

Natural Area Mapping and Inventory of Deere Park 2011 Survey



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Section I. Deere Park Natural Area Mapping & Inventory

40 acres

Introduction

The City of New York Parks & Recreation (DPR) manages one of the most extensive and varied parks systems of any city in the world. These 29,000 acres of city park property occupy about 15 percent of New York City's total area. In addition to flagship parks such as Central Park and Prospect Park, the city's parklands include over 11,000 acres of natural areas.

Until the 1980's, the DPR was primarily concerned with developed landscapes and recreation facilities rather than natural areas. In the absence of a comprehensive management policy, these areas succumbed to invasive species, pollution and erosion.

In 1984, the DPR established the Natural Resources Group (NRG) with a mandate to acquire, restore and manage natural areas in New York City. The wetlands, forests, meadows, and shorelines under NRG's jurisdiction provide valuable habitat for hundreds of species, from rare wildflowers to endangered birds of prey. In addition to the goals mentioned above, NRG serves as a clearinghouse for technical research to aid in the protection and restoration of the city's natural resources.

It is perhaps ironic that Deere Park bears the name of one of the world's foremost manufacturers of farm equipment, John Deere (1804-1886). Deere was born in Rutland, VT and pursued a common school education and four-year apprenticeship as a blacksmith. His workmanship was highly respected, but worsening economic conditions soon forced the young man to move west to Illinois. In 1837, just one year after his arrival in Grand Detour, IL, John Deere made history. From the steel blade of a broken saw, he created the world's first 'self-scouring' plow. His invention solved a pressing problem for farmers attempting to adjust to the rich, sticky Midwestern soil, revolutionizing farming in that region forever.

Deere's innovations did not end with his first success. Using steel imported from England he expanded his company, moving operations to Moline, IL, which remains John Deere's headquarters to this day. Deere's son Charles (1837-1907), who acted as vice president and treasurer since 1867, succeeded him as the president of the company. Charles was the first Deere recorded as the owner of this property. One of Charles's two daughters, Katherine, married William Butterworth, who became the third president of the corporation. It was under Butterworth that Deere & Company took over the Waterloo Gasoline Traction Engine Company, and began producing tractors in 1918. John Deere tractors are now perhaps the company's best known product.

Deere Park is bounded in the north by Michael J. Petrides School, residential homes off Ocean Terrace and a part of Ocean Terrace are south of the park boundary, a woodland once intended for the abandoned Richmond Parkway project lies adjacent to the north and west of the park, and Staten Island Boulevard ends at the eastern edge of the park which is a popular entrance to the park. Another street, southeast of the park, Deere Park Place, was renamed from Saratoga Avenue in 1948 by local law, at the request of Staten Island Borough President Cornelius A. Hall. Parks acquired the land on February 9, 1973 in a land exchange for the property adjacent to the Staten Island Expressway. DPR Commissioner Henry J. Stern named the parkland Deere Park in 1996.

Kettle holes, steep hills and large boulders in Deere Park are marks of glacial movement from the last Ice Age, which ended about 12,000 years ago. The variety of soils deposited during the glacier's passage allowed a diversity of plant and animal species to inhabit the region. Today, these areas function as resting places for

migratory birds. Oaks (*Quercus spp.*) dominate the property, with an undergrowth speckled by azaleas and wild blueberries (*Vaccinium spp.*). Another interesting feature in the park is the exposure of serpentinite rock in the northwestern area of the park. The Blue trail, one of the major hiking trails of the Staten Island Greenbelt, begins at the entrance located at the bottom on Staten Island Boulevard, it leads hikers all the way up the hill to one of the highest points on the eastern seaboard. During the Revolutionary War, the all-encompassing view at this point, near the top of Todt Hill Road and Ocean Terrace, was used as a lookout point for the occupying British forces.

Many owls frequent this park, including the eastern screech-owl (*Otus asio*), northern saw-whet owl (*Aegolius acadicus*), great horned owl (*Bubo virginianus*), and the barn owl (*Tyto alba*). Occasionally, a barred owl (*Strix varia*) from the south will venture this far north. This bird is known as the “Southern Gentleman” because it makes the distinct sound suggestive of “who cooks for you, who cooks for you-all.” Bats come here for shelter and food, and the park’s swamp, ample insect population helps satisfy their appetite; in one year, the average bat consumes fifty times its body weight in insects.

The 40 acres of Deere Park are part of Staten Island’s 2800 acre Greenbelt, a collection of public and private properties, and one of the largest urban parks in the country; a flagship park of the New York City Parks system. The Greenbelt, established in 1984, links the large parks of Staten Island in a continuous band of green and open space through the center of the island and is managed by the DPR Greenbelt Administration and the Greenbelt Conservancy.

The Greenbelt Natural Resource Team (GNRT) oversees the development and implementation of ecologically based management practices throughout Deere Park and the entire Staten Island Greenbelt to preserve the environmental integrity of the natural parkland. In 2011, to continue addressing the natural resource management and restoration needs of the Staten Island Greenbelt, an inventory of Deere Park was conducted by GNRT with the assistance of a New York State Department of Environmental Conservation Urban and Community Forestry Grant. GNRT utilized entitiation, a process of identifying and describing ecologically distinct plant communities, using aerial photographs and field reconnaissance. The plant communities were delineated into entitiation units, based on cover type, understory structure, species composition, and topography. Evidence of historical use, current use, environmental disturbance, and additional notes were also recorded for each unit. Entitiation of Deere Park resulted in maps and a database that can be used to locate valuable and threatened areas, plan invasive species management, track future restoration efforts, and indicate possible capital improvement projects in and around the park. The maps and database also serve as a baseline for measuring change over time. Both maps and a report from the database are included in this survey report.

Entitation

Entitation is a type of plant community inventory well suited to the patchy environments often found in urban areas. Originally designed for European landscapes, the system was revised by NRG in 1985 for use in New York City's urban parklands. NRG has used entitation widely and successfully to facilitate acquisition and restoration decisions. Put simply, entitation is a process of breaking up a park into manageable parts called "entities" or "entitation units." Entitation units are defined using a weighted list of criteria. Distinction is based on:

- Cover type (e.g. closed forest, vineland, scrub)
- Canopy species composition
- Understory type (e.g. herbs, vines, shrubs),
- Understory species composition.
- Additional factors that define entitation units, such as topography and soil condition (e.g. wet, moist, dry) are recorded.

To prepare for fieldwork, GNRT examines aerial photographs and delineates areas of similar cover. The staff uses the aerial information to create a strategy for delineating entitation units in the area. In the field, boundaries are identified as described above. For each unit, staff records the data listed above, as well as current uses, environmental disturbances, historical indicators, community stability, and comments.

In Deere Park, staff identified 26 discrete vegetation units. To date, High Rock Park, Willowbrook Park and Deere Park have completed entitation inventories in the Greenbelt. High Rock Park was numbered Units 1 to 60, Willowbrook Park numbered Units 61 to 240, and Deere Park begins with Unit #241, ending with Unit #266.

Acknowledgements

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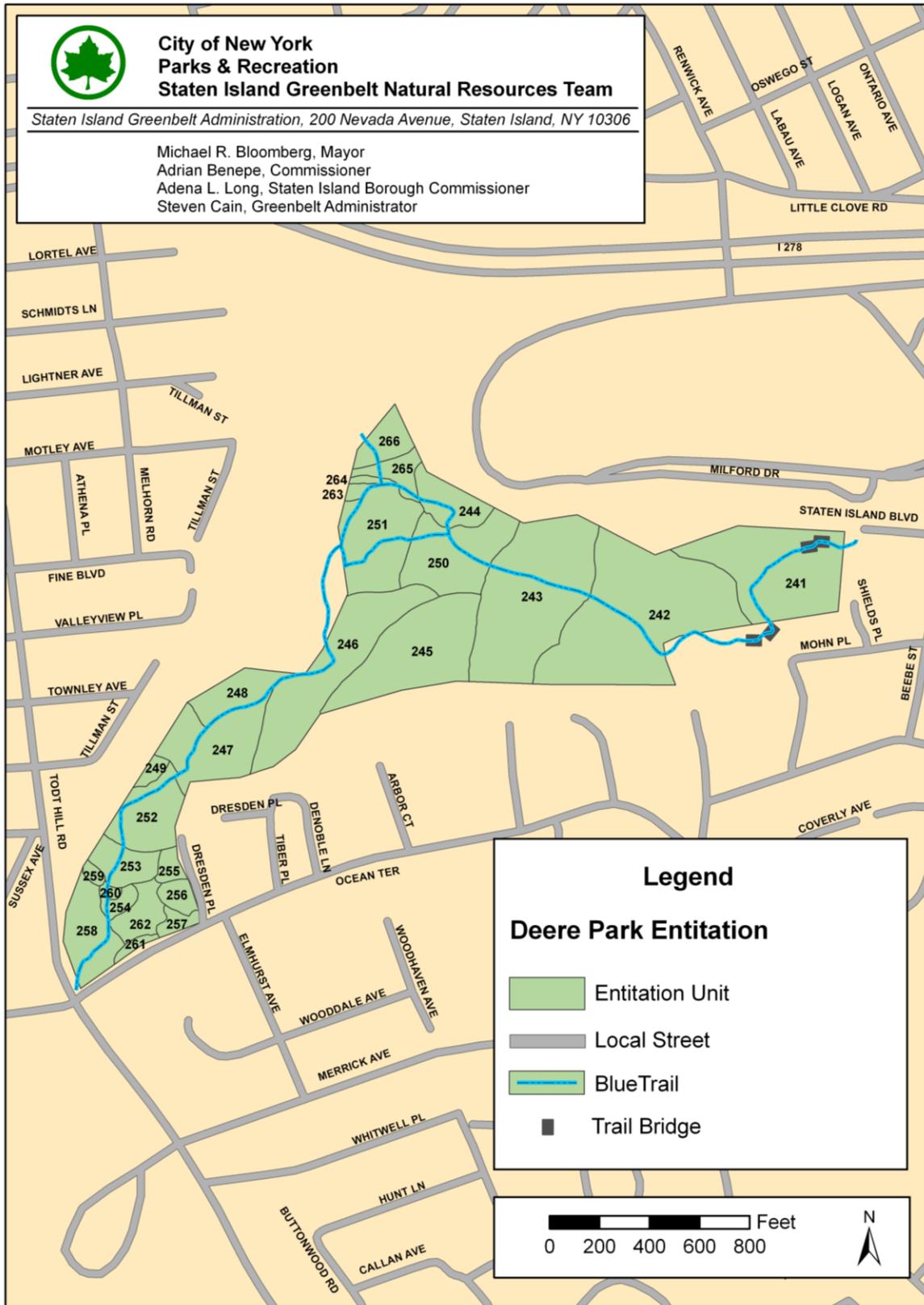
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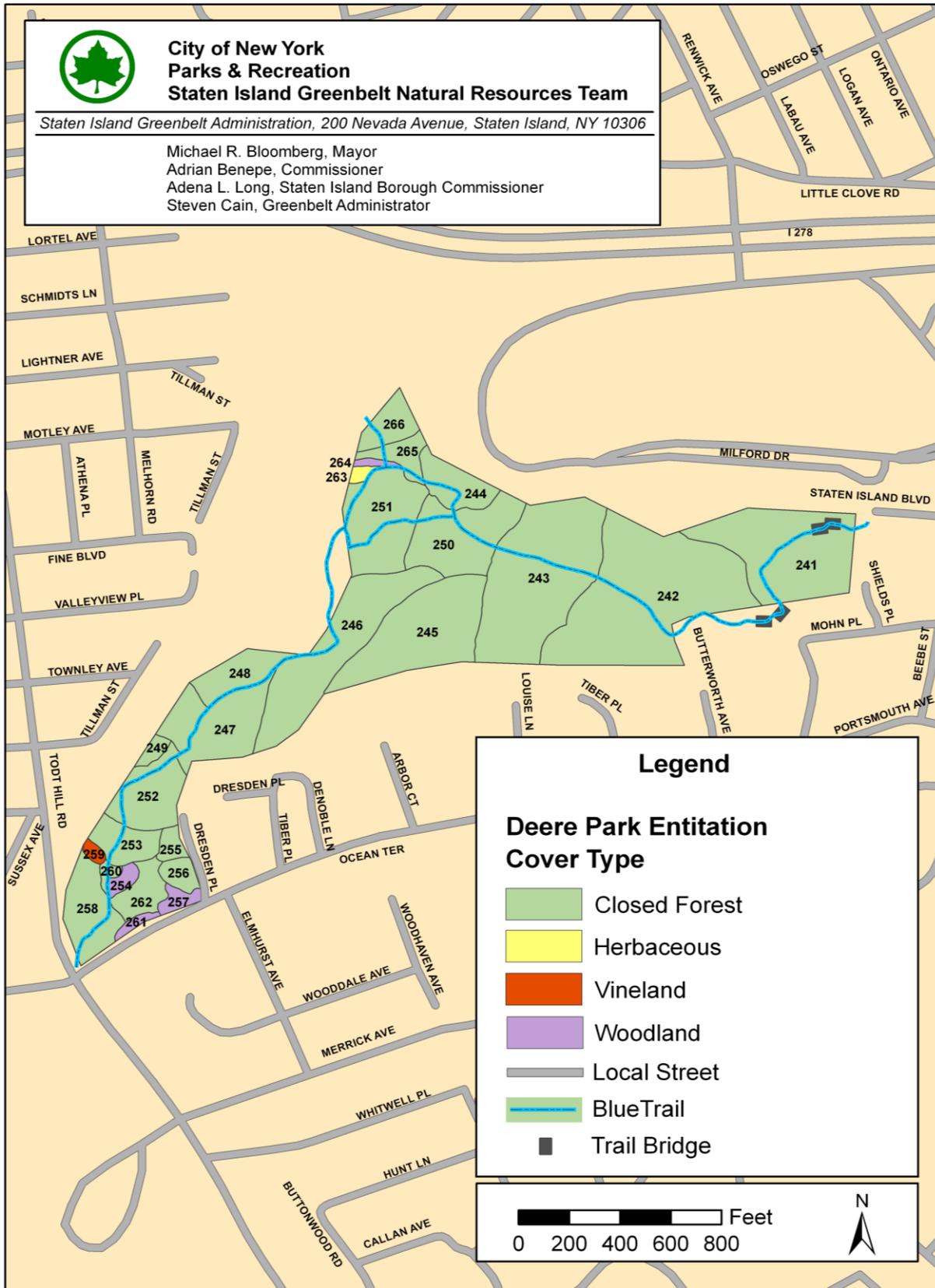
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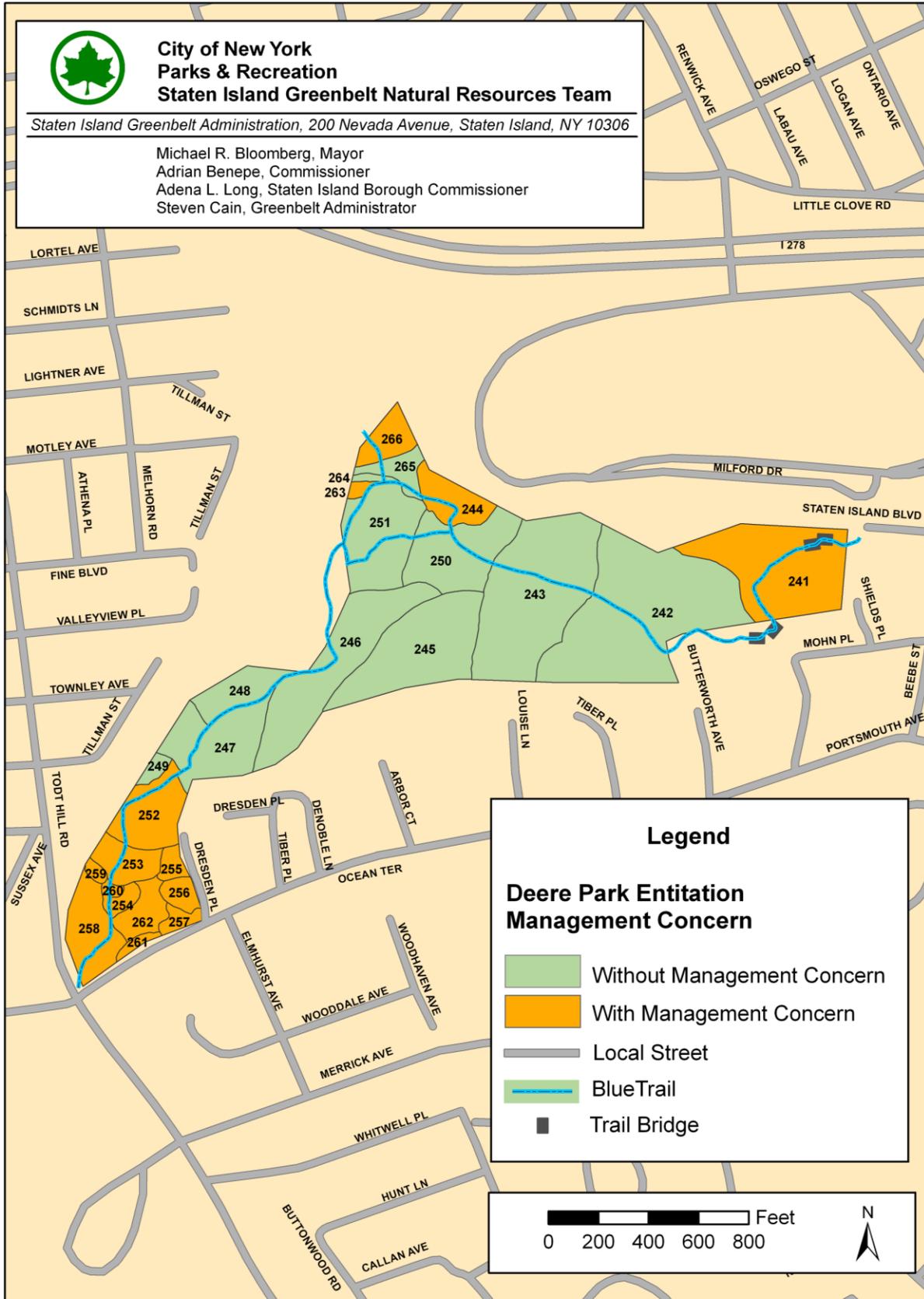
Section II. Entitment Maps

