N	
Berberidaceae	<i>Caulophyllum thalictroides</i>	blue cohosh, late blue cohosh	Y	
Betulaceae	<i>Alnus serrulata</i>	smooth alder	Y	
Betulaceae	<i>Betula alleghaniensis</i>	yellow birch	Y	
Betulaceae	<i>Betula populifolia</i>	gray birch	Y	
Betulaceae	<i>Carpinus caroliniana</i> ssp. <i>virginiana</i>	musclewood, ironwood, American hornbeam	Y	
Betulaceae	<i>Corylus americana</i>	American hazelnut	Y	
Betulaceae	<i>Corylus cornuta</i> ssp. <i>cornuta</i>	beaked hazelnut	Y	

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

Boraginaceae	<i>Myosotis scorpioides</i>	water forget-me-not	N		
Brassicaceae	<i>Arabidopsis thaliana</i>	mouse ear cress, thale cress	N		Yes
Brassicaceae	<i>Capsella bursa-pastoris</i>	shepherd's purse	N		
Brassicaceae	<i>Cardamine diphylla</i>	two-leaved toothwort	Y		
Brassicaceae	<i>Cardamine hirsuta</i>	hairy bitter cress	N		
Brassicaceae	<i>Cardamine parviflora</i>	small-flowered bitter cress	Y		Yes
Brassicaceae	<i>Cardamine pensylvanica</i>	Pennsylvania bitter cress	Y		
Brassicaceae	<i>Draba verna</i>	spring whitlow grass	N		
Brassicaceae	<i>Lepidium virginicum ssp. virginicum</i>	wild pepperweed	Y		
Brassicaceae	<i>Rorippa palustris ssp. palustris</i>	marsh yellow cress	Y		Yes
Campanulaceae	<i>Lobelia cardinalis</i>	cardinal flower	Y		
Campanulaceae	<i>Lobelia inflata</i>	Indian tobacco	Y		
Campanulaceae	<i>Lobelia siphilitica</i> var. <i>siphilitica</i>	great blue lobelia	Y		
Campanulaceae	<i>Lobelia spicata</i> var. <i>spicata</i>	common spiked lobelia	Y		
Campanulaceae	<i>Palustricodon aparinoides</i>	marsh bellflower	Y		Yes
Caprifoliaceae	<i>Lonicera morrowii</i>	Morrow's honeysuckle	N		
Caryophyllaceae	<i>Arenaria serpyllifolia</i>	thyme-leaved sandwort	N		
Caryophyllaceae	<i>Cerastium semidecandrum</i>	five-stamened chickweed	N	1st Documented	Yes
Caryophyllaceae	<i>Dianthus armeria</i> ssp. <i>armeria</i>	Deptford pink	N		
Caryophyllaceae	<i>Moehringia lateriflora</i>	blunt-leaved sandwort	Y		
Caryophyllaceae	<i>Myosoton aquaticum</i>	giant chickweed	N		Yes
Caryophyllaceae	<i>Scleranthus annuus</i> ssp. <i>annuus</i>	knawel	N		Yes
Caryophyllaceae	<i>Silene antirrhina</i>	sleepy catchfly	Y		
Caryophyllaceae	<i>Stellaria aquatica</i>	giant chickweed	N		Yes
Caryophyllaceae	<i>Stellaria graminea</i>	grass-leaved starwort, grass-leaved stitchwort	N		
Celastraceae	<i>Euonymus alatus</i>	burningbush, winged euonymus	N		
Cistaceae	<i>Crocianthemum bicknellii</i>	hoary frostweed, hoary rock rose	Y		Yes
Cistaceae		Canada frostweed, Canada rock rose			
Cistaceae	<i>Crocianthemum canadense</i>	rose	Y		
Cistaceae	<i>Lechea minor</i>	thyme-leaved pinweed	Y	NY S3	Yes
Cistaceae	<i>Lechea mucronata</i>	hairy pinweed	Y		Yes
Cistaceae	<i>Lechea racemulosa</i>	oblong-fruited pinweed	Y	NY S3	Yes
Clethraceae	<i>Clethra alnifolia</i>	coastal sweet pepperbush	Y		
Commelinaceae	<i>Commelina communis</i>	Asian dayflower	N		Yes
Cornaceae	<i>Cornus amomum</i> ssp. <i>amomum</i>	silky dogwood	Y		
Cornaceae	<i>Cornus florida</i>	flowering dogwood	Y		

