

Natural Area Mapping and Inventory of Pelham Bay Park Volume I Surveyed 1986



Prepared by the Natural Resources Group
Michael R. Bloomberg, Mayor
Adrian Benepe, Commissioner

Pelham Bay Park Natural Area Mapping & Inventory

Surveyed March 1986

2765.5 acres

Introduction

City of New York Parks & Recreation (DPR) manages one of the most extensive and varied park 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 Parks Department 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, Parks 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. This inventory of Pelham Bay Park was conducted as part of NRG's commitment to improving the natural areas of New York City parks. Volume I of the inventory was conducted in 1986, and includes all of Pelham Bay Park north of Pelham Bridge and a section of Talapoosa West. Volume II was conducted in 2007 and includes areas of Pelham Bay Park south of Pelham Bridge.

More than three times the size of Manhattan's Central Park, Pelham Bay Park is the City's largest park property. Visitors to the park enjoy miles of bridle paths and hiking trails, Orchard Beach, the Bartow-Pell Mansion, two golf courses, and a breathtaking 13-mile saltwater shoreline that hugs the Long Island Sound.

The native Siwanoy Native Americans originally inhabited this area, attracted by the plentiful deer, turtle, and sturgeon. When the Dutch West India Company purchased the land from them in 1639, they termed the area "Vreedelandt," meaning land of freedom. However, after years of unsuccessful attempts to occupy the land, the Siwanoy still controlled the area. The most famous of these failed communities was the short-lived English colony founded by Anne Hutchinson in what is now the northwest corner of this park. Having fled religious persecution in Puritan Massachusetts, Hutchinson and most of her party were killed by Native Americans just a short time later in 1643. The nearby Hutchinson River bears her name.

Englishman Thomas Pell purchased 50,000 acres of land from the Siwanoy in 1654. Park goers can visit the site of the tree where he and Siwanoy leader Chief Wampage made their pact. In 1666, King Charles II chartered this land as part of the Manor of Pelham. During the Revolutionary War, Pell's land was part of the buffer between the British-held Manhattan and rebel-held Westchester. Hiding behind stone walls, 600 Massachusetts Patriots stopped the British and Hessian forces from making their way north from Rodman's Neck. Remains of the walls can be seen in the Split Rock Golf Course. A plaque at Glover's Rock commemorates this battle at Pell Point.

After the Pell family sold most of the land, Robert Bartow, a publisher and Pell descendant, purchased the remainder in 1836. He built the Bartow-Pell Mansion in 1842, a grey stone mansion with Greek Revival interiors located on Shore Road. It remained in the family until 1888, when the City acquired the estate. The mansion and its grounds have been maintained by the International Garden Club Incorporated since 1914.

The site opened as a museum and educational center in 1947. The park's other historic residence, Hunter Mansion, was built in 1804. It once housed a collection of fine wines as well as paintings by European masters. Today only fragments of the foundation and landscaped features endure.

In the late 1800s, Bronx resident and founder of the New York Parks Association John Mullaly spearheaded a movement to retain some of the natural areas before they were destroyed by overdevelopment. The State Legislature appointed a commission to acquire large tracts of land to form a Bronx parks system. Pelham Bay Park officially became Bronx Parks Department property in 1888 when the City of the Bronx purchased the land for a total cost of \$2,746,688 and changed the collection of estates into a unified park. The original site was over 1,700 acres.

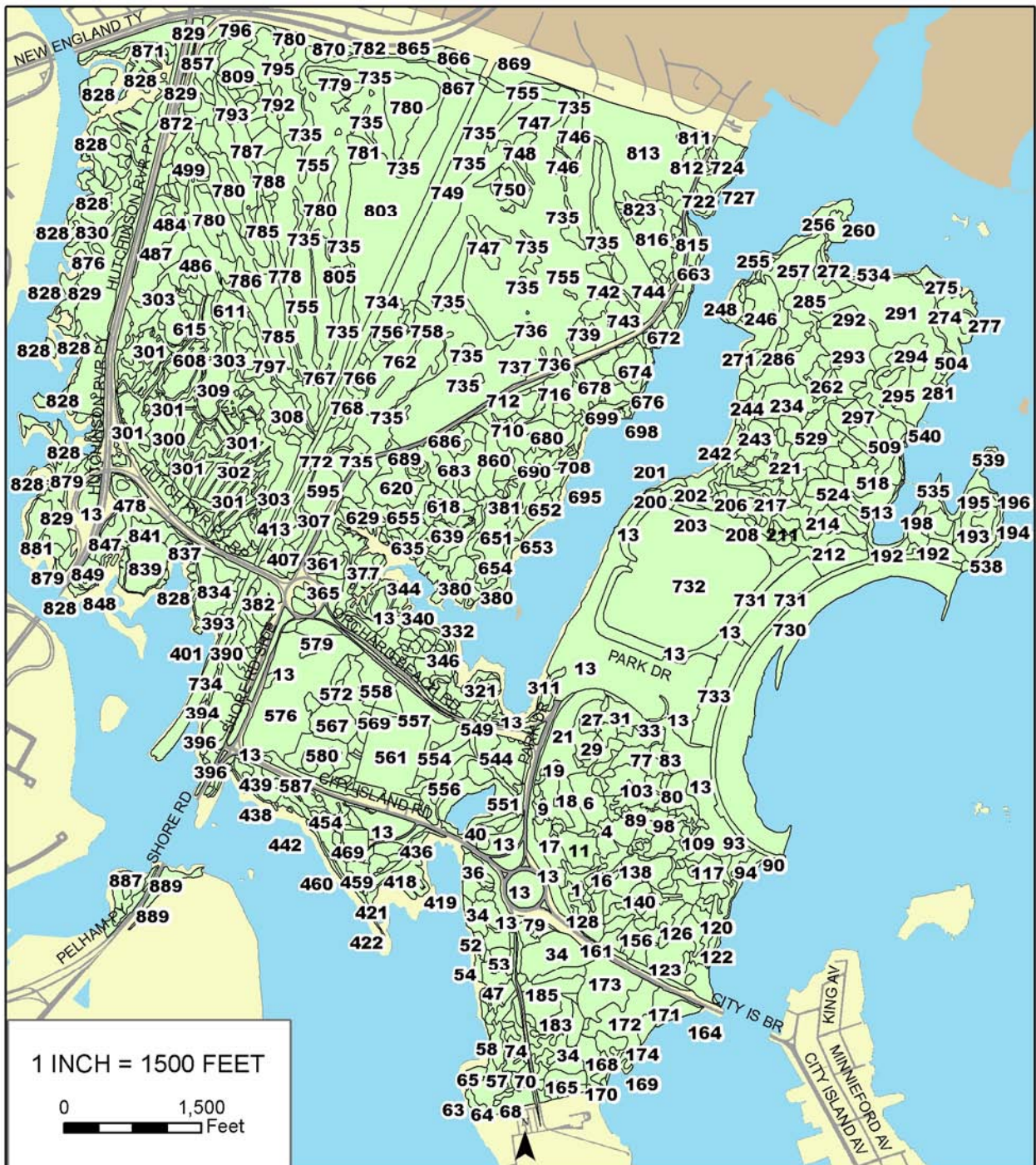
The park evolved from natural woodland into an enhanced recreational facility when Parks Commissioner Robert Moses (1888–1981) filled the park with playgrounds, comfort stations and other amenities. He upgraded the Pelham and Split Rock Golf Courses in the 1930s and began one of his most ambitious park projects: the building of today's Orchard Beach. Eager to increase public use of the area, Moses initiated an \$8 million project that added a new parking lot and a 90,000-square-foot bathhouse complex. When it opened in 1936, the landfill-fortified beach attracted thousands of bathers. In 1947, the beach was extended 1.25 miles by filling in the shallow water in LeRoy's Bay between Hunter and Twin islands, adding 115 acres of parkland. When the Department of Sanitation received permission to use the area south of the Pelham Bridge as a landfill, conservation groups succeeded in having the State designate 375 acres of marshland as a wildlife refuge. The Thomas Pell Wildlife Refuge was created in 1967.

To facilitate the protection, management and restoration of Pelham Bay Park, NRG completed an inventory of the area using entitation, a process of identifying and describing ecologically distinct plant communities. Using aerial photographs and field reconnaissance, Parks staff delineated distinct ecological entities, known as entitation 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. Entitation of Pelham Bay Park resulted in a map and database that can be used to locate valuable and threatened areas. They also serve as a baseline for measuring change over time.

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 urban parkland. 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. The first level of distinction is based on cover type (e.g. closed forest, vineland, scrub), followed by canopy species composition, understory type (e.g. herbs, vines, shrubs), and understory species composition. Additional factors, such as topography and soil condition (e.g. wet, moist, dry) are also taken into account.

To prepare for fieldwork, mapping technicians examine aerial photographs and delineate areas of similar cover. The mapping staff use the aerial information to create a strategy for covering land area. In the field, boundaries are identified as described above. For each unit, staff record the data listed above, as well as current uses, environmental disturbances, historical indicators, community stability, and comments.