Deere Park Entitment

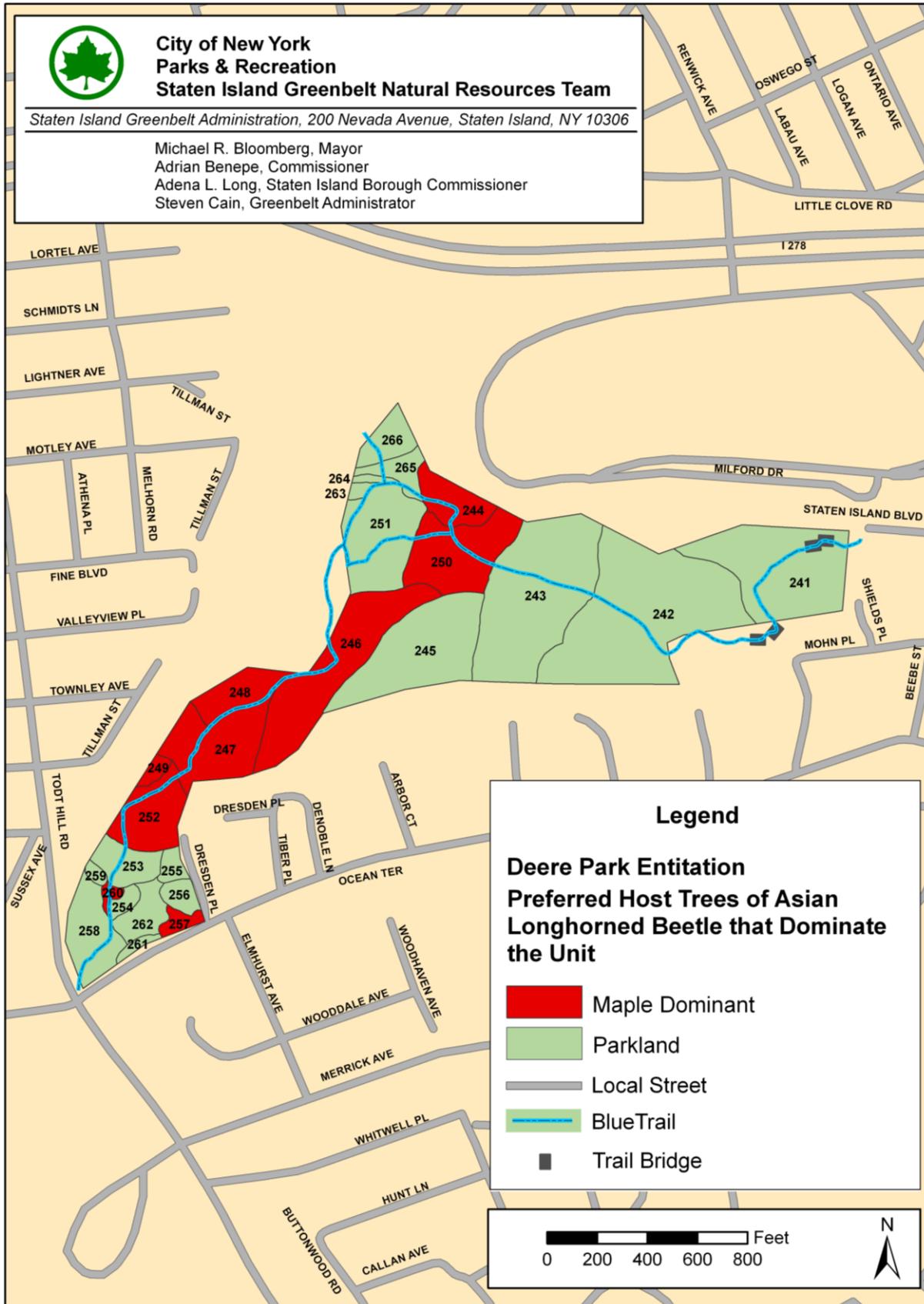


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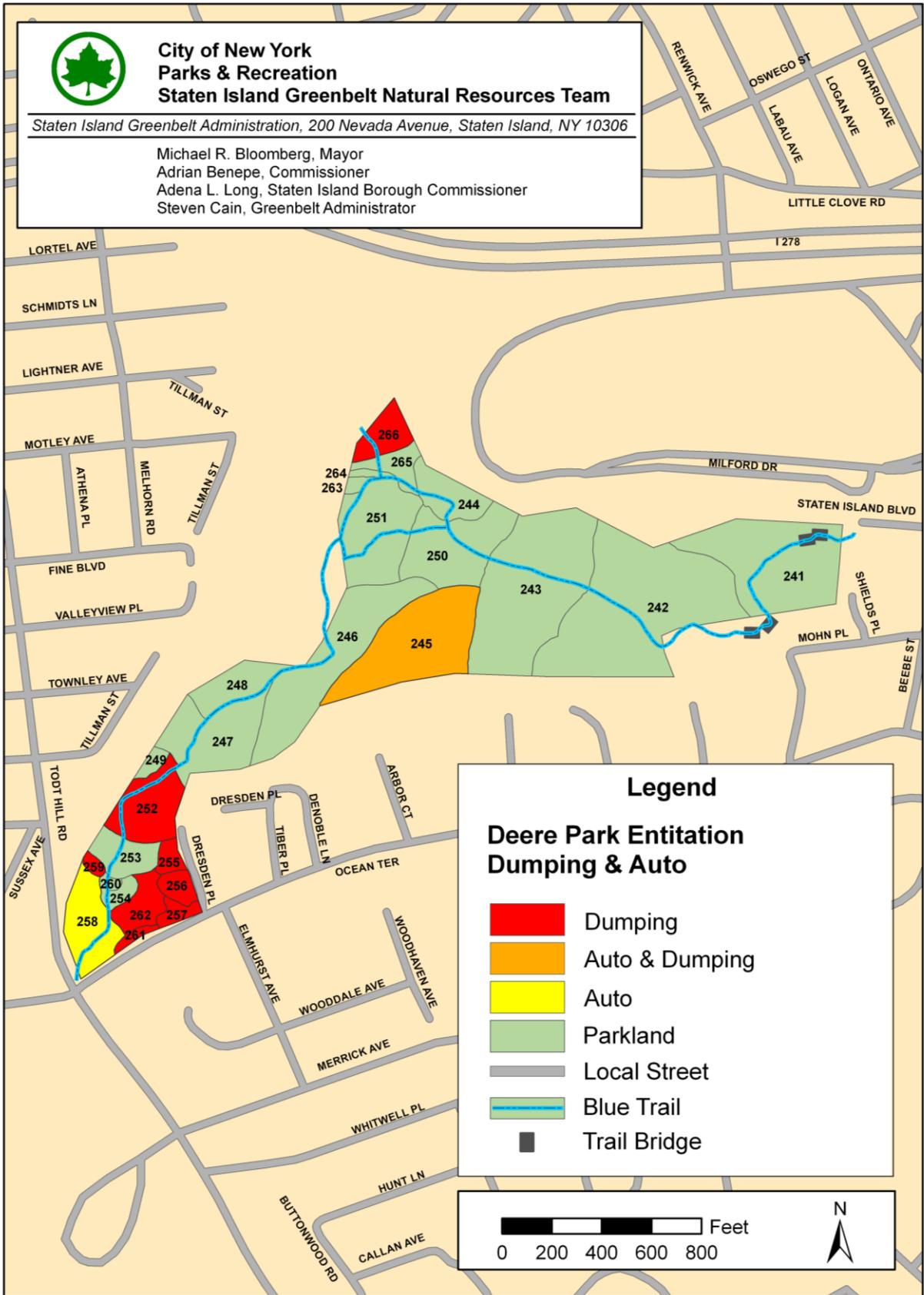




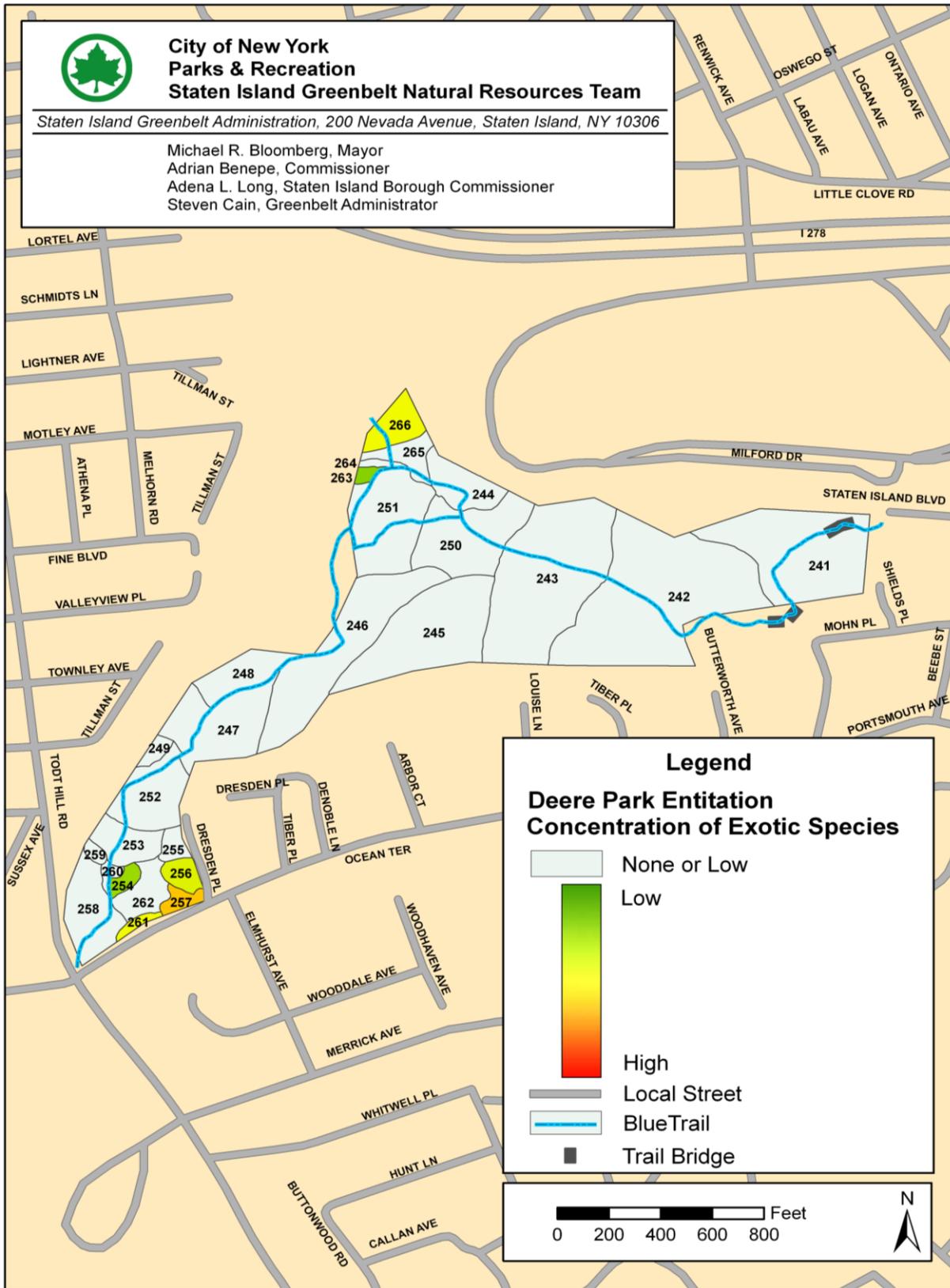
Distribution of Maple Species (Preferred Asian Longhorned Beetle Host Trees)