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

		gray dogwood, red-panicled			
Cornaceae	<i>Cornus racemosa</i>	dogwood	Y		
Elaeagnaceae	<i>Elaeagnus umbellata</i>	autumn olive	N		Yes
Ericaceae	<i>Chimaphila maculata</i>	spotted wintergreen	Y		
Ericaceae	<i>Gaylussacia baccata</i>	black huckleberry	Y		
Ericaceae	<i>Hypopitys monotropa</i>	yellow pinesap	Y		Yes
Ericaceae	<i>Kalmia latifolia</i>	mountain laurel	Y		
Ericaceae	<i>Lyonia ligustrina</i> var. <i>ligustrina</i>	maleberry	Y		
Ericaceae	<i>Pyrola americana</i>	round-leaved shinleaf	Y		Yes
Ericaceae	<i>Pyrola elliptica</i>	common shinleaf	Y		
Ericaceae	<i>Rhododendron viscosum</i>	swamp azalea	Y		
Ericaceae	<i>Vaccinium corymbosum</i>	highbush blueberry	Y		
Ericaceae	<i>Vaccinium pallidum</i>	hillside blueberry	Y		
Ericaceae	<i>Vaccinium stamineum</i>	deerberry	Y		
Euphorbiaceae	<i>Euphorbia maculata</i>	spotted spurge	Y		
Euphorbiaceae	<i>Euphorbia nutans</i>	upright spurge	Y		
Fabaceae	<i>Amphicarpaea bracteata</i>	hog peanut	Y		Yes
Fabaceae	<i>Apios americana</i>	groundnut	Y		
	<i>Chamaecrista nictitans</i> var. <i>nicitans</i>	wild sensitive plant	Y		
Fabaceae	<i>Crotalaria sagittalis</i>	common rattlebox	Y	NY S1	
Fabaceae	<i>Desmodium marilandicum</i>	smooth small-leaved tick trefoil	Y		SNR
Fabaceae	<i>Hylodesmum glutinosum</i>	pointed-leaved tick trefoil	Y		
Fabaceae	<i>Lespedeza capitata</i>	round-headed bush clover	Y		
Fabaceae	<i>Lespedeza cuneata</i>	Asian bush clover	N	1st Record	Yes
Fabaceae	<i>Lespedeza procumbens</i>	trailing bush clover	Y		
Fabaceae	<i>Lespedeza violacea</i>	wand-like bush clover	Y		
Fabaceae	<i>Medicago lupulina</i>	black medic	N		
Fabaceae	<i>Securigera varia</i>	crown vetch	N		
Fabaceae	<i>Trifolium arvense</i>	rabbit foot clover	N		
Fabaceae	<i>Trifolium pratense</i>	red clover	N		
Fabaceae	<i>Trifolium repens</i>	white clover	N		
Fagaceae	<i>Quercus alba</i>	white oak	Y		
Fagaceae	<i>Quercus coccinea</i>	scarlet oak	Y		
Fagaceae	<i>Quercus ilicifolia</i>	scrub oak, bear oak	Y		Yes
Fagaceae	<i>Quercus montana</i>	chestnut oak	Y		
Fagaceae	<i>Quercus palustris</i>	pin oak	Y		
Fagaceae	<i>Quercus rubra</i>	northern red oak	Y		