1 INCH = 1500 FEET

0 1,500 Feet

ENTITATION UNITS - 1986
PELHAM BAY PARK
BRONX COUNTY, CITY OF NEW YORK



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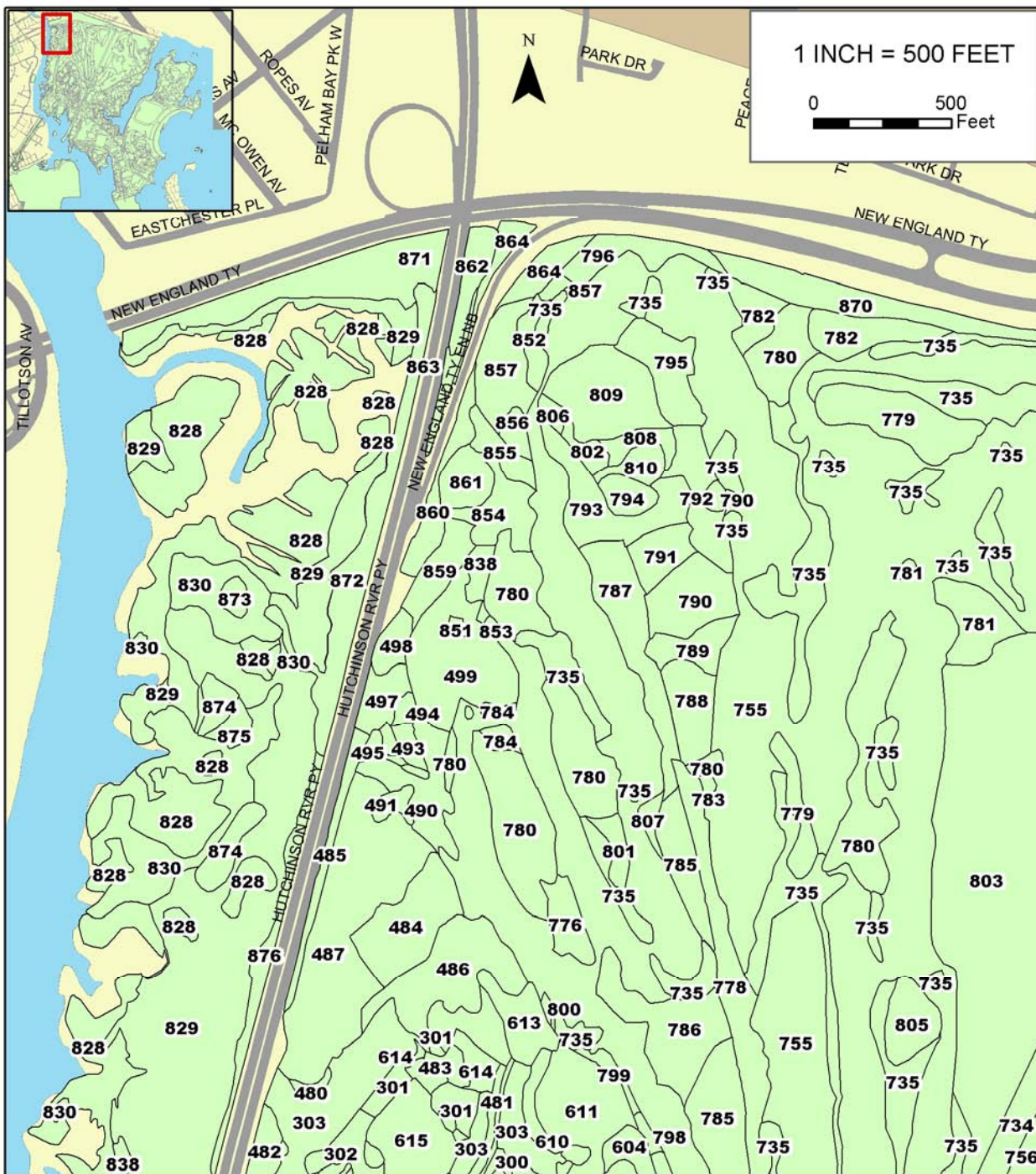
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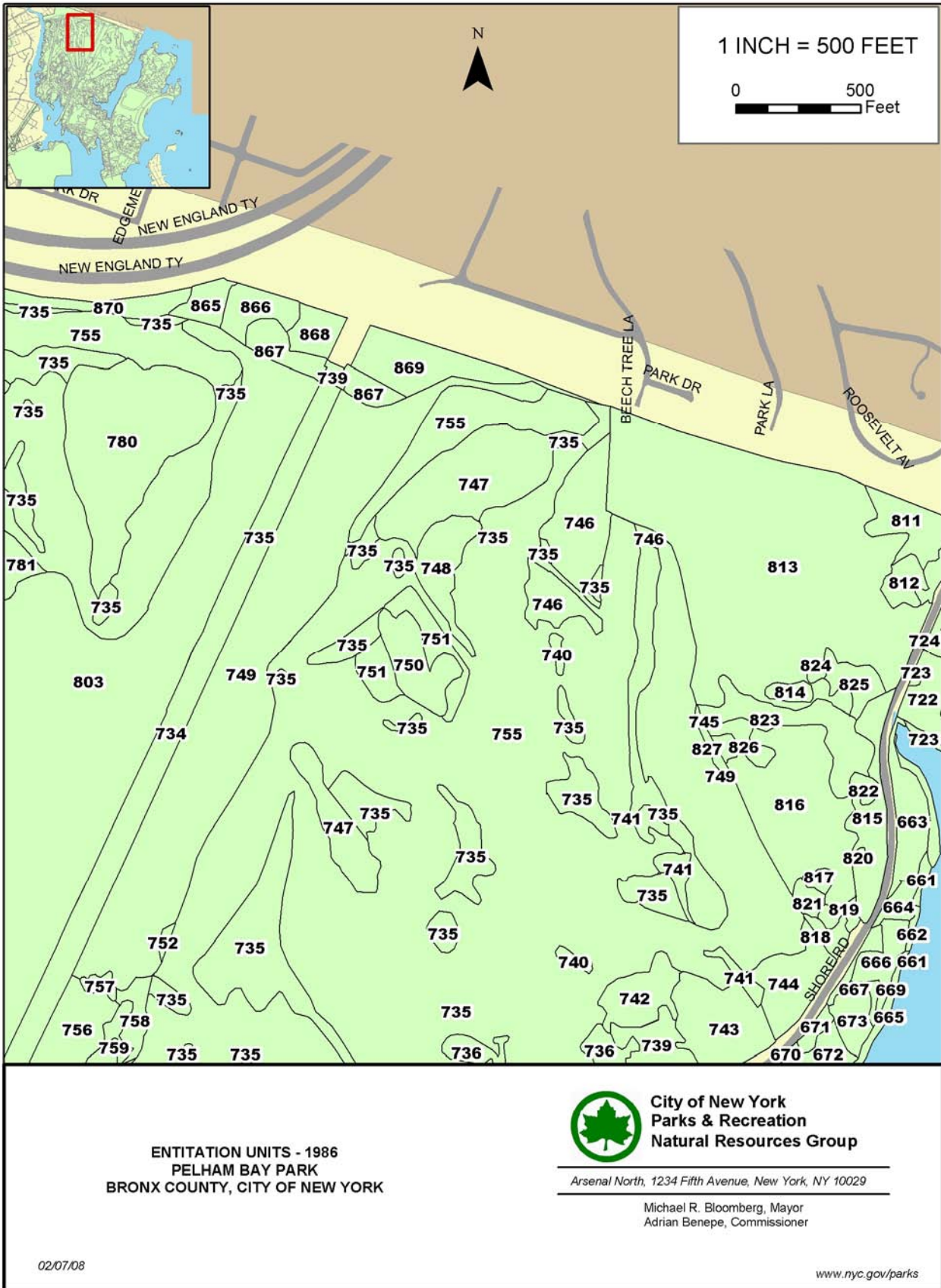
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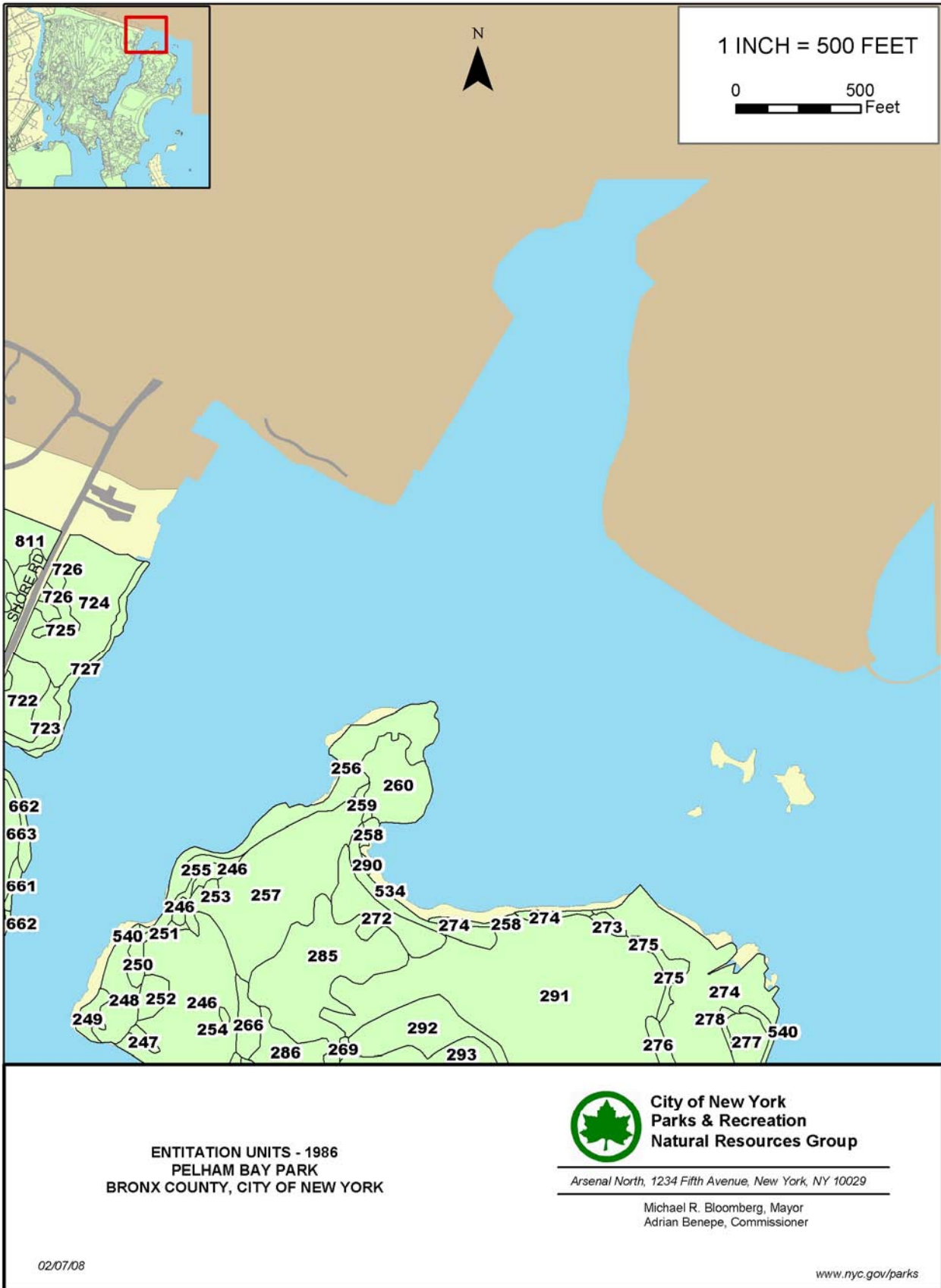
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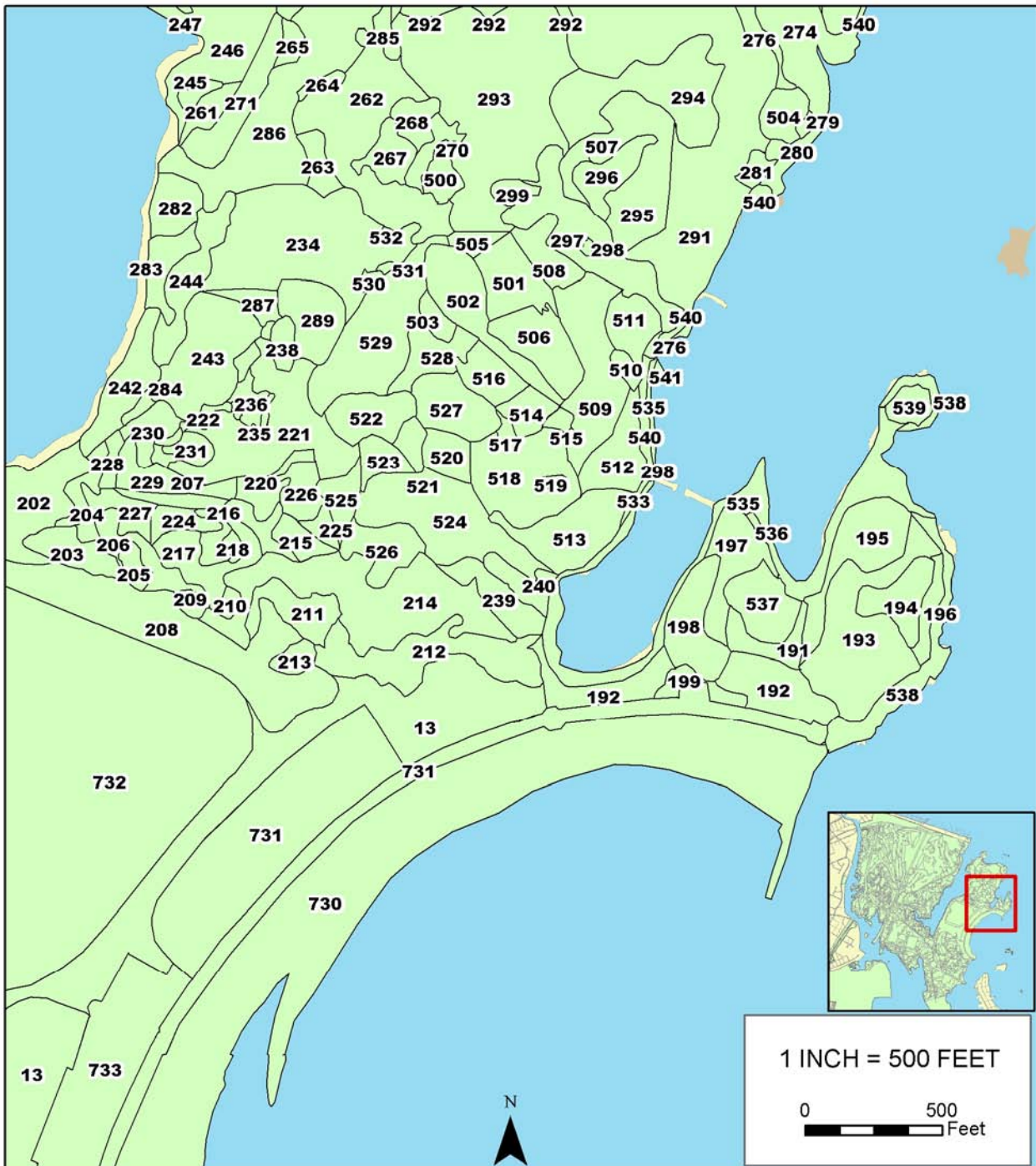
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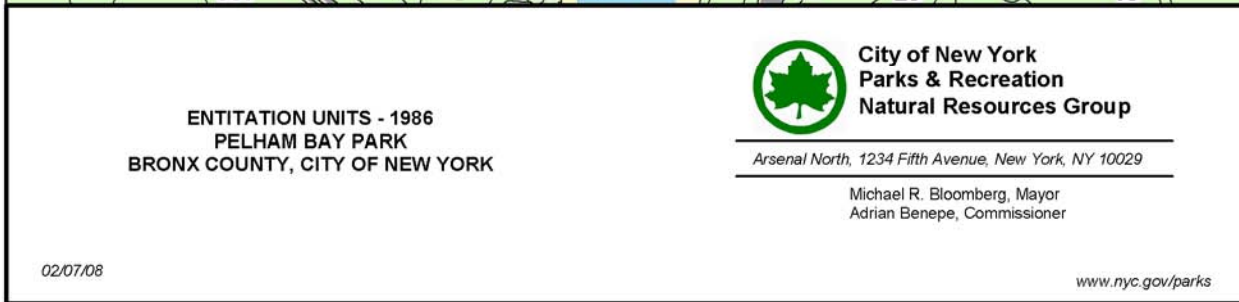
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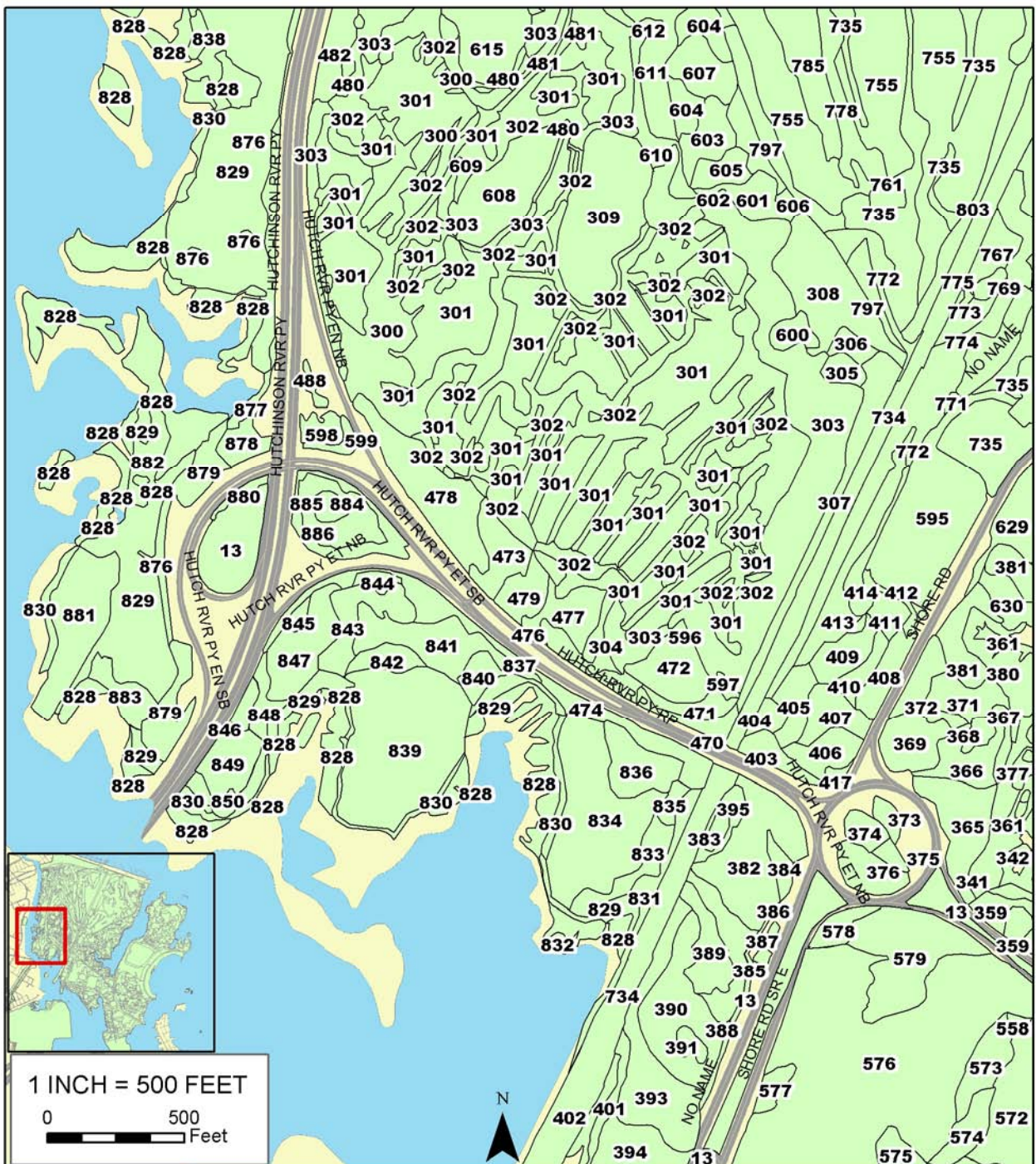
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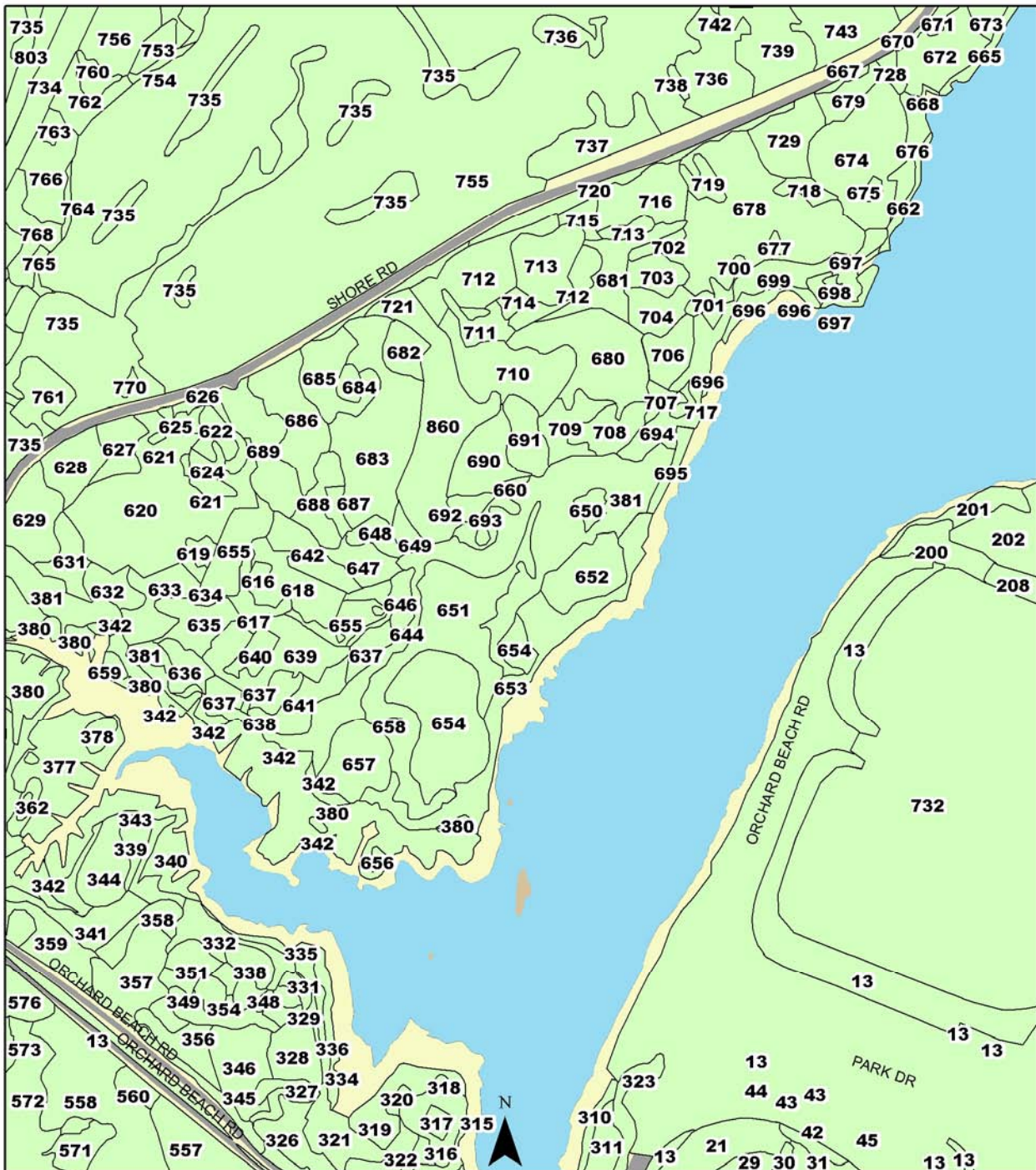
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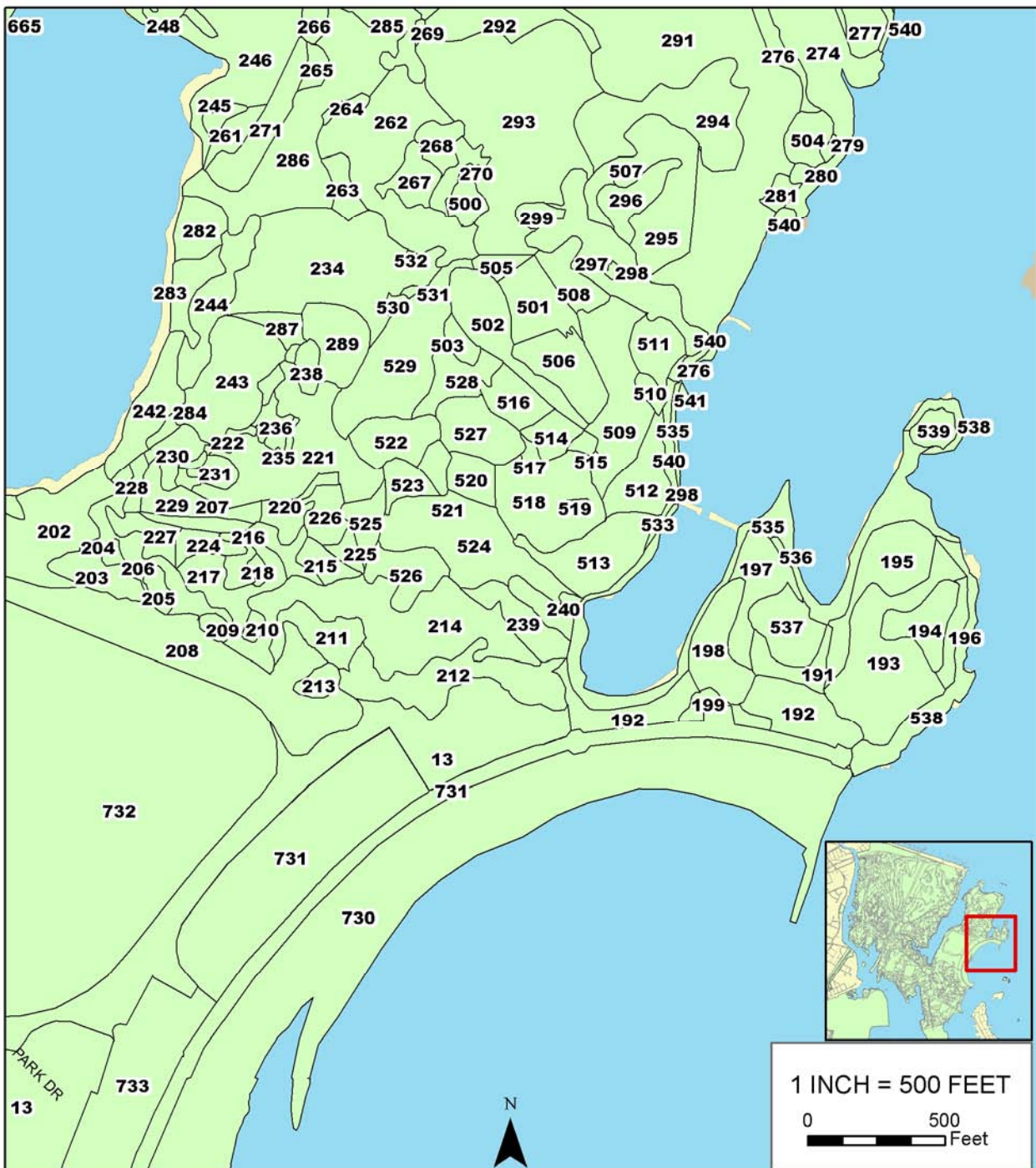
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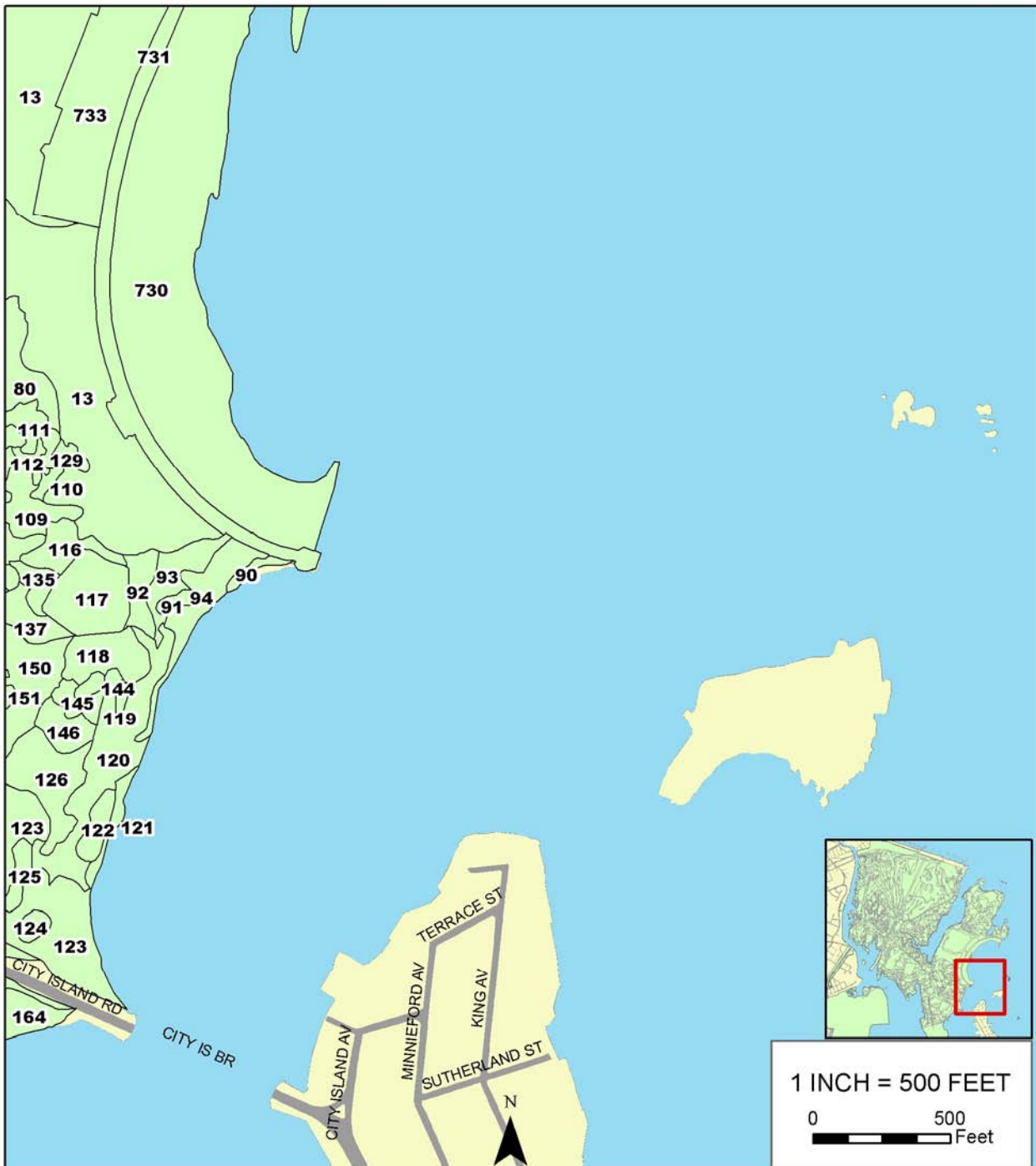
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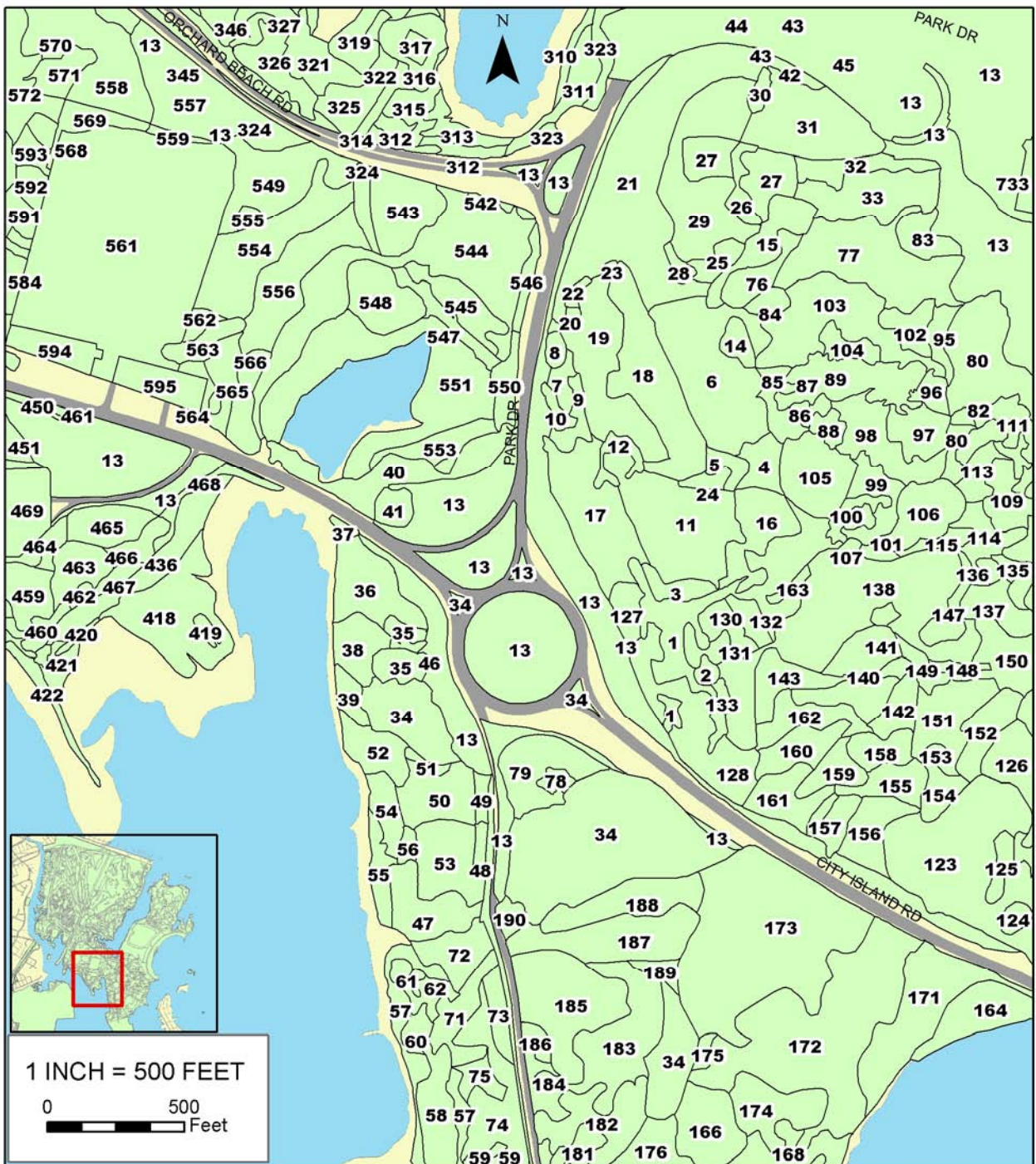
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Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 1
Acreage: 2.92
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m	Road	Foot traffic	Pollution
	Rubus	<5m			
Hemicryptophytes	Chives	<5m			
Level	Perennial herbs	<5m			
Moist					

Comments:

Scrubland dominated by perennial herb geophyte grass about two meters tall; abundant brambles and patches of sumac and scattered trees that are mature from planting. Other species: scotch pine, pin oak, goldenrod, jewelweed, Phragmites, and ash saplings.

Unit: 2
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Smooth sumac	<5m	Foundation		Pollution
Deciduous	Chives	<5m			
Phanerophytes	Jewelweed	<5m			
Level	Goldenrod	<5m			
Moist					

Comments:

Phanerophytes, about three meters tall, with shrub formation and some of the species found in unit #1. Dense stand of smooth sumac: understory consists of chives, jewelweed, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 3
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m	Foundation	Foot traffic	Trash
Deciduous	Black cherry	<5m			
Phanerophytes	Elderberry	<5m			
Level	Rubus	<5m			
Moist	Goldenrod	<5m			

Comments:

Unit similar to unit # 1, but has been taken over by Sassafras. Crowding occurring; some mortality of earlier invaders such as elm.
 Large black cherry, about ten meters, at unit border. Scattering of vines. Other species include jewelweed, chives, hickory, and black cherry and ash saplings.

Unit: 4
Acreage: 0.59
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Smooth sumac	<5m		Auto access	Fire
Deciduous	Goldenrod	<5m			
Therophytes	Chives	<5m			
Level					
Moist					

Comments:

Tight understory of herbaceous therophytes and geophytes; some smooth sumac mortality. Evidence of fire; hydrant present nearby in unit #5 to the west.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 5
Acreage: 0.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m	Foundation		Fire
Geophytes	Rubus	<5m	Hydrant		
Level	Goldenrod	<5m			
Moist					

Comments:

Sparse miscellaneous therophytes and geophytes on soil surface. Past fire probable; fire hydrant present.

Unit: 6
Acreage: 3.41
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	>5m	Pasture		Fire
Deciduous	Goldenrod	<5m			
Hemicryptophytes	Rubus	<5m			
Level	Chives	<5m			
Moist	Perennial herbs	<5m			
	Black cherry	>5m			

Comments:

Woodland dominated by black locust, rare pin oak, scotch pines, and elderberry present. No tree regeneration; tree mortality along old road and storm drain at border. Fires regularly burn understory; fire break would encourage regeneration.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 7
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Foundation	Auto access	
Deciduous	Norway maple	<5m			
Phanerophytes	American elm	>5m			
Undulating					
Moist					

Comments:

Black locust regeneration absent (pole - sized mortality). A few old mulberries. Ground cover: jewelweed, chives, aster-like perennial geophyte, annual therophyte, occasional liana. Elm left behind after park clearing 1937. Cement foundations.

Unit: 8
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White pine	>5m	Pasture	Picnic	
Evergreen	Cool season grass	<5m		Auto access	
Hemicryptophytes	Chives	<5m		Foot traffic	
Level					
Moist					

Comments:

Closed canopy of evergreen and planted species. Understory consists of hemicryptophytic grasses and vegetation maintained along roadway. Single birch species.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 9
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	<5m & >5m	Foundation	Wood gather	
Deciduous	Black locust	>5m		Auto access	
Phanerophytes	Black cherry	>5m			
Level					
Well drained					

Comments:

Closed canopy deciduous forest. Regeneration dominated by Norway maple (every age). Cement foundation, storm drain. Much leaf litter; chives rare; several black cherry and black locust along unit boundary. Differs from unit #7 because of dominant Norway maple in overstory.

Unit: 10
Acreage: 0.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	<5m & >5m	Foundation	Auto access	
Decid.w/evergreen	Black cherry	>5m			
Phanerophytes	White pine	>5m			
Level	Black locust	>5m			
Moist					

Comments:

Closed deciduous forest with evergreens (pine species). Ground cover of chives ; abundance of needle and broad-leaved litter.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 11
Acreage: 3.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	>5m	Pasture		
Deciduous	Pin oak	>5m			
Phanerophytes	Black walnut	>5m			
Level	Black cherry	>5m			
Moist					

Comments:

Closed deciduous forest dominated by bitternut hickory, other hickory, pin oak, black walnut, black cherry. Regeneration mostly bitternut hickory, some walnut, maybe some ash . Groundcover mostly litter with chives clumps.

Unit: 12
Acreage: 0.32
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m	Foundation		
	Rubus	<5m			
Hemicryptophytes	Chives	<5m			
Level	Black walnut	>5m			
Moist	Black locust	>5m			

Comments:

Area similar to unit #1 being encroached upon; invader species include bitternut hickory, elder spp. and either walnut /butternut. Much edge to this unit; excellent wildlife area. Other species include jewelweed, chives, and perennial geophytes.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 13
Acreage: 182.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m	Pasture	Picnic	Pollution
Deciduous	Sugar maple	>5m		Auto access	
Hemicryptophytes	American elm	>5m		Foot traffic	
Level	London planetree	>5m			
Moist	American beech	>5m			
	Mulberry	>5m			

Comments:

Deciduous woodland, mature trees, crown not interlocked. Ground cover: mowed hemicryptophytic grasses, occasional chives, dandelion, Rubus and goldenrod along border; also privet. Some bare soil, paved foot trail through area and along main paved road. Other trees : bittersnut hickory, white oak, horse chestnut, willow, red oak, sweetgum.