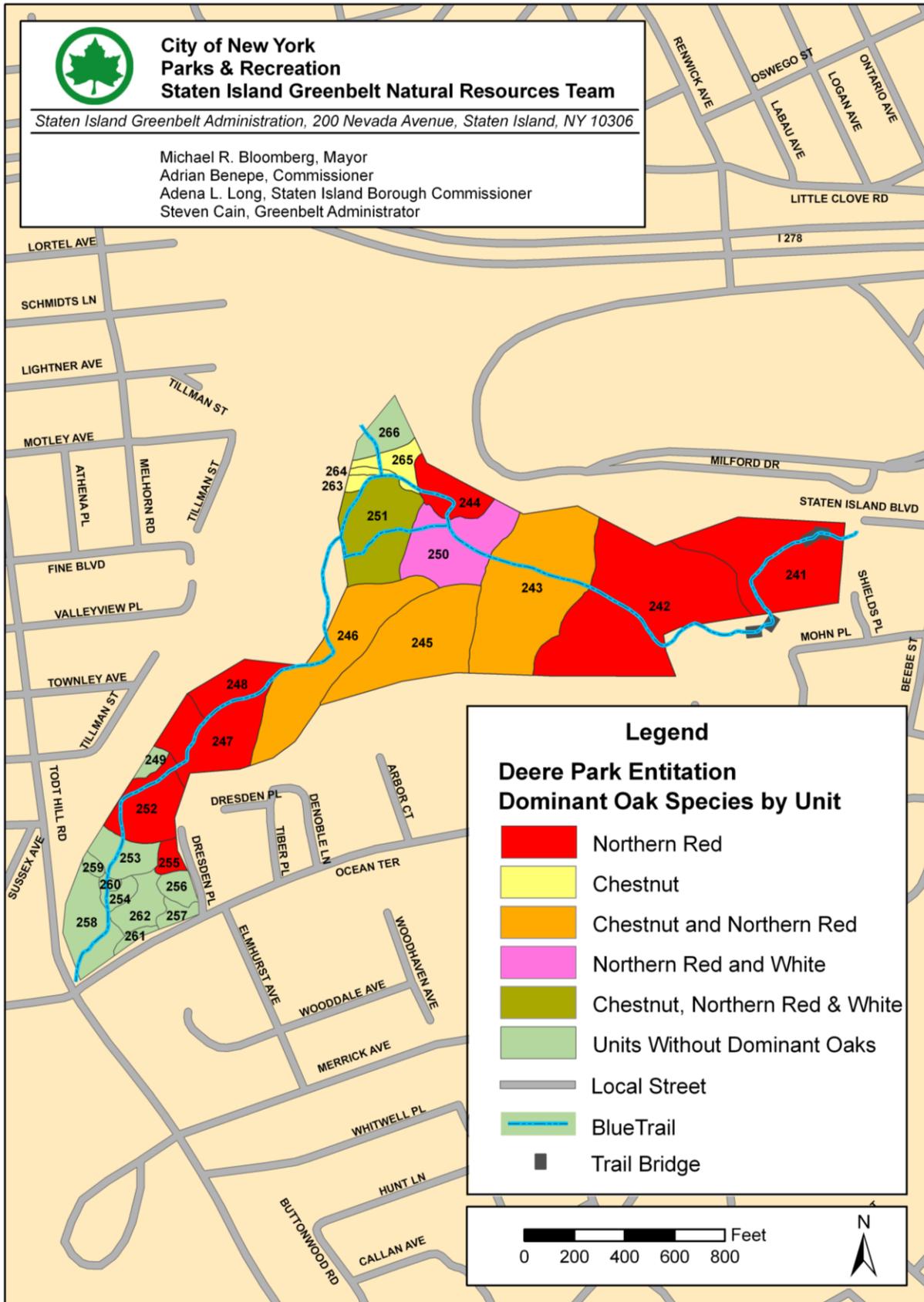
Distribution of Dumping and Auto



Concentration of Exotic Species



Distribution of Oak Species that Dominate the Unit



Section III. Deere Park Unit Descriptions, Surveyed 2011

Deere Park Unit Descriptions, Surveyed 2011

Unit: 241
Acreage: 4.0192
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|---------------------|---------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Sweetgum | 5'-30' | | Fence | Foot traffic | Erosion |
| Deciduous | Oak, northern red | >30' | | | Sports | Deer Rub |
| Chamaephytes | Blueberry, lowbush | <5' | | | Picnic | |
| Undulating | Birch, black | 5'-30' | | | | |
| Dry/Moist | Azalea, pinxter | <5' | | | | |
| | Viburnum, mapleleaf | <5' | | | | |

Comments:

This unit is a closed forest dominated by Northern red oaks and Sweetgum. It is located in the eastern part of the park and adjacent to the southern boundary of Petrides School. The Blue trail runs through the unit and a small ephemeral stream runs through the western part. A utility ROW runs through the northern edge. A large stream runs through the center from south to north. Other spp.: American beech, Red maple, Catbrier, Spicebush, Black cherry, Blackgum, American hornbeam, Yew, Rubus, White oak, Sassafras, Moss spp, Eastern white pine, Goldenrod, Pin oak. MC: Norway maple, erosion, Japanese barberry, Sarsaparilla, Japanese honeysuckle, Japanese stiltgrass, Japanese knotweed, Mugwort, Wild onion, deer rub.

Unit: 242
Acreage: 6.9255
Mgmt. Concern: No

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|-------------------|---------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Sweetgum | >30' | | | Foot traffic | Erosion |
| Deciduous | Oak, northern red | >30' | | | | Deer Rub |
| Chamaephytes | Azalea, pinxter | <5' | | | | Trash |
| Depression | | | | | | |
| Dry/Moist | | | | | | |

Comments:

This unit is a closed forest adjacent to Petrides School. The unit is in the eastern section of the park and extends from the northern boundary to the southern boundary. The Blue trail goes through the unit. It is an undulating unit that dramatically loses elevation from the south to north. There is a lot of down woody debris. There was deer rub, some trash and dumping in the unit. Other spp.: American holly, Black oak, Yew, Eastern white pine, Arrowwood, Spicebush, Red maple, American beech, Gray birch, Black cherry, Sarsaparilla, Mapleleaf viburnum, Cranberry viburnum, Catbrier, Lowbush blueberry, Hickories, Rubus, Chestnut oak, Hazelnut spp., Japanese honeysuckle, Multiflora rose, Garlic mustard, Wisteria, Winged euonymous, Japanese barberry, Japanese knotweed.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 243
Acreage: 5.3444
Mgmt. Concern: No

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|---------------------|------------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Oak, chestnut | <5', 5-30', >30' | | | Foot traffic | |
| Deciduous | Oak, northern red | 5'-30' | | | | |
| Chamaephytes | Blueberry, highbush | <5' | | | | |
| Undulating | Birch, black | 5'-30' | | | | |
| Dry/Moist | | | | | | |

Comments:

This unit is a closed forest, and is bordered by Petrides School on the north while the south boundary is adjacent to homes on Louise Street. The unit is dominated by Northern red oak and Chestnut oak. There is also deer activity in the unit. Other spp.: White oak, Sweetgum, Sassafras, Catbrier, Sweet pepperbush, Chokeberry, Lowbush blueberry, Pinkster azalea, American beech, Black oak, Arrowwood, Sarsaparilla, Spicebush, Multiflora rose, Japanese honeysuckle.

Unit: 244
Acreage: 0.9823
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|---------------------|---------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Oak, northern red | >30' | | Fence | Foot traffic | Deer Rub |
| Deciduous | Sweetgum | >30' | | | | Trash |
| Chamaephytes | Pepperbush, sweet | <5' | | | | Boundary |
| Depression | Blueberry, highbush | <5' | | | | |
| Moist | Red maple | 5'-30' | | | | |

Comments:

This unit is a closed forest. It is dominated by Sweetgum and Northern red oak. The unit is located adjacent to a fence that borders some storage buildings from the adjacent school. According to our map, parts of these buildings as well as the fence fall within the unit. Other spp.: Chestnut oak, American beech, Pin oak, Pinxter azalea, White oak, Black oak, Black cherry. MC: Mugwort, Multiflora rose, trash, Poison ivy, deer rub, boundary.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 245
Acreage: 3.4614
Mgmt. Concern: No

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|---------------------|------------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Oak, northern red | >30' & 5-30' | | | Foot traffic | Erosion |
| Deciduous | Oak, chestnut | <5', 5-30', >30' | | | | Auto |
| Chamaephytes | Sassafras | <5', 5-30', >30' | | | | Dumping |
| Slope | Blueberry, highbush | <5' & 5-30' | | | | |
| Dry/Moist | Oak, white | <5', 5-30', >30' | | | | |
| | Viburnum, mapleleaf | <5' | | | | |

Comments:

This unit is a closed forest. It is north of Arbor Court. The unit is predominantly an Oak and Sassafras complex with a good understory of Mapleleaf viburnum and Highbush blueberry. Other spp.: Black cherry, Gray birch, Red maple, Poison ivy, Catbrier, Black birch, Japanese knotweed.

Unit: 246
Acreage: 3.6026
Mgmt. Concern: No

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|---------------------|------------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Blueberry, highbush | <5' & 5-30' | | | Foot traffic | Erosion |
| Deciduous | Oak, chestnut | <5', 5-30', >30' | | | | |
| Chamaephytes | Oak, northern red | <5', 5-30', >30' | | | | |
| Slope | Red maple | <5', 5-30', >30' | | | | |
| Dry/Moist | Viburnum, mapleleaf | <5' | | | | |
| | Sassafras | <5', 5-30', >30' | | | | |

Comments:

This is a closed forest dominated by oak species in the canopy and Highbush blueberry in the understory with mixed species of phanerophytes . A part of the Blue trail traverses through the unit by a footbridge crossing going up toward high ground. Other spp.: Catbrier, Populus spp., Black cherry, Poison ivy, Sweetgum, American beech, Tuliptree, White oak, Black oak, Swamp white oak, Flowering dogwood, Hickories, Japanese knotweed, Garlic mustard, Japanese angelica-tree.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 247
Acreage: 2.2655
Mgmt. Concern: No

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|---------------------|------------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Oak, northern red | <5', 5-30', >30' | | | Foot traffic | Erosion |
| Deciduous | Cherry, black | <5', 5-30', >30' | | | | Soil compaction |
| Phanerophytes | Viburnum, mapleleaf | <5' | | | | |
| Slope | Red maple | <5', 5-30', >30' | | | | |
| Dry/Moist | Rubus | <5' | | | | |

Comments:

This is a closed forest which is predominately Oak, Sweetgum and American beech with Black cherry regenerating in the understory. A few seasonal streams start from the units perimeter and flow towards the Blue trail. Other spp.: Sassafras, Rubus, Red maple, Arrowwood, Chestnut oak, Hickories, Highbush blueberry, Japanese angelica-tree, American hornbeam, Yew, Hickories.

Unit: 248
Acreage: 0.9949
Mgmt. Concern: No

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|-------------------|---------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Oak, northern red | >30' | | | Foot traffic | |
| Deciduous | Red maple | 5'-30' | | | | |
| Phanerophytes | Beech, American | 5'-30' | | | | |
| Undulating | Birch, black | 5'-30' | | | | |
| Dry/Moist | | | | | | |

Comments:

This is a closed forest. It is located west of the Blue trail and approximately 300 feet east of Tillman street. The unit contains mostly Northern red oak and American beech in the overstory with American beech saplings in the understory. There is an ephemeral stream in the unit. Other spp.: Blackhaw, Blackgum, American hornbeam, Grape, American elm, White oak, Black oak, Sweetgum, Catbrier, Rubus, Black cherry, Blueberry spp., Japanese knotweed, Mapleleaf viburnum, Japanese snowbell.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 249
Acreage: 0.2003
Mgmt. Concern: No

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|----------------|---------------|---------------|-------------------|-------------|--------------------|
| Closed Forest | Red maple | 5'-30' | | | | |
| Deciduous | Catbrier | <5' | | | | |
| Lianas | Sassafras | <5' | | | | |
| Slope | | | | | | |
| Dry/Moist | | | | | | |

Comments:

This is a closed forest dominated by Sassafras. It is west of the Blue trail and southeast of Tillman Street. Other spp.: Northern red oak, Lowbush blueberry.

Unit: 250
Acreage: 2.3839
Mgmt. Concern: No

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|---------------------|------------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Oak, northern red | <5', 5-30', >30' | | | Foot traffic | |
| Deciduous | Viburnum, mapleleaf | <5' | | | | |
| Phanerophytes | Oak, white | 5'-30' | | | | |
| Slope | Blueberry, highbush | <5' | | | | |
| Dry/Moist | Red maple | <5', 5-30', >30' | | | | |

Comments:

This is a closed forest located in the northwest area of the park. It is adjacent to the northern boundary of the park and to a unit of Sweetgum and Red maple. The Blue trail goes through the unit. The unit is mostly a downward slope to the north and is dominated by oaks. Other spp.: Sweetgum, Poison ivy, Hickories.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 251
Acreage: 2.4759
Mgmt. Concern: No

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|---------------------|------------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Oak, chestnut | <5', 5-30', >30' | | | Foot traffic | |
| Deciduous | Oak, northern red | <5', 5-30', >30' | | | | |
| Phanerophytes | Oak, white | <5', 5-30', >30' | | | | |
| Slope | Blueberry, highbush | <5' & 5-30' | | | | |
| Dry/Moist | | | | | | |

Comments:

This unit is a closed forest composed mostly of Chestnut oak and Northern red oak. The Blue trail goes through it. It borders the west boundary of the park. There is a small ephemeral pond in the unit. Other spp.: Black cherry, Gray birch, American beech, Sweetgum, Red maple, Black birch, Mapleleaf viburnum, Hickories, Mugwort.

Unit: 252
Acreage: 1.5614
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|-------------------|------------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Oak, northern red | <5', 5-30', >30' | | | Foot traffic | Dumping |
| Deciduous | Catbrier | <5' | | | | Trash |
| Chamaephytes | Red maple | <5', 5-30', >30' | | | | Deer Rub |
| Slope | Sweetgum | <5', 5-30', >30' | | | | |
| Dry/Moist | Sassafras | 5'-30' | | | | |
| | Tuliptree | <5', 5-30', >30' | | | | |

Comments:

This unit is a closed forest. It is located in the western part of the park between Todt Hill Road and the end of Dresden Place. The Blue trail runs through the unit with a couple of ephemeral streams that run over the trail. A hawk was seen. Other spp.: Arrowwood, Gray birch, Black birch, Highbush blueberry, Poison ivy, Rubus, American beech, Black oak, Black cherry, Ornamental cherry, Shagbark hickory, American hornbeam, Mapleleaf viburnum, Pin oak, Pokeweed, Hickories, White oak, Rubus. MC: Deer rub, trash, dumping, Norway maple, Porcelain-berry, Cool season grass, Mugwort, Catbrier, air quality.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 253
Acreage: 0.8475
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|------------------|---------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Sassafras | 5'-30' | | | Foot traffic | Air Quality |
| Deciduous | Catbrier | <5' | | | | Deer Rub |
| Chamaephytes | Cherry, black | <5' | | | | Trash |
| Slope | Raspberry, black | <5' | | | | |
| Dry/Moist | Grape, fox | 5'-30' | | | | |

Comments:

This unit is a closed forest located in the southwest arm of the park between Todt Hill Road and Dresden Place. The Blue trail runs through the unit and Sassafras dominate the overstory with catbrier in the understory. Deer rub and droppings were also observed. Other spp.: Bigtooth aspen, Red maple, Gray birch, Hickories, Poison ivy, Virginia creeper, Tuliptree. MC: Trash, Catbrier, air quality, deer rub.

Unit: 254
Acreage: 0.2249
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|--------------|------------------------|---------------|---------------|-------------------|--------------|--------------------|
| Woodland | Japanese angelica-tree | 5'-30' | Yes | | Foot traffic | Trash |
| Deciduous | Sweetgum | >30' | | | | Deer Rub |
| Chamaephytes | Catbrier | <5' | | | | Air Quality |
| Undulating | Arrowwood | <5' | | | | |
| Moist | Ivy, poison | <5' | | | | |
| | Virginia creeper | 5'-30' | | | | |

Comments:

This unit is a woodland located in the southwest arm of the park between Todt Hill Road and Dresden Place. It borders part of the Blue trail. The dominant species is Japanese angelica-tree, and deer rub was observed on the Japanese angelica-tree. Other spp.: Red maple, Northern red oak, Pin oak. MC: Japanese knotweed, deer rub, trash, Japanese honeysuckle, air quality, Japanese angelica-tree.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 255
Acreage: 0.2737
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|-------------------|---------------|---------------|-------------------|-------------|--------------------|
| Closed Forest | Catbrier | <5' | | | | Trash |
| Deciduous | Sweetgum | >30' | | | | Air Quality |
| Lianas | Oak, northern red | 5'-30' | | | | Dumping |
| Undulating | Cherry, black | >30' | | | | |
| Dry/Moist | Tuliptree | 5'-30' | | | | |

Comments:

This unit is a closed forest with Catbrier dominating the understory. The unit is between Dresden Place and a Sassafras dominated unit. There is a fire hydrant in the unit and utility poles/lines along Dresden Place. There is evidence of deer in the unit (deer droppings). Other spp.: Rubus, Ornamental cherry, Pokeweed, Sassafras, Poison ivy, Virginia creeper, Red maple. MC: Catbrier, trash, Japanese angelica-tree, Japanese honeysuckle, English ivy, Periwinkle, Japanese holly, Wild onion, trash, dumping, air quality.