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

Fagaceae	<i>Quercus velutina</i>	black oak	Y	
Hamamelidaceae	<i>Hamamelis virginiana</i>	witch hazel	Y	
Hypericaceae	<i>Hypericum mutilum</i> ssp. <i>mutilum</i>	dwarf St. John's wort	Y	
	<i>Hypericum perforatum</i> ssp. <i>perforatum</i>	common St. John's wort	N	
Hypoxidaceae	<i>Hypoxis hirsuta</i>	yellow star grass	Y	
Juglandaceae	<i>Carya ovata</i> var. <i>ovata</i>	shagbark hickory	Y	
Juglandaceae	<i>Juglans nigra</i>	black walnut	Y	
Lamiaceae	<i>Clinopodium vulgare</i>	wild basil	U	
Lamiaceae	<i>Lycopus uniflorus</i>	northern bugleweed, northern		
		water horehound	Y	Yes
		Virginia bugleweed, Virginia		
Lamiaceae	<i>Lycopus virginicus</i>	water horehound	Y	
Lamiaceae	<i>Mentha arvensis</i>	field mint	N	
Lamiaceae	<i>Mentha spicata</i> ssp. <i>spicata</i>	spearmint	N	
Lamiaceae	<i>Prunella vulgaris</i> ssp. <i>lanceolata</i>	American selfheal	Y	Yes
Lamiaceae	<i>Pycnanthemum tenuifolium</i>	narrow-leaved mountain mint	Y	
Lamiaceae	<i>Pycnanthemum virginianum</i>	Virginia mountain mint	Y	
Lamiaceae	<i>Trichostema dichotomum</i>	common bluecurls	Y	
Lauraceae	<i>Lindera benzoin</i>	spicebush	Y	
	<i>Hibiscus moscheutos</i> ssp. <i>moscheutos</i>	swamp rose mallow	Y	
Malvaceae	<i>Trillium erectum</i>	purple trillium, stinking Benjamin	Y	
Molluginaceae	<i>Mollugo verticillata</i>	carpetweed	N	Yes
Myricaceae	<i>Comptonia peregrina</i>	sweet fern	Y	
Myricaceae	<i>Morella caroliniensis</i>	bayberry	Y	
	<i>Ligustrum obtusifolium</i> var. <i>obtusifolium</i>	border privet	N	Yes
Onagraceae	<i>Circaea canadensis</i>	eastern enchanter's nightshade	Y	
Onagraceae	<i>Epilobium coloratum</i>	eastern willowherb	Y	
Onagraceae	<i>Ludwigia palustris</i>	water purslane	Y	
Orobanchaceae	<i>Epifagus virginiana</i>	beechdrops	Y	
Orobanchaceae	<i>Melampyrum lineare</i>	cow wheat	Y	
Orobanchaceae	<i>Pedicularis canadensis</i>	wood betony, eastern lousewort	Y	
Oxalidaceae	<i>Oxalis stricta</i>	common yellow wood sorrel	Y	
Papaveraceae	<i>Capnoides sempervirens</i>	rock harlequin, pink corydalis	Y	
Papaveraceae	<i>Dicentra cucullaria</i>	Dutchman's breeches	Y	
Papaveraceae	<i>Sanguinaria canadensis</i>	bloodroot	Y	