Unit: 14
Acreage: 0.34
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Quarry	Auto access	Fire
Deciduous	Black cherry	<5m		Foot traffic	
Phanerophytes	Goldenrod	<5m			
Level	Chives	<5m			
Wet	Rubus	<5m			

Comments:

Closed black locust forest with dense black cherry regeneration. Abundant goldenrod, patchy chives, rare Rubus, and occasional miscellaneous herbs. Area bounded by meadow and area with larger black locust and no regeneration. Footpath with automobile capacity separates latter area. Dump nearby.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 15
Acreage: 0.99
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Mugwort	<5m	Quarry	Auto access	Fire
	Goldenrod	<5m		Foot traffic	Compaction
Geophytes	Smooth sumac	<5m			Dumping
Level	Japanese knotweed	<5m			
Moist					

Comments:

Garbage dump community dominated by perennial geophytes, mugwort, and goldenrod (clonal herbs). Also present are some Rubus, smooth sumac, black cherry, one royal Paulownia, and one eastern cottonwood. Other species: aster-like perennial geophyte, unknown annual herb, and a small patch of Japanese knotweed.

Unit: 16
Acreage: 1.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	>5m	Road	Auto access	Fire
Deciduous	Mulberry	>5m		Foot traffic	
Lianas	Hickory	>5m			
Level	Serviceberry	>5m			
Moist	Pin oak	>5m			
	Black walnut	>5m			

Comments:

Complex deciduous woodland; complex community, lianas abundant in some patches and along margins. Also, sweet cherry, American elm, Rubus, chives, young hickories invading from the western unit. Old abandoned road, storm drain.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 17
Acreage: 2.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Pasture		Fire
Deciduous	Pin oak	>5m			
Phanerophytes	Mulberry	>5m			
Slope	Sweetgum	>5m			
Moist	Hickory	>5m			
	Norway maple	<5m			

Comments:

Closed deciduous forest with dense regeneration. Black cherry, pin oak, white mulberry, sweetgum, shagbark & bitternut hickory, some black locust at north end. Regeneration of Norway maple, black cherry. Ground: mostly litter, occasional chives, rare patches of day lily, other herbs.

Unit: 18
Acreage: 2.71
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Pasture	Foot traffic	Fire
Deciduous	Black cherry	<5m & >5m			Trash
Phanerophytes	Pin oak	>5m			
Slope					
Moist					

Comments:

Closed canopy deciduous forest with black locust as dominant overstory species (more so than in unit #19). Also present : black cherry, pin oak, and apple. Black locust size intermediate between units #6 and # 19. Abundant black cherry regeneration and shrubs. Chives, Rubus, goldenrod, and other herbs in area east of road; abundant leaf litter. Fire evidence. Foot trail through unit originates at unit # 8. Trees dying along abandoned road are falling into unit.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 19
Acreage: 2.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Pasture	Foot traffic	Fire
Deciduous	Pin oak	>5m			
Phanerophytes	Black locust	>5m			
Slope					
Moist					

Comments:

Closed deciduous forest with black cherry most prominent; also pin oak, black locust; single London plane. Dense regeneration of black cherry; leaf litter; occasional rock outcrops. Other less important understory spp. similar to adjacent units. Foot trail through unit from unit # 8. Fires rare.

Unit: 20
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m	Pasture	Auto access	Trash
	Pin oak	>5m			
Geophytes	Hickory	<5m			
Level	Sassafras	>5m			
Wet					

Comments:

Herbaceous grassland with geophytic graminoid; Phragmites dominant; 2 hickory, 2 pin oak; Sassafras on north border invading. Elderberry; herbaceous geophytes similar to units 18&19. Briers, Rubus, lianas. Near major active paved road separating this unit from marsh.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 21
Acreage: 5.88
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Pasture	Auto access	Trash
Deciduous	Hickory	<5m & >5m	Road		
Phanerophytes	Black locust	>5m			
Slope	Black birch	>5m			
Well drained	Black cherry	<5m			
	Pin oak	>5m			

Comments:

Red oak dominant; complex woodland species mix; regeneration mostly black cherry, hickory, red oak. Shallow soil, rock outcrops; ground is covered mostly by leaf litter; some chives, but few herbaceous species. Old abandoned road, accumulated trash.

Unit: 22
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Fern	<5m	Drainage	Auto access	
	Graminoid geophyte	<5m			
Geophytes	Rubus	<5m			
Level	Swamp white oak	>5m			
Surface water					

Comments:

Fresh water wetland community dominated by fern; also, unknown graminoid geophyte, Rubus, swamp white oak(?); some standing water, also very wet peaty soil; drainage from abandoned road leads water here; some cement drainage remnants observed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 23
Acreage: 0.07
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Day lily	<5m	Pasture		
	Jewelweed	<5m			
Geophytes	Goldenrod	<5m			
Level	Rubus	<5m			
Wet	Chives	<5m			

Comments:

Terrestrial herbaceous with perennial herbaceous geophytes. Species include: Rubus, chives, elder spp., touch-me-not, day lily, and other herbs similar to unit #1. Area drains into unit #28.

Unit: 24
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Smooth sumac	<5m & >5m	Road		Trash
Deciduous	Vines	<5m			
Lianas	Chives	<5m			
Level	Goldenrod	<5m			
Moist					

Comments:

Clonal patch of smooth sumac and liana community at transition between units 15&18. Unit lies over abandoned road, sewers and fire hydrants present; gas line was leaking. Other species: goldenrod, chives, and miscellaneous herbaceous plants.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 25
Acreage: 0.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Quarry	Auto access	Fire
Deciduous	Black cherry	<5m			Dumping
Phanerophytes	Chives	<5m			Trash
Level	Japanese knotweed	<5m			
Well drained					

Comments:

Closed deciduous forest with black locust dominant; black cherry regeneration sparse, bitternut regeneration rare. Other species: black cherry, Sassafras, Rubus, brier, goldenrod, touch-me-not, lianas, and many chives. Repeated burns in area from the dump in order to open understory. Japanese knotweed, one ornamental rose, and a few Ailanthus on northern border.

Unit: 26
Acreage: 0.40
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Bitternut hickory	>5m	Quarry	Foot traffic	Fire
Deciduous	Rubus	<5m			
Hemicryptophytes	Goldenrod	<5m			
Level	Jewelweed	<5m			
Moist	Black cherry	<5m			

Comments:

Woodland (deciduous) with bitternut hickory and pin oak; understory mostly perennial herbaceous (Solidago, (Rubus), touch-me-not) pin oak from old plantings along road (N); liana on border; also Sambucus, misc. herbs.; good wildlife; periodic fires.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 27
Acreage: 1.41
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>5m	Quarry	Foot traffic	Fire
Deciduous	Bitternut hickory	>5m			Trash
Phanerophytes	Black cherry	<5m			
Level	Perennial herbs	<5m			
Well drained	Chives	<5m			

Comments:

Closed deciduous forest: pin oak and bitternut dominant; understory is mostly open; regeneration is black cherry and bitternut; patches of day lily, sparse chives, sporadic Sambucus; sparse misc. herbs; old road along N border; lined with pin oak. Road surface cement and cobblestone now foot trail.

Unit: 28
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	>5m	Pasture	Foot traffic	Fire
Deciduous	Bitternut hickory	>5m			Trash
Phanerophytes	Black cherry	<5m			
Slope					
Well drained					

Comments:

Closed deciduous forest with Sassafras (older) important other trees: bitternut, black locust, black cherry; regeneration is black cherry, hickories phanerophytic understory (same shrubs), leaf litter accumulation, elder (Sambucus) rare; scattered chives and other misc. herbs; transition between 21 and 26.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 29
Acreage: 2.93
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Road	Foot traffic	Trash
Deciduous	Bitternut hickory	>5m	Drainage		
Phanerophytes					
Slope					
Well drained					

Comments:

Similar to # 27, but with fewer disturbance (fire) during last and 5yrs.; closed deciduous forest with black cherry and hickory dominant; understory black cherry, bitternut, dogwood, liana (poison ivy); chives sparse, miscellaneous herbs present; more disturbed than unit # 21; traces of old paved road found, some ditching (drainage?)

Unit: 30
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m	Road		
Deciduous	Bitternut hickory	>5m			
Phanerophytes					
Level					
Well drained					

Comments:

Closed deciduous forest with Ailanthus dominant. Ailanthus regeneration prominent and clonal ; also, it is spreading into unit to west. Other species: scattered chives, unknown shrubs, and miscellaneous therophytes and geophytes. Young bitternut hickory. Approximately eight meters high, present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 31
Acreage: 2.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Pasture	Auto access	
Deciduous	Hickory spp.	>5m			
Phanerophytes	Ailanthus	<5m & >5m			
Slope	Viburnum spp.	<5m			
Well drained	Red oak	<5m			

Comments:

Closed canopy deciduous forest; black cherry and bitternut hickory most prominent, same red oak. Ailanthus is scattered, especially on west side; regeneration is mostly black cherry and bitternut hickory. Other species: Viburnum, bloodroot, and other perennial geophytes. History: in 1940, area primarily 6-10" scattered oaks and hickories. Black cherry has aggressively filled the voids and Ailanthus has spread. Unit is similar to unit #29, except for Ailanthus.

Unit: 32
Acreage: 0.73
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Pasture	Auto access	Trash
Decid.w/evergreen	Bitternut hickory	<5m & >5m		Foot traffic	Fire
Phanerophytes	Mulberry spp.	>5m			
Level	White pine	>5m			
Well drained	Apple	>5m			
	Viburnum spp.	<5m			

Comments:

Closed canopy deciduous forest. Great diversity of species reflects changes in use. Dominant are black cherry, hickory, white pine, mulberry, apple; also hawthorn and willow are present. Understory consists of Viburnum, wineberry, asters, avens, chives, miscellaneous herbs, and black cherry and bitternut hickory regeneration. Unit is bordered on north and west by old roads: south and east borders are transition to meadow.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 33
Acreage: 1.71
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m	Pasture		Trash
Deciduous	Honey locust	>5m			
Hemicryptophytes	Pin oak	<5m & >5m			
Slope	Hawthorn	<5m			
Moist	Goldenrod	<5m			
	Cool season grass	<5m			

Comments:

Deciduous woodland. Other trees; crab apple, mulberry, bitternut hickory, and unknown tree (possibly a poplar). Other species: rose, bayberry, some switchgrass, and sparse amounts of mugwort, Rubus, milkweed, and smooth sumac. Also, cool season grasses here are giving way to goldenrod. Unit is a successional field with tree species invading meadow. Tree cover is about 30% with trees short and widely spaced.

Unit: 34
Acreage: 9.01
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m	Foundation	Sports	
	Chives	<5m		Foot traffic	
Hemicryptophytes					
Level					
Moist					

Comments:

Managed lawn, regularly mowed hemicryptophytic grassland consisting of both perennial and annual species. Other vegetation included cool season grasses. Leaf litter is removed; area is treeless; rock outcrop present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 35
Acreage: 0.68
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Vine	<5m	Foundation		Trash
Deciduous	Gingko	>5m			
Lianas	Sycamore maple	<5m			
Level					
Moist					

Comments:

Liana community dominant-unknown species is either poison ivy or Virginia creeper. Other species: Norway maple, some small bitternut hickory, black cherry, scattered chives, day lily, therophytes, Rubus, unknown shrub, elder, linden, rose, and white poplar regeneration. Community began in old yard area where linden died. Single large beech present, possibly European. Small group of vegetation similar to unit 36 on southern border.

Unit: 36
Acreage: 1.57
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	>5m	Foundation	Foot traffic	
Deciduous	Bitternut hickory	<5m & >5m			
Phanerophytes	Viburnum.	<5m			
Slope	Dogwood	<5m			
Moist					

Comments:

Closed deciduous forest with additional tree species of Austrian pine, sugar maple, red oak, and possible silver maple. Other vegetation includes: unknown shrubs, patches of chives, garlic mustard, some bitternut hickory regeneration, and other perennial and annual herbs. Some damage to vegetation by humans, such as twisted saplings.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 37
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	<5m & >5m		Foot traffic	Trash
Deciduous	Bitternut hickory	<5m & >5m			
Phanerophytes	Viburnum	<5m			
Level	Vines	<5m			
Moist	Swamp white oak	>5m			
	Silver maple	>5m			

Comments:

Closed deciduous forest. This area was originally a maintained, mowed woodland, but now left alone. Smaller trees and shrubs are filling open areas -- Viburnum, Norway maple, and elderberry. Also present are chives, other perennial geophytes, and abundant annual therophytes.

Unit: 38
Acreage: 0.80
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m	Foundation	Foot traffic	Trash
Deciduous	Dogwood	<5m			
Phanerophytes	Norway maple	<5m			
Level	Privet	<5m			
Moist					

Comments:

Closed canopy deciduous forest: clonal white poplar stand. Understory is phanerophytic and consists of white poplar, Norway maple, dogwood, and privet. Also present are liana, chives, garlic mustard, white wood aster, and therophytes, abundance of leaf litter. Old abandoned road through unit; dying linden and black cherry line area.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 39
Acreage: 0.35
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pine oak	>5m	Foundation	Foot traffic	Erosion
Deciduous	Black oak	>5m			
Phanerophytes	Sassafras	<5m & >5m			
Slope	Black cherry	<5m & >5m			
Moist	Dogwood	<5m			

Comments:

Closed deciduous forest. Heavy foot traffic on corridor between ball field and water. Embankment eroding, traffic keeps understory open. Understory, which is less than unit 40, consists of Sassafras, black cherry and dogwood. Therophytes and other perennials less important. Broken carpet of cool season grasses here; area was mowed in past.

Unit: 40
Acreage: 1.82
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Oak spp.	>5m	Road	Auto access	Trash
Deciduous	Norway maple	<5m & >5m		Foot traffic	
Phanerophytes	Black cherry	<5m & >5m			
Slope	White ash	<5m			
Moist	Vines	<5m			
	Sycamore maple	<5m			

Comments:

Closed deciduous forest of mixed roadside hardwoods. Other trees include pin oak, black oak, red oak, white oak, linden, willow, red maple, and sycamore or mountain maple. Regeneration of black cherry and Norway maple is more prominent in southwest portion; unit more shrubby in northeast. Unit is buffer between marsh and mowed area. Other species; white wood aster, day lily, chives, elder, Sassafras, garlic mustard, annuals and abundant patches of liana.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 41
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m	Hedgerow	Auto access	Trash
Deciduous	Black oak	>5m		Foot traffic	
Phanerophytes	Mulberry .	>5m			
Knoll	Black cherry	<5m & >5m			
Well drained	Sycamore maple	<5m			

Comments:

Closed canopy deciduous forest with phanerophytic understory; other trees include ash, linden (?) and Sassafras. Area separated from unit # 40 by foot trail and bounded by paved road on south side. Larger trees widely spaced, about thirty feet apart, with gaps filled by 5m.tall sycamore maple, black cherry regeneration, and unknown that is possibly shadbush. Ground cover consists of patches of chives and leaf litter accumulation.

Unit: 42
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m		Auto access	Trash
Decid.w/evergreen	Sweet cherry	<5m & >5m		Foot traffic	
Phanerophytes	White pine	>5m			
Slope	Ailanthus	<5m & >5m			
Moist					

Comments:

Area similar to unit 31 but for the presence of white pine. One ornamental birch and a few prunus species (not black cherry) present along the road. Ailanthus is spreading by root sprouts and is now on the other side of the road.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 43
Acreage: 0.34
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White pine	>5m	Pasture	Picnic	
Everg.w/decid	Pin oak	>5m		Auto access	
Hemicryptophytes				Foot traffic	
Slope					
Well drained					

Comments:

Closed evergreen forest with deciduous trees; mostly white pine with pin oak and red oak. Understory consists of hemicryptophytic grasses, sparse chives and much needle litter accumulation. High use area that is regularly mowed.

Unit: 44
Acreage: 0.70
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m		Auto access	
Deciduous	Black oak	>5m		Foot traffic	
Phanerophytes	White oak	>5m			
Level	Bitternut hickory	>5m			
Well drained	Black cherry	<5m & >5m			
	Rubus	<5m			

Comments:

Area similar to unit # 42 but with white and black oak. Closed deciduous forest with phanerophytic understory. Other species: aforementioned trees plus Sassafras, smooth sumac, Rubus, and chives. Abundance of leaf litter. Understory consists primarily of black cherry which receives enough side lighting in to survive in such a closed area.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 45
Acreage: 0.68
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m	Woodlot	Auto access	
Decid.w/evergreen	Black cherry	<5m & >5m			
Phanerophytes	Hickory	>5m			
Knoll	White pine	>5m			
Well drained	Ailanthus	>5m			

Comments:

Closed deciduous forest with evergreen and phanerophytic understory. Understory primarily black cherry saplings. Other species: pin oak, hickory, linden, elder, Ailanthus on the west border, Rubus, crabapple(?) chives, and other herbaceous perennials. Much leaf litter; "island" stand surrounded by road; rocky outcrop.

Unit: 46
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sycamore maple	<5m & >5m	Road	Foot traffic	
Deciduous	Mulberry	>5m			
Phanerophytes	Vines	<5m			
Level	Japanese knot	<5m			
Moist					

Comments:

Woodland with above species dominant plus other unknown small trees. Other species: sycamore maple regeneration, Japanese Knotweed, chives, garlic mustard, other perennial geophytes, and abundant annual therophytes. This is an open area on site of road and yard complex for residence. Woody understory is filling gaps except where knotweed is present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 47
Acreage: 1.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m	Hedgerow	Foot traffic	Compaction
Deciduous	Bitternut hickory	>5m	Foundation		Dumping
Hemicryptophytes	Black cherry	<5m & >5m			Trash
Level	Pin oak	>5m			
Moist	Maple sp.	>5m			

Comments:

Unit characterized by large oaks, hickories, & black cherries. Understory is kept open by heavy foot traffic between parking area, ball field and water. Bare soil on trails, some erosion; trash is abundant; concrete slabs on east side near road. Other species : cool season grasses throughout, scattered chives, garlic mustard, white wood aster, mosses, elder, and scattered black cherry regeneration. Sparse lianas kept in check by overstory shade.

Unit: 48
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Norway maple	>5m	Road	Picnic	
Deciduous	Cool season grass	<5m	Full-crown	Auto access	
Hemicryptophytes	Chives	<5m		Fireplace	
Level					
Moist					

Comments:

Full-crowned Norway maple overstory. Mowed hemicryptophytic grass understory with some geophytes. Norway maple once lined old concrete road which is still visible; area receives great use and is adjacent to parking lot.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 49
Acreage: 0.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Norway maple	>5m	Road	Foot traffic	Trash
Deciduous	White ash	<5m & >5m			
Geophytes	Vines	<5m			
Level	Ailanthus	<5m			
Moist	Mugwort	<5m			
	Rubus	<5m			

Comments:

Similar to unit 45 but without mowed lawn. Concrete road once went through unit; Norway maples lined roadside. Where maples died, ash saplings, lianas, mugwort, Rubus, Ailanthus, and black cherry appeared. Other vegetation includes garlic mustard, chives, therophytes, and occasional mosses along trail.

Unit: 50
Acreage: 1.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m	Drainage	Foot traffic	Dumping
Deciduous	Vines	<5m & >5m			Trash
Phanerophytes					
Undulating					
Moist					

Comments:

Other species: ash, Norway maple, pin oak, Rubus, elder, garlic mustard, and jewelweed. Trees being outcompeted by lianas. Footpaths through area; some ditching was done in past to dry out soil in high areas.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 51
Acreage: 0.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Hedgerow		Dumping
Deciduous	Vines	<5m & >5m			Trash
Phanerophytes	Sweetgum	>5m			
Undulating	Ailanthus	>5m			
Moist	Maple sp.	>5m			

Comments:

Similar to unit 50 but with closed canopy; lianas survive by side lighting. Soil hummocks present. Unit probably once drained or used for fill elsewhere. Other species: mulberry, scattered chives, garlic mustard and mosses.

Unit: 52
Acreage: 0.84
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Hedgerow	Wood gather	Trash
Deciduous	Black cherry	<5m & >5m		Foot traffic	
Phanerophytes					
Slope					
Moist					

Comments:

Area similar to unit 39 but less foot traffic and more understory. Other trees include: red oak, bitternut hickory, Sassafras, pin oak, unknown fruit tree, shagbark hickory, and dogwood. A few large black cherry and hickory remnant trees remain. Other species: garlic mustard, scattered chives, abundant therophytes, scattered lianas along border, some Rubus, hemicytrophytic grasses, some dandelion, and black cherry regeneration. Lianas are not a problem.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 53
Acreage: 1.40
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Road	Foot traffic	Dumping
Deciduous	Black locust	>5m			Trash
Phanerophytes	Pin oak	>5m			
Undulating	Eastern cotton	>5m			
Surface water	Vines	<5m			

Comments:

Closed deciduous forest with occasional openings in canopy. Unit has imperfect drainage due to old abandoned road construction which encircles area. Embankments built up road surface to keep it dry. Poor drainage and lianas maintain patchy tree cover.

Other species: ash, bitternut hickory, red oak, fruit tree, willow, lianas, hobblebush, Viburnum, elder, smooth sumac, Rubus, goldenrod, garlic mustard, chives, and therophytes. Unit contains fire hydrant and concrete.

Unit: 54
Acreage: 0.57
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m		Foot traffic	Trash
Deciduous	Bitternut hickory	>5m			
Phanerophytes	White ash	<5m & >5m			
Slope	Vines	>5m			
Moist					

Comments:

Unit contains many canopy openings and a few old trees. Trees invaded open area and grew in these conditions. Overstory is regular, but understory contains patchy islands of dense ash and black cherry. Other species: chives, aster, and elder, garlic mustard, willow, London plane, and mulberry.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 55
Acreage: 0.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m	Pasture	Picnic	Trash
Deciduous	Bitternut hickory	<5m & >5m		Fishing	
Hemicryptophytes	White ash	<5m & >5m		Fireplace	
Slope	Cool season grass	<5m			
Moist	Vines	<5m			
	Mugwort	<5m			

Comments:

Deciduous woodland with hemicryptophyte understory. Other trees are willow and pin oak. Other vegetation: primarily cool season grasses with mugwort, switchgrass, Rubus, and liana. Area acts as a buffer between water and forest. Mowed, either regular or occasional, keeps lianas and tree seedlings from growing. Heavy usage area; some rock outcrops; some wood cut; and picnic fire made on ground.

Unit: 56
Acreage: 0.19
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	<5m & >5m	Dump	Foot traffic	Dumping
Deciduous	Bitternut hickory	>5m			Trash
Geophytes	Mugwort	<5m			
Level	Japanese knotweed	<5m			
Moist	Sumac	<5m			

Comments:

Past usage of this area was as a dump site; stone, cement, asphalt and refuse have been dumped. Other species: mugwort, Japanese knotweed, and sumac spp.; some hemicryptophytic grasses line the foot trail.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 57
Acreage: 6.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Auto access	Dumping
	Switchgrass	<5m		Foot traffic	Trash
Geophytes	Sumac	<5m		Hunting	
Level	Goldenrod	<5m			
Wet	Rubus	<5m			

Comments:

Transitional zone around meadow complex and along roads, forest edge, and tidal shoreline. Phragmites characterizes unit; other species scattered and less abundant. Vegetation includes those listed above plus liana, black oak, elder, and hemicryptophytic grasses along roads. Two dumpsters abandoned near police academy entrance.

Unit: 58
Acreage: 0.83
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m	Road	Auto access	Trash
Deciduous	Goldenrod	<5m		Foot traffic	
Hemicryptophytes	Bayberry	<5m			
Level	Sumac	<5m			
Wet					

Comments:

Woody shrubland with species up top one meter in height. Other species: aspen saplings, some switchgrass and cool season grasses along border; sumac and bayberry present in sporadic patches. Area does not appear to be highly used.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 59
Acreage: 0.69
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>5m	Road	Picnic	Trash
Deciduous	Bitternut hickory	>5m		Auto access	
Hemicryptophytes	Sweetgum	>5m		Foot traffic	
Level	Pin oak	>5m			
Moist	White ash	<5m			
	Cool season grass	<5m			

Comments:

Residual trees along old road. Cool season grasses characterize understory. Other species: ash, goldenrod, and chives. Low usage road; picnicking in unit; good wildlife area.