Unit: 256
Acreage: 0.3730
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|------------------------|------------------|---------------|-------------------|-------------|--------------------|
| Closed Forest | Sweetgum | >30' | | | | Trash |
| Deciduous | Catbrier | <5' | | | | Dumping |
| Lianas | Ivy, English | 5'-30' | Yes | | | Deer rub |
| Undulating | Ailanthus | <5', 5-30', >30' | Yes | | | |
| Dry/Moist | Japanese angelica-tree | 5'-30' | Yes | | | |

Comments:

This unit is a closed forest located on Dresden Place in the southwest arm of the park close to Ocean Terrace. The unit has a mix of Ailanthus, Sweetgum and English ivy. There is a utility line and light pole on Dresden Place that falls within the unit. Other spp.: Ornamental cherry, Red maple, Northern red oak, Black cherry, Hickories, Pokeweed, Rubus, Mock-orange, Poison ivy, Sassafras, Virginia Creeper, Rose-of-Sharon. MC: Trash, dumping, English ivy, Catbrier, Japanese angelica-tree, deer rub, Ailanthus, Japanese honeysuckle, Wild onion, Garlic mustard, Norway maple, Crabapple, Mugwort, air quality, Snowdrops, Japanese maple, Multiflora rose.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 257
Acreage: 0.2735
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|--------------|-----------------------|---------------|---------------|-------------------|-------------|--------------------|
| Woodland | Catbrier | <5' | | | | Trash |
| Deciduous | Mugwort | <5' | Yes | | | Dumping |
| Lianas | Honeysuckle, Japanese | <5' | Yes | | | Air Quality |
| Undulating | Ailanthus | 5'-30' | Yes | | | |
| Dry/Moist | Ivy, poison | <5' | | | | |
| | Norway maple | 5'-30' | Yes | | | |

Comments:

This is a woodland unit at the corner of Dresden Place and Ocean Terrace in the southwest arm of Deere Park. The unit is a management concern due to non-native invasive trees, vines, Multiflora rose and Mugwort. Other spp.: Pokeweed, Black cherry, Ornamental cherry, Virginia creeper, Tuliptree, Sweetgum, Northern red oak, Elderberry, Rubus. MC: Ailanthus, Japanese honeysuckle, Mugwort, Catbrier, Norway maple, English ivy, Wild onion, trash, dumping, Multiflora rose, air quality.

Unit: 258
Acreage: 1.4674
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|----------------|------------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Sweetgum | <5', 5-30', >30' | | | Foot traffic | Trash |
| Deciduous | Catbrier | <5' | | | | Auto |
| Chamaephytes | Cherry, black | 5'-30' | | | | Deer Rub |
| Slope | Arrowwood | 5'-30' | | | | |
| Dry/Moist | Cherry, sweet | 5'-30' | | | | |

Comments:

This unit is a closed forest located in the southwestern arm of the park at the corner of Todt Hill Road and Ocean Terrace. The overstory is mostly Sweetgum. The Blue trail runs through the unit ending at the corner of Todt Hill Road and Ocean Terrace. Other spp.: Spicebush, Sassafras, Highbush blueberry, Virginia creeper, Rubus, Tuliptree, American beech, Poison ivy, Red maple, Northern red oak, Black oak. MC: Catbrier, deer rub, hazard trees, Norway maple, Japanese honeysuckle, Mugwort, Wild onion, air quality, Japanese angelica-tree, automobile.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 259
Acreage: 0.1262
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|--------------|----------------|---------------|---------------|-------------------|-------------|--------------------|
| Vineland | Catbrier | <5' | | | | Trash |
| Deciduous | Sweetgum | 5'-30' | | | | Dumping |
| Lianas | Tuliptree | 5'-30' | | | | Air Quality |
| Depression | Arrowwood | <5' | | | | |
| Dry/Moist | | | | | | |

Comments:

This is a vineland, located in the southwest arm of the park. The unit is located between the Blue trail and Todt Hill Road. The unit is mostly dominated by Catbrier. Other spp.: Spicebush, Rubus, Red maple, Black cherry. MC: Catbrier, trash, dumping, air quality.

Unit: 260
Acreage: 0.1378
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|----------------|---------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Red maple | >30' | | | Foot traffic | Trash |
| Deciduous | Catbrier | <5' | | | | Air Quality |
| Lianas | Sweetgum | 5'-30' | | | | |
| Slope | | | | | | |
| Moist | | | | | | |

Comments:

The unit is a closed forest with the Blue trail running through it. The unit is in the southwest arm of the park, 200 feet east of Todt Hill Road and 300 feet north of Ocean Terrace. It is a very wet area. Other spp.: Blackgum, Fox grape, Virginia creeper, Gray birch, Sweet cherry, Sassafras. MC: Catbrier, trash, air quality.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 261
Acreage: 0.1501
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|--------------|--------------------|------------------|---------------|-------------------|-------------|--------------------|
| Woodland | Knotweed, Japanese | <5' & 5-30' | Yes | | | Trash |
| Deciduous | Sweetgum | >30' | | | | Dumping |
| Geophytes | Ailanthus | <5', 5-30', >30' | Yes | | | |
| Slope | Catbrier | <5' & 5-30' | | | | |
| Dry/Moist | | | | | | |

Comments:

This is a woodland. It is adjacent to Ocean Terrace. Other spp.: Poison ivy, Sassafras, Linden spp., Northern red oak, Black cherry. MC: Japanese knotweed, Ailanthus, trash, Norway maple, Paper mulberry, dumping.

Unit: 262
Acreage: 0.7329
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|----------------|------------------|---------------|-------------------|-------------|--------------------|
| Closed Forest | Sweetgum | >30' & 5-30' | | | | Trash |
| Deciduous | Arrowwood | <5' & 5-30' | | | | Dumping |
| Chamaephytes | Ivy, poison | <5', 5-30', >30' | | | | |
| Slope | Catbrier | <5' & 5-30' | | | | |
| Dry/Moist | Spicebush | <5' & 5-30' | | | | |

Comments:

This is a closed forest. Large Sweetgum trees form the canopy. The unit is at the end of the southern part of the park near Ocean Terrace and halfway between Todt Hill Road and Dresden Place. There is a healthy understory of Spicebush. Seven deer were spotted. Other spp: Virginia creeper, Red maple, Sweet cherry, Black cherry, Tuliptree, Spicebush and Blackberry. MC: Japanese angelica-tree, Japanese knotweed, trash, dumping.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 263
Acreage: 0.1239
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|--------------|----------------|---------------|---------------|-------------------|--------------|--------------------|
| Herbaceous | Grass spp. | <5' | | | Foot traffic | |
| Deciduous | Mugwort | <5' | Yes | | | |
| Geophytes | Oak, chestnut | <5' | | | | |
| Undulating | | | | | | |
| Dry/Moist | | | | | | |

Comments:

This is a meadow. There are serpentinite outcrops along the traversing Blue trail. The unit is approximately 500 ft. west of Petrides School and the Staten Island Expressway can be seen from the unit. Other spp: Aster spp., Moss spp., Plantain spp. MC: Black locust, Mugwort.

Unit: 264
Acreage: 0.1116
Mgmt. Concern: No

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|----------------|------------------|---------------|-------------------|--------------|--------------------|
| Woodland | Sassafras | <5', 5-30', >30' | | | Foot traffic | Trash |
| Deciduous | Oak, chestnut | <5' & 5-30' | | | | |
| Phanerophytes | Cherry, black | <5' & 5-30' | | | | |
| Knoll | Rubus | <5' | | | | |
| Dry | | | | | | |

Comments:

This is a woodland located in the northern tip of the park. It is adjacent to the Blue trail and a meadow. Young tree saplings are regenerating on top of a ridge. Other spp: Grasses, Poison ivy, Catbrier, Mountain Laurel, Japanese honeysuckle.

Deere Park Unit Descriptions, Surveyed 2011

Unit: 265
Acreage: 0.5600
Mgmt. Concern: No

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|---------------------|------------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Oak, chestnut | <5', 5-30', >30' | | | Foot traffic | Trash |
| Deciduous | Sassafras | <5', 5-30', >30' | | | | |
| Chamaephytes | Blueberry, highbush | <5' & 5-30' | | | | |
| Undulating | Arrowwood | <5' & 5-30' | | | | |
| Dry/Moist | | | | | | |

Comments:

This is a closed forest in the northern tip of the park. The northern boundary is a natural gas pipeline and the unit is bounded by a fence separating Petrides School. The unit contains numerous Chestnut oaks and Highbush blueberry. Other spp: Wintergreen spp., Black cherry, Lowbush blueberry, White oak, Red maple, Grasses, Black birch, Pinkster azalea, Northern red oak, Ailanthus, and Mugwort.

Unit: 266
Acreage: 0.7287
Mgmt. Concern: Yes

| <u>Site:</u> | <u>Species</u> | <u>Height</u> | <u>Exotic</u> | <u>Historical</u> | <u>Uses</u> | <u>Disturbance</u> |
|---------------|-----------------------|------------------|---------------|-------------------|--------------|--------------------|
| Closed Forest | Locust, black | <5', 5-30', >30' | Yes | Road | Foot traffic | Erosion |
| Deciduous | Knotweed, Japanese | <5' & 5-30' | Yes | Landfill | | Dumping |
| Geophytes | Elm, American | <5', 5-30', >30' | | | | Trash |
| Depression | Bittersweet | <5', 5-30', >30' | Yes | | | |
| Dry/Moist | Sassafras | <5', 5-30', >30' | | | | |
| | Honeysuckle, Japanese | <5', 5-30', >30' | Yes | | | |

Comments:

This is a closed forest and a natural gas pipeline travels through the unit. An old Staten Island Expressway ramp borders the northwest edge of the unit. The unit is heavily clustered with invasive species. Other spp: Ash spp., Blackberry, Northern red oak, Virginia creeper, Sweetgum, Grape spp., Grasses. MC: Multiflora rose, Asiatic bittersweet, Black locust, Ailanthus, Garlic mustard, Japanese stiltgrass, trash, Japanese knotweed, Mugwort, White mulberry, Porcelain-berry, Japanese honeysuckle, dumping, erosion.

Section IV. APPENDIX 1: Glossary

Many of these definitions are adapted from Marge Garguillo's unpublished *Plants of New York City Natural Areas: An Ecological Manual* (2005).

Chamaephyte: Mature branch or shoot system remaining perennially less than or equal to 100 in above ground. Buds are produced on aerial branches close to the soil. (e.g. shrubs)

Closed forest: An area formed by trees at least 15 feet tall with interlocking crowns and at least 80% canopy closure.

Competition: The ability of one plant to overwhelm another plant by shading it out or otherwise overwhelming it.

Deciduous: Majority of trees shed their foliage in the autumn months.

Depression: A hollow, or low point, as compared to the surrounding topography. May or may not contain water.

Dominant: The most abundant plants in a particular plant community. A codominant plant is about equally as abundant as the dominant species.

Exotic: A species that does not naturally inhabit a specific area. An exotic plant may or may not be invasive where it is introduced.

Exotic planting: A gardened area where non-native species (e.g. privet, periwinkle) are tended.

Full-crown tree: Initially open-grown and free of competition: currently very large with a dominating crown.

Geophyte: Plants with buds or shoots surviving below the ground (rhizomes, bulbs, stem tubers, root tubers.)

Graminoid: Grasses and grass-like plants.

Hedgerow: Evidence of trees or shrubs planted in line i.e., maple or privet along road or path.

Hemicryptophyte: Shoots die back to ground level.

Herb: Plants without woody tissues that die back to the ground in the winter. This classification is usually applied to broad-leaved plants rather than grasses, but includes grasses for the purpose of entitation.

Herbaceous community: An area where grasses, grass like plants, and herbaceous plants are predominant. Woody plants may be sparingly present, but cover less than 30% of area.

Intertidal community: Substrate is exposed and flooded by tides, includes the associated splash zone.

Invasive plant: A plant species that grows and reproduces without constraint, crowding or shading out other plants. The term is usually applied to plants that are not native to the given region. Invasiveness in a plant that is native to the region is rare and probably caused by unusual circumstances.

Knoll: A small isolated hillock.

Landfill: Topography altered by previous filling or dumping: i.e., while building a road or altering a wetland area. Look for rubble on the soil surface or sudden changes in grade.

Lianas: Vascular plants needing support, rooting in the ground permanently (vines).

Native plant: Plants that were growing in this region before Europeans came to North America. Native plants are adapted to the climate and soils of their region. They have relationships with birds, mammals, insects, and fungi and are integrated into the ecology of the region. New York City's native plants come from seed that spread northward after the last glaciers melted thousands of years ago.

Ornamental: Plants used as horticultural specimens in gardens or developed parks, not intended to reproduce or be part of a natural plant community. Very often they are non-native plants.

Phanerophyte: Plants that grow taller than 100 in. or whose shoots do not die back periodically to that height (e.g., trees).

Scrub: A shrubland or thicket, mainly composed of woody plants 1.5 to 15 feet tall.

Slope: Ground that forms a natural or artificial incline.

Soil compaction: Increasing soil density and decreasing porosity due to application of mechanical forces to the soil: i.e. due to vehicle, horse, or foot traffic.

Species: A group of organisms that can interbreed to produce fertile young.

Understory: Habitat below the tree canopy of a forest. The understory is a plant community of tree saplings, shrubs, herbs, graminoids, and mosses that can live in shade or part shade.

Undulating: The area has a wavy surface. It is neither a slope, a level area, or a depression, but rather a combination of all three.

Vineland: An area formed by at least 30% vines. Vines may be supported by vegetation, artificial means or ground surface. Often occurs on the forest or shrub border.

Woodland: An area formed by trees at least 15 feet tall, with most of their crowns not touching each other, but at least 30% canopy closure.