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

Penthoraceae	<i>Penthorum sedoides</i>	ditch stonecrop	Y		Yes
	<i>Phytolacca americana</i> var.	pokeweed			
Phytolaccaceae	<i>americana</i>		Y		
Plantaginaceae	<i>Callitriche palustris</i>	vernal water starwort	Y		
Plantaginaceae	<i>Chelone glabra</i>	white turtlehead	Y		
Plantaginaceae	<i>Linaria canadensis</i>	oldfield toad flax	Y		
		butter-and-eggs, common toad			
Plantaginaceae	<i>Linaria vulgaris</i>	flax	N		
Plantaginaceae	<i>Plantago lanceolata</i>	English plantain	N		
Plantaginaceae	<i>Plantago major</i>	common plantain	N		
Plantaginaceae	<i>Plantago rugelii</i>	Rugel's plantain	Y		
Plantaginaceae	<i>Veronica arvensis</i>	corn speedwell	N		
	<i>Veronica serpyllifolia</i> ssp.	common thyme-leaved speedwell			
Plantaginaceae	<i>serpyllifolia</i>		N		
Polemoniaceae	<i>Phlox paniculata</i>	garden phlox	N		Yes
Polygonaceae	<i>Fallopia scandens</i>	climbing false buckwheat	Y		Yes
Polygonaceae	<i>Persicaria arifolia</i>	halberd-leaved tearthumb	Y		
Polygonaceae	<i>Persicaria extremiorientalis</i>	far easter smartweed	N		Yes
Polygonaceae	<i>Persicaria hydropiper</i>	water pepper	N		
Polygonaceae	<i>Persicaria hydropiperoides</i>	mild water pepper	Y		Yes
Polygonaceae	<i>Persicaria longiseta</i>	low smartweed	N		
Polygonaceae	<i>Persicaria perfoliata</i>	mile-a-minute weed	N		
Polygonaceae	<i>Persicaria robustior</i>	stout smartweed	Y	SNR	Yes
Polygonaceae	<i>Persicaria sagittata</i>	arrow-leaved tearthumb	Y		
Polygonaceae	<i>Persicaria virginiana</i>	jumpseed	Y		
Polygonaceae	<i>Polygonum tenue</i>	pleated-leaved knotweed	Y	NY S3	Yes
Polygonaceae	<i>Rumex acetosella</i> ssp. <i>pyrenaicus</i>	sheep sorrel	N		
Primulaceae	<i>Lysimachia nummularia</i>	moneywort, creeping Jenny	N		
Primulaceae	<i>Lysimachia quadrifolia</i>	whorled loosestrife	Y		
Primulaceae	<i>Lysimachia terrestris</i>	swamp candles	Y		
Primulaceae	<i>Samolus valerandi</i>	water pimpernel, brookweed	Y		
	<i>Anemone quinquefolia</i> var.	wood anemone			
Ranunculaceae	<i>quinquefolia</i>		Y		
Ranunculaceae	<i>Caltha palustris</i>	marsh marigold	Y		
Ranunculaceae	<i>Clematis virginiana</i>	virgin's bower	Y		
Ranunculaceae	<i>Coptis trifolia</i>	goldthread	Y		Yes
Ranunculaceae	<i>Ficaria verna</i>	lesser celandine	N		Yes
Ranunculaceae	<i>Ranunculus acris</i>	tall buttercup, tall crowfoot	N		