Unit: 60
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	>5m	Road	Foot traffic	Dumping
Deciduous	Mugwort	<5m			Trash
Geophytes	Sumac	<5m			
Level	Phragmites	<5m			
Moist	Cool season grass	<5m			

Comments:

All black cherry trees. Inactive road through unit that once led to fishing pier/dock. Phragmites present; mugwort follows road; and hemicryptophytic grasses and bare soil on road surface.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 61
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sesame grass	<5m		Foot traffic	
	Phragmites	<5m			
Geophytes	Goldenrod	<5m			
Level	Cool season grass	<5m			
Moist	Chives	<5m			

Comments:

Patches of sesame grass in middle of tall grass meadow area. Species in order of dominance listed above.

Unit: 62
Acreage: 0.51
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m		Auto access	Trash
	Rubus	<5m		Foot traffic	
Hemicryptophytes	Sumac	<5m			
Level	Phragmites	<5m			
Moist	Switchgrass	<5m			

Comments:

Meadow unit. Phragmites borders unit on three sides. Vehicles have been driven through area; no road is present so vegetation was flattened.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 63
Acreage: 0.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m		Auto access	Trash
	Groundsel	<5m		Foot traffic	
Hemicryptophytes	Cool season grass	<5m		Fishing	
Level					
Moist					

Comments:

Unit primarily switchgrass with abundant groundsel tree. Cool season grasses follow low usage road; area is access to fishing location.

Unit: 64
Acreage: 0.55
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	<5m & >5m	Hedgerow	Picnic	Trash
Deciduous	Black cherry	>5m		Foot traffic	
Hemicryptophytes	Pin oak	<5m		Fireplace	
Level	Elderberry	<5m			
Moist	Goldenrod	<5m			
	Cool season grass	<5m			

Comments:

Unit borders police academy. Other species: switchgrass, chives, smooth sumac, and understory of cool season grasses and goldenrod. Good wildlife habitat area (tree island in grassland). Some rock outcrops present. Area used for picnicking; occasional fireplace used; people probably keep vegetation in check.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 65
Acreage: 0.99
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m			Trash
Geophytes					
Level					
Wet					

Comments:

Uniform unit of spikegrass. Area rarely receives tidal flushing; trash carried in by water. Two drainage ditches cut through unit and lead to shoreline. Soil is very wet on surface.

Unit: 66
Acreage: 0.07
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m			
	Goldenrod	<5m			
Hemicryptophytes	Phragmites	<5m			
Level	Bayberry	<5m			
Wet					

Comments:

Unit dominated by two foot tall hemicryptophytic grasses; bayberry along periphery. This area is surrounded by Phragmites that are three meters in height. Good wildlife area; low usage.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 67
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m		Hunting	
Hemicryptophytes	Phragmites	<5m			
Level	Bayberry	>5m			
Wet					

Comments:

Area differs from unit 37 in that switchgrass is dominant. Scattered Phragmites and bayberry also present.

Unit: 68
Acreage: 0.23
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Bayberry	<5m		Hunting	
Deciduous	Groundsel	<5m			
Hemicryptophytes	Cool season grass	<5m			
Level	Goldenrod	<5m			
Wet	Phragmites	<5m			

Comments:

Scrub unit ; and bayberry and groundsel tree not interlocked. Phragmites sparse. Herbaceous area of abundant hemicryptophytic grasses (2-3 ft. tall) and goldenrod in middle of Phragmites. Rare cattails on southern border. Good wildlife area. Hunting reported.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 69
Acreage: 0.10
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Fern	<5m		Auto access	
	Graminoid geophyte	<5m		Foot traffic	
Hemicryptophytes	Phragmites	<5m		Hunting	
Level	Elderberry	<5m			
Wet	Groundsel tree	<5m			

Comments:

Unit dominated by fern. Also present, graminoid geophyte, groundsel tree, and miscellaneous herbaceous geophytes.

Unit: 70
Acreage: 0.99
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sweetgum	>5m		Auto access	
Deciduous	Elderberry	<5m		Foot traffic	
Hemicryptophytes	Goldenrod	<5m		Hunting	
Level	Oak sp.	>5m			
Moist	Chives	<5m			
	Sumac	<5m			

Comments:

Sweetgum trees in clusters. Other vegetation includes: abundant white wood aster, two patches of sumac, strawberry, dogwood, and other herbaceous perennials. Goldenrod is present throughout; some patches bare of vegetation under sweetgum cluster. Excellent wildlife habitat; police academy guard reports woodchucks and raccoon in area.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 71
Acreage: 0.91
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sweetgum	>5m	Road	Auto access	Dumping
Deciduous	Black cherry	<5m & >5m		Foot traffic	Trash
Phanerophytes	Pin oak	>5m			
Level	Vines	<5m			
Moist					

Comments:

Complex unit in terms of species diversity and spatial distribution; area is unique from surrounding woodland because of liana. Other species: ash, elder, bayberry, Viburnum, dogwood, crabapple, black locust, mugwort, black tupelo, chives, hemicryptophytic grasses, goldenrod, garlic mustard, Rubus, plantain, strawberry, and other perennial herbaceous geophytes. Road goes through unit.

Unit: 72
Acreage: 1.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	<5m & >5m	Road	Wood gather	Trash
Deciduous	Bitternut hickory	<5m & >5m			
Phanerophytes	Black cherry	<5m & >5m			
Level	Viburnum	<5m			
Moist	Bayberry	<5m			
	Elderberry	<5m			

Comments:

Other species: birch spp., eastern cottonwood, white poplar, Ailanthus, smooth sumac, liana, chives, goldenrod, strawberry, garlic mustard and other perennial herbaceous geophytes.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 73
Acreage: 0.47
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		Auto access	Trash
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Quaking aspen	<5m & >5m			
Level	Sweetgum	>5m			
Moist	Elderberry	<5m			

Comments:

Unit has more closed canopy than unit 74; important species different. Area along road to academy. Other species: ash, pin oak, Viburnum, bayberry, goldenrod, chives, garlic mustard, mulberry, Solomon's seal, rose, strawberry, and other herbs.

Unit: 74
Acreage: 1.76
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sweetgum	<5m & >5m	Road	Auto access	Dumping
Deciduous	Bayberry	<5m		Foot traffic	Trash
Phanerophytes	White ash	<5m			
Level	Pin oak	<5m & >5m			
Moist	Bitternut hickory	<5m & >5m			
	Eastern cottonwood	<5m			

Comments:

Complex species diversity. Sweetgum more common in north of unit; pin oak and bitternut hickory in south. Other species eastern cottonwood, elder, some liana, goldenrod, chives, garlic mustard, red oak, mugwort, sumac spp., and Viburnum.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 75
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Goldenrod	<5m	Road	Auto access	Trash
Deciduous	Swamp rose	<5m		Foot traffic	
Hemicryptophytes	Rubus	<5m			
Level	Elderberry	<5m			
Moist	Bayberry	<5m			
	Vines	<5m			

Comments:

Shrubland unit. Other species: sweetgum, goldenrod, common milkweed, chives, dogbane (?), some switchgrass, plantain-like herb, and hemicryptophytic grasses along little-used road.

Unit: 76
Acreage: 0.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Mugwort	<5m	Road	Auto access	Dumping Trash
Geophytes					
Level					
Well drained					

Comments:

Unit contains garbage dump and road ; area consists of bare, sandy soil and fill, compost leaves, and refuse. Heavy vehicles use the road. Scattered vegetation on periphery is primarily mugwort plus some crabgrass, little bluestem, two London plane trees, and some hemicryptophytic grasses.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 77
Acreage: 3.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m	Quarry	Auto access	Trash
	Wild strawberry	<5m			
Hemicryptophytes	Swamp rose	<5m			
Level	Apple	<5m			
Wet					

Comments:

Unit characterized by herbaceous perennials, scattered trees over five meters and shrubs under five meters and shrubs under five meters. Area mowed in last 5-6 years. Old pasture area which was scraped for beach construction (landfill). Soil is shallow and wet; area along road to dump.

Unit: 78
Acreage: 0.19
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m		Foot traffic	
Deciduous	Sweetgum	>5m			
Chamaephytes	Cherry spp.	>5m			
Level	Bayberry	<5m			
Moist	Cool season grass	<5m			

Comments:

Woodland with bayberry, hemicryptophytic grasses and perennial herbaceous geophytes and some bare soil. Other species: ash, birch, pin oak, red oak, crab apple, smooth sumac, Rubus, goldenrod, switchgrass, little bluestem, fall aster, plantain or mullein and sparse amounts of dogbane, thistle, strawberry and mosses.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 79
Acreage: 1.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m		Foot traffic	Trash
Deciduous	Red oak	>5m			
Phanerophytes	White ash	<5m			
Knoll	White oak	>5m			
Well drained	Pin oak	>5m			
	Mulberry	>5m			

Comments:

Unit near main road and traffic circle. Understory includes: black cherry, buckthorn, Norway maple, white ash, sweetgum, and unknown fruit tree. Other species: garlic mustard, jewelweed, chives, cool season grasses, and some liana, Rubus, and rose.

Unit: 80
Acreage: 2.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Foot traffic	Trash
	Switchgrass	<5m			
Hemicryptophytes	Little bluestem	<5m			
Knoll					
Excess drained					

Comments:

Diverse species unit; herbaceous plants surrounding rock outcrop. Other species : goldenrod, rose, sesame grass, mosses, black cherry, pin oak, smooth sumac, crab apple, bayberry, warm season grasses, milkweed, and other perennial herbs.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 81
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Foot traffic	Trash
	Switchgrass	<5m			
Hemicryptophytes	Goldenrod	<5m			
Level	Bayberry	<5m			
Well drained					

Comments:

This small unit differs from surrounding units because of predominant cool season grasses and fewer clumps of switchgrass. Area was probably scraped for beach fill in 1939. Small trail through unit.

Unit: 82
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m		Foot traffic	Trash
Deciduous	Black cherry	>5m			
Phanerophytes	Sumac	<5m			
Knoll	Cool season grass	<5m			
Well drained	Chives	<5m			
	Goldenrod	<5m			

Comments:

Woodland on rock outcrops. Poor shallow soil restricts unit's ability to support vegetation. Other species : plantain, little bluestem, sesame grass, and a small patch of day lily.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 83
Acreage: 0.61
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m	Road	Auto access	
	English plantain	<5m			
Hemicryptophytes	Perennial herb	<5m			
Level					
Moist					

Comments:

Other species: Queen Anne's lace, chives, mugwort, dandelion, plantain, goldenrod, fall aster, nettle, mullein, and unknown grass.
 Trees include Siberian elm (?), London planetree, honey locust, and Sophora.

Unit: 84
Acreage: 0.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m		Auto Access	Fire
	Wild strawberry	<5m			Trash
Hemicryptophytes	Swamp rose	<5m			Dumping
Level	Goldenrod	<5m			
Moist	Cool season grass	<5m			
	Rubus	<5m			

Comments:

Unit on edge of dump and meadow and has received heavy past and recent disturbances. Leaf compost was removed recently.
 Soil rutted from saw equipment. Other species: bayberry, mosses, day lily, swamp aster, and hemicryptophytic grasses.

Pelham Bay Park Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 85
Acreage: 0.60
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m	Road	Auto Access	Fire
	Chives	<5m		Foot traffic	Trash
Hemicryptophytes	Rubus	<5m			
Level					
Moist					

Comments:

Forest border perennial geophytic herbaceous community; transition unit between meadow and closed forest. Some liana present; possible cat brier. Vehicular traffic is accessible but rare. Past fire history.

Unit: 86
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Foot traffic	Trash
	Rubus	<5m			
Chamaephytes	Goldenrod	<5m			
Level	Jewelweed	<5m			
Moist					

Comments:

Tall grass steppe with woody shrubs. Area differs from unit 57 in that it is a dense patch of Phragmites and Rubus.

Pelham Bay Park Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 87
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m			
	Rubus	<5m			
Hemicryptophytes	Cool season grass	<5m			
Level	Switchgrass	<5m			
Surface water	Phragmites	<5m			

Comments:

Unit primarily herbaceous with some grasses; mixture of meadow species; surrounding wet area. Other species: strawberry, bog moss, chives, common milkweed, and swamp rose.

Unit: 88
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sesame grass	<5m			Fire
	Switchgrass	<5m			
Geophytes	Goldenrod	<5m			
Level	Bayberry	<5m			
Moist					

Comments:

Mid-grass steppe with scattered herbaceous geophytes. Only a few bayberry present. This unit is different from others with sesame grass in that a species mixture is present (not only sesame grass--possible successional stage). Other vegetation: Indian grass, panic grass and strawberry.

Pelham Bay Park Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 89
Acreage: 1.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sesame grass	<5m			Fire
	Goldenrod	<5m			
Hemicryptophytes	Switchgrass	<5m			
Level	Common milkweed	<5m			
Wet					

Comments:

Uniformly covered by sesame grass. Switchgrass, goldenrod, Rubus, and bayberry present as only minor components. Excavations in 1938 created conditions of shallow soil and high water table. Occasional fires.

Unit: 90
Acreage: 0.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			Trash
	Switchgrass	<5m			
Geophytes					
Knoll					
Excess drained					

Comments:

Predominantly Phragmites and switchgrass. Sparse herbaceous perennial geophytes and cool season grasses. Sandy soil on top of wetland soil. Phragmites is rooted in wetland soil.

Pelham Bay Park Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 91
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Foot traffic	Trash
Geophytes					
Level					
Moist					

Comments:

Unit primarily Phragmites. Sparse amounts of Rubus, elder, and chives. Less switchgrass than unit 90.

Unit: 92
Acreage: 0.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m		Foot traffic	Trash
	Rubus	<5m			
Hemicryptophytes	Common mullein	<5m			
Level	Chives	<5m			
Moist					

Comments:

Other species: cool season grass, black walnut, pin oak, and ash.

Pelham Bay Park Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 93
Acreage: 0.80
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m	Road	Foot traffic	Trash
Hemicryptophytes	Goldenrod	<5m			
Level					
Moist					

Comments:

Area similar to unit 92, but more recently mowed. Infrequent mowing encourages goldenrod. Ground vegetation includes: chives, thistle, nettle, dandelion, mugwort, English plantain, switchgrass, yarrow, and numerous four year old ash saplings.

Unit: 94
Acreage: 1.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m		Foot traffic	Trash
	Goldenrod	<5m			
Hemicryptophytes	Cool season grass	<5m			
Level					
Moist					

Comments:

Clumps of switchgrass mixed with cool season grasses; herbaceous species intermixed. Sandy soil layer along shoreline side of unit.

Pelham Bay Park Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 95
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. herb	Switchgrass	<5m			Fire
	little bluestem	<5m			
Hemicryptophytes	Cool season grass	<5m			
Level					
Moist					

Comments:

Mid grass steppe. Unit follows contour of rock outcrop (unit 88) intermediate in soil moisture. Other species: goldenrod, strawberry, Indian grass, sparse swamp rose, river birch (?), pin oak, black cherry, crab apple, and American elm.

Unit: 96
Acreage: 0.33
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sesame grass	<5m			Fire
	Switchgrass	<5m			
Geophytes	Bayberry	<5m			
Level					
Moist					

Comments:

Mid grass steppe with shrubs; similar to unit 88. Other species: milkweed, goldenrod, swamp mallow, and cool season grasses. Area occasionally burned.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 97
Acreage: 0.81
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m			Fire
Hemicryptophytes					
Level					
Wet					

Comments:

Tall grass steppe similar to unit 98, but it is wetter and with taller, more abundant switchgrass. Soil is very sensitive to vehicular composition; auto tire tracks form minor drainage network. Area occasionally burned. Sparse amounts of goldenrod, strawberry, bog moss, and unknown wetland perennial geophyte.

Unit: 98
Acreage: 1.47
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m			Fire
	Wild strawberry	<5m			
Hemicryptophytes	Goldenrod	<5m			
Level					
Moist					

Comments:

Mid grass steppe with perennial herbs. Area drier than unit 97; switchgrass more scattered and short. Other species: cool season grasses, common milkweed, sesame grass, Indian grass, bog moss, bayberry, Rubus, smooth sumac, mint and unknown wetland perennial geophyte.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 99
Acreage: 0.83
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. herb	Goldenrod	<5m			Fire
	Cool season grass	<5m			
Hemicryptophytes	Wild strawberry	<5m			
Level	Bayberry	<5m			
Wet	Sumac sp.	<5m			

Comments:

Unit is a meadow; shrub community surrounded by forest. Vegetation: herbaceous geophytes with some chamaephytes. Other species: common milkweed, switchgrass, Phragmites, chives, jewelweed, swamp rose, day lily, crab apple, Viburnum, pin oak, and elm.

Unit: 100
Acreage: 0.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m			Fire
Hemicryptophytes					
Level					
Wet					

Comments:

Tall grass steppe consisting primarily of tall wild switchgrass. Other species: cool season grasses, milkweed, wild strawberry, evening primrose, Phragmites, bog moss, swamp rose, Viburnum. Soil is wet and poorly drained.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 101
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
	Switchgrass	<5m			
Geophytes	Snapdragon	<5m			
Level	Rubus	<5m			
Surface water					

Comments:

Tall grass wetland with Phragmites on hummocks between wet depressions. Other vegetation includes switchgrass, and Rubus. Small patch of Phragmites surrounded by switchgrass and meadow.

Unit: 102
Acreage: 0.52
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m			Fire
Hemicryptophytes					
Level					
Surface water					

Comments:

Mid grass steppe of switchgrass which is dense and high on wet soil. Soil is wetter here than unit 103. Scattered shrubs include bayberry, willow, pin oak, Rubus, and birch species. Sparse ground vegetation includes cool season grasses, bogmoss, milkweed, violet.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 103
Acreage: 2.55
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m			Fire
	Strawberry, wild	<5m			
Hemicryptophytes	Cool season grass	<5m			
Level					
Moist					

Comments:

Mid grass steppe with switchgrass predominating. Drainage is poor, but soil is drier than adjacent unit 102; this results in shorter and less dense grasses. Other vegetation present in lesser amounts: cool season grasses, wild strawberry, common milkweed, goldenrod, Indian grass, clover, sesame grass. Woody species include: bayberry, Rubus, smooth sumac, swamp rose, Viburnum, rose, willow, black cherry, birch, pin oak, and alder.

Unit: 104
Acreage: 0.44
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Strawberry, wild	<5m			Fire
	Bayberry	<5m			
Hemicryptophytes	Switchgrass	<5m			
Level					
Moist					

Comments:

Unit of forb meadow with some shrubs. Ground vegetation is primarily wild strawberry, swamp rose, and bayberry; switchgrass is scattered throughout, and also some goldenrod and milkweed present. Woody species includes Rubus and two species of viburnum. Unit is slightly higher and better drained than surrounding units.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 105
Acreage: 1.47
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m		Fireplace	
Deciduous					
Phanerophytes					
Level					
Moist					

Comments:

Mid-aged, clonal white poplar stand at meadow's edge. Mortality is beginning to occur, but understory is open due to overstory shading. Ground cover consists of Viburnum, elderberry, goldenrod, chives, wild strawberry, woodland ragweed, honeysuckle, and cool season grasses.

Unit: 106
Acreage: 1.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m		Foot traffic	
Deciduous	Viburnum spp.	<5m			
Phanerophytes	Greystem dogwood	<5m			
Level	Chives	<5m			
Moist	Cool season grass	<5m			
	Redstem dogwood	<5m			

Comments:

Dense white poplar clonal patch. Western half contains two species of dense dogwood and Viburnum shrubs; eastern side is primarily open with chives and cool season grasses.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 107
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Blackberry	<5m & >5m		Auto traffic	Fire
Deciduous	White poplar	<5m & >5m		Foot traffic	Trash
Phanerophytes	Mulberry spp.	>5m			
Level	Black walnut	>5m			
Moist	Sumac sp.	<5m			
	Elderberry	<5m			

Comments:

Closed forest between two white poplar patches; black cherry and white poplar invaded previous sumac patch. Other species: Viburnum, bayberry, chives, day lily, moss, and other perennial geophytes. Ground cover is sparse.

Unit: 108
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Bayberry	<5m	Road	Auto access	Fire
Deciduous	Sumac sp.	<5m		Foot traffic	
Phanerophytes	Rubus	<5m			
Level	Switchgrass	<5m			
Moist	Goldenrod	<5m			

Comments:

Bayberry scrub land that is suffering mortality possibly due to fire. Herbaceous geophytes and graminoid Hemicryptophytes present. Other sparse ground cover includes yarrow, wild strawberry, black cherry, sesame grass, mustard, mint, and moss. Unit was probably an old field.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 109
Acreage: 0.83
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Japanese knot weed	<5m			Fire
Geophytes	Black cherry	<5m			Dumping
Level					Trash
Moist					

Comments:

Patch of dense Japanese knotweed; few other species present, including chives, cool season grasses, and some day lily. Much of unit was burned recently (1985).

Unit: 110
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	>5m		Foot traffic	Fire
Deciduous	Pin oak	>5m			Trash
Geophytes	Black cherry	>5m			
Level	Japanese knotweed	<5m			
Moist	Chives	<5m			
	Viburnum spp.	<5m			

Comments:

Unit of black locust with dense Japanese knotweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 111
Acreage: 0.63
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sesame grass	<5m			Fire Trash
Geophytes					
Level					
Moist					

Comments:

Mid grass steppe without woody species; dominant in sesame grass, but with less rhizome development than in unit 89. Other species: switchgrass, cool season grass, milkweed, goldenrod, and moss.

Unit: 112
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m			Fire
	Bayberry	<5m			
Hemicryptophytes	Cool season grass	<5m			
Level					
Moist					

Comments:

Mid grass steppe with shrubs; species listed above plus: swamp rose, ash, evening primrose, and cinquefoil.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 113
Acreage: 0.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Bayberry	<5m			Fire
Deciduous	Graystem dogwood	<5m			
Phanerophytes	Viburnum spp.	<5m			
Undulating	Rubus	<5m			
Moist	Sumac sp.	<5m			
	Cool season grass	<5m			

Comments:

Transitional unit between forest and meadow. Vegetation is primarily bayberry, grey-stem dogwood, Viburnum, Rubus, sumac, and hemicryptophytic herbs; there is also switchgrass, cool season grasses, wild strawberry, milkweed, and thallophytes. Rock outcrop present.

Unit: 114
Acreage: 0.65
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	>5m	Road	Auto access	Fire
Deciduous	Goldenrod	<5m	Drainage		
Hemicryptophytes	Chives	<5m			
Level					
Moist					

Comments:

Predominantly black cherry with herbaceous geophytic understory. Other species: Rubus, milkweed, black walnut, periwinkle, pin oak, switchgrass, little bluestem, sumac, some rare sensitive fern, sesame grass, and red pine. Storm sewer indicates road once went through unit; pile of large rocks is possible corner boundary of field/pasture.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 115
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White poplar	<5m & >5m		Foot traffic	Trash
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Sweetgum	>5m			
Level	Buckthorn	<5m			
Moist	Sumac sp.	<5m			
	Goldenrod	<5m			

Comments:

A successional forest edge community between two poplar patches. Goldenrod is present. Other species: Viburnum, bayberry, Rubus, moss, chives, and cinquefoil.

Unit: 116
Acreage: 0.73
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Foot traffic	Fire
Deciduous	Viburnum spp.	<5m			Trash
Phanerophytes	Elderberry	<5m			
Level	White ash	<5m			
Moist	Chives	<5m			

Comments:

Black locust stand with shrub understory and abundant chives. Other species: white poplar, cool season grass, sensitive fern, Rubus and other perennial herbaceous geophytes.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 117
Acreage: 1.66
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m		Foot traffic	Trash
Deciduous	Black cherry	<5m			
Phanerophytes	Day lily	<5m			
Level	Garlic mustard	<5m			
Moist	Honeysuckle sp.	<5m			

Comments:

White poplar clonal patch, older than unit 106. Understory is mostly open with black cherry and white poplar saplings; ground cover consists of day lily, honeysuckle, chives, and garlic mustard.

Unit: 118
Acreage: 1.03
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m	Road	Foot traffic	Trash
Deciduous	Black cherry	<5m & >5m	hydrant		
Phanerophytes	Eastern cottonwood	>5m			
Level	Viburnum spp.	<5m			
Moist	Rose multiflora	<5m			
	Rubus	<5m			

Comments:

Woodland between old fields and along road intersection. Great species diversity includes those listed above plus white ash, pin oak, London planetree, bitternut hickory, red pine, American elm, white poplar, grey birch, crab apple, elder, and some lianas. Ground vegetation consists of : day lily, goldenrod, jewelweed, chives, sensitive fern, and other herbaceous perennials.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 119
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m	Road	Foot traffic	Trash
	Goldenrod	<5m			
Hemicryptophytes	Rubus	<5m			
Level	Cool season grass	<5m			
Moist					

Comments:

Mid grass steppe without woody plants; area along a footpath capable of supporting vehicles. Sparse ground species include: dandelion, milkweed, rhubarb, and mustard.