Section V. APPENDIX 2: Species List

The following list of species are found in the Northeast United States.

| Common Name | Scientific Name | Common Name | Scientific Name |
|---------------------------|--------------------------------|-----------------------|------------------------------------|
| Adam's needle | <i>Yucca filamentosa</i> | arrowfeather threeawn | <i>Aristida purpurascens</i> |
| adder's-mouth orchid | <i>Malaxis spp.</i> | arrowhead | <i>Sagittaria spp.</i> |
| agrimony | <i>Agrimonia gryposepala</i> | arrowhead rattlebox | <i>Crotalaria sagittalis</i> |
| alder | <i>Alnus spp.</i> | arrowleaf tearthumb | <i>Polygonum sagittatum</i> |
| alfalfa | <i>Medicago spp.</i> | arrowleaf violet | <i>Viola sagittata</i> |
| algae spp. | | arrowwood | <i>Viburnum dentatum</i> |
| alkaligrass | <i>Puccinellia spp.</i> | ash | <i>Fraxinus spp.</i> |
| Allegheny blackberry | <i>Rubus allegheniensis</i> | Asian flatsedge | <i>Cyperus amuricus</i> |
| Allegheny monkeyflower | <i>Mimulus ringens</i> | Asiatic bittersweet | <i>Celastrus orbiculatus</i> |
| alternatleaf dogwood | <i>Cornus alternifolia</i> | Asiatic dayflower | <i>Commelina communis</i> |
| alumroot | <i>Heuchera spp.</i> | asparagus | <i>Asparagus spp.</i> |
| American alumroot | <i>Heuchera americana</i> | aster | <i>Eurybia spp.</i> |
| American basswood | <i>Tilia americana</i> | aster | <i>Ionactis spp.</i> |
| American beachgrass | <i>Ammophila breviligulata</i> | aster | <i>Oclemena spp.</i> |
| American beech | <i>Fagus grandifolia</i> | aster | <i>Symphotrichum spp.</i> |
| American bittersweet | <i>Celastrus scandens</i> | Atlantic mannagrass | <i>Glyceria obtusa</i> |
| American bladdernut | <i>Staphylea trifolia</i> | Atlantic white cedar | <i>Chamaecyparis thyoides</i> |
| American bur-reed | <i>Sparganium americanum</i> | Austrian pine | <i>Pinus nigra</i> |
| American cancer-root | <i>Conopholis americana</i> | autumn coralroot | <i>Corallorhiza odontorhiza</i> |
| American chestnut | <i>Castanea dentata</i> | autumn olive | <i>Elaeagnus umbellata</i> |
| American elm | <i>Ulmus americana</i> | avens | <i>Geum spp.</i> |
| American false pennyroyal | <i>Hedeoma pulegioides</i> | bald brome | <i>Bromus racemosus</i> |
| American featherfoil | <i>Hottonia inflata</i> | baldcypress | <i>Taxodium distichum</i> |
| American hazelnut | <i>Corylus americana</i> | balsam fir | <i>Abies balsamea</i> |
| American holly | <i>Ilex opaca</i> | balsam poplar | <i>Populus balsamifera</i> |
| American hornbeam | <i>Carpinus caroliniana</i> | baneberry | <i>Actaea spp.</i> |
| American ipecac | <i>Euphorbia ipecacuanhae</i> | barbed bristlegrass | <i>Setaria verticilliformis</i> |
| American mannagrass | <i>Glyceria grandis</i> | barley | <i>Hordeum spp.</i> |
| American mountain ash | <i>Sorbus americana</i> | barnyardgrass | <i>Echinochloa crus-galli</i> |
| American plum | <i>Prunus americana</i> | basil mountainmint | <i>Pycnanthemum clinopodioides</i> |
| American pokeweed | <i>Phytolacca americana</i> | bastard toadflax | <i>Comandra umbellata</i> |
| American red raspberry | <i>Rubus idaeus</i> | bay forget-me-not | <i>Myosotis laxa</i> |
| American senna | <i>Senna hebecarpa</i> | bayberry | <i>Morella spp.</i> |
| American speedwell | <i>Veronica americana</i> | beach clotbur | <i>Xanthium strumarium</i> |
| American strawberry bush | <i>Euonymus americanus</i> | beach false foxglove | <i>Agalinis fasciculata</i> |
| American sycamore | <i>Platanus occidentalis</i> | beach pea | <i>Lathyrus japonicus</i> |
| American water plantain | <i>Alisma subcordatum</i> | beach plum | <i>Prunus maritima</i> |
| American white waterlily | <i>Nymphaea odorata</i> | beach sedge | <i>Carex silicea</i> |
| American wintergreen | <i>Pyrola americana</i> | beaked spikerush | <i>Eleocharis rostellata</i> |
| American witchhazel | <i>Hamamelis virginiana</i> | beaksedge | <i>Rhynchospora spp.</i> |
| American yew | <i>Taxus canadensis</i> | bear oak | <i>Quercus ilicifolia</i> |
| Amur corktree | <i>Phellodendron amurense</i> | Bebb willow | <i>Salix bebbiana</i> |
| Amur honeysuckle | <i>Lonicera maackii</i> | bedstraw | <i>Galium spp.</i> |
| Amur maackia | <i>Maackia amurensis</i> | beech | <i>Fagus spp.</i> |
| Amur maple | <i>Acer ginnala</i> | beechdrops | <i>Epifagus virginiana</i> |
| anemone | <i>Anemone spp.</i> | beechfern | <i>Phegopteris spp.</i> |
| anisescented goldenrod | <i>Solidago odora</i> | beggarticks | <i>Bidens spp.</i> |
| annual bluegrass | <i>Poa annua</i> | bellwort | <i>Uvularia spp.</i> |
| annual canarygrass | <i>Phalaris canariensis</i> | bent sedge | <i>Carex styloflexa</i> |
| annual wildrice | <i>Zizania aquatica</i> | bentgrass | <i>Agrostis spp.</i> |
| apple | <i>Malus spp.</i> | Bermudagrass | <i>Cynodon dactylon</i> |
| arborvitae | <i>Thuja occidentalis</i> | big bluestem | <i>Andropogon gerardii</i> |
| arborvitae | <i>Thuja spp.</i> | big cordgrass | <i>Spartina cynosuroides</i> |
| arctic rush | <i>Juncus arcticus</i> | big devils beggartick | <i>Bidens vulgata</i> |
| arrow arum | <i>Peltandra spp.</i> | bigbract verbena | <i>Verbena bracteata</i> |

Common Name

bigtooth aspen
billion-dollar grass
bindweed
birch
birdeye speedwell
birdfoot violet
bitter panicgrass
bittercress
bitternut hickory
black alder
black baneberry
black bindweed
black birch/sweet birch
black cherry
black huckleberry
black knapweed
black locust
black maple
black oak
black walnut
black willow
blackberry
blackeyed Susan
blackgum
blackhaw
blackjack oak
blackseed plantain
blackseed speargrass
bladderfern
blazing star
bloodroot
blue atlas cedar
blue huckleberry
blue sedge
blue skullcap
blue waxweed
blue wild indigo
blueberry
bluecurls
blue-eyed grass
bluegrass
bluejacket
bluejoint
bluestem
bluet
blunt broom sedge
blunt spikerush
bluntleaf bedstraw
bluntlobe cliff fern
bog fern
bog rush
bog yellowcress
Boston ivy
bouncing bet
boxelder
brackenfern
bright green spikerush
bristlegrass
bristly buttercup
bristly dewberry

Scientific Name

Populus grandidentata
Echinochloa frumentacea
Convolvulus spp.
Betula spp.
Veronica persica
Viola pedata
Panicum amarum
Cardamine spp.
Carya cordiformis
Alnus glutinosa
Actaea racemosa
Polygonum convolvulus
Betula lenta
Prunus serotina
Gaylussacia baccata
Centaurea nigra
Robinia pseudoacacia
Acer nigrum
Quercus velutina
Juglans nigra
Salix nigra
Rubus spp.
Rudbeckia hirta
Nyssa sylvatica
Viburnum prunifolium
Quercus marilandica
Plantago rugelii
Piptochaetium avenaceum
Cystopteris spp.
Liatrix spp.
Sanguinaria canadensis
Cedrus atlantica
Gaylussacia frondosa
Carex glaucoidea
Scutellaria lateriflora
Cuphea viscosissima
Baptisia australis
Vaccinium spp.
Trichostema spp.
Sisyrinchium spp.
Poa spp.
Tradescantia ohioensis
Calamagrostis canadensis
Andropogon spp.
Houstonia spp.
Carex tribuloides
Eleocharis obtusa
Galium obtusum
Woodsia obtusa
Thelypteris simulata
Juncus biflorus
Rorippa palustris
Parthenocissus tricuspidata
Saponaria officinalis
Acer negundo
Pteridium spp.
Eleocharis olivacea
Setaria spp.
Ranunculus hispidus
Rubus hispidus

Common Name

brittle bladderfern
broad beechfern
broadfruit bur-reed
broadleaf cattail
broadleaf rosette grass
brome
brookweed
broomcorn millet
broomrape
broomsedge bluestem
brown knapweed
brown widelip orchid
brownish beaksedge
browntop
buckeye
buckwheat
bull thistle
bulrush
bur cucumber
bur oak
burdock
burnet
burningbush
bur-reed
bush honeysuckle
bushy bluestem
bushy knotweed
butter and eggs
buttercup
butterfly milkweed
butternut
button sedge
buttonweed
calico aster
callery pear
camphorweed
campion
Canada bluegrass
Canada goldenrod
Canada lettuce
Canada lily
Canada mayflower
Canada thistle
Canada toadflax
Canadian blacksnakeroot
Canadian clearweed
Canadian lousewort
Canadian rush
Canadian serviceberry
Canadian woodnettle
canarygrass
cankerweed
cantaloupe
cardinalflower
Carolina geranium
Carolina mosquitofern
Carolina rose
carpetweed
catalpa
catberry

Scientific Name

Cystopteris fragilis
Phegopteris hexagonoptera
Sparganium eurycarpum
Typha latifolia
Dichanthelium latifolium
Bromus spp.
Samolus spp.
Panicum miliaceum
Orobanche spp.
Andropogon virginicus
Centaurea jacea
Liparis liliifolia
Rhynchospora capitellata
Microstegium spp.
Aesculus spp.
Fagopyrum esculentum
Cirsium vulgare
Scirpus spp.
Sicyos spp.
Quercus macrocarpa
Arctium spp.
Sanguisorba spp.
Euonymus alatus
Sparganium spp.
Diervilla spp.
Andropogon glomeratus
Polygonum ramosissimum
Linaria vulgaris
Ranunculus spp.
Asclepias tuberosa
Juglans cinerea
Carex bullata
Diodia spp.
Symphotrichum lateriflorum
Pyrus calleryana
Pluchea spp.
Lychnis spp.
Poa compressa
Solidago canadensis
Lactuca canadensis
Lilium canadense
Maianthemum canadense
Cirsium arvense
Nuttallanthus canadensis
Sanicula canadensis
Pilea pumila
Pedicularis canadensis
Juncus canadensis
Amelanchier canadensis
Laportea canadensis
Phalaris spp.
Prenanthes serpentaria
Cucumis melo
Lobelia cardinalis
Geranium carolinianum
Azolla caroliniana
Rosa carolina
Mollugo spp.
Catalpa spp.
Ilex mucronata

Common Name

catbrier
 catchfly
 catnip
 cat's ear
 cattail
 cattail sedge
 cedar
 celandine
 cereal rye
 chainfern
 cheatgrass
 chestnut
 chestnut oak
 chicory
 Chinese chestnut
 Chinese wisteria
 chokeberry
 chokecherry
 Christmas fern
 churchmouse threewain
 cinnamon fern
 cinquefoil
 clammy hedgehyssop
 clearweed
 cliff fern
 climbing false buckwheat
 climbing hempvine
 climbing nightshade
 Clinton's woodfern
 clover
 clustered mille grains
 clustered mountainmint
 clustered snakeroot
 coast cocksbur grass
 coastal jointweed
 coastal plain blue-eyed grass
 cocksbur grass
 codlins and cream
 colicroot
 Collins' sedge
 Colorado blue spruce
 columbine
 common barberry
 common blue violet
 common blue wood aster
 common boneset
 common buckthorn
 common buttonbush
 common chickweed
 common cinquefoil
 common dandelion
 common dittany
 common evening primrose
 common fleabane
 common goldstar
 common grape hyacinth
 common hackberry
 common hop
 common hoptree
 common juniper

Scientific Name

Smilax spp.
Silene spp.
Nepeta cataria
Hypochaeris spp.
Typha spp.
Carex typhina
Chamaecyparis spp.
Chelidonium majus
Secale cereale
Woodwardia spp.
Bromus tectorum
Castanea spp.
Quercus prinus
Cichorium intybus
Castanea mollissima
Wisteria sinensis
Photinia spp.
Prunus virginiana
Polystichum acrostichoides
Aristida dichotoma
Osmunda cinnamomea
Potentilla spp.
Gnaphalium spp.
Pilea spp.
Woodsia spp.
Polygonum scandens
Mikania scandens
Solanum dulcamara
Dryopteris clintoniana
Trifolium spp.
Oldenlandia uniflora
Pycnanthemum muticum
Sanicula odorata
Echinochloa walteri
Polygonella articulata
Sisyrinchium fuscatum
Echinochloa spp.
Epilobium hirsutum
Aletris spp.
Carex collinsii
Picea pungens
Aquilegia spp.
Berberis vulgaris
Viola sororia
Symphytichum cordifolium
Eupatorium perfoliatum
Rhamnus cathartica
Cephalanthus occidentalis
Stellaria media
Potentilla simplex
Taraxacum officinale
Cunila origanoides
Oenothera biennis
Erigeron philadelphicus
Hypoxis hirsuta
Muscari botryoides
Celtis occidentalis
Humulus lupulus
Ptelea trifoliata
Juniperus communis

Common Name

common ladyfern
 common mallow
 common milkweed
 common moonseed
 common mullein
 common oat
 common pear
 common pepperweed
 common periwinkle
 common persimmon
 common plantain
 common pricklyash
 common ragweed
 common serviceberry
 common sheep sorrel
 common sowthistle
 common spikerush
 common threesquare
 common velvetgrass
 common winterberry
 common yarrow
 compact dodder
 composite dropseed
 cone-cup spikerush
 coneflower
 cool season grass
 coon's tail
 coralroot
 cordgrass
 corn chamomile
 corn gromwell
 corn speedwell
 Cornelian cherry
 cosmopolitan bulrush
 cottongrass
 cow vetch
 cowbane
 cowparsnip
 crabgrass
 crack willow
 cranberry
 crapemyrtle
 cream avens
 creeping bentgrass
 creeping buttercup
 creeping lespedeza
 creeping velvetgrass
 creeping woodsorrel
 crested saltbush
 crested woodfern
 crippled crane fly
 crownbeard
 crowngrass
 cryptomeria
 cucumber-tree
 cudweed
 Culver's root
 cunila
 curly dock
 curly pondweed

Scientific Name

Athyrium filix-femina
Malva neglecta
Asclepias syriaca
Menispermum canadense
Verbascum thapsus
Avena sativa
Pyrus communis
Lepidium densiflorum
Vinca minor
Diospyros virginiana
Plantago major
Zanthoxylum americanum
Ambrosia artemisiifolia
Amelanchier arborea
Rumex acetosella
Sonchus oleraceus
Eleocharis palustris
Schoenoplectus pungens
Holcus lanatus
Ilex verticillata
Achillea millefolium
Cuscuta compacta
Sporobolus compositus
Eleocharis tuberculosa
Rudbeckia spp.