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

		bulbous buttercup, bulbous			
Ranunculaceae	<i>Ranunculus bulbosus</i>	crowfoot	N		
Ranunculaceae	<i>Thalictrum pubescens</i>	tall meadow rue	Y		
Ranunculaceae	<i>Thalictrum thalictroides</i>	rue anemone	Y		
Rhamnaceae	<i>Frangula alnus</i>	glossy buckthorn	N		Yes
Rosaceae	<i>Agrimonia gryposepala</i>	common agrimony	Y		Yes
Rosaceae	<i>Amelanchier canadensis</i> var. <i>canadensis</i>	coastal shadbush	Y		Yes
Rosaceae	<i>Amelanchier laevis</i>	smooth shadbush	Y		Yes
Rosaceae	<i>Aronia melanocarpa</i>	black chokeberry	Y		
Rosaceae	<i>Fragaria virginiana</i> ssp. <i>virginiana</i>	common wild strawberry	Y		
Rosaceae	<i>Malus toringo</i>	Toringo crab apple	N	1st Record	Yes
Rosaceae	<i>Photinia villosa</i>	Oriental redbud	N		Yes
Rosaceae	<i>Potentilla recta</i>	sulphur cinquefoil	N		
Rosaceae	<i>Potentilla simplex</i>	oldfield cinquefoil	Y		
Rosaceae	<i>Prunus serotina</i> var. <i>serotina</i>	wild black cherry	Y		
Rosaceae	<i>Rosa carolina</i> ssp. <i>carolina</i>	eastern pasture rose	Y		
Rosaceae	<i>Rosa multiflora</i>	multiflora rose	N		
Rosaceae	<i>Rosa palustris</i>	swamp rose	Y		
Rosaceae	<i>Rosa virginiana</i>	Virginia rose	Y		
Rosaceae	<i>Rubus hispidus</i>	swamp dewberry	Y		
Rosaceae	<i>Rubus occidentalis</i>	black raspberry	Y		
Rosaceae	<i>Rubus pensilvanicus</i>	Pennsylvania blackberry	Y		Yes
Rosaceae	<i>Spiraea alba</i> var. <i>latifolia</i>	broad-leaved meadowsweet	Y		
Rosaceae	<i>Spiraea tomentosa</i>	steeplebush	Y		
Rubiaceae	<i>Cephalanthus occidentalis</i>	buttonbush	Y		
Rubiaceae	<i>Galium album</i>	hedge bedstraw	N		
Rubiaceae	<i>Galium aparine</i>	cleavers	Y		Yes
Rubiaceae	<i>Galium asprellum</i>	rough bedstraw	Y		
Rubiaceae	<i>Galium circaeans</i>	forest wild licorice	Y		
Rubiaceae	<i>Galium labradoricum</i>	labrador bedstraw	Y	S4	1st Record
Rubiaceae	<i>Galium lanceolatum</i>	lance-leaved wild licorice	Y		
Rubiaceae	<i>Galium palustre</i>	marsh bedstraw	Y		
Rubiaceae	<i>Galium tinctorium</i>	southern three-petaled bedstraw	Y		
Rubiaceae	<i>Galium triflorum</i>	sweet-scented bedstraw	Y		Yes
Rubiaceae	<i>Hexasepalum teres</i>	rough buttonweed	Y		Yes
Rubiaceae	<i>Mitchella repens</i>	partridge berry	Y		
Salicaceae	<i>Salix cinerea</i> ssp. <i>oleifolia</i>	rusty willow	N		Yes