Unit: 120
Acreage: 2.63
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m	Road	Foot traffic	Fire
	Rubus	<5m			Trash
Hemicryptophytes	Sumac	<5m			
Level	Cool season grass	<5m			
Moist	Pin oak	>5m			
	Black walnut	<5m			

Comments:

Herbaceous meadow with scattered trees providing less than 10% cover. Goldenrod dominant; other herbaceous species include mustard, chives, jewelweed, mugwort (along trails), switchgrass, and cool season grass. Woody vegetation consists of pin oak, black walnut, bitternut hickory, red pine, bayberry, wild strawberry, milkweed, little bluestem, elder spp. Sumac, and Rubus. Unit is buffer between forest and shoreline; trails have compacted bare soil.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 121
Acreage: 0.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Foot traffic	
Geophytes	Switchgrass	<5m			
Slope					
Moist					

Comments:

Tall grass steppe without woody plants. Phragmites dominant; some switchgrass. Also, goldenrod and day lily are present on the periphery. Unit bordered by trail.

Unit: 122
Acreage: 0.43
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Willow spp.	>5m		Foot traffic	Trash
Deciduous	Black cherry	>5m			
Hemicryptophytes	Pin oak	>5m			
Level	Ailanthus	>5m			
Moist	Rubus	<5m			
	Goldenrod	<5m			

Comments:

Area similar to unit 120, but without trees. Other trees: willow, black cherry, pin oak, Ailanthus, crab apple, and one black walnut sapling. Ground cover consists of goldenrod, chives, rose, mustard, rhubarb, elder spp., cool season grasses. There is no Ailanthus regeneration. Trail of compacted soil present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 123
Acreage: 6.01
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	>5m	Hedgerow		
Deciduous	Black cherry	<5m	full crown		
Phanerophytes	White ash	<5m	exotics		
Level					
Moist					

Comments:

Dominant white poplar overstory with black cherry, white ash, and bitternut hickory; some white poplar regeneration in understory. Sycamore maple present in southeast corner and on an old roadbed. About six large trees of Norway maple and white ash line the old roadbed. Other species: elder, cinquefoil, vine, honeysuckle, day lily, jewelweed, chives, goldenrod, sensitive fern, and mugwort (in southeast corner). Also, a gas line is leaking in the southeast corner of unit.

Unit: 124
Acreage: 0.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White poplar	>5m	Hedgerow	Wood gather	Trash
Deciduous	Japanese knotweed	<5m		Foot traffic	
Geophytes	Black cherry	>5m			
Level					
Moist					

Comments:

Japanese knotweed present in small opening in white poplar canopy where mortality occurred; dead, fallen poplar was cut and removed. Other species: black cherry, jewelweed, and sparse chives.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 125
Acreage: 0.34
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Japanese knotweed	<5m			Trash
Geophytes	White poplar	>5m			
Level					
Moist					

Comments:

Dense Japanese knotweed in clearing created by white poplar mortality; herbaceous forbs present. Many white poplar stems have fallen; northern section is more open and free of poplar.

Unit: 126
Acreage: 1.59
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sweetgum	>5m		Fireplace	Trash
Deciduous	White ash	>5m			
Phanerophytes	Willow spp.	>5m			
Level	White poplar	<5m			
Moist	Black cherry	>5m			
	Rubus	<5m			

Comments:

Woodland. Non-poplar transition between white poplar patch and meadow/clearing. Species listed above plus eastern cottonwood, Viburnum, sumac, and elder. Ground cover consists of goldenrod, day lily, chives, jewelweed, and sensitive fern.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 127
Acreage: 0.49
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	<5m & >5m		Auto Access	Trash
Decid.w/evergreen	White pine	>5m		Foot traffic	
Phanerophytes	Black cherry	<5m & >5m			
Level	Sweetgum	>5m			
Well drained	American elm	>5m			

Comments:

Area similar to unit 128, except it is closed canopy. Many species create a roadside buffer: those listed above plus ash, grey-stem dogwood, Rubus, buckthorn, fruit tree, royal Paulownia, and bitternut hickory. Ground vegetation contains jewelweed, goldenrod, and chives.

Unit: 128
Acreage: 2.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m	Hedgerow	Auto access	Trash
Decid.w/evergreen	White pine	>5m		Foot traffic	
Phanerophytes	White ash	<5m & >5m			
Level	Black walnut	>5m			
Well drained	Mulberry	>5m			
	Black cherry	<5m & >5m			

Comments:

Nearly closed canopy mixed woodland that buffers road and old residence entrance. Other species: Rubus, elder, Viburnum, unknown shrub, bitternut hickory, and one Ailanthus on the southeast side. Also, jewelweed, chives, goldenrod, and garlic mustard dominate the ground cover.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 129
Acreage: 0.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m		Foot traffic	
Deciduous					
Phanerophytes					
Level					
Moist					

Comments:

Young white poplar stand along drainage ditch from meadow. Mowing was discontinued in this unit; species include cool season grasses and chives.

Unit: 130
Acreage: 0.51
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m	Hedgerow	Auto access	
Deciduous	Black cherry	<5m		Foot traffic	
Phanerophytes	White ash	<5m			
Level	Chives	<5m			
Well drained	Jewelweed	<5m			

Comments:

Dominant black locust. Also black cherry, white ash, Norway maple, and elder. Ground cover consists of chives, jewelweed, day lily, may apple, and ash, and black cherry regeneration.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 131
Acreage: 0.34
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>5m		Foot traffic	
Decid.w/evergreen	Black cherry	<5m & >5m			
Geophytes	Bitternut hickory	<5m & >5m			
Level	Scotch pine	>5m			
Well drained					

Comments:

Closed forest of large pin oak, bitternut hickory, and scotch pine, also, ash, black cherry, and bitternut hickory regeneration. Ground cover is relatively open with chives, jewelweed, and garlic mustard. Viburnum is also present.

Unit: 132
Acreage: 0.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sugar maple	>5m	Hedgerow	Auto access	
Decid.w/evergreen	Pin oak	>5m		Foot traffic	
Geophytes	White ash	>5m			
Level	White pine	>5m			
Well drained					

Comments:

Hedgerow along old road; understory is open. Other species: elder, chives, garlic mustard, and jewelweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 133
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m		Foot traffic	
Deciduous	Black cherry	>5m			
Therophytes	Bitternut hickory	<5m & >5m			
Level	Rubus	<5m			
Well drained	Jewelweed	<5m			
	Chives	<5m			

Comments:

Small woodland group similar to units 128 and 131. Understory is relatively open. Other species: elder, ash, Solomon's seal, day lily, and garlic mustard.

Unit: 134
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Viburnum	<5m			
Deciduous	Elderberry	<5m			
Phanerophytes	Pin oak	>5m			
Level	Rubus	<5m			
Moist	Chives	<5m			

Comments:

Tall shrub patch surrounded by woodland and closed forest. Ground vegetation includes jewelweed and sensitive fern.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 135
Acreage: 0.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Japanese knotweed	<5m			
Geophytes					
Level					
Moist					

Comments:

Predominantly Japanese knotweed that extends to black locust in unit 116. Unit border consists of Rubus, black locust, goldenrod, and chives.

Unit: 136
Acreage: 0.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Graystem dogwood	<5m			
Deciduous	White ash	>5m			
Phanerophytes	Viburnum	<5m			
Level					
Moist					

Comments:

Dense, ten foot tall grey-stem dogwood patch with Viburnum. Also, white ash present. Sparse ground cover includes: chives, day lily, sensitive fern, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 137
Acreage: 0.81
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Gray birch	>5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Eastern cottonwood	>5m			
Level	Pin oak	>5m			
Moist	Day lily	<5m			
	Jewelweed	<5m			

Comments:

Diverse tree species in unit include shagbark hickory, horse chestnut, black oak, white poplar and Sassafras; understory similar to unit 114.

Unit: 138
Acreage: 5.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m	Road		
Deciduous	Black cherry	<5m & >5m			
Phanerophytes					
Level					
Moist					

Comments:

Mostly white poplar stand resulting from roadside planting. Mortality is increasing, encouraging cherry regeneration. Unit was historically pasture and cement.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 139
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Norway maple	>5m	Road	Foot traffic	
Deciduous	American elm	>5m	Full crown		
Therophytes	Black cherry	<5m & >5m	Exotics		
Level	White ash	<5m			
Moist	White poplar	<5m			
	Jewelweed	<5m			

Comments:

White poplar stand with small patches of large elm and Norway maple. Some small pioneer trees present, but ground mostly open with small areas of jewelweed and day lily predominant. Cement roadbed remains.

Unit: 140
Acreage: 1.58
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	>5m		Foot traffic	
Deciduous	Sycamore maple	<5m & >5m			
Phanerophytes	White ash	<5m & >5m			
Level					
Moist					

Comments:

Maturing white poplar overstory; dominant sycamore maple understory, but some white ash, black cherry, and Norway maple saplings present. Sparse ground cover includes: jewelweed, chives, day lily, and garlic mustard.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 141
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sycamore maple	<5m & >5m		Foot traffic	
Deciduous	White poplar	>5m			
Phanerophytes					
Level					
Moist					

Comments:

Dense sycamore maple under old dying white poplar; two layers of sycamore maple present. Taller sycamore maple here than in unit 140. Sparse ground cover consists of day lily and liana about one inch long. Footpath on northern boundary receives little traffic; large white poplar has fallen over trail.

Unit: 142
Acreage: 0.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sycamore maple	<5m & >5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Viburnum	<5m			
Level	White ash	<5m & >5m			
Moist					

Comments:

Dense sycamore maple with other non-white poplar hardwoods. Sycamore maple has apparently extended its range beyond white poplar. Ground cover includes scattered day lily, chives, and long lianas.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 143
Acreage: 0.82
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	<5m & >5m	Road	Foot traffic	
Deciduous	Linden	>5m	Hedgerow		
Phanerophytes	White ash	<5m & >5m	Full crown		
Level	Black cherry	<5m & >5m			
Moist	Day lily	<5m			
	Slippery elm	<5m			

Comments:

Hedgerow along intersection of two abandoned roads. Foot traffic is light, indicating low use.

Unit: 144
Acreage: 0.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	White ash	>5m			
Phanerophytes	Black cherry	<5m & >5m			
Level	Willow	<5m			
Moist	Viburnum	<5m			
	Elderberry	<5m			

Comments:

Predominantly black locust with some white ash and black cherry. Understory contains irregular patches of Viburnum and open areas of chives, jewelweed, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 145
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m			
Deciduous	Sycamore maple	>5m			
Geophytes	White ash	>5m			
Level	Black locust	>5m			
Moist	Pin oak	>5m			
	Black cherry	>5m			

Comments:

Ailanthus component with some sycamore maple; also present are grey birch, elder, goldenrod, jewelweed, chives, and other perennial herbaceous geophytes. Understory mostly herbaceous.

Unit: 146
Acreage: 0.60
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Eastern cottonwood	>5m			
Deciduous	Sycamore maple	>5m			
Phanerophytes	Viburnum	<5m			
Level	White ash	>5m			
Moist	Pin oak	>5m			
	Day lily	<5m			

Comments:

Overstory consists of sycamore maple and ash with tall eastern cottonwoods. Also, sweetgum, black locust, and pin oak are present. Understory contains day lily, chives, jewelweed, and Viburnum.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 147
Acreage: 0.50
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m			
Decid.w/evergreen	Balsam poplar	<5m & >5m			
Phanerophytes	Pin oak	>5m			
Level	Black oak	>5m			
Moist	Red pine	>5m			

Comments:

Intrusion of white poplar into area with other primarily hardwood trees; unit in transition to poplar patch. Other trees: black cherry, ash, white poplar, and sycamore maple. Ground cover is jewelweed and day lily.

Unit: 148
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>5m	Road	Foot traffic	
Deciduous	Black cherry	<5m & >5m	Hedgerow		
Geophytes	Black walnut	>5m			
Level	Bitternut hickory	>5m			
Well drained					

Comments:

Hedgerow along abandoned road; light foot traffic; old roadbed is slightly elevated. Understory is relatively open and is dominant in jewelweed. Also present are day lily, honeysuckle, and some white poplar.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 149
Acreage: 0.33
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Jewelweed	<5m	Road		
	Cool season grass	<5m	Hedgerow		
Hemicryptophytes	Black walnut	<5m & >5m	Fireplace		
Level	Chives	<5m			
Moist	Day lily	<5m			
	Burdock	<5m			

Comments:

Open area with few black walnut trees along abandoned road. Other species: garlic mustard, elder, and Rubus. Site of small shed on northern end of unit.

Unit: 150
Acreage: 1.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	>5m	Road	Foot traffic	
Deciduous	Black cherry	>5m			
Phanerophytes	Gray birch	>5m			
Slope	Sassafras	<5m			
Moist					

Comments:

Young hardwood stand of bitternut hickory, black cherry, Sassafras, grey birch, and an unknown maple (silver?). Ground cover is dominant in day lily; also garlic mustard and jewelweed present. Abandoned road goes through unit.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 151
Acreage: 1.34
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Road		
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	White ash	<5m			
Level	Viburnum	<5m			
Well drained	Rose multiflora	<5m			
	Vines	<5m			

Comments:

Black locust overstory with Viburnum and rose understory. Other species: white ash, black cherry, lianas, Ailanthus, large eastern cottonwood, elder, honeysuckle, jewelweed, chives, and day lily. Understory is dense and difficult to penetrate; there is an old road on the west side of unit.

Unit: 152
Acreage: 0.83
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m			
Deciduous	Black cherry	<5m			
Phanerophytes					
Level					
Well drained					

Comments:

Predominant black locust overstory with abundant black cherry regeneration; scattering of Viburnum, elder, and black oak. Shrub understory not as dense as unit 151. Ground cover consists of jewelweed, day lily, chives, and honeysuckle.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 153
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m	Road		Dumping
Deciduous	Black cherry	<5m & >5m	Hedgerow		
Phanerophytes	White ash	<5m			
Level	Black locust	>5m			
Well drained	Viburnum	<5m			
	Sycamore maple	<5m			

Comments:

Possibly old temporary dump site with old Ailanthus. Black cherry and white ash regeneration; several Viburnum clusters. Unit along abandoned road. Predominant day lily ground cover with jewelweed, chives and other perennial herbs.

Unit: 154
Acreage: 0.46
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White ash	<5m & >5m	Road	Fireplace	Trash
Deciduous	Red maple	>5m	Hedgerow		
Phanerophytes	Shagbark hickory	>5m			
Level	Pin oak	>5m			
Moist	Black cherry	<5m & >5m			
	Viburnum	<5m			

Comments:

Hedgerow trees from abandoned road; aforementioned species plus horse chestnut, eastern cottonwood, black locust, Norway maple, and mulberry. Other species: honeysuckle, Rubus, privet, Viburnum, chives, jewelweed, day lily, periwinkle, and sensitive fern.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 155
Acreage: 0.85
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m			
Deciduous	Viburnum	<5m			
Phanerophytes	Black locust	>5m			
Level	Honeysuckle	<5m			
Well drained					

Comments:

Predominantly black cherry overstory with dense Viburnum understory. Other species: occasional white ash, elder, Rubus, some Virginia creeper, jewelweed, chives, and other herbs.

Unit: 156
Acreage: 0.97
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	White ash	<5m			
Level	Viburnum	<5m			
Well drained					

Comments:

Black locust with dense understory of black cherry, white ash, and Viburnum. Also, sycamore maple, scotch pine, and dogwood are present. Sparse ground cover includes Rubus, false Solomon's seal, honeysuckle, moss, and chives.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 157
Acreage: 0.45
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black walnut	>5m	Fence		Dumping
Deciduous	Black locust	>5m			
Geophytes	Chives	<5m			
Level	Jewelweed	<5m			
Moist	Goldenrod	<5m			

Comments:

Overstory mostly black walnut and black locust; canopies nearly interlocked. Other species: black cherry, bitternut hickory, honeysuckle, elder, Rubus, chives, jewelweed, goldenrod, garlic mustard, sensitive fern, and other fern species. Southern border separated by chain link fence from City Island road and unit #13.

Unit: 158
Acreage: 0.59
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m			
Deciduous	White ash	<5m & >5m			
Phanerophytes	Black walnut	>5m			
Level	Elderberry	<5m			
Well drained					

Comments:

Mostly black cherry overstory. Understory predominantly woody regeneration of black cherry, white ash, and some walnut trees. Elder also present. Ground vegetation consists of jewelweed, chives, and day lily.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 159
Acreage: 0.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Linden	>5m	Full crown		
Deciduous	Sugar maple	>5m	Exotic		
Phanerophytes	Honeysuckle sp.	<5m			
Knoll	Black walnut	>5m			
Well drained	American elm	<5m & >5m			
	White ash	<5m & >5m			

Comments:

Old Marshall estate yard; a few large trees of varying species characterize area. Other trees: black cherry, bitternut hickory, black locust, mulberry, and juniper. Ground cover includes: periwinkle, honeysuckle, violet, garlic mustard, false Solomon's seal, white wood aster, Rubus, elder, chives, and lianas.

Unit: 160
Acreage: 0.84
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Foundation		
Deciduous	White ash	<5m & >5m	Full crown		
Phanerophytes	Honeysuckle sp.	<5m	Exotics		
Slope	Bitternut hickory	<5m & >5m			
Well drained	Ailanthus	>5m			

Comments:

Site of Marshall house. Primarily black cherry, white ash, and hickory southwest where the driveway was. Also, sugar maple, red maple, royal Paulownia, and sparse white poplar regeneration. Three large Ailanthus at north center on border with unit 162. Dense shrub understory and deciduous tree regeneration; ground vegetation includes jewelweed, chives, garlic mustard, and day lily.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 161
Acreage: 1.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	>5m	Fence		
Deciduous	Black cherry	<5m	Exotics		
Phanerophytes			Septic tank		
Slope					
Well drained					

Comments:

Clonal white poplar stand; understory primarily black cherry regeneration. Also mulberry, honeysuckle, lianas, garlic mustard, jewelweed, and cinquefoil are present. Old septic tank found.

Unit: 162
Acreage: 0.87
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White ash	<5m & >5m	Hedgerow		
Deciduous	Black locust	>5m			
Phanerophytes	Black walnut	>5m			
Level	Black cherry	<5m & >5m			
Moist					

Comments:

Closed forest of white ash, black locust and black cherry. Unit has much white ash regeneration, a few large black walnut trees, a few unknown shrubs and some white poplar regeneration. Understory open near black walnuts. Other species: honeysuckle, day lily, chives, jewelweed, violet, garlic mustard, false Solomon's seal and other herbs.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 163
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	>5m		Picnic	
Deciduous	Black walnut	>5m		Foot traffic	
Phanerophytes	Mulberry	>5m			
Level	American elm	>5m			
Moist					

Comments:

Non-white poplar forest border which extends into meadow. Grassy area under black walnut and mulberry used for picnicking. Other species: Rubus, jewelweed, cool season grasses, garlic mustard, smooth sumac, elder, and sparse amounts of chives and day lilies.

Unit: 164
Acreage: 1.30
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			Fire
Geophytes					Dumping
Level					Trash
Surface water					

Comments:

Almost pure Phragmites stand; eastern half burned in 1985. Some standing water. Sparse amounts of elder and smooth sumac along border of unit.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 165
Acreage: 2.01
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Goldenrod	<5m			
Deciduous	Rubus	<5m			
Hemicryptophytes	Bayberry	<5m			
Level	Garlic mustard	<5m			
Moist	Elderberry	<5m			

Comments:

Predominantly goldenrod in meadow with some bayberry, Rubus, and elder.

Unit: 166
Acreage: 1.49
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m	Road		
Deciduous	Elderberry	<5m	Power line		
Phanerophytes	Mulberry	<5m			
Level					
Moist					

Comments:

White poplar stand with light understory of white poplar, elder, and mulberry along road. Active dirt road through unit. Other species: jewelweed, honeysuckle, garlic mustard, chives, and lily-of-the-valley (?).

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 167
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Level Moist	White poplar	<5m & >5m		Auto Access Foot traffic	

Comments:

Young dense white poplar stand; average tree height twenty feet tall. Understory is dense white poplar stems and goldenrod.

Unit: 168
Acreage: 2.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb Geophytes Level Wet	Phragmites	<5m			Trash

Comments:

Tall grass steppe; Phragmites wetland along salt water bay. Occasional species include: elder, bayberry, and alder spp.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 169
Acreage: 0.24
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m			Trash
Geophytes	Phragmites	<5m			
Level					
Surface water					

Comments:

Mid-grass salt meadow. Presence of spikegrass, some Phragmites, and bayberry on unit border. Much trash from tidal flooding.

Unit: 170
Acreage: 0.49
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m		Auto Access	
Deciduous	Bayberry	<5m		Foot traffic	
Chamaephytes	Goldenrod	<5m			
Level					
Moist					

Comments:

Low, scattered shrubs of bayberry and Rubus mixed with perennial herbs such as goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 171
Acreage: 2.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	European alder	<5m & >5m	Road	Picnic	Trash
Deciduous	White ash	<5m & >5m	Hedgerow	Auto Access	
Phanerophytes	Mulberry	>5m	Foundation	Fireplace	
Level	Silver maple	>5m			
Moist	Red maple	>5m			
	Willow	<5m			

Comments:

Scattered patches of trees such as mulberry, European alder, white ash, black walnut, silver maple, red maple, black willow, and black cherry. Abundant shrubs of Viburnum, rose, privet, elder, sumac, and others. Diverse ground cover includes: garlic mustard, chives, enchanter's nightshade, honeysuckle, poison ivy, day lily, jewelweed, cinquefoil, rhubarb, switchgrass, bindweed, Phragmites, goldenrod, and other herbaceous vegetation. Area used for picnicking by fishermen; car.

Unit: 172
Acreage: 6.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	European alder	<5m & >5m	Road	Auto Access	Dumping
Deciduous	Bitternut hickory	<5m	Sewer	Foot traffic	Trash
Phanerophytes	Black cherry	<5m & >5m			
Level	Black locust	<5m & >5m			
Moist					

Comments:

Primarily alder with occasional black cherry, bitternut hickory, pin oak, and white ash. Black locust patch in unit's center; elder also present. Other species: garlic mustard, goldenrod, sensitive fern, honeysuckle, false Solomon's seal, white snakeroot, Virginia creeper, Rubus, and jewelweed, some exotic perennial herbs on the north side, such as, periwinkle, lily spp., and others.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 173
Acreage: 6.55
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m	Road	Foot traffic	
Deciduous	Norway maple	<5m & >5m	Hedgerow		
Phanerophytes	Black cherry	<5m & >5m	power line		
Level					
Moist					

Comments:

White poplar clonal patch started from roadside plantings; also black cherry, alder, mulberry, Norway maple, elder, and tulip poplar (in center of unit) are present. Ground cover consists of jewelweed and garlic mustard. Little foot traffic; unit borders road to City Island.

Unit: 174
Acreage: 1.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	European alder	<5m & >5m		Foot traffic	Dumping
Deciduous	Bitternut hickory	>5m			
Phanerophytes	Black cherry	<5m & >5m			
Level	Sweetgum	<5m			
Surface water	Pin oak	>5m			
	Red maple	>5m			

Comments:

A few residual hardwoods mixed with alder; also present, aforementioned species plus mulberry, American elm, maple-leaf Viburnum, dogwood, black locust, elder, and Viburnum species. Ground cover includes: jewelweed, trillium, jack-in-the-pulpit, poison ivy, rushes, sensitive fern, sedges, and chives. Area good for wildlife; little foot traffic except for access to fishing area.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 175
Acreage: 0.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Foot traffic	
Deciduous	Black cherry	>5m			
Phanerophytes	Viburnum	<5m			
Level	Mapleleaf Viburnum	<5m			
Moist	Elderberry	<5m			
	Jewelweed	<5m			

Comments:

Area borders athletic field. Other species: Rubus, chives, bitternut hickory, black oak, sumac, true Solomon's seal, false Solomon's seal, Virginia knotweed, goldenrod, avens, rush, and garlic mustard.