Ceratophyllum demersum
Corallorhiza spp.
Spartina spp.
Anthemis arvensis
Buglossoides arvensis
Veronica arvensis
Cornus mas
Schoenoplectus maritimus
Eriophorum spp.
Vicia cracca
Oxypolis spp.
Heracleum
Digitaria spp.
Salix fragilis
Vaccinium macrocarpon
Lagerstroemia indica
Geum virginianum
Agrostis stolonifera
Ranunculus repens
Lespedeza repens
Holcus mollis
Oxalis corniculata
Atriplex cristata
Dryopteris cristata
Tipularia discolor
Verbesina spp.
Paspalum spp.
Cryptomeria japonica
Magnolia acuminata
Gnaphalium spp.
Veronicastrum virginicum
Cunila spp.
Rumex crispus
Potamogeton crispus

Common Name

curlyheads
 currant
 cursed buttercup
 cutgrass
 cutleaf evening primrose
 cutleaf grapefern
 cypress panicgrass
 cypress spurge
 daisy fleabane
 Darnel ryegrass
 dawn redwood
 dayflower
 decodon
 deerberry
 deertongue
 densetuft hairsedge
 Deodar cedar
 Deptford pink
 desert false indigo
 devil's beggartick
 devil's darning needles
 devil's walkingstick
 devil's-tongue
 dock
 dodder
 dogbane
 dogtooth violet
 dogwood
 dotted smartweed
 doubtful knight's-spur
 Douglas-fir
 dovefoot geranium
 downy carrionflower
 downy goldenrod
 downy milkpea
 downy rattlesnake plantain
 downy wildrye
 downy yellow false foxglove
 downy yellow violet
 draba
 dropseed
 duckweed
 dutchman's breeches
 dutchman's pipe
 dwarf cinquefoil
 dwarf ginseng
 dwarf huckleberry
 dwarf saltwort
 dwarf spikerush
 dwarfdandelion
 early azalea
 early bluegrass
 early buttercup
 early meadow-rue
 earth loosestrife
 eastern annual saltmarsh aster
 eastern blue-eyed grass
 eastern cottonwood
 eastern gamagrass
 eastern grasswort

Scientific Name

Clematis ochroleuca
Ribes spp.
Ranunculus sceleratus
Leersia spp.
Oenothera laciniata
Botrychium dissectum
Dichanthelium dichotomum
Euphorbia cyparissias
Erigeron annuus
Lolium temulentum
Metasequoia glyptostroboides
Commelina spp.
Decodon spp.
Vaccinium stamineum
Dichanthelium clandestinum
Bulbostylis capillaris
Cedrus deodara
Dianthus armeria
Amorpha fruticosa
Bidens frondosa
Clematis virginiana
Aralia spinosa
Opuntia humifusa
Rumex spp.
Cuscuta spp.
Apocynum spp.
Erythronium americanum
Cornus spp.
Polygonum punctatum
Consolida ajacis
Pseudotsuga menziesii
Geranium molle
Smilax pulverulenta
Solidago puberula
Galactia volubilis
Goodyera pubescens
Elymus villosus
Aureolaria virginica
Viola pubescens
Draba spp.
Sporobolus spp.
Lemna spp.
Dicentra cucullaria
Aristolochia macrophylla
Potentilla canadensis
Panax trifolius
Gaylussacia dumosa
Salicornia bigelovii
Eleocharis parvula
Krigia spp.
Rhododendron prinophyllum
Poa cuspidata
Ranunculus fascicularis
Thalictrum dioicum
Lysimachia terrestris
Symphyotrichum subulatum
Sisyrinchium atlanticum
Populus deltoides
Tripsacum dactyloides
Lilaeopsis chinensis

Common Name

eastern hemlock
 eastern Joe Pye weed
 eastern leatherwood
 eastern marsh fern
 eastern redbud
 eastern redcedar
 eastern silver aster
 eastern star sedge
 eastern straw sedge
 eastern teaberry
 eastern waterleaf
 eastern white pine
 ebony spleenwort
 elderberry
 Elliott's goldenrod
 elm
 enchanter's nightshade
 English ivy
 English oak
 English plantain
 erect knotweed
 European beech
 European birch
 European cranberrybush
 European gooseberry
 European heliotrope
 European hornbeam
 European larch
 European lily of the valley
 European mountain ash
 European privet
 European spindletree
 European stickseed
 evening primrose
 fall panicgrass
 fall phlox
 false baby's breath
 false daisy
 false hellebore
 false indigo
 false mannagrass
 false nettle
 false pennyroyal
 false pimpernel
 false Solomon's seal
 false spleenwort
 fern
 fern flatsedge
 fernleaf yellow false foxglove
 fescue
 feverwort
 field bindweed
 field brome
 field chickweed
 field horsetail
 field mustard
 field pansy
 field paspalum
 field pennycress
 field pepperweed

Scientific Name

Tsuga canadensis
Eupatoriadelphus dubius
Dirca palustris
Thelypteris palustris
Cercis canadensis
Juniperus virginiana
Symphyotrichum concolor
Carex radiata
Carex straminea
Gaultheria procumbens
Hydrophyllum virginianum
Pinus strobus
Asplenium platyneuron
Sambucus canadensis
Solidago latissimifolia
Ulmus spp.
Circaea spp.
Hedera helix
Quercus robur
Plantago lanceolata
Polygonum erectum
Fagus sylvatica
Betula pendula
Viburnum opulus
Ribes uva-crispa
Heliotropium europaeum
Carpinus betulus
Larix decidua
Convallaria majalis
Sorbus aucuparia
Ligustrum vulgare
Euonymus europaeus
Lappula squarrosa
Oenothera spp.
Panicum dichotomiflorum
Phlox paniculata
Galium mollugo
Eclipta prostrata
Veratrum spp.
Amorpha spp.
Torreyochloa spp.
Boehmeria cylindrica
Hedeoma spp.
Lindernia spp.
Maianthemum racemosum
Deparia spp.

Cyperus filicinus
Aureolaria pedicularia
Festuca spp.
Triosteum perfoliatum
Convolvulus arvensis
Bromus arvensis
Cerastium arvense
Equisetum arvense
Brassica rapa
Viola arvensis
Paspalum laeve
Thlaspi arvense
Lepidium campestre

Common Name

field sagewort
 field sowthistle
 field thistle
 fig buttercup
 figwort
 fimbry
 fineleaf sheep fescue
 fir
 fireweed
 fiveleaf orchid
 flatsedge
 flax
 flaxleaf whitetop aster
 fleabane
 floating mannagrass
 flowering dogwood
 forget-me-not
 forked bluecurls
 forked rush
 forsythia
 fountaingrass
 four o'clock
 fowl mannagrass
 fox grape
 fox sedge
 foxtail
 foxtail barley
 foxtail bristlegrass
 foxtail sedge
 fragrant sumac
 fringed loosestrife
 fringed orchid
 fringed sedge
 fuzzy wuzzy sedge
 fuzzybean
 galearis
 gall of the earth
 gamagrass
 garden asparagus
 garden sorrel
 garden vetch
 garlic mustard
 gentian
 geranium
 giant fescue
 giant goldenrod
 giant hyssop
 giant knotweed
 giantchickweed
 ginkgo
 ginkgo
 ginseng
 globe flatsedge
 globefruit primrose-willow
 glossy buckthorn
 goatgrass
 goatsbeard
 golden clover
 golden hedgehyssop
 golden ragwort

Scientific Name

Artemisia campestris
Sonchus arvensis
Cirsium discolor
Ranunculus ficaria
Scrophularia spp.
Fimbristylis spp.
Festuca filiformis
Abies spp.
Chamerion angustifolium
Isotria spp.
Cyperus spp.
Linum spp.
Ionactis linariifolius
Erigeron spp.
Glyceria septentrionalis
Cornus florida
Myosotis spp.
Trichostema dichotomum
Juncus dichotomus
Forsythia spp.
Pennisetum spp.
Mirabilis spp.
Glyceria striata
Vitis labrusca
Carex vulpinoidea
Alopecurus spp.
Hordeum jubatum
Setaria italica
Carex alopecoidea
Rhus aromatica
Lysimachia ciliata
Platanthera spp.
Carex crinita
Carex hirsutella
Strophostyles spp.
Galearis spp.
Prenanthes trifoliolata
Tripsacum spp.
Asparagus officinalis
Rumex acetosa
Vicia sativa
Alliaria petiolata
Gentiana spp.
Geranium spp.
Schedonorus giganteus
Solidago gigantea
Agastache spp.
Polygonum sachalinense
Myosoton aquaticum
Ginkgo biloba
Ginkgo spp.
Panax spp.
Cyperus echinatus
Ludwigia sphaerocarpa
Frangula alnus
Aegilops spp.
Tragopogon spp.
Trifolium aureum
Gratiola aurea
Packera aurea

Common Name

goldenaster
 goldenraintrees
 goldenrod
 goldenseal
 Goldie's woodfern
 goldthread
 goosefoot
 goosegrass
 grape
 grape hyacinth
 grapefern
 grassleaf rush
 grass-like starwort
 grasswort
 gray birch
 gray dogwood
 gray poplar
 great blue lobelia
 great ragweed
 green adder's-mouth orchid
 green arrow arum
 green ash
 green bristlegrass
 green bulrush
 green carpetweed
 green comet milkweed
 green fringed orchid
 Greene's rush
 ground ivy
 groundcherry
 groundnut
 groundsel tree
 hackberry
 hairgrass
 hairsedge
 hairy cat's ear
 hairy crabgrass
 hairy lespedeza
 hairy lettuce
 hairy skullcap
 hairy small-leaf ticktrefoil
 hairy Solomon's seal
 hairy sunflower
 hairy woodland brome
 halberd-leaved rose mallow
 handsome Harry
 hard fescue
 hardy rubber tree
 harvestbells
 hawkweed
 hawthorn
 hayscented fern
 hazel alder
 hazel dodder
 hazelnut
 heartleaf four o'clock
 heartleaf plantain
 hedge false bindweed
 hedge maple
 hedgehyssop

Scientific Name

Chrysopsis spp.
Koeleruteria paniculata
Solidago spp.
Hydrastis canadensis
Dryopteris goldiana
Coptis spp.
Chenopodium spp.
Eleusine spp.
Vitis spp.
Muscari spp.
Botrychium spp.
Juncus marginatus
Stellaria graminea
Lilaeopsis spp.
Betula populifolia
Cornus racemosa
Populus xcanescens
Lobelia siphilitica
Ambrosia trifida
Malaxis unifolia
Peltandra virginica
Fraxinus pennsylvanica
Setaria viridis
Scirpus atrovirens
Mollugo verticillata
Asclepias viridiflora
Platanthera lacera
Juncus greenei
Glechoma bederacea
Physalis spp.
Apios spp.
Baccharis halimifolia
Celtis spp.
Deschampsia spp.
Bulbostylis spp.
Hypochaeris radicata
Digitaria sanguinalis
Lespedeza hirta
Lactuca hirsuta
Scutellaria elliptica
Desmodium ciliare
Polygonatum pubescens
Helianthus hirsutus
Bromus pubescens
Hibiscus laevis
Rhexia virginica
Festuca brevipila
Eucommia ulmoides
Gentiana saponaria
Hieracium spp.
Crataegus spp.
Dennstaedtia spp.
Alnus serrulata
Cuscuta coryli
Corylus spp.
Mirabilis nyctaginea
Plantago cordata
Calystegia sepium
Acer campestre
Gratiola spp.

Common Name

hedgenettle
 Heller's rosette grass
 helmet flower
 hemlock rosette grass
 hempvine
 Henbit
 hepatica
 herbwilliam
 hickory
 highbush blueberry
 hoarypea
 hobblebush
 holly
 hollyfern
 hollyhock
 honewort
 honeylocust
 honeysuckle
 hooded arrowhead
 hooked bristlegrass
 hop
 hophornbeam
 hoptree
 horehound
 hornwort
 hornwort
 Horsebalm
 horsechestnut
 horseflyweed
 horsetail
 horseweed
 hound's tongue
 Howell's pussytoes
 huckleberry
 husk tomato
 hydrangea
 hyssop
 hyssop loosestrife
 hyssopleaf hedgenettle
 hyssopleaf thoroughwort
 Illinois pinweed
 Indian cucumber
 Indian goosegrass
 Indian paintbrush
 Indian strawberry
 Indiangrass
 Indianpipe
 Indian-tobacco
 inkberry
 intermediate woodfern
 interrupted fern
 inundated clubmoss
 iris
 ironweed
 ivy
 Jack in the pulpit
 Jacob's-ladder
 Japanese angelica-tree
 Japanese barberry
 Japanese black pine

Scientific Name

Stachys spp.
Dichanthelium oligosanthes
Setcellaria integrifolia
Dichanthelium sabulorum
Mikania spp.
Lamium spp.
Hepatica nobilis
Ptilimnium capillaceum
Carya spp.
Vaccinium corymbosum
Tephrosia spp.
Viburnum lantanoides
Ilex spp.
Polystichum spp.
Alcea spp.
Cryptotaenia spp.
Gleditsia triacanthos
Lonicera spp.
Sagittaria calycina
Setaria verticillata
Humulus spp.
Ostrya virginiana
Ptelea spp.
Marrubium vulgare
Anthoxanthum spp.
Ceratophyllum spp.
Collinsonia spp.
Aesculus hippocastanum
Baptisia tinctoria
Equisetum spp.
Conyza spp.
Cynoglossum spp.
Antennaria howellii
Gaylussacia spp.
Physalis pubescens
Hydrangea spp.
Hyssopus officinalis
Lythrum hyssopifolium
Stachys hyssopifolia
Eupatorium hyssopifolium
Lechea racemulosa
Medeola virginiana
Eleusine indica
Castilleja spp.
Duchesnea indica
Sorghastrum nutans
Monotropa uniflora
Lobelia inflata
Ilex glabra
Dryopteris intermedia
Osmunda claytoniana
Lycopodiella inundata
Iris spp.
Vernonia spp.
Hedera spp.
Arisaema triphyllum
Polemonium spp.
Aralia elata
Berberis thunbergii
Pinus thunbergii

Common Name

Japanese bristlegrass
 Japanese honeysuckle
 Japanese hop
 Japanese knotweed
 Japanese maple
 Japanese pachysandra
 Japanese snowball
 Japanese snowbell
 Japanese sophora
 Japanese tree lilac
 Japanese yew
 Japanese zelkova
 Jerusalem artichoke
 Jesuit's bark
 jetbead
 jewelweed
 jimsonweed
 Joe Pye weed
 Johnsongrass
 jointed goatgrass
 jointweed
 juniper
 justiceweed
 katsura tree
 Kentucky bluegrass
 Kentucky coffeetree
 kingdevil
 kinnikinnick
 kiss me over the garden gate
 knight's-spur
 kousa dogwood
 kudzu
 kwanzan cherry
 Labrador tea
 lace grass
 lady's slipper
 lady's thumb
 lady's tresses
 lamsquarters
 lanceleaf figwort
 larch
 large St. Johnswort
 large whorled pogonia
 large yellow loosestrife
 largebracted plantain
 large-flower primrose-willow
 late purple aster
 lateflowering thoroughwort
 laurel
 lavender thrift
 leafy pondweed
 leather flower
 leatherleaf
 leathery grapefern
 Leggett's pinweed
 lespedeza
 lesser burdock
 lesser Canadian St. Johnswort
 lesser snakeroot
 lettuce

Scientific Name

Setaria faberi
Lonicera japonica
Humulus japonicus
Polygonum cuspidatum
Acer palmatum
Pachysandra terminalis
Viburnum plicatum
Styrax japonicus
Styphnolobium japonicum
Syringa reticulata
Taxus cuspidata
Zelkova serrata
Helianthus tuberosus
Iva frutescens
Rhodotypos scandens
Impatiens capensis
Datura stramonium
Eupatoriadelphus spp.
Sorghum halepense
Aegilops cylindrica
Polygonella spp.
Juniperus spp.
Eupatorium leucolepis
Cercidiphyllum japonicum
Poa pratensis
Gymnocladus dioicus
Hieracium praealtum
Arctostaphylos uva-ursi
Polygonum orientale
Consolida spp.
Cornus kousa
Pueraria montana
Prunus 'Kwanzan'
Ledum spp.
Eragrostis capillaris
Cypripedium spp.
Polygonum cespitosum
Spiranthes spp.
Chenopodium album
Scrophularia lanceolata
Larix spp.
Hypericum majus
Isotria verticillata
Lysimachia punctata
Plantago aristata
Ludwigia grandiflora
Symphytotrichum patens
Eupatorium serotinum
Kalmia spp.
Limonium carolinianum
Potamogeton foliosus
Clematis spp.
Chamaedaphne calyculata
Botrychium multifidum
Lechea pulchella
Lespedeza spp.
Arctium minus
Hypericum canadense
Ageratina aromatica
Lactuca spp.