Flora of Ward Pound Ridge Reservation
Specimens Collected Sept. 2022 - Dec. 2023
Appendix I

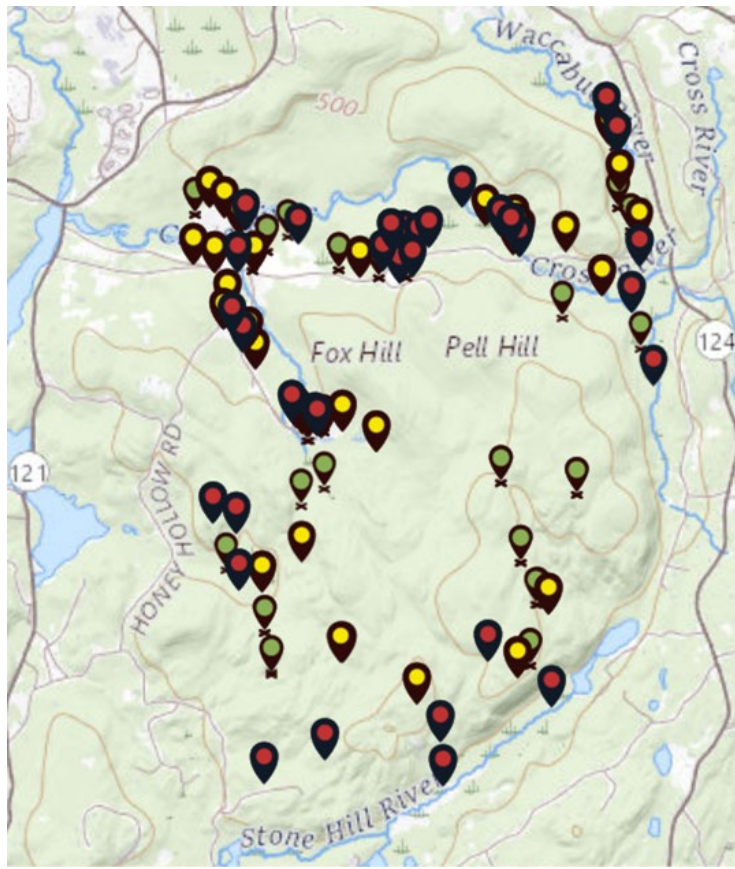
Sapindaceae	<i>Acer nigrum</i>	black maple	Y	
Sapindaceae	<i>Acer rubrum</i> var. <i>rubrum</i>	common red maple	Y	
Sapindaceae	<i>Acer saccharum</i>	sugar maple	Y	Yes
Saxifragaceae	<i>Chrysosplenium americanum</i>	golden carpet	Y	
Saxifragaceae	<i>Micranthes pensylvanica</i>	swamp saxifrage	Y	
Saxifragaceae	<i>Micranthes virginensis</i>	early saxifrage	Y	
	<i>Solanum carolinense</i> var. <i>carolinense</i>	horse nettle	Y	Yes
Solanaceae	<i>Solanum emulans</i>	eastern black nightshade	Y	
Urticaceae	<i>Laportea canadensis</i>	wood nettle	Y	
Urticaceae	<i>Pilea fontana</i>	black-fruited clearweed	Y	Yes
Urticaceae	<i>Pilea pumila</i> var. <i>pumila</i>	green-fruited clearweed	Y	
Verbenaceae	<i>Verbena hastata</i>	blue vervain	Y	
Verbenaceae	<i>Verbena urticifolia</i>	white vervain	Y	
Viburnaceae	<i>Sambucus nigra</i> ssp. <i>canadensis</i>	common elderberry	Y	
Viburnaceae	<i>Sambucus racemosa</i>	red elderberry	Y	1st Documented
Viburnaceae	<i>Viburnum dentatum</i> var. <i>lucidum</i>	smooth arrowwood	Y	
Viburnaceae	<i>Viburnum dilatatum</i>	linden viburnum	N	
Viburnaceae	<i>Viburnum lentago</i>	nannyberry	Y	
Viburnaceae	<i>Viburnum opulus</i> var. <i>opulus</i>	Guelder rose	N	Yes
Violaceae	<i>Viola blanda</i>	sweet white violet	Y	
Violaceae	<i>Viola cucullata</i>	marsh blue violet	Y	
Violaceae	<i>Viola fimbriatula</i>	northern downy violet	Y	
Violaceae	<i>Viola labradorica</i>	American dog violet	Y	
Violaceae	<i>Viola minuscula</i>	smooth white violet	Y	
Violaceae	<i>Viola sororia</i>	common blue violet	Y	
Vitaceae	<i>Ampelopsis glandulosa</i>	porcelain berry	N	Yes
Vitaceae	<i>Parthenocissus quinquefolia</i>	Virginia creeper	Y	
Vitaceae	<i>Vitis labrusca</i>	fox grape	Y	

Flora of Ward Pound Ridge Reservation
 Photographic Vouchers Sept. 2022 - Dec. 2023
 Appendix II

Family	<i>Scientific Name</i>	Common Name	Native	NY Status	
Aristolochiaceae	<i>Endodeca serpentaria</i>	Virginia Snakeroot	Y	NY S2	https://www.inaturalist.org/observations/166799385
Cyperaceae	<i>Cyperus erythrorhizos</i>	Red Rooted Flat Sedge	Y	NY S4	https://www.inaturalist.org/observations/141014123
Orchidaceae	<i>Cypripedium acaule</i>	Pink Lady's Slipper Orchid	Y	NY S4	https://www.inaturalist.org/observations/162291655
Orchidaceae	<i>Platanthera clavellata</i>	Little Club Spur Orchid	Y	NY S4	https://www.inaturalist.org/observations/184236517
Orchidaceae	<i>Goodyera pubescens</i>	Downy Rattlesnake Plantain	Y	NY S4	https://www.inaturalist.org/observations/190126776
Plantaginaceae	<i>Veronicastrum virginicum</i>	Culver's Root	Y	NY S2	https://www.inaturalist.org/observations/172783908

Flora of Ward Pound Ridge Reservation
Sixth Quarterly Report
December 16, 2023 – March 15, 2024
Appendix III

**Map of Ward Pound Ridge Reservation Plant Specimen Collection Sites
15 September, 2022 – 16 December 2023**



See lists of species collected in Appendix I.