Unit: 176
Acreage: 1.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Bayberry	<5m			
Deciduous	Rubus	<5m			
Phanerophytes	Viburnum	<5m			
Level	Graystem dogwood	<5m			
Moist	Sumac	<5m			

Comments:

Shrubs on historically disturbed site with occasional young trees. Other species include: black cherry, wild grape, goldenrod, cool season grasses, bindweed, Indian hemp, milkweed, dwarf St. Johns wort, mustard, garlic mustard, feverwort, pokeweed, jewelweed, and others.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 177
Acreage: 0.58
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Bayberry	<5m		Auto Access	
Deciduous	Elderberry	<5m			
Phanerophytes	Rubus	<5m			
Level	Goldenrod	<5m			
Moist					

Comments:

Tall shrub community of primarily bayberry mixed with low shrubs of elder, Rubus, and perennial herbs. Also present are thistle, feverwort, and bindweed.

Unit: 178
Acreage: 0.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Cement	Auto Access	
Deciduous	Black cherry	>5m			
Phanerophytes	Mulberry	>5m			
Level	Sweetgum	>5m			
Moist	Eastern cottonwood	>5m			
	Elderberry	<5m			

Comments:

Predominantly black locust and black cherry with other species of sweetgum, eastern cottonwood, mulberry, and elder. Other vegetation includes: Rubus, goldenrod, pokeweed, garlic mustard, and feverwort.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 179
Acreage: 0.37
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	>5m		Auto Access	Fire
Deciduous	Sweetgum	>5m			
Phanerophytes	Black cherry	<5m & >5m			
Level	Elderberry	<5m			
Moist					

Comments:

Understory light and easy to walk though; unit along active road. Some fire evidence. Ground cover includes: white snakeroot, Rubus, mulberry, pokeweed, and honeysuckle.

Unit: 180
Acreage: 0.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sumac	<5m		Auto Access	
Deciduous	Bayberry	<5m			
Phanerophytes	White ash	>5m			
Level	Black cherry	<5m			
Moist	Elderberry	<5m			

Comments:

Unit predominantly sumac and bayberry; area is impenetrable. A few trees of white ash and sweet cherry present. Ground cover: goldenrod, aster, white snakeroot, Rubus, pokeweed, honeysuckle, and switchgrass.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 181
Acreage: 0.44
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Viburnum	<5m			
Level	Elderberry	<5m			
Moist	Pin oak	>5m			
	Sweetgum	>5m			

Comments:

Closed forest of black cherry and black locust with light, feathery canopy. Understory consists of dense shrubs such as elder, Viburnum, and Rubus. Ground vegetation includes: goldenrod, feverwort, aster, hornwort, white snakeroot, morning glory, and other perennial and annual herbs.

Unit: 182
Acreage: 1.52
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Quaking aspen	<5m			
Deciduous	Black oak	<5m & >5m			
Phanerophytes	Black cherry	<5m & >5m			
Level	White ash	<5m			
Moist	Bayberry	<5m			
	Sweetgum	>5m			

Comments:

Early emergent woodland; many tall shrubs being broken up by young trees. Other species: wild grape, Virginia creeper, pin oak, elder, and Viburnum.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 183
Acreage: 2.52
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Quaking aspen	>5m		Foot traffic	
Deciduous	Big tooth aspen	>5m			
Phanerophytes	Sweetgum	>5m			
Level	Gray birch	>5m			
Well drained	Black oak	>5m			
	Viburnum	<5m			

Comments:

Aspen-mixed hardwood closed forest with dense shrub understory. Other species: white ash, bayberry, pin oak, Rubus, unknown shrub, jewelweed, aster, and cool season grasses.

Unit: 184
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	>5m			Dumping
Deciduous	Willow	>5m			
Phanerophytes					
Level					
Moist					

Comments:

Small sweetgum patch with willow on east side of unit. Moist area. Some shrubs including Viburnum and blueberry, but mostly leaf litter. Sparse ground cover consists of black oak, sensitive fern, aster or goldenrod, Rubus, and elder.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 185
Acreage: 2.59
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Bayberry	<5m		Foot traffic	Trash
Deciduous	Viburnum	<5m			
Phanerophytes	Rubus	<5m			
Level	Elderberry	<5m			
Moist					

Comments:

Tall shrub unit interrupted by small footpath; somewhat secluded area. Occasional trees include: white ash, pin oak, quaking aspen and sweetgum. Ground vegetation: milkweed, cool season grasses, perennial rye, goldenrod, aster, and jewelweed.

Unit: 186
Acreage: 0.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Willow	>5m		Auto Access	Trash
Deciduous	Black oak	<5m & >5m			
Phanerophytes	White ash	>5m			
Level	Sweetgum	>5m			
Moist	Pin oak	>5m			
	Grey birch	>5m			

Comments:

Road unit of mixed hardwood; understory of dense shrubs. Other species: Viburnum, bayberry, black cherry, aster, honeysuckle, and cinquefoil.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 187
Acreage: 2.01
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	<5m & >5m	Road	Picnic	Dumping
Deciduous	Cool season grass	<5m	Hedgerow	Auto Access	Trash
Phanerophytes			Hydrant	Fireplace	
Level					
Well drained					

Comments:

Hedgerow along abandoned road of Norway maple. Understory mostly cool season grasses and bare soil from trampling. Unit used as spillover from ballfield. Other trees: Norway maple, black locust, and black cherry regeneration. Other species: Rubus, jewelweed, cinquefoil, honeysuckle, wild parsnip, hornwort, chives, scattered dandelion, poison ivy, and garlic mustard.

Unit: 188
Acreage: 1.40
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	>5m		Foot traffic	Trash
Deciduous	Black cherry	>5m			
Geophytes					
Level					
Moist					

Comments:

Unit of even-aged sweetgum and black cherry, little tree regeneration. Area serves as a buffer along ballpark. Other species: scattered Norway maple, mulberry, elder, black oak, pin oak, Viburnum, garlic mustard, goldenrod, cool season grasses, poison ivy, chives, wood sorrel, cinquefoil, white snakeroot, Solomon's seal, rush, and jewelweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 189
Acreage: 0.23
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	>5m		Auto Access	Trash
Deciduous				Foot traffic	
Phanerophytes					
Level					
Moist					

Comments:

Similar to unit 188; primarily sweetgum plus other species of pin oak, black cherry, elder and white poplar. Understory is sparse. Other vegetation includes: aster, garlic mustard, cinquefoil, jewelweed, and honeysuckle.

Unit: 190
Acreage: 0.24
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m	Road	Auto Access	Trash
Deciduous	Ailanthus	<5m & >5m		Fireplace	
Phanerophytes	Sweetgum	>5m		Foot traffic	
Level	Cool season grass	<5m			
Well drained	Goldenrod	<5m			
	Vines	<5m			

Comments:

Irregular vegetation between ball field and road. A few large trees with shrubs, grasses and perennial herbs. Other species: black cherry, mulberry, sweetgum, crabapple, Ailanthus, Norway maple, Rubus, Viburnum, bittersweet, honeysuckle, poison ivy, cool season grasses, goldenrod, aster, garlic mustard, mugwort, and plantain. Unit adjacent to abandoned road intersection.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 191
Acreage: 0.68
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			Flotsam
Hemicryptophytes					
Level					
Wet					

Comments:

Tall grass steppe that is occasionally flooded. Good bird area.

Unit: 192
Acreage: 2.52
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Foot traffic	Trash
	Pin oak	>5m			
Hemicryptophytes					
Slope					
Well drained					

Comments:

Two areas; one is a maintained lawn area, fenced off on two sides, bordering marsh on the third. Other area is adjacent to the environmental center, between marsh and boardwalk; stump present indicating at least some of the area was once supporting trees
 Secondary unit coordinates: E 651400,N371600.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 193
Acreage: 3.51
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	<5m & >5m	Road	Foot traffic	Fire
Deciduous	Chestnut oak	<5m		Picnic	Trash
Hemicryptophytes	Red oak	>5m			
Slope	Black locust	<5m & >5m			
Well drained	Black cherry	<5m			
	White poplar	<5m & >5m			

Comments:

Mostly oak woodland with irregularly mowed grass/forb-land and patches of woody regeneration. Also chestnut oak. Ground cover includes: cool season grasses, English plantain, goldenrod, aster, bluestem, switchgrass, geranium, mugwort.

Unit: 194
Acreage: 1.00
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Rye grass	<5m		Foot traffic	
	English plantain	<5m		Picnic	
Hemicryptophytes	Milkweed	<5m		Fireplace	
Knoll	Cool season grass	<5m			
Well drained	Dandelion	<5m			
	Wild strawberry	<5m			

Comments:

Short grassland with forbs. Other species: buttercup, curly dock, bluegrass, wintercress, star of Bethlehem, path rush, sedges, sesame grass. Irregularly mowed area on rocky outcrop; heavy recreational use; rye grass is probably sweet vernal grass.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 195
Acreage: 1.75
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m		Auto Access	Fire
Deciduous	Black oak	<5m & >5m		Foot traffic	Trash
Phanerophytes	Chestnut oak	<5m & >5m		Picnic	
Slope	Sassafras	<5m & >5m			
Well drained	Black locust	<5m & >5m			
	Black cherry	<5m & >5m			

Comments:

Closed oak forest surrounding high use area. Abundant Sassafras understory; fire has damaged some red oak and Sassafras regeneration. Other species: bitternut hickory, pignut hickory, (red or sycamore) maple regeneration. Ground cover includes: hemicryptophytic grasses, sedges, desmodium, bush clover, whorled loosestrife.

Unit: 196
Acreage: 0.44
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rose	<5m	Foundation	Foot traffic	
Deciduous	Unknown shrub	<5m		Picnic	
Chamaephytes	Black cherry	<5m		Sports	
Slope	White oak	>5m			
Well drained	Rubus sp.	<5m			
	Privet	<5m			

Comments:

Border between rocky shoreline and rocky grassland. Other species include: wild strawberry, poison ivy, bitternut hickory, cool season grasses, English plantain, watercress, geranium, day lily, snapdragon, sumac, white poplar.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 197
Acreage: 1.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m		Auto Access	
Deciduous	Chestnut oak	>5m		Foot traffic	
Phanerophytes	White oak	>5m			
Slope	Sassafras	<5m			
Well drained	Black cherry	<5m & >5m			
	Black locust	<5m & >5m			

Comments:

Oak overstory with mostly woody regeneration below: black cherry, Sassafras, and red maple. Ground spp: cool season grasses, goldenrod, rose, Ailanthus (on north side), mugwort and other herbs.

Unit: 198
Acreage: 1.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m		Foot traffic	
Deciduous	Sassafras	<5m & >5m		Picnic	
Hemicryptophytes	Cool season grass	<5m			
Knoll	Chestnut oak	>5m			
Well drained					

Comments:

Oak and Sassafras overstory. Mostly cool season grasses on ground plane. Only a few clumps of regeneration: Sassafras, red maple, and black locust.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 199
Acreage: 0.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Japanese black pine	>5m	Exotics	Env'tl cntr	
Everg.w/decid	Chestnut oak	>5m		Auto Access	
Hemicryptophytes	White oak	>5m		Foot traffic	
Level	Hawthorn	<5m			
Well drained	Black oak	>5m			
	Sassafras	<5m & >5m			

Comments:

Small closed conifer forest surrounding environmental center. Ground cover consists of cool season grasses, clover, and mugwort; all are mowed. Unit borders the boardwalk. A lot of Sassafras regeneration in some places. Also, one honey locust in unit.

Unit: 200
Acreage: 0.91
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m			Compaction
	Tall sweet clover	<5m			
Hemicryptophytes	Phragmites	<5m			
Level					
Moist					

Comments:

Scarcely vegetated; much bare sandy soil; recent heavy disturbance; Phragmites probably dug up here as a control measure before lawn establishment. Ground cover: clover, Phragmites, willow, bull thistle, goldenrod, thistle, mugwort, and curly dock.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 201
Acreage: 0.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m	Road	Foot traffic	Compaction
	Goldenrod	<5m		Sports	Trash
Geophytes	Switchgrass	<5m			
Level	Japanese knotweed	<5m			
Moist	Mugwort	<5m			
	Rushes	<5m			

Comments:

Tall grass steppe; heavily disturbed shoreline; road surface sandy and compacted; much bare soil. Compaction and low fertility cause low and sparse vegetation. Other species Wild grape, tall sweet clover, moth mullein. Wood chips dumped along road; auto access now limited.

Unit: 202
Acreage: 2.97
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
	Groundsel	<5m			
Geophytes	Bayberry	<5m			
Level					
Wet					

Comments:

Tall grass steppe; Phragmites with some groundsel tree and bay berry. Other species: goldenrod, thistle, blackgrass, elderberry, spearmint, bindweed, jewelweed, cut-leaved water horehound.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 203
Acreage: 0.81
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m		Foot traffic	Trash
Deciduous	Rye grass	<5m		Picnic	
Hemicryptophytes	Seaside goldenrod	<5m			
Level	Aster	<5m			
Moist					

Comments:

White poplar patch with rye grass understory; area used as overflow for picnic area. Other species: red oak, woodland sunflower, aster, goldenrod, chickweed, honeysuckle.

Unit: 204
Acreage: 0.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Foot traffic	Trash
Deciduous	Rye grass	<5m			
Phanerophytes					
Level					
Moist					

Comments:

Small black locust stand; black locust and white poplar regeneration mixed with rye grass. Also, aster, hornwort, wild strawberry, goldenrod, burdock, hedge bindweed, curly dock, sweet vernal grass, elderberry, Rubus, and rose.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 205
Acreage: 0.32
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		Foot traffic	Trash
Deciduous	sweet vernal grass	<5m			
Hemicryptophytes	Black cherry	<5m & >5m			
Level	Grey birch	>5m			
Moist					

Comments:

Black locust stand adjacent to picnic area; low ground cover; easy access. Understory spp.: mixed grass, sweet vernal grass, downy chess, barley, dandelion, Rubus, sumac, burdock, small white poplars, aster, curly dock, chives, and others.

Unit: 206
Acreage: 1.02
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m		Foot traffic	
	Bayberry	<5m			
Hemicryptophytes	sumac	<5m			
Level					
Moist					

Comments:

Mixed grass and shrubs; great diversity of forbs, few shrubby trees. Species include: goldenrod, Rubus, Juncus, sarpus, yellow wood sorrel, black cherry, bush clover, orchard grass, bluegrass, sweet vernal grass, butter-and-eggs, bittersweet, milkweed, black locust, cinquefoil, rose, aster, hawkweed, sheep sorrel, yarrow, honeysuckle, pin oak, little bluestem, and cut-leaved water horehound.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 207
Acreage: 0.37
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Willow	<5m		Foot traffic	
Deciduous	Goldenrod	<5m			
Phanerophytes	Cool season grass	<5m			
Level					
Wet					

Comments:

Willow hedgerow, limited in height; unit near area excavated in 1937. Ground cover includes: goldenrod, Phragmites, Rubus, black oak, Viburnum, bayberry, and cool season grasses.

Unit: 208
Acreage: 5.52
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	<5m		Auto Access	Compaction
Deciduous	Lawn-type grass	<5m		Picnic	Trash
Hemicryptophytes	Black locust	<5m		Fireplace	
Level					
Well drained					

Comments:

Open canopy of pin oaks; small inclusion of black locust. Understory is disturbed lawn of dandelions, plantains, clover, and cool season grasses. Benches and fireplace present. Area is mowed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 209
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	>5m		Foot traffic	
Deciduous	Cool season grass	<5m		Picnic	
Hemicryptophytes	Dandelion	<5m			
Level					
Moist					

Comments:

Small patch of white poplar adjacent to picnic area; ground cover mostly hemicryptophytic grasses and perennial herbs.

Unit: 210
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m		Foot traffic	Compaction
Deciduous	Mixed grasses	<5m			Trash
Hemicryptophytes					
Knoll					
Well drained					

Comments:

Rocky knoll covered by mixed grasses and forbs, invaded by young black cherry. Other species: switchgrass, little bluestem, sweet vernal grass, Rubus, wild strawberry, milkweed, plantain, goldenrod, hawkweed, mullein, red clover, knawel, cinquefoil, wild grape, pokeweed, curly dock, poison ivy, and panic grass.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 211
Acreage: 1.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	>5m		Foot traffic	Trash
Deciduous	Black oak	>5m		Picnic	
Hemicryptophytes	Red oak	>5m			
Slope	Linden	>5m			
Moist	White oak	>5m			
	Cool season grass	<5m			

Comments:

Closed forest with mowed lawn understory and abundant side lighting. Other species: horse chestnut, dogwood, Sassafras, American elm, black cherry, apple.

Unit: 212
Acreage: 2.41
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Bitternut hickory	>5m	Full crown	Foot traffic	
Deciduous	Linden	>5m		Picnic	
Hemicryptophytes	Red oak	>5m			
Slope	White oak	>5m			
Well drained	Cool season grass	<5m			

Comments:

Other species: white ash, black cherry, Sassafras, sycamore.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 213
Acreage: 0.34
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Auto Access	Trash
Geophytes	Cattail	<5m			
Level					
Wet					

Comments:

Low-lying wet lawn. Phragmites and cattails in the open with grasses and sedges. Other species: asters, goldenrod, rose, Impatiens, Jack-in-the-pulpit, geranium, toothwort, knapweed, and panic grass. If left unmowed, wetland species would regenerate.

Unit: 214
Acreage: 4.65
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Foot traffic	Trash
	English plantain	<5m		Picnic	
Hemicryptophytes	Clover,	<5m		Sports	
Undulating					
Moist					

Comments:

Mowed lawn with rock outcrops. Area excavated about 1937 leaving little top soil. Mostly grasses and perennial herbs. Area used extensively for picnicking and recreation.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 215
Acreage: 0.45
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Bayberry	<5m			
Knoll	Switchgrass	<5m			
Well drained	Ailanthus	<5m & >5m			

Comments:

Most young trees growing sporadically on heavily disturbed excavated area. Shallow soil, rock outcrop. Young trees separated by shrubs and cool and warm season grasses; other species: switchgrass, little bluestem, goldenrod, plantain, Queen Anne's lace, bindweed, Rubus.

Unit: 216
Acreage: 0.84
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Bayberry	<5m		Foot traffic	
Deciduous	Black cherry	<5m			
Phanerophytes	Switchgrass	<5m			
Level					
Well drained					

Comments:

Open scrubland. Other species: sumac, birch, switchgrass, little bluestem, Rubus, rose, wild strawberry, mimosa, willow, honeysuckle, oak spp., Juncus, goldenrod, yarrow, sweet vernal grass, cinquefoil, wild grape, selfheal, panic grass, and white poplar.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 217
Acreage: 1.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m		Foot traffic	Trash
Deciduous	Black cherry	<5m			
Phanerophytes					
Level					
Moist					

Comments:

Mostly young black cherry and black locust growing independently on area excavated about 1937. Some rock outcrops, shallow soil. Sparse : sweetgum, slippery elm, oak (pin?), basswood. Ground cover species include cool season grasses, goldenrod, aster, plantain, switchgrass, Rubus, honeysuckle, rose, curly dock.

Unit: 218
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	Black cherry	<5m			
Phanerophytes	Sumac sp.	<5m			
Level					
Well drained					

Comments:

Stand of black locust with some black cherry. Understory dense with 2 species of Rubus. Also, wild grape, orchard and sweet vernal grasses, horewort, rose, elderberry, bluegrass, downy cress, bull thistle, and poison ivy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 219
Acreage: 0.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m	Excavated	Foot traffic	
Geophytes					
Level					
Moist					

Comments:

Very dense Phragmites on shallow moist soil surrounded by shrubs and young trees. Area excavated circa 1937. Overgrown small foot trail through center. Ground cover includes enchanter's nightshade, thistle, Rubus, whorled loosestrife, rush, pokeweed, bindweed.

Unit: 220
Acreage: 0.59
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Bayberry	<5m		Foot traffic	
Deciduous	Sumac	<5m			
Phanerophytes	Viburnum	<5m			
Level	Rubus	<5m			
Well drained					

Comments:

Pockets of scrub connected by six foot wide footpath, surrounded by woodland and forest. Diverse ground cover of goldenrod, cinquefoil, wild strawberry, switchgrass, Phragmites, dogbane, sweet vernal grass, Juncus, sedges, and bluegrass.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 221
Acreage: 3.47
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		Foot traffic	
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Sumac	<5m			
Level	Bayberry	<5m			
Well drained	Japanese honeysuckle	<5m			
	Ailanthus	<5m			

Comments:

Young pioneer forest on disturbed land. Diverse forbs as understory/ground cover. Other species: elder, large amount of honeysuckle, Rubus, dodder, false Solomon's seal, wild strawberry, and goldenrod. Other trees: black oak, and pignut hickory.

Unit: 222
Acreage: 0.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Bayberry	<5m		Foot traffic	
Deciduous	Black cherry	>5m			
Phanerophytes	Black locust	<5m			
Level	Smooth sumac	<5m			
Well drained					

Comments:

Scrub succeeding to forest. Other species: ash, dense Rubus, pin oak, goldenrod, sweet vernal grass, yarrow, wild strawberry, poison ivy, butter-and-eggs, little bluestem, hawkweed, and bluegrass.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 223
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
	Rubus	<5m			
Geophytes	Black cherry	<5m			
Level	Wild grape	<5m			
Moist	Goldenrod	<5m			

Comments:

Dense Phragmites mixed with Rubus and goldenrod. Difficult to penetrate.

Unit: 224
Acreage: 0.44
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Willow	>5m	Excavation		Trash
Deciduous	Gray birch	>5m			
Phanerophytes	Pin oak	>5m			
Level	Big tooth aspen	>5m			
Wet	Black cherry	<5m			
	Viburnum	<5m			

Comments:

Young wet forest; difficult to walk through because of wet soil and dense understory. Ground cover species: goldenrod, black snakeroot, Rubus, Japanese honeysuckle, enchanter's nightshade, cool season grasses. One other tree present: crabapple.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 225
Acreage: 0.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Excavation	Foot traffic	Trash
Deciduous	Black locust	<5m & >5m			
Phanerophytes	Bitternut hickory	>5m			
Level	American elm	>5m			
Moist	Bayberry	<5m			
	Rubus	<5m			

Comments:

Small area of closed young mixed hardwoods. Site is moist, but not as wet as willow area to north. Ground cover species: goldenrod, cool season grasses, jewelweed, cinquefoil, bindweed, Japanese honeysuckle, elderberry.

Unit: 226
Acreage: 0.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Willow	<5m & >5m	Excavation		
Deciduous	Gray birch	<5m & >5m			
Phanerophytes	Black oak	>5m			
Level	Pin oak	<5m			
Wet	Big tooth aspen	>5m			
	Black cherry	<5m			

Comments:

Wet woods on shallow soil with scattered willow species and others. Ground cover spp.: Viburnum, Virginia creeper, cool season grasses, elderberry, swamp, (?) rose, Phragmites, sensitive fern, enchanter's nightshade, goldenrod, meadow rue, and other perennial herbs.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 227
Acreage: 0.61
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m	Excavation	Foot traffic	
Deciduous	Bayberry	<5m			
Phanerophytes	Rubus	<5m			
Level	Phragmites	<5m			
Wet	Viburnum	<5m			
	Sedges	<5m			

Comments:

A few scattered trees separated by dense shrubs and herbaceous wetlands species; shallow, wet soil (could be wetland community, i.e. sedge with trees and shrubs). Other trees: red maple, sweetgum. Ground cover spp.: sedges, sensitive fern, bindweed, thistle, and other herbs.

Unit: 228
Acreage: 0.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m		Foot traffic	
Deciduous	Crab apple	<5m			
Phanerophytes	Sumac	<5m			
Knoll	White ash	<5m & >5m			
Well drained	Bayberry	<5m			
	Honeysuckle sp.	<5m			

Comments:

Rock outcrop (180' long) with scattered scrubby vegetation. Trees listed above, plus black oak, grey birch. Ground cover spp.: Rubus, cool season grasses, goldenrod, meadow rue, periwinkle (on north side), sorrel and other herbs.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 229
Acreage: 0.71
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	>5m	Excavated		
Deciduous	Gray birch	>5m			
Phanerophytes	Viburnum .	<5m			
Level	Bayberry	<5m			
Wet					

Comments:

A few trees have emerged from dense shrubland; difficult to penetrate on foot. Other woody spp.: pin oak, red maple, sweetgum, elderberry, Rubus. Ground cover spp.: sparse in Phragmites and sensitive fern.

Unit: 230
Acreage: 0.59
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	<5m & >5m			
Deciduous	Black cherry	>5m			
Phanerophytes	Gray birch	<5m & >5m			
Level	Black oak	>5m			
Moist	Crab apple	<5m			
	Big tooth aspen	<5m & >5m			

Comments:

Borderline closed forest-woodland between Phragmites and rock outcrop. Ground cover spp.: goldenrod, Japanese honeysuckle, swamp (?) rose, bayberry, black snakeroot, Viburnum.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 231
Acreage: 0.37
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Elderberry	<5m			
Level	Goldenrod	<5m			
Moist	Rubus	<5m			
	Aster	<5m			

Comments:

Black locust/black cherry with shrub and herbaceous understory. Ground cover spp.: enchanter's nightshade, meadow rue, honeysuckle, crabapple, and bindweed.