Common Name

Leyland cypress
 lilac
 lily
 linearleaf snapdragon
 lined sedge
 little bluestem
 little evening primrose
 little lovegrass
 littleleaf buttercup
 littleleaf linden
 lizard's tail
 lobelia
 log fern
 Lombardy poplar
 London planetree
 longleaf summer bluet
 Long's sedge
 longstalk starwort
 longstyle sweetroot
 loosestrife
 lopsided rush
 lousewort
 lovegrass
 low rough aster
 low spearwort
 lowbush blueberry
 lowland bladderfern
 lowland yellow loosestrife
 magnolia
 Mahaleb cherry
 maiden fern
 maidenhair fern
 maleberry
 mallow
 man of the earth
 mannagrass
 manyspike flatsedge
 manzanita
 maple
 mapleleaf goosefoot
 mapleleaf viburnum
 marginal woodfern
 marijuana
 marsh bristlegrass
 marsh cudweed
 marsh fimbry
 marsh marigold
 marsh rose gentian
 marsh seedbox
 marsh St. Johnswort
 marsh straw sedge
 marshpepper knotweed
 Maryland goldenaster
 Maryland sanicle
 mat sandbur
 mayapple
 mayflower
 meadow anemone
 meadow fescue
 meadow foxtail

Scientific Name

x Cupressocyparis leylandii
Syringa spp.
Lilium spp.
Misopates orontium
Carex striatula
Schizachyrium scoparium
Oenothera perennis
Eragrostis minor
Ranunculus abortivus
Tilia cordata
Saururus cernuus
Lobelia spp.
Dryopteris celsa
Populus nigra
Platanus hybrida
Houstonia longifolia
Carex longii
Stellaria longipes
Osmorhiza longistylis
Lythrum spp.
Juncus secundus
Pedicularis spp.
Eragrostis spp.
Eurybia radula
Ranunculus pusillus
Vaccinium angustifolium
Cystopteris protrusa
Lysimachia hybrida
Magnolia spp.
Prunus mahaleb
Thelypteris spp.
Adiantum spp.
Lyonia ligustrina
Malva spp.
Ipomoea pandurata
Glyceria spp.
Cyperus polystachyos
Arctostaphylos
Acer spp.
Chenopodium simplex
Viburnum acerifolium
Dryopteris marginalis
Cannabis sativa
Setaria parviflora
Gnaphalium uliginosum
Fimbristylis castanea
Caltha spp.
Sabatia dodecandra
Ludwigia palustris
Triadenum virginicum
Carex hormonthodes
Polygonum hydropiper
Chrysopsis mariana
Sanicula marilandica
Cenchrus longispinus
Podophyllum peltatum
Maianthemum spp.
Anemone canadensis
Schedonorus pratensis
Alopecurus pratensis

Common Name

meadow garlic
 meadow spikemoss
 meadowbeauty
 meadowparsnip
 meadow-rue
 melon
 mermaidweed
 Mexican muhly
 Mexican tea
 mild water pepper
 milk puslane
 milkpea
 milkweed
 mimosa
 mint
 minute duckweed
 misopates
 moccasin flower
 mockernut hickory
 monkeyflower
 moonseed
 morning-glory
 Morrow's honeysuckle
 mosquitofern
 moss
 moss phlox
 moth mullein
 mountain laurel
 mountain silverbell
 mountainmint
 mouse-ear chickweed
 mugwort
 Muhlenberg's sedge
 muhly
 mulberry
 multiflora rose
 nailwort
 nannyberry
 Nantucket serviceberry
 narrowleaf bluecurls
 narrowleaf blue-eyed grass
 narrowleaf cattail
 narrowleaf evening primrose
 narrowleaf vervain
 narrowleaf whitetop aster
 necklace sedge
 needle spikerush
 needlepod rush
 netted chainfern
 New England aster
 New Jersey tea
 New York aster
 New York fern
 New York ironweed
 nightshade
 nimblewill
 nodding fescue
 nodding thistle
 noddingcaps
 northern bayberry

Scientific Name

Allium canadense
Selaginella apoda
Rhexia spp.
Thaspium spp.
Thalictrum spp.
Cucumis spp.
Proserpinaca spp.
Muhlenbergia mexicana
Chenopodium ambrosioides
Polygonum hydropiperoides
Chamaesyce maculata
Galactia spp.
Asclepias spp.
Albizia julibrissin
Mentha spp.
Lemna perpusilla
Misopates spp.
Cyripedium acaule
Carya alba
Mimulus spp.
Menispermum
Ipomoea spp.
Lonicera morrowii
Azolla spp.

Phlox subulata
Verbascum blattaria
Kalmia latifolia
Halesia tetraptera
Pycnanthemum spp.
Cerastium fontanum
Artemisia vulgaris
Carex muehlenbergii
Muhlenbergia spp.
Morus spp.
Rosa multiflora
Paronychia spp.
Viburnum lentago
Amelanchier nantucketensis
Trichostema setaceum
Sisyrinchium angustifolium
Typha angustifolia
Oenothera fruticosa
Verbena simplex
Sericocarpus linifolius
Carex projecta
Eleocharis acicularis
Juncus scirpoides
Woodwardia areolata
Symphotrichum novae-angliae
Ceanothus americanus
Symphotrichum novi-belgii
Thelypteris noveboracensis
Vernonia noveboracensis
Solanum spp.
Muhlenbergia schreberi
Festuca subverticillata
Carduus nutans
Triphora spp.
Morella pennsylvanica

Common Name

northern bog aster
 northern bugleweed
 northern coastal violet
 northern long sedge
 northern maidenhair
 northern red oak
 northern spicebush
 northern wildrice
 Norway maple
 Norway maple 'crimson king'
 Norway spruce
 Norwegian cinquefoil
 nutgrass
 nutrush
 Nuttall's milkwort
 Nuttall's ticktrefoil
 oak
 Oakes' evening primrose
 oat
 oatgrass
 oatgrass
 obedient plant
 oldenlandia
 olney threesquare
 oneflowered broomrape
 onion
 opium poppy
 orange daylily
 orange milkwort
 orchardgrass
 osage orange
 osmunda
 oval-leaf knotweed
 ovate spikerush
 overcup oak
 oxeye daisy
 pale false mannagrass
 pale smartweed
 pale touch-me-not
 palegreen orchid
 panicgrass
 panicleleaf ticktrefoil
 paper birch
 paper mulberry
 paradise apple
 Parlin's pussytoes
 parsnip
 partridge pea
 path rush
 pawpaw
 pea
 peach
 pearl millet
 pearlwort
 pencilflower
 Pennsylvania bittercress
 Pennsylvania blackberry
 Pennsylvania buttercup
 Pennsylvania sedge
 Pennsylvania smartweed

Scientific Name

Symphyotrichum boreale
Viola uniflorus
Lyca brittoniana
Carex folliculata
Adiantum pedatum
Quercus rubra
Lindera benzoin
Zizania palustris
Acer platanoides
Acer platanoides 'Crimson king'
Picea abies
Potentilla norvegica
Cyperus rotundus
Scleria spp.
Polygala nuttallii
Desmodium nuttallii
Quercus spp.
Oenothera oakesiana
Avena spp.
Arrhenatherum spp.
Danthonia spp.
Physostegia virginiana
Oldenlandia spp.
Schoenoplectus americanus
Orobanche uniflora
Allium spp.
Papaver somniferum
Hemerocallis fulva
Polygala lutea
Dactylis glomerata
Maclura pomifera
Osmunda spp.
Polygonum arenastrum
Eleocharis ovata
Quercus lyrata
Leucanthemum vulgare
Torreyochloa pallida
Polygonum lapathifolium
Impatiens pallida
Platanthera flava
Panicum spp.
Desmodium paniculatum
Betula papyrifera
Broussonetia papyrifera
Malus pumila
Antennaria parlinii
Pastinaca spp.
Chamaecrista fasciculata
Juncus tenuis
Asimina triloba
Lathyrus spp.
Prunus persica
Pennisetum glaucum
Sagina spp.
Stylosanthes spp.
Cardamine pensylvanica
Rubus pensilvanicus
Ranunculus pensylvanicus
Carex pensylvanica
Polygonum pensylvanicum

Common Name

pennycress
 pepperweed
 perennial ryegrass
 perennial saltmarsh aster
 perennial wallrocket
 perfoliate bellwort
 periwinkle
 Peruvian dodder
 Philadelphia panicgrass
 phlox
 phragmites
 pickerelweed
 pickleweed
 piedmont staggerbush
 pignut hickory
 pigweed
 pilewort
 pimpernel
 pin cherry
 pin oak
 pine
 pine barren flatsedge
 pine barren stitchwort
 pinesap
 pink azalea
 pink fuzzybean
 pinweed
 pipsissewa
 pitch pine
 pitseed goosefoot
 plantain
 plantain lily
 pleatleaf knotweed
 Plukenet's flatsedge
 plum
 pointedleaf ticktrefoil
 Poison ivy
 poison sumac
 polygala
 polypody
 pond water-starwort
 pond-lily
 pondweed
 pondweed
 poorjoe
 poorland flatsedge
 poor-man's-pepper
 poppy
 porcelain-berry
 possumhaw
 post oak
 poverty brome
 poverty dropseed
 poverty oatgrass
 prairie cordgrass
 prairie sunflower
 prairie threeawn
 prickly lettuce
 pricklyash
 pricklypear

Scientific Name

Thlaspi spp.
Lepidium spp.
Lolium perenne
Symphyotrichum tenuifolium
Diplotaxis tenuifolia
Uvularia perfoliata
Vinca spp.
Cuscuta obtusiflora
Panicum philadelphicum
Phlox spp.
Phragmites australis
Pontederia cordata
Salicornia spp.
Lyonia mariana
Carya glabra
Amaranthus spp.
Erechtites hieraciifolia
Anagallis spp.
Prunus pensylvanica
Quercus palustris
Pinus spp.
Cyperus retrorsus
Minuartia caroliniana
Monotropa hypopithys
Rhododendron periclymenoides
Strophostyles umbellata
Lechea spp.
Chimaphila umbellata
Pinus rigida
Chenopodium berlandieri
Plantago spp.
Hosta
Polygonum tenue
Cyperus plukenetii
Prunus spp.
Desmodium glutinosum
Toxicodendron radicans
Toxicodendron vernix
Polygala spp.
Polypodium spp.
Callitriche stagnalis
Nuphar spp.
Potamogeton spp.
Stuckenia spp.
Diodia teres
Cyperus compressus
Lepidium virginicum
Papaver spp.
Ampelopsis brevipedunculata
Viburnum nudum
Quercus stellata
Bromus sterilis
Sporobolus vaginiflorus
Danthonia spicata
Spartina pectinata
Helianthus petiolaris
Aristida oligantha
Lactuca serriola
Zanthoxylum spp.
Opuntia spp.

Common Name

primrose-willow
 prince's pine
 princess tree
 privet
 prostrate knotweed
 prostrate pigweed
 prostrate ticktrefoil
 purple bergamot
 purple chokeberry
 purple gerardia
 purple loosestrife
 purple lovegrass
 purple meadowparsnip
 purple milkweed
 purple sandgrass
 purpleleaf plum
 purple-head sneezeweed
 purplestem aster
 purplestem beggarticks
 purpletop tridens
 purslane
 pussy willow
 pussytoes
 quackgrass
 quaking aspen
 Queen Anne's lace
 queendevil
 quill sedge
 rabbitfoot clover
 radish
 ragged robin
 ragweed
 ragwort
 rare clubmoss
 rattlebox
 rattlesnake fern
 rattlesnake mannagrass
 rattlesnakemaster
 rattlesnakeroot
 rattlesnakeweed
 red chokeberry
 red clover
 red columbine
 red fescue
 red goosefoot
 red hickory
 red maple
 red milkweed
 red mulberry
 red pine
 red spruce
 redosier dogwood
 redring milkweed
 redstem stork's bill
 redtop
 redtop panicgrass
 reed
 reedgrass
 reflexed sedge
 rhododendron

Scientific Name

Ludwigia spp.
Chimaphila spp.
Paulownia tomentosa
Ligustrum spp.
Polygonum aviculare
Amaranthus albus
Desmodium rotundifolium
Monarda media
Photinia floribunda
Agalinis purpurea
Lythrum salicaria
Eragrostis spectabilis
Thaspium trifoliatum
Asclepias purpurascens
Triplasis purpurea
Prunus cerasifera
Helenium flexuosum
Symphotrichum puniceum
Bidens connata
Tridens flavus
Portulaca spp.
Salix discolor
Antennaria spp.
Elymus repens
Populus tremuloides
Daucus carota
Hieracium gronovii
Carex tenera
Trifolium arvense
Raphanus spp.
Lychnis flos-cuculi
Ambrosia spp.
Packera spp.
Lycopodium obscurum
Crotalaria spp.
Botrychium virginianum
Glyceria canadensis
Eryngium aquaticum
Prenanthes spp.
Hieracium venosum
Photinia pyrifolia
Trifolium pratense
Aquilegia canadensis
Festuca rubra
Chenopodium rubrum
Carya ovalis
Acer rubrum
Asclepias rubra
Morus rubra
Pinus resinosa
Picea rubens
Cornus sericea
Asclepias variegata
Erodium cicutarium
Agrostis gigantea
Panicum rigidulum
Phragmites spp.
Calamagrostis spp.
Carex retroflexa
Rhododendron spp.

Common Name

rice cutgrass
 ridged yellow flax
 river birch
 riverbank wildrye
 roadside pepperweed
 rock polypody
 rose
 rose gentian
 rose mallow
 rose moss
 rose of Plymouth
 rose of Sharon
 rosepink
 rosette grass
 rotala
 rough avens
 rough barnyardgrass
 rough bentgrass
 rough bluegrass
 rough boneset
 roughfruit amaranth
 rough-fruited cinquefoil
 roundhead lespedeza
 roundleaf greenbrier
 roundleaf thoroughwort
 roundleaf yellow violet
 roundseed panicgrass
 royal fern
 rue anemone
 rush
 Russian olive
 Russian thistle
 rye
 rye brome
 ryegrass
 sagebrush
 saline saltbush
 saltbush
 saltgrass
 saltmarsh alkaligrass
 salt-marsh bulrush
 saltmarsh false foxglove
 saltmeadow cordgrass
 saltmeadow rush
 sand bittercress
 sandbar willow
 sandbur
 sanddune sandbur
 sandgrass
 sandhill thistle
 sandmat
 sandspur
 sanicle
 sarsaparilla
 saffron
 saucer magnolia
 sawbrier
 sawgrass
 sawtooth oak
 scarlet Indian paintbrush

Scientific Name

Leersia oryzoides
Linum striatum
Betula nigra
Elymus riparius
Lepidium ruderales
Polypodium virginianum
Rosa spp.
Sabatia spp.
Hibiscus moscheutos
Portulaca grandiflora
Sabatia stellaris
Hibiscus syriacus
Sabatia angularis
Dichanthelium spp.
Rotala spp.
Geum laciniatum
Echinochloa muricata
Agrostis scabra
Poa trivialis
Eupatorium pilosum
Amaranthus tuberculatus
Potentilla recta
Lespedeza capitata
Smilax rotundifolia
Eupatorium rotundifolium
Viola rotundifolia
Dichanthelium sphaerocarpon
Osmunda regalis
Thalictrum thalictroides
Juncus spp.
Elaeagnus angustifolia
Salsola kali
Secale spp.
Bromus secalinus
Lolium spp.
Artemisia spp.
Atriplex subspicata
Atriplex spp.
Distichlis spicata
Puccinellia fasciculata
Schoenoplectus robustus
Agalinis maritima
Spartina patens
Juncus gerardii
Cardamine parviflora
Salix interior
Cenchrus spp.
Cenchrus tribuloides
Triplasis spp.
Cirsium repandum
Chamaesyce spp.
Spergularia spp.
Sanicula spp.
Smilax aristolochiifolia
Sassafras albidum
Magnolia x soulangiana
Smilax glauca
Cladium spp.
Quercus acutissima
Castilleja coccinea

Common Name

scarlet oak
 scarlet pimpernel
 Scots pine
 sea lavender
 searocket
 seaside brookweed
 seaside goldenrod
 seaside spurge
 seaside threeawn
 sedge
 seedbox
 seepweed
 senna
 sensitive fern
 serviceberry
 sesame
 sessileleaf bellwort
 shagbark hickory
 shallow sedge
 sharpwing monkeyflower
 sheep laurel
 shepherd's purse
 shingle oak
 shining clubmoss
 shore little bluestem
 shortawn foxtail
 shortleaf pine
 showy orchid
 showy skullcap
 shrubby cinquefoil
 Siberian elm
 sidebeak pencilflower
 Siebold's viburnum
 silky dogwood
 silver maple
 silverleaf linden
 silverrod
 silvery sedge
 sixweeks fescue
 skullcap
 skullcap speedwell
 skunk cabbage
 sleepydick
 slender blue iris
 slender bunchflower
 slender crabgrass
 slender fimbry
 slender flatsedge
 slender nutrush
 slender rose gentian
 slender sowthistle
 slender woodoats
 slender yellow woodsorrel
 slimleaf panicgrass
 slimspike threeawn
 slippery elm
 small pondweed
 smallflower sweetbrier
 smartweed
 smartweed dodder