Unit: 232
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sumac	<5m			
Deciduous	Bayberry	<5m			
Phanerophytes	Goldenrod	<5m			
Level	Black cherry	<5m & >5m			
Moist	Rubus	<5m			

Comments:

Mostly sumac/bayberry dense shrubland/thicket; difficult to penetrate.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 233
Acreage: 0.59
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m		Foot traffic	
Deciduous	Little bluestem	<5m		Fireplace	
Hemicryptophytes	Cool season grass	<5m			
Level	Bayberry	<5m			
Moist					

Comments:

Small opening in surrounding black locust stands. Contains a few young black locust in grassland; bayberry on perimeter.

Unit: 234
Acreage: 4.69
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m	Cement slab	Foot traffic	Fire
Deciduous	Oaks	>5m			
Chamaephytes	Black cherry	<5m			
Level	Rubus	<5m			
Well drained	Jewelweed	<5m			

Comments:

Large burned area with black locust, oak (dying), and one big white ash in overstory. Understory is very dense, impenetrable, with abundant Rubus and jewelweed. Young Ailanthus on northern edge.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 235
Acreage: 0.10
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sweet vernal grass	<5m		Foot traffic	
	Little bluestem	<5m			
Hemicryptophytes	Switchgrass	<5m			
Level	Black locust	<5m			
Well drained	Bayberry	<5m			
	Sumac	<5m			

Comments:

Grassland along foot trail intersections; black locust, black cherry, sumac overhang trail. Ground vegetation: Rubus, bindweed, meadow rue, and Virginia creeper.

Unit: 236
Acreage: 0.32
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	Black cherry	<5m			
Hemicryptophytes	Sumac	<5m			
Level	Honeysuckle sp.	<5m			
Moist	Sweet vernal grass	<5m			
	Bayberry	<5m			

Comments:

Three-five foot diameter black locust with sweet vernal grass understory and scattered shrubs. Light, feathery canopy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 237
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m		Foot traffic	Trash
Deciduous	Black locust	<5m			
Hemicryptophytes	Sumac	<5m			
Level	Switchgrass	<5m			
Well drained	Little bluestem	<5m			
	Bayberry	<5m			

Comments:

Opening in surrounding forest; scattered young trees and shrubs listed above separated by warm season grasses listed above.
 Ground cover: mostly grasses; sparse herbaceous cover of wild strawberry, bindweed, and others.

Unit: 238
Acreage: 0.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	<5m & >5m	Full crown	Foot traffic	
Deciduous	Black locust	<5m			
Hemicryptophytes	Black cherry	<5m			
Knoll	Bayberry	<5m			
Well drained	Little bluestem	<5m			
	Cool season grass	<5m			

Comments:

Clearing in surrounding forest. Large pin oak in center; pin oak and black locust regeneration on periphery. Ground cover; goldenrod, poison ivy, cool season grasses, and miscellaneous herbs.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 239
Acreage: 0.95
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	>5m		Auto Access	Trash
Deciduous	Red oak	>5m		Picnic	Compaction
Hemicryptophytes	White oak	>5m		Foot traffic	
Slope	Black oak	>5m			
Well drained	White poplar	>5m			
	Sycamore	>5m			

Comments:

Picnic area; overstory of large trees, understory of cool season grasses, plantain, clover. Area maintained by mowing; heavily used.

Unit: 240
Acreage: 0.50
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	>5m		Foot traffic	Trash
Deciduous	Red oak	>5m		Auto Access	
Hemicryptophytes	Basswood	>5m			
Slope	Cool season grass	<5m			
Well drained	Perennial herbs	<5m			

Comments:

Area adjacent to picnic area (unit 239). Both units are similar except for mowing record (not recently mowed here). Understory of cool season grasses, dandelion, smartweed, and small perennial herbs.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 241
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Hickory	<5m & >5m		Drainage	Trash
Deciduous	Red oak	<5m & >5m		Auto Access	
Chamaephytes	Elderberry	<5m		Foot traffic	
Undulating	Black cherry	<5m			
Moist	Jewelweed	<5m			

Comments:

Small woodland with dense shrub understory. Drainage ditch to nearby marsh running through the center. Other vegetation includes: jewelweed, bittersweet nightshade, thistle, wild grape and other herbaceous species. Significant oak and hickory regeneration.

Unit: 242
Acreage: 2.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m		Foot traffic	
Deciduous	Black oak	<5m & >5m		Auto Access	
Phanerophytes	White oak	>5m			
Slope	Sassafras	<5m & >5m			
Well drained	Black locust	>5m			
	Black cherry	<5m & >5m			

Comments:

Closed forest with oak overstory and a lot of tree regeneration. Ground cover is dense with herbaceous vegetation; species include: cool season grasses, asters, loosestrife, white snakeroot, goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 243
Acreage: 2.40
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Foot traffic	
Deciduous	Black cherry	<5m & >5m			
Chamaephytes	Rubus	<5m			
Slope	Honeysuckle sp.	<5m & >5m			
Well drained					

Comments:

Dense stand of black locust (small DBH) with some black cherry. Understory is very dense with Rubus, honeysuckle, and black cherry regeneration. Other species in understory are goldenrod, cool season grasses, Virginia creeper, mulberry.

Unit: 244
Acreage: 2.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	<5m & >5m			
Deciduous	Red oak	<5m & >5m			
Phanerophytes	Sassafras	<5m			
Slope	Hickory	<5m			
Well drained	Black cherry	<5m			
	Sumac	<5m			

Comments:

Woodland with large crown oak. Understory consists of very dense tree regeneration (oak, Sassafras, hickory, black cherry, and some locust), possibly due to large amount of sunlight. Other vegetation includes: Rubus, ragweed and other herbaceous species. A lot of wildlife activity.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 245
Acreage: 0.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Elderberry	<5m		Foot traffic	
Deciduous	Rubus	<5m			
Chamaephytes	Goldenrod	<5m			
Slope	Bayberry	<5m			
Moist	Switchgrass	<5m			

Comments:

Dense, impenetrable vegetation. Some scattered herbaceous species such as jewelweed present.

Unit: 246
Acreage: 6.55
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			Fire
	Sumac	<5m			
Level					
Wet					

Comments:

Phragmites regeneration on recently burned area. Apparently, the area had been covered with Phragmites prior to the burn. Other species present: thistle, goldenrod, blackgrass. Some patches of shrubs and herbaceous species scattered throughout the unit

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 247
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sumac	<5m	Fence	Foot traffic	Fire
Deciduous	Switchgrass	<5m			
Phanerophytes	Wild strawberry	<5m			
Slope	Goldenrod	<5m			
Moist	Bayberry	<5m			

Comments:

Recently burned area on either side of a footpath. Path is bordered on both sides by Phragmites; had been built up within the marsh. A great deal of sumac regeneration. Other herbaceous vegetation present.

Unit: 248
Acreage: 1.02
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	<5m & >5m		Foot traffic	Trash
Deciduous	White oak	<5m & >5m			
Phanerophytes	Mulberry	>5m			
Undulating	Hickory	<5m & >5m			
Well drained	Black cherry	<5m & >5m			

Comments:

Unit classified as woodland even though canopies interlock in places. Dense understory of tree regeneration, shrubs, and herbaceous material. Species include smooth sumac, goldenrod, wild grape, rose, cool season grasses, dogbane, Rubus, and oak/hickory/ black cherry regeneration.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 249
Acreage: 0.32
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Foot traffic	Trash
	Daisy	<5m		Loitering	Vandalism
Hemicryptophytes	Hawkweed	<5m			
Slope	Clover	<5m			
Moist	Day lily	<5m			
	Mugwort	<5m			

Comments:

Small clearing with many herbaceous species present. Borders on rocky shoreline. Some bare spots and rock outcroppings; possible use as fishing area or for viewing crew races. Other species: sumac, sycamore, and goldenrod.

Unit: 250
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m		Foot traffic	
Deciduous	White oak	<5m & >5m		Auto Access	
Hemicryptophytes	Post oak	<5m & >5m			
Slope	Sumac	<5m			
Well drained	Black cherry	<5m			
	Goldenrod	<5m			

Comments:

Closed forest with some opening in the canopy. More tree regeneration where sunlight hits the ground surface. Shaded areas give rise to herbaceous species (e.g. goldenrod, cool season grasses, etc.). Bordered by a meadow on one side and Phragmites on the other side.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 251
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sumac	<5m		Foot traffic	Fire
Deciduous	Switchgrass	<5m			
Phanerophytes	Bayberry	<5m			
Level	Black cherry	<5m & >5m			
Well drained	Goldenrod	<5m			

Comments:

A corridor of shrubs and herbaceous species between Phragmites and a rock ledge bordering the marsh. Area has obviously been burned. Other species: wild strawberry, day lily, mugwort, poor man's pepper, Rubus, mulberry, and black cherry that are growing between rocks in ledge. Unit appears to have been "built up" on rocks.

Unit: 252
Acreage: 0.41
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m			Fire
	Sumac	<5m			
Geophytes	Rubus	<5m			
Level	Phragmites	<5m			
Well drained					

Comments:

Small area surrounded by Phragmites on 3 sides and a closed forest on the other. Very dense with goldenrod, sumac and Rubus. A few clumps of Phragmites and a single oak (in poor condition) within the unit. Evidence of fire: sumac scorched and dead.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 253
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m		Foot traffic	Fire
	Mustard grass	<5m			Trash
Geophytes	Rubus	<5m			
Level	Switchgrass	<5m			
Well drained	Morning glory	<5m			
	Perennial herbs	<5m			

Comments:

Small open area between forest edge and Phragmites. Extremely dense with herbaceous plants. Wide species diversity: dodder, mint, and some oak regeneration. Evidence of fire.

Unit: 254
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m			Fire
	Cattail	<5m			
Geophytes	Day lily	<5m			
Level	Jewelweed	<5m			
Wet	Rubus	<5m			
	Perennial herbs	<5m			

Comments:

Small area with Phragmites consisting of species listed above. Presence of cattail indicate a fresh-water flush, obviously created by runoff from a spring located near the edge of the unit. Shrub in center of unit is sprouting after it died back from fire.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 255
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m		Foot traffic	Trash
Deciduous	Spike grass	<5m			
Chamaephytes	Blackgrass	<5m			
Level	Goldenrod	<5m			
Wet	Glasswort	<5m			

Comments:

Band of marsh elder between high marsh and Phragmites coming up to tree line at one point.

Unit: 256
Acreage: 2.85
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m		Foot traffic	
	Salt mdw cordgrass	<5m			
Geophytes	Glasswort	<5m			
Level					
Wet					

Comments:

High marsh; small patches of salt-water cordgrass reach up this far.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 257
Acreage: 5.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m		Foot traffic	Fire
Deciduous	White oak	>5m		Auto Access	
Phanerophytes	Sassafras	<5m			
Slope	Tulip poplar	>5m			
Well drained	Black birch	>5m			
	Black locust	<5m			

Comments:

Oak overstory with a few other scattered species. Recently burned. Understory is dense Sassafras regeneration and various herbaceous species. Loosestrife, aster, goldenrod, poison ivy, wild geranium. Borderline closed forest/woodland.

Unit: 258
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			Trash
	Blackgrass	<5m			
Hemicryptophytes	Marsh elder	<5m			
Level	Goldenrod	<5m			
Wet					

Comments:

Small unit of Phragmites bordered by closed forest on two sides, a foot path on one side, and a high marsh on the other side.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 259
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Marsh mallow	<5m			Fire
	Goldenrod	<5m			Trash
Geophytes	Poison ivy	<5m			
Level	Mustard grass	<5m			
Wet					

Comments:

Recently burned unit of many herbaceous species. Adjacent to unit 258; with similar boundaries (l.e. footpath, closed forest, and high marsh). Cover is very dense.

Unit: 260
Acreage: 1.65
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m		Foot traffic	Fire
Deciduous	White oak	<5m & >5m		Loitering	Trash
Phanerophytes	Post oak	<5m & >5m			
Knoll	Sassafras	<5m			
Moist	Rubus	<5m			
	Poison ivy	<5m			

Comments:

Small peninsula with many large rock outcroppings. A significant quantity of tree regeneration. Understory consists of : cool season grasses, and perennial herbs.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 261
Acreage: 0.41
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Bayberry	<5m		Foot traffic	
Deciduous	Sumac	<5m			
Phanerophytes	Black cherry	<5m			
Level	Switchgrass	<5m			
Moist	Goldenrod	<5m			
	Rubus	<5m			

Comments:

Shrubland bordered by Phragmites on one side and a closed forest on the other side. Cover is very dense; a lot of tree regeneration (sumac, black cherry, oak, and ash). Other species include: wild strawberries, cool season grasses, and other herbaceous species. A large depression in the center of the unit.

Unit: 262
Acreage: 3.58
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m		Foot traffic	Fire
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Black locust	>5m			
Slope	Hickory	>5m			
Well drained					

Comments:

Ailanthus abundant in overstory and understory. Other hardwood present in overstory (e.g. tulip poplar, black walnut, red oak). Understory consists of : Rubus, jewelweed, goldenrod, ferns, false Solomon's seal, and other herbaceous species.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 263
Acreage: 0.44
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m			Fire
Deciduous	Black cherry	>5m			
Phanerophytes	Black locust	>5m			
Slope	Red oak	>5m			
Well drained	White ash	>5m			

Comments:

Abundant Ailanthus regeneration underneath overstory species listed above. Ground cover includes: jewelweed, Rubus, goldenrod, white snakeroot, and others.

Unit: 264
Acreage: 0.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	<5m		Foot traffic	Fire
Deciduous	Red oak	>5m			
Phanerophytes	Rubus	<5m			
Slope	Black cherry	<5m & >5m			
Well drained	Black locust	<5m & >5m			
	White ash	>5m			

Comments:

Woodland clearing with abundant Ailanthus and Rubus. Trail though center. Ground cover includes: jewelweed, sensitive fern, other ferns, and other herbaceous species. Unit is impenetrable.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 265
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Tulip poplar	>5m		Foot traffic	Fire
Deciduous	Red oak	<5m & >5m			
Phanerophytes	Sassafras	<5m			
Slope	Rubus	<5m			
Moist	Black locust	<5m			
	Black cherry	<5m			

Comments:

Woodland with scattered large residuals. Abundant regeneration; periodically burned. Regeneration is mostly Sassafras, black cherry, and oak. Ground cover : Rubus, goldenrod, loosestrife, and other misc. herbs.

Unit: 266
Acreage: 0.53
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Willow	<5m		Foot traffic	Fire
Deciduous	Red maple	<5m & >5m			
Geophytes	Red oak	>5m			
Slope	Tulip poplar	>5m			
Moist	American sycamore	>5m			
	Cattail	<5m			

Comments:

Small, moist woodland. Moisture most likely due to nearby drainage ditch and spring to the west. Cattail and sedge flush. Ground cover :goldenrod, jewelweed, sedge, sensitive fern, other ferns, cattails, and other wet site species.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 267
Acreage: 0.66
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White pine	>5m		Foot traffic	Fire
Evergreen	Red pine	>5m		Fireplace	
Therophytes	Jewelweed	<5m			
Slope	White snakeroot	<5m			
Well drained	Wild rhubarb	<5m			
	Ferns	<5m			

Comments:

Small stand of white pine with some red pines interspersed. Recently burned. A lot of ground cover regeneration (e.g. species mentioned above, smartweed, false Solomon's seal, black cherry and hickory saplings, etc.). Small trees invading on outskirts of unit.

Unit: 268
Acreage: 0.51
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m	Exotics	Auto Access	Fire
Deciduous	Black locust	>5m			
Phanerophytes	Black cherry	>5m			
Slope	Jewelweed	<5m			
Well drained	Honeysuckle sp.	<5m			
	Perennial herbs	<5m			

Comments:

Dense stand of Ailanthus and locust (predominately Ailanthus) with a lot of Ailanthus regeneration. Ground cover is also quite dense and consists of many herbaceous species (e.g. Virginia creeper, aster day lily, a bit of Rubus along the edge, etc.).

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 269
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m	Foundation	Auto Access	
Deciduous	White snakeroot	<5m	Exotics		
Geophytes	Perennial herbs	<5m			
Slope	Rubus	<5m			
Well drained	Ailanthus	<5m			

Comments:

White poplar stand, small DBH. Understory very diverse, many herbaceous species, vines, Rubus, and some tree regeneration (hickory, black cherry, Ailanthus). Remains of house or building foundation near edge of unit suggests area was originally open. Poplars are quite dense. Presence of some landscaping or garden species.

Unit: 270
Acreage: 0.00
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m	Exotics	Auto Access	Compaction
	Plantain	<5m		Foot traffic	
Hemicryptophytes	Goldenrod	<5m			
Level	Clover	<5m			
Well drained	Day lily	<5m			

Comments:

Small clearing on edge of closed forest. Mostly herbaceous species (as mentioned above) with some small trees (locust, silver maple, Ailanthus). Other species include: wild grape, wild rhubarb, mugwort, moth mullein, dogbane.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 271
Acreage: 1.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black birch	<5m & >5m	Stone wall	Foot traffic	
Deciduous	Red oak	<5m & >5m			
Phanerophytes	Black cherry	<5m			
Slope	White ash	<5m			
Moist	Virginia creeper	<5m			

Comments:

Stand of black birch at edge of Phragmites. Understory consists of abundant tree regeneration (white oak, black oak, white ash, black cherry, hickory, black birch) and herbaceous species (grasses, jewelweed, white snakeroot).

Unit: 272
Acreage: 1.51
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Tulip poplar	>5m		Foot traffic	Fire
Deciduous	Hickory	>5m		Auto Access	
Geophytes	Black birch	>5m			
Slope	Red oak	>5m			
Well drained	White oak	>5m			

Comments:

Recently burned area. Overstory predominately tulip poplar, other species as listed above. Ground cover consists of diverse herbaceous species (e.g. wild geranium, ferns, Virginia creeper, goldenrod, asters, black snakeroot, dodder, Rubus, etc).

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 273
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Goldenrod	<5m		Sitting	Trash
	Garlic mustard	<5m		Fireplace	Dumping
Geophytes	Ailanthus	<5m		Foot traffic	Fire
Slope	Switchgrass	<5m			
Excess drained	Perennial herbs	<5m			

Comments:

Coarse sandy area with extremely sparse vegetation. Bordered by high marsh and forest.

Unit: 274
Acreage: 5.93
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Salt mdw cordgrass	<5m	Catwalk	Foot traffic	Trash
	Spikegrass	<5m			
Hemicryptophytes	Marsh elder	<5m			
Level	Goldenrod	<5m			
Surface water					

Comments:

Large high marsh at edge of closed forest. Typical high marsh vegetation. Small woodland located in center. Catwalks leading from forest to woodland. Rock wall running through marsh--possibly a breakwater?

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 275
Acreage: 0.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m		Foot traffic	Trash
Deciduous	Blackgrass	<5m			
Chamaephytes	Salt mdw cordgrass	<5m			
Level	Goldenrod	<5m			
Moist	Spikegrass	<5m			
	Switchgrass	<5m			

Comments:

A band of marsh elder with much grass cover. A band of goldenrod and some other species (shining sumac, marsh mallow, cherry regeneration, etc.) is between the marsh elder and the forest.

Unit: 276
Acreage: 0.58
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			Trash
Hemicryptophytes					
Level					
Wet					

Comments:

Long band of Phragmites in between closed forest and high marsh.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 277
Acreage: 0.67
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	>5m	Benches	Foot traffic	Trash
Deciduous	Post oak	>5m		Sitting	Fire
Phanerophytes	Black oak	<5m & >5m		Picnic	
Knoll	Black cherry	<5m & >5m			
Well drained	Sassafras	<5m & >5m			
	Serviceberry	<5m			

Comments:

Knoll located in middle of a high marsh. East half is a woodland and west is dense woodland. West has more diverse understory (tree regeneration, grasses, day lily, poison ivy, rose, goldenrod, vines, mugwort, loosestrife, etc.)

Unit: 278
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m	Catwalk	Foot traffic	
Deciduous	Rose	<5m			
Chamaephytes	Marsh mallow	<5m			
Level	High marsh grasses	<5m			
Wet	Poison ivy	<5m			
	Goldenrod	<5m			

Comments:

Band of marsh elder surrounding woodland in center of marsh. Cover is dense--species consist of those listed above and elderberry, curly dock, wild asparagus, mugwort, other grasses, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 279
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Smooth sumac	<5m		Foot traffic	
Deciduous	Shining sumac	<5m			
Phanerophytes	Cool season grass	<5m			
Slope	Poison ivy	<5m			
Well drained	Goldenrod	<5m			
	Oak	<5m			

Comments:

Small shrubland with a clearing/meadow in the center. Oak regeneration (black, white, post) abundant amongst shrubs. Unit extends onto large rock outcropping where poison ivy is quite prolific.

Unit: 280
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m	Exotics	Foot traffic	Trash
Deciduous	Linden	>5m			
Phanerophytes	Goldenrod	<5m			
Slope	Rubus	<5m			
Excess drained	Virginia creeper	<5m			
	Switchgrass	<5m			

Comments:

Small clonal unit of white poplar with a lot regeneration. Ground cover is fairly dense and consists of species mentioned above.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 281
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m	Badminton	Foot traffic	Trash
	Switchgrass	<5m		Fireplace	
Hemicryptophytes	Goldenrod	<5m			
Level	Mugwort	<5m			
Excess drained					

Comments:

Open area between closed forest and high marsh. Abandoned badminton court make up most of the unit. Soil is coarse sand. Other perennial herbs present.

Unit: 282
Acreage: 0.84
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m	Cement slab	Foot traffic	Fire
Deciduous	Red oak	<5m & >5m			
Phanerophytes	Black oak	<5m & >5m			
Slope	Sassafras	<5m			
Moist	Black locust	<5m & >5m			
	White ash	>5m			

Comments:

Closed forest with dense understory of tree regeneration. Sassafras being the number one regenerate. Oak /hickory overstory with dense Sassafras regeneration.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 283
Acreage: 0.76
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Cement slab	Foot traffic	
Deciduous	Black oak	<5m & >5m			
Geophytes	Hickory	<5m & >5m			
Slope	White ash	>5m			
Moist	White oak	<5m & >5m			
	Black cherry	<5m			

Comments:

Oak/hickory overstory with thin understory of perennial herbs and cool season grasses. Some tree regeneration, but not as much as unit 282. Other species: goldenrod, Rubus.

Unit: 284
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	<5m & >5m		Foot traffic	
Deciduous	White oak	>5m			
Phanerophytes	Grey birch	>5m			
Level	Post oak	>5m			
Moist	Viburnum	<5m			
	Goldenrod	<5m			

Comments:

Very dense understory beneath open woodland. Extremely diverse in species (including those mentioned above, Phragmites, bayberry, Rubus, wild strawberry, yarrow, sumac, honeysuckle, grape, dogbane, apple, ash regeneration, black cherry).

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 285
Acreage: 4.48
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>5m	Stone wall	Foot traffic	Fire
Deciduous	White oak	>5m		Auto Access	
Phanerophytes	Tulip poplar	>5m			
Slope	sumac	<5m			
Moist	Goldenrod	<5m			

Comments:

Recently burned area with large overstory oaks. A lot of ground cover regeneration--especially sumac. Other species: jewelweed, wild geranium, loosestrife, dodder, Rubus, Sassafras, figwort, and other herbaceous species.

Unit: 286
Acreage: 4.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Fence	Foot traffic	Fire
Deciduous	Bitternut hickory	>5m	Full crown		
Hemicryptophytes	Sweetgum	>5m			
Undulating	Tulip poplar	>5m			
Well drained	White oak	>5m			
	Black birch	>5m			

Comments:

Overstory is large hardwoods (esp. oak/hickory). Understory predominately Rubus and herbaceous species that are controlled by fire. Ground cover : jewelweed, aster, Rubus, goldenrod, polygonum, and other herbaceous species. Woody regeneration is sparse and includes: black cherry, sweetgum, white ash, red oak. Pignut hickory and black cherry are also in the story.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 287
Acreage: 0.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m			
Deciduous	Black cherry	<5m & >5m			
Chamaephytes	Rubus	<5m			
Level					
Well drained					

Comments:

Black locust overstory with scattered black cherry. Same as 243 except... locust mortality due to burns, black cherry regeneration has been burned off, lots of Rubus brought in from the burn.