Scientific Name

Quercus coccinea
Anagallis arvensis
Pinus sylvestris
Limonium spp.
Cakile spp.
Samolus valerandi
Solidago sempervirens
Chamaesyce polygonifolia
Aristida tuberculosa
Carex spp.
Ludwigia alternifolia
Suaeda spp.
Senna spp.
Onoclea sensibilis
Amelanchier spp.
Sesamum orientale
Uvularia sessilifolia
Carya ovata
Carex lurida
Mimulus alatus
Kalmia angustifolia
Capsella bursa-pastoris
Quercus imbricaria
Huperzia lucidula
Schizachyrium littorale
Alopecurus aequalis
Pinus echinata
Galearis spectabilis
Scutellaria serrata
Dasiphora fruticosa
Ulmus pumila
Stylosanthes biflora
Viburnum sieboldii
Cornus amomum
Acer saccharinum
Tilia tomentosa
Solidago bicolor
Carex canescens
Vulpia octoflora
Scutellaria spp.
Veronica scutellata
Symplocarpus foetidus
Ornithogalum umbellatum
Iris prismatica
Veratrum latifolium
Digitaria filiformis
Fimbristylis autumnalis
Cyperus bipartitus
Scleria minor
Sabatia campanulata
Sonchus tenerrimus
Chasmanthium laxum
Oxalis dillenii
Dichanthelium linearifolium
Aristida longespica
Ulmus rubra
Potamogeton pusillus
Rosa micrantha
Polygonum spp.
Cuscuta polygonorum

Common Name

smooth beggartick
 smooth blue aster
 smooth brome
 smooth carrionflower
 smooth cordgrass
 smooth crabgrass
 smooth forked nailwort
 smooth sawgrass
 smooth Solomon's seal
 smooth sumac
 smooth ticktrefoil
 smooth winterberry
 snailseed pondweed
 snakeroot
 snowberry
 snowberry
 soft rush
 Solomon's seal
 sorghum
 southern bog clubmoss
 southern magnolia
 southern red oak
 southern woodland violet
 sowthistle
 speargrass
 speckled alder
 speedwell
 spiderwort
 spikemoss
 spikerush
 spindletree
 spineless hornwort
 spiny glasswort
 spinulose woodfern
 spirea
 spleenwort
 spoonleaf purple everlasting
 spotted Joe Pye weed
 spotted knapweed
 spotted pondweed
 spotted wintergreen
 spreading dogbane
 spring avens
 spring forget-me-not
 springbeauty
 spruce
 spurge
 squarestem spikerush
 squarrose sedge
 squash
 St. Andrew's cross
 St. Anthony's turnip
 St. Johnswort
 staggerbush
 staghorn sumac
 star magnolia
 star of Bethlehem
 stargrass
 star-grass
 starry false lily of the valley

Scientific Name

Bidens laevis
Symphotrichum laeve
Bromus inermis
Smilax herbacea
Spartina alterniflora
Digitaria ischaemum
Paronychia canadensis
Cladium mariscoides
Polygonatum biflorum
Rhus glabra
Desmodium laevigatum
Ilex laevigata
Potamogeton bicupulatus
Ageratina spp.
Gaultheria spp.
Symphoricarpos spp.
Juncus effusus
Polygonatum spp.
Sorghum bicolor
Lycopodiella appressa
Magnolia grandiflora
Quercus falcata
Viola hirsutula
Sonchus spp.
Piptochaetium spp.
Alnus incana
Veronica spp.
Tradescantia spp.
Selaginella spp.
Eleocharis spp.
Euonymus spp.
Ceratophyllum echinatum
Salicornia depressa
Dryopteris carthusiana
Spiraea spp.
Asplenium spp.
Gamochaeta purpurea
Eupatoriadelphus maculatus
Centaurea
Potamogeton pulcher
Chimaphila maculata
Apocynum androsaemifolium
Geum vernum
Myosotis verna
Claytonia spp.
Picea spp.
Euphorbia spp.
Eleocharis quadrangulata
Carex squarrosa
Cucurbita spp.
Hypericum hypericoides
Ranunculus bulbosus
Hypericum spp.
Lyonia spp.
Rhus typhina
Magnolia stellata
Ornithogalum spp.
Cynodon plectostachyus
Hypoxis spp.
Maianthemum stellatum

Common Name

starved panicgrass
 starwort
 steeplebush
 sticky catchfly
 stiff cowbane
 stiff ticktrefoil
 stiff yellow flax
 stinging nettle
 stitchwort
 stork's bill
 strawberry
 strawcolored flatsedge
 striped maple
 sugar maple
 sumac
 summer grape
 sunflower
 swamp azalea
 swamp cottonwood
 swamp doghobble
 swamp loosestrife
 swamp lousewort
 swamp milkweed
 swamp sunflower
 swamp verbena
 swamp white oak
 swamppink
 Swan's sedge
 sweet cherry
 sweet fern
 sweet mock orange
 sweet pepperbush
 sweet vernalgrass
 sweet woodreed
 sweetbay
 sweetflag
 sweetgrass
 sweetgum
 sweetroot
 sweetscented Joe Pye weed
 switchgrass
 sycamore maple
 tall blue lettuce
 tall buttercup
 tall fescue
 tall lespedeza
 tall meadow-rue
 tall morning-glory
 tall oatgrass
 tall rattlesnakeroot
 tall thimbleweed
 tall thistle
 tamarack
 tapered rosette grass
 taperleaf water horehound
 tapertip rush
 Tatarian honeysuckle
 tawny cottongrass
 terrestrial water-starwort
 thicket sedge

Scientific Name

Dichanthelium depauperatum
Stellaria spp.
Spiraea tomentosa
Silene caroliniana
Oxypolis rigidior
Desmodium obtusum
Linum medium
Urtica dioica
Minuartia spp.
Erodium spp.
Fragaria spp.
Cyperus strigosus
Acer pensylvanicum
Acer saccharum
Rhus spp.
Vitis aestivalis
Helianthus spp.
Rhododendron viscosum
Populus heterophylla
Eubotrys racemosa
Decodon verticillatus
Pedicularis lanceolata
Asclepias incarnata
Helianthus angustifolius
Verbena hastata
Quercus bicolor
Helonias bullata
Carex swanii
Prunus avium
Comptonia peregrina
Philadelphus coronarius
Clethra alnifolia
Anthoxanthum odoratum
Cinna arundinacea
Magnolia virginiana
Acorus americanus
Hierochloa odorata
Liquidambar styraciflua
Osmorhiza spp.
Eupatorium purpureum
Panicum virgatum
Acer pseudoplatanus
Lactuca biennis
Ranunculus acris
Schedonorus phoenix
Lespedeza stuevei
Thalictrum pubescens
Ipomoea purpurea
Arrhenatherum elatius
Prenanthes altissima
Anemone virginiana
Cirsium altissimum
Larix laricina
Dichanthelium acuminatum
Lycopus rubellus
Juncus acuminatus
Lonicera tatarica
Eriophorum virginicum
Callitriche terrestris
Carex abscondita

Common Name

Thickseed sunflower
 thimbleberry
 thin paspalum
 thistle
 thoroughwort
 threadleaf crowfoot
 threadleaf false foxglove
 threeawn
 threebirds
 threeleaf goldthread
 threelobe beggarticks
 threepetal bedstraw
 threeseed mercury
 threeway sedge
 thymeleaf pinweed
 thymeleaf speedwell
 ticktrefoil
 tidalmarsh amaranth
 timothy
 tiny vetch
 tipularia
 toad rush
 toadflax
 toothed whitetop aster
 Torrey's mountainmint
 touch-me-not
 trailing arbutus
 tree of heaven
 tridens
 trident maple
 trillium
 true forget-me-not
 trumpet creeper
 trumpet honeysuckle
 trumpetweed
 tuberos grasspink
 tufted hairgrass
 tufted loosestrife
 tufted lovegrass
 tuliptree
 Turkish hazelnut
 turk's-cap lily
 turtlehead
 tussock sedge
 twoflower dwarfdandelion
 umbrella flatsedge
 umbrella-sedge
 upland bentgrass
 valdivia duckweed
 variable panicgrass
 velvet panicum
 velvet sedge
 velvetgrass
 vernal water-starwort
 veronicastrum
 vervain
 vetch
 viburnum
 violet
 violet lespedeza

Scientific Name

Bidens coronata
Rubus parviflorus
Paspalum setaceum
Cirsium spp.
Eupatorium spp.
Ranunculus trichophyllus
Agalinis setacea
Aristida spp.
Triphora trianthophora
Coptis trifolia
Bidens tripartita
Galium trifidum
Acalypha spp.
Dulichium arundinaceum
Lechea minor
Veronica serpyllifolia
Desmodium spp.
Amaranthus cannabinus
Phleum pratense
Vicia hirsuta
Tipularia spp.
Juncus bufonius
Nuttallanthus spp.
Sericocarpus asteroides
Pycnanthemum torrei
Impatiens spp.
Epigaea repens
Ailanthus altissima
Tridens spp.
Acer buergerianum
Trillium spp.
Myosotis scorpioides
Campsis radicans
Lonicera sempervirens
Eupatoriadelphus fistulosus
Calopogon tuberosus
Deschampsia cespitosa
Lysimachia thyrsiflora
Eragrostis pectinacea
Liriodendron tulipifera
Corylus colurna
Lilium superbum
Chelone spp.
Carex stricta
Krigia biflora
Cyperus diandrus
Fuirena spp.
Agrostis perennans
Lemna valdiviana
Dichanthelium commutatum
Dichanthelium scoparium
Carex vestita
Holcus spp.
Callitriche palustris
Veronicastrum spp.
Verbena spp.
Vicia spp.
Viburnum spp.
Viola spp.
Lespedeza violacea

Common Name

violet woodsorrel
viper's bugloss
Virginia bunchflower
Virginia chainfern
Virginia creeper
Virginia dwarfdandelion
Virginia groundcherry
Virginia iris
Virginia knotweed
Virginia pine
Virginia rose
Virginia snakeroot
Virginia spiderwort
Virginia springbeauty
Virginia tephrosia
Virginia water horehound
Virginia wildrye
wallrocket
walnut
warm season grass
warty panicgrass
water hyacinth
water knotweed
water mannagrass
water sedge
water speedwell
watercress
waterhorehound
waterlily
watermelon
watermoss
waterplantain spearwort
water-starwort
waterthread pondweed
wavy hairgrass
waxflower shinleaf
waxweed
waxyleaf meadow-rue
wayfaringtree
weak stellate sedge
weeping alkaligrass
weeping Higan cherry
weeping willow
western brackenfern
western vervain
western waterweed
wheat
wheatgrass
whip nutrush
white ash
white avens
white baneberry
white clover
white colicroot
white fire
white fringed orchid
white heath aster
white meadowsweet
white mulberry
white oak

Scientific Name

Oxalis violacea
Echium spp.
Veratrum virginicum
Woodwardia virginica
Parthenocissus quinquefolia
Krigia virginica
Physalis virginiana
Iris virginica
Polygonum virginianum
Pinus virginiana
Rosa virginiana
Aristolochia serpentaria
Tradescantia virginiana
Claytonia virginica
Tephrosia virginiana
Lycopus virginicus
Elymus virginicus
Diplotaxis spp.
Juglans spp.

Panicum verrucosum
Eichhornia crassipes
Polygonum amphibium
Glyceria fluitans
Carex aquatilis
Veronica anagallis-aquatica
Nasturtium officinale
Lycopus spp.
Nymphaea spp.
Citrullus lanatus
Salvinia spp.
Ranunculus ambigens
Callitriche spp.
Potamogeton diversifolius
Deschampsia flexuosa
Pyrola elliptica
Cuphea spp.
Thalictrum revolutum
Viburnum lantana
Carex seorsa
Puccinellia distans
Prunus subhirtella
Salix × sepulcralis
Pteridium aquilinum
Verbena lasiostachys
Elodea nuttallii
Triticum spp.
Thinopyrum spp.
Scleria triglomerata
Fraxinus americana
Geum canadense
Actaea pachypoda
Trifolium repens
Aletris farinosa
Abies concolor
Platanthera blephariglottis
Symphyotrichum ericoides
Spiraea alba
Morus alba
Quercus alba

Common Name

white panicle aster
white poplar
white snakeroot
white turtlehead
white vervain
white wallrocket
white willow
white wood aster
whitegrass
whitemouth dayflower
whitetinge sedge
whitetop
whitetop
whitetop aster
whorled milkweed
whorled mountainmint
whorled wood aster
widelif orchid
wild bergamot
wild carrot
wild chervil
wild comfrey
wild cucumber
wild garlic
wild geranium
wild indigo
wild parsnip
wild radish
wild strawberry
wild yam
wildrice
wildrye
willow
willow dock
willow oak
willowherb
wineberry
winged sumac
wingstem
winter bentgrass
winter creeper
wintergreen
wisteria
witchgrass
witchhazel
woman's tobacco
wood anemone
wood lily
woodfern
woodland bulrush
woodland mulhy
woodland strawberry
woodland sunflower
woodoats
woodreed
woodsorrel
woolgrass
woolly beachheather
yam
yarrow

Scientific Name

Symphyotrichum lanceolatum
Populus alba
Ageratina altissima
Chelone glabra
Verbena urticifolia
Diplotaxis erucoides
Salix alba
Eurybia divaricata
Leersia virginica
Commelina erecta
Carex albicans
Cardaria draba
Doellingeria spp.
Sericocarpus spp.
Asclepias verticillata
Pycnanthemum verticillatum
Oclemena acuminata
Liparis spp.
Monarda fistulosa
Daucus spp.
Anthriscus sylvestris
Cynoglossum virginianum
Echinocystis lobata
Allium vineale
Geranium maculatum
Baptisia spp.
Pastinaca sativa
Raphanus raphanistrum
Fragaria virginiana
Dioscorea villosa
Zizania spp.
Elymus spp.
Salix spp.
Rumex salicifolius
Quercus phellos
Epilobium spp.
Rubus phoenicolasius
Rhus copallinum
Verbesina alternifolia
Agrostis hyemalis
Euonymus fortunei
Pyrola spp.
Wisteria spp.
Panicum capillare
Hamamelis spp.
Antennaria plantaginifolia
Anemone quinquefolia
Lilium philadelphicum
Dryopteris spp.
Scirpus expansus
Muhlenbergia sylvatica
Fragaria vesca
Helianthus divaricatus
Chasmanthium spp.
Cinna spp.
Oxalis spp.
Scirpus cyperinus
Hudsonia tomentosa
Dioscorea spp.
Achillea spp.

Common Name

yellow birch
 yellow flatsedge
 yellow fringed orchid
 yellow giant hyssop
 yellow loosestrife
 yellow marsh marigold
 yellow nutsedge
 yellow pond-lily

Scientific Name

Betula alleghaniensis
Cyperus flavescens
Platanthera ciliaris
Agastache nepetoides
Lysimachia spp.
Caltha palustris
Cyperus esculentus
Nuphar lutea

Common Name

yellow thistle
 yellow water buttercup
 yellowseed false pimpernel
 yellowwood
 yew
 yoshino cherry
 yucca

Scientific Name

Cirsium horridulum
Ranunculus flabellaris
Lindernia dubia
Cladrastis kentukea
Taxus spp.
Prunus × yedoensis
Yucca spp.