Unit: 288
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m			Dumping
Deciduous	Honeysuckle sp.	>5m			
Lianas					
Slope					
Moist					

Comments:

Small stand of Ailanthus; formerly site of dump. Ground cover is predominately honeysuckle vines with other herbaceous vegetation present. Garlic mustard, polygonum, rough avens.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 289
Acreage: 1.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m		Foot traffic	Fire
Deciduous	Black locust	<5m & >5m			
Phanerophytes	Sassafras	>5m			
Level	Pin oak	>5m			
Well drained	Hickory	<5m & >5m			
	White ash	<5m & >5m			

Comments:

Overstory mostly black cherry and locust. Ground cover consists of many herbaceous species and tree regeneration (result of fire). Herbaceous species include: Virginia creeper, poison ivy, honeysuckle, Viburnum, aster, polygonum, jewelweed, elderberry.

Unit: 290
Acreage: 0.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Japanese knotweed	<5m		Foot traffic	Trash
	Jewelweed	<5m			
Geophytes	Marsh mallow	<5m			
Level	Goldenrod	<5m			
Moist	Garlic mustard	<5m			
	Perennial herbs	<5m			

Comments:

Small band of dense Japanese knotweed and other herbaceous species between forest and high marsh. Bordering trees have canopies overhanging area.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 291
Acreage: 16.91
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Stone wall	Foot traffic	
Deciduous	White oak	<5m & >5m		Auto Access	
Geophytes	Black oak	<5m & >5m			
Slope	Tulip poplar	<5m & >5m			
Well drained	Hickory	<5m & >5m			
	Black birch	>5m			

Comments:

Large oak/hickory stand. Trees are generally of large diameter. Other tree species present: black cherry. Understory dense and diverse with tree regeneration and herbaceous species. Examples: wild geranium, bittersweet, garlic mustard, Joe pye weed, goldenrod, jewelweed, ferns, sensitive fern, Rubus, etc.. Unit transected by many trails.

Unit: 292
Acreage: 1.95
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m	Stone wall		
Deciduous	Black cherry	<5m & >5m	Exotics		
Phanerophytes	Honeysuckle sp.	<5m			
Undulating	Rubus	<5m			
Well drained	Jewelweed	<5m			
	Honey locust	>5m			

Comments:

Large unit of locust located in former site of estate. Both overstory and ground cover are dense. Some unusual species are found (e.g. Black walnut, honey locust, day lilies, etc.) probably due to the history of the site. Other species: Solomon's seal, elderberry, Virginia creeper, wild grape, mustards, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 293
Acreage: 8.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Oaks	<5m & >5m	Stone wall	Foot traffic	Dumping
Deciduous	American sycamore	>5m	Exotics		
Geophytes	Tulip poplar	>5m	Foundation		
Undulating	Black birch	>5m			
Moist	Black locust	>5m			
	White poplar	<5m & >5m			

Comments:

Large, diverse unit with many historical indicators, including full-crown tree. Area had been open at one at one time (historical photos) and was the site of an estate. It is difficult to put species in order of dominance because of unit size and diversity. Many large, old trees scattered throughout. Other species: Horse chestnut, sugar maple, honey locust, Ailanthus, mulberry, black walnut, black cherry, jewelweed, day lily, Rubus and many other herbaceous plants.

Unit: 294
Acreage: 2.89
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		Auto Access	Fire
Deciduous	Black cherry	<5m & >5m		Foot traffic	
Phanerophytes	Honeysuckle sp.	<5m			
Level	Sassafras	<5m			
Well drained	Hickory	<5m			
	Red oak	<5m			

Comments:

Large black locust stand transected by a road/tail. West side has less tree regeneration than east side. Small part of west side has been burned. Understory is dense with jewelweed, honeysuckle. Other species: Rubus, sugar maple, goldenrod, mulberry, rose, aster, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 295
Acreage: 2.52
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Picnic area	Foot traffic	Trash
Deciduous	Sweetgum	<5m & >5m	Fence		Dumping
Chamaephytes	Sassafras	<5m & >5m			
Level	Pin oak	>5m			
Moist	Hickory	>5m			
	Honeysuckle sp.	<5m			

Comments:

Large, diverse unit. Once the site of a picnic area. Much sapling size regeneration, especially black cherry. Understory dense. Species include: honeysuckle, aster, poison ivy, cool season grasses, mulberry, jewelweed, etc.. Small clearing in unit near road edge consisting of jewelweed and dense lianas.

Unit: 296
Acreage: 0.85
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m	Exotics		Dumping
Deciduous	Black cherry	<5m			
Phanerophytes	Honeysuckle sp.	<5m			
Level	Ailanthus	<5m & >5m			
Well drained	Garlic mustard	<5m			
	Jewelweed	<5m			

Comments:

Uneven aged stand of white poplar with some Ailanthus. Dense understory (thick and tall), in particular, honeysuckle. A lot of tree regeneration (oak, hickory, poplar, black cherry, Ailanthus). Other species: poison ivy, periwinkle, chives, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 297
Acreage: 2.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sumac	<5m		Foot traffic	
Deciduous	Pin oak	>5m		Auto Access	
Phanerophytes	Black cherry	<5m & >5m			
Slope	Rubus	<5m			
Well drained	Mugwort	<5m			
	Wild grape	<5m			

Comments:

Site of former clearing surrounded by closed forest. Rapidly revegetating; dense, impenetrable. Many young trees that appear to be taking over in spots. High bird population. Other species: common milkweed, honeysuckle, Sassafras; along road : grasses, plantain, and clover.

Unit: 298
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sesame grass	<5m		Foot traffic	
	Smooth sumac	<5m		Auto Access	
Geophytes	Poison ivy	<5m			
Slope	Milkweed	<5m			
Moist	Goldenrod	<5m			
	Mugwort	<5m			

Comments:

Small unit of sesame grass adjacent to road in the middle of clearing. Various other species (as listed above) scattered throughout.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 299
Acreage: 0.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	>5m	Foundation	Foot traffic	
Deciduous	Goldenrod	<5m		Auto Access	
Phanerophytes	Honeysuckle sp.	<5m			
Slope	Jewelweed	<5m			
Moist	Black cherry	<5m & >5m			
	Garlic mustard	<5m			

Comments:

Small stand of young Sassafras with dense understory. A lot of tree regeneration (black cherry, oak, sumac, Sassafras). Other species: rose, mugwort, Virginia creeper, Rubus, lianas.

Unit: 300
Acreage: 12.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Aquatic plant	Salt wtr cordgrass	<5m	Mosq ditch		
Geophytes					
Level					
Surface water					

Comments:

Intertidal salt marsh that is flooded almost daily along natural channel and man-made mosquito ditches. Water is fed though the culvert passing under the Hutchinson River Parkway. Marsh consists mostly of salt water cordgrass, but there is also some glasswort and goosefoot. Note: There are a few units with the same number within the marsh area.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 301
Acreage: 26.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m			
	Salt mdw cordgrass	<5m			
Geophytes	Blackgrass	<5m			
Level					
Wet					

Comments:

High marsh of salt water wetland. Flooded periodically. Does not exhibit typical high marsh vegetation zonation: normally less black grass is present than observed here. Possibly tidal flushing is impeded. Other plants: glasswort, sea lavender, marsh elder, Phragmites. There are several units with this # within the marsh area.

Unit: 302
Acreage: 10.37
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			
Deciduous	Blackgrass	<5m			
Chamaephytes	Spikegrass	<5m			
Level	Salt mdw cordgrass	<5m			
Wet					

Comments:

Marsh elder is typical of upper salt marsh border, but is also found in clumps in the salt-marsh and usually indicating slightly lower salinity. Several units with the same # are within the marsh area.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 303
Acreage: 16.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
	Blackgrass	<5m			
Geophytes	Marsh elder	<5m			
Level					
Wet					

Comments:

Phragmites on upper salt marsh border. Wet site, receives little tidal flushing. Occasional herbaceous plants scattered throughout. Several units with the same # are within marsh area.

Unit: 304
Acreage: 0.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Smooth sumac	<5m			
Deciduous	Marsh elder	<5m			
Phanerophytes	Goldenrod	<5m			
Slope	Black cherry	<5m & >5m			
Moist	Rubus	<5m			
	Curly dock	<5m			

Comments:

Shrubland between upper salt marsh border and forest. Near site of demolished building. Forest edge community. Also, cool season grasses and other herbaceous plants.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 305
Acreage: 0.32
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black willow	<5m & >5m			
Deciduous	Jewelweed	<5m			
Phanerophytes	Green ash	>5m			
Level	Phragmites	<5m			
Wet	Goldenrod	<5m			
	Garlic mustard	<5m			

Comments:

Willow at edge of high marsh and Phragmites. Soil is wet and influenced by freshwater channel from north which contrasts dramatically with surrounding foliage in spring time.

Unit: 306
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Swamp white oak	>5m	Stream	Bridle path	
Deciduous	American sycamore	>5m			
Therophytes	Jewelweed	<5m			
Level	Garlic mustard	<5m			
Wet	Cattail	<5m			
	Fringe loosestrife	<5m			

Comments:

A woodland swamp right on the bridal path. A stream (manmade or natural?) passes though unit. Notable for cattails and 2 large swamp white oaks. Many birds. Swampy vegetation include fringed loosestrife and many willow herb. Other species: Joe pye weed green ash saplings, Viburnum, goldenrod, enchanter's nightshade, meadow rue, geranium, some lianas-wisteria.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 307
Acreage: 1.65
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Mosq ditch		Dumping
Deciduous	Black cherry	<5m & >5m			Erosion
Phanerophytes	Buckthorn	<5m			
Slope	Elderberry	<5m			
Well drained	Sassafras	<5m			
	Viburnum	<5m			

Comments:

Highly disturbed strip between the Phragmites and the railroad. Area dense with black locust. There are a large number of snags and logs; old railroad ties and slag have been dumped. Tail end of mosquito ditch is here ; therefore, there are some wet spots. Other species : Virginia creeper, Rubus, honeysuckle, poison ivy, goldenrod, rose, meadow brue, bittersweet, nightshade, and Ailanthus.

Unit: 308
Acreage: 2.44
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Bridle path	Dumping
Deciduous	Black cherry	<5m & >5m		Foot traffic	Trash
Phanerophytes	Viburnum	<5m			
Level	Japanese honeysuckle	<5m			
Moist	Jewelweed	<5m			
	Garlic mustard	<5m			

Comments:

Older black locust and black cherry stand between Split Rock Golf Course and the high marsh. Other species: mulberry, white ash, poison ivy, sumac, rose, Virginia creeper, white snakeroot, and enchanter's nightshade.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 309
Acreage: 3.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	<5m & >5m	Stone wall	Foot traffic	Fire
Deciduous	Red oak	<5m & >5m			
Phanerophytes	Black oak	<5m & >5m			
Knoll	Mockernut hickory	<5m & >5m			
Well drained	Shagbark hickory	<5m & >5m			
	Sarsaparilla	<5m			

Comments:

Oak-hickory forest bordering marsh. Understory is sparse, but oak-hickory regeneration is very evident. Traces of fire in some parts of the unit. Other species: Sassafras saplings, black cherry, buckthorn, Rubus, blueberry, whorled loosestrife, false Solomon's seal, goldenrod, spotted wintergreen, and pteridum.

Unit: 310
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Groundsel tree	<5m			Trash
Deciduous	Elderberry	<5m			
Phanerophytes	Phragmites	<5m			
Slope	Marsh elder	<5m			
Moist					

Comments:

Transitional zone between wetland and forest. Mostly shrubs (listed above) and Phragmites, but there are also sparse intermingling of seaside goldenrod, blackgrass, wild grape, and switchgrass.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 311
Acreage: 0.80
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m		Foot traffic	
Deciduous	White oak	>5m			
Phanerophytes	Black cherry	<5m			
Level	Sassafras	<5m			
Well drained	Hickory	<5m			

Comments:

Predominantly black oak understory with mixed deciduous woody understory vegetation, comprised mostly of black cherry. Ground cover consists of cool season grasses, goldenrod, and other miscellaneous perennial herbs. Wild grape also noted.

Unit: 312
Acreage: 0.49
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Auto Access	Dumping Trash
Geophytes					
Slope					
Wet					

Comments:

Uniform area of Phragmites. Vigor of species (i.e. height, density) is increasing as the distance from the salt water increases. Starting signs for crew races present. Species near road include: poison ivy, bindweed, jewelweed, mugwort, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 313
Acreage: 0.50
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m	Ditching		Trash
	Salt mdw cordgrass	<5m			
Geophytes	Salt wtr cordgrass	<5m			
Level	Marsh elder	<5m			
Surface water					

Comments:

High marsh area between the shoreline and the Phragmites. Near to starting point of the crew races. Salt water cordgrass is present only along the inner tidal border. Marsh elder is present but sparse.

Unit: 314
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m		Auto Access	Trash
Deciduous	Black willow	>5m		Foot traffic	
Phanerophytes	Black locust	>5m			
Slope	Black cherry	>5m			
Moist	Ailanthus	>5m			
	Box Elder	>5m			

Comments:

Woodland strip between road and the Phragmites. Ground cover consists of: mugwort, goldenrod, wild grape, poison ivy, sycamore maple, and some lianas. Some Phragmites also present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 315
Acreage: 0.59
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			Trash
Deciduous	Blackgrass	<5m			
Chamaephytes	Spikegrass	<5m			
Level	Salt mdw cordgrass	<5m			
Wet	Goldenrod	<5m			

Comments:

Shrubland with tidal influences forms a band around high marsh grassland. Little usage of area.

Unit: 316
Acreage: 0.80
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m		Foot traffic	Trash
Deciduous	Black locust	>5m			Dumping
Phanerophytes	Black cherry	<5m			
Slope	Poison ivy	<5m			
Moist	Rubus	<5m			
	Cool season grass	<5m			

Comments:

Dense white poplar band surrounding aviation aid station. Side lighting of building promoted understory growth. Ground cover includes: white snakeroot, day lily, and honeysuckle.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 317
Acreage: 0.19
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Aviation ai	Herbicide
	Switchgrass	<5m		Auto Access	Compaction
Hemicryptophytes	Goldenrod	<5m			
Level					
Well drained					

Comments:

Former site of building. White poplar stand cleared for aviation transmitter location; area surrounded by seven foot barbed wire fence. Vegetation is maintained in herbaceous condition; some white poplar and sumac regeneration near fence. Crushed stone driveway. Meadow consists of mixed grasses and perennial herbs.

Unit: 318
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			
	Phragmites	<5m			
Chamaephytes	Spikegrass	<5m			
Level	Salt mdw cordgrass	<5m			
Wet					

Comments:

A salt marsh border predominantly consisting of marsh elder mixed with Phragmites. Transition between white poplar and high marsh grassland. More Phragmites present than in unit 320.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 319
Acreage: 0.94
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m			Vandalism
	Salt mdw cordgrass	<5m			
Geophytes	Blackgrass	<5m			
Level	Marsh elder	<5m			
Wet	Glasswort	<5m			

Comments:

High marsh, peat soil. Black grass is present only at the high edge; yet, overall there is little blackgrass and marsh elder.

Unit: 320
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			
Deciduous	Phragmites	<5m			
Chamaephytes	Spikegrass	<5m			
Level	Salt mdw cordgrass	<5m			
Wet					

Comments:

Marsh elder shrubland at edge of salt marsh changes to white poplar. Phragmites sparsely present--even less than in unit 318.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 321
Acreage: 1.00
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Foot traffic	Fallen dock
	Marsh elder	<5m			Trash
Geophytes	Blackgrass	<5m			
Level	Goldenrod	<5m			
Wet					

Comments:

Marsh elder concentrated along footpath but sparsely scattered throughout unit. Forest edge vegetation present at border between Phragmites and trees. Transitional zone. A low abundance of other species throughout area, such as salt meadow cordgrass, spikegrass, goosefoot, and switchgrass.

Unit: 322
Acreage: 0.35
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sumac	<5m		Foot traffic	Compaction
Deciduous	Phragmites	<5m		Auto Access	
Phanerophytes	Groundsel tree	<5m			
Level	Dogwood spp.	<5m			
Well drained	Bittersweet	<5m			

Comments:

Dense vegetation on either side of limited access road; predominantly shrubs but also an abundance of herbaceous species. Other species: Viburnum, elderberry, rose, wild grape, poison ivy, goldenrod, plantain, curly dock, milkweed, switchgrass, and other perennial herbs.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 323
Acreage: 0.83
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>5m		Foot traffic	
Deciduous	Red oak	>5m		Auto Access	
Hemicryptophytes	Hickory	>5m			
Level	White oak	>5m			
Well drained	Black cherry	>5m			
	Cool season grass	<5m			

Comments:

Closed oak-hickory forest with a mowed lawn understory along an active road.

Unit: 324
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m		Auto Access	Trash
	Jewelweed	<5m			
Hemicryptophytes	Curly dock	<5m			
Level	Bedstraw	<5m			
Well drained	Rubus	<5m			
	Poison ivy	<5m			

Comments:

Area comprised mostly of herbaceous species; also, some Rubus, honeysuckle, and rose. Woody saplings include hickory, buckthorn, oak, and mulberry.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 325
Acreage: 0.67
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m	Fence	Foot traffic	Trash
Deciduous	Hickory	<5m & >5m			
Geophytes	Black tupelo	<5m & >5m			
Level	White oak	>5m			
Well drained	Pin oak	>5m			
	American elm	>5m			

Comments:

Closed forest with a herbaceous understory characterized by white snakeroot, aster, and geranium.

Unit: 326
Acreage: 0.92
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Willow	>5m			Trash
Deciduous	Red maple	>5m			
Chamaephytes	Sycamore maple	>5m			
Undulating	American elm	>5m			
Well drained	Black locust	>5m			
	White ash	>5m			

Comments:

Woodland with shrubs in between individual trees. Vegetation includes Rubus and cat brier. Area bordered by Phragmites; unit is dense, difficult to penetrate.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 327
Acreage: 0.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m	Fence	Foot traffic	Dumping
Deciduous	White snakeroot	<5m			
Geophytes	Goldenrod	<5m			
Level	Downy arrowwood	<5m			
Moist	Ferns	<5m			
	Rose	<5m			

Comments:

Dense stand of Sassafras saplings with a stone wall running through it. Ground cover is sparse in the center of the stand and denser along the edges possibly due to side lighting. Other species include garlic mustard, poison ivy, and wild grape. Also, vagabond homestead that has been burned in area.

Unit: 328
Acreage: 0.80
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m		Foot traffic	
Deciduous	Black locust	<5m & >5m			
Geophytes	Goldenrod	<5m			
Level	White snakeroot	<5m			
Well drained	Rubus	<5m			
	Elderberry	<5m			

Comments:

Dense understory, predominantly herbaceous. Although it is a closed forest, the number of trees in the unit are low. Other species include: mulberry, cinquefoil, garlic mustard, lianas, wild grape, and honeysuckle.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 329
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m			
Deciduous	Post oak	>5m			
Phanerophytes	Sassafras	<5m & >5m			
Level	Burning bush	<5m			
Moist	Goldenrod	<5m			
	White snakeroot	<5m			

Comments:

Young stand of black cherry. Other overstory species include Sassafras and post oak. Ground cover also consists of Rubus, poison ivy, and patches of star moss.

Unit: 330
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes					
Knoll					
Moist					

Comments:

Ground cover is sparse but also includes Virginia creeper, white snakeroot, rose, deadly nightshade, poison ivy, and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 331
Acreage: 0.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m		Foot traffic	Trash
Deciduous	Red maple	>5m			
Phanerophytes	Sumac	<5m			
Slope	Elderberry	<5m			
Moist	Viburnum	<5m			

Comments:

Ground cover consists of goldenrod, rose, Rubus, poison ivy, dogbane, honeysuckle, switchgrass, yarrow, wild strawberry, and apple.

Unit: 332
Acreage: 0.83
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m	Fence	Foot traffic	Trash
	Spikegrass	<5m			
Geophytes	Glasswort	<5m			
Level					
Wet					

Comments:

Phragmites are taller and more prevalent towards the forest. Marsh elder, seaside goldenrod and sea lavender more evident near rock wall.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 333
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			Trash
Deciduous	Phragmites	<5m			
Chamaephytes	Goldenrod	<5m			
Level					
Wet					

Comments:

Unit: 334
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m		Foot traffic	Trash
Deciduous	Blackgrass	<5m			Vandalism
Chamaephytes	Goldenrod	<5m			
Level					
Moist					

Comments:

Marsh elder stand containing some six foot plants. Some white poplar saplings are growing near the inner boundary.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 335
Acreage: 0.64
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m		Foot traffic	Trash
	Blackgrass	<5m			
Geophytes	Goldenrod	<5m			
Level	Salt wtr cordgrass	<5m			
Wet	Glasswort	<5m			

Comments:
 High march grasses with matted older grasses washed up from the marsh.

Unit: 336
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			Trash
	Marsh elder	<5m			
Geophytes	Salt mdw cordgrass	<5m			
Level	Spikegrass	<5m			
Wet					

Comments:

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 337
Acreage: 0.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sumac sp.	<5m			Dumping
Deciduous	Rubus	<5m			Trash
Phanerophytes	Elderberry	<5m			
Level	Willow spp.	<5m			
Moist					

Comments:

Other species include: mint, curly dock, dogbane, and white poplar saplings.

Unit: 338
Acreage: 0.43
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m	Fence	Foot traffic	Trash
Deciduous	Pin oak	>5m	Fullcrown		
Phanerophytes	Sassafras	<5m & >5m			
Slope	Black cherry	<5m & >5m			
Moist	White oak	>5m			

Comments:

Well-established clonal patch of white poplar; the original tree, perhaps planted, still alive near fence. Two full crown trees are white poplar and black cherry. Understory is fairly herbaceous consisting of seedlings of poplar, Sassafras, black cherry, and pignut hickory. It also includes poison ivy, Virginia creeper, white snakeroot, goldenrod, day lily, Canada lily, and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 339
Acreage: 0.43
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m		Foot traffic	Trash
Deciduous	Goldenrod	<5m			
Chamaephytes	Groundsel tree	<5m			
Level	Blackgrass	<5m			
Moist	Three square sedge	<5m			

Comments:

Marsh elder stand is somewhat divided near the drainage ditch by salt meadow, sedges, and blackgrass, and then to the northeast by saltwater cordgrass. Drainage ditch runs from the Phragmites area in unit 341. Salt water cordgrass becomes more prevalent towards the marsh in the drainage ditch; periodic flooding in ditch.

Unit: 340
Acreage: 1.96
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m		Sports	Trash
	Blackgrass	<5m		Foot traffic	
Geophytes	Salt mdw cordgrass	<5m			
Level					
Wet					

Comments:

Salt water marshland with ditching. Occasional flooding occurs leaving behind flotsam. Outcropping of marsh elder in a few areas; also, some water cordgrass emerging from the ditches.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 341
Acreage: 0.93
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Foot traffic	Fire
Geophytes					
Level					
Wet					

Comments:

Dense stand of Phragmites that is mixed with spikegrass and blackgrass along its border and with marsh elder and rose along the footpath. Northeast section burned on June 7, 1985.

Unit: 342
Acreage: 1.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m		Foot traffic	Fire
Deciduous	Spikegrass	<5m			
Chamaephytes	Blackgrass	<5m			
Level					
Wet					

Comments:

Marsh elder stand bordering unit 344 and running along the drainage ditches. Evidence of fire scars throughout area. Blackgrass appears to be taller here than in neighboring patches.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 343
Acreage: 0.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m		Foot traffic	Fire
Deciduous	Post oak	<5m & >5m			
Phanerophytes	Sumac sp.	<5m			
Slope	Pin oak	>5m			
Well drained	Viburnum	<5m			
	Pignut hickory	>5m			

Comments:

Forest predominantly Sassafras; some pignut hickory and other deciduous tree species. Understory vegetation includes goldenrod, cool season grasses, Rubus, Virginia creeper, poison ivy, and two species of Viburnum.

Unit: 344
Acreage: 0.97
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed forest	White oak	>5m		Foot traffic	Fire
Deciduous	Pin oak	>5m		Fireplace	
Phanerophytes	Shagbark hickory	>5m			
Knoll	Sassafras	<5m & >5m			
Well drained	Black oak	<5m & >5m			
	Post oak	<5m & >5m			

Comments:

Rock outcrop surrounded by salt marsh. Understory species consist of blueberry, bay berry, two species of Viburnum, cool season grasses, woodland aster, yellow-eyed grass, and Lysimachia. Fire occurrence in June 1985.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 345
Acreage: 0.41
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Mulberry spp.	<5m & >5m		Foot traffic	Trash
Deciduous	Black locust	>5m		Auto access	
Phanerophytes	Sycamore maple	<5m & >5m			
Slope	Green ash	>5m			
Moist	Pin oak	>5m			
	Vines	<5m & >5m			

Comments:

Mixed hardwood border next to road that divides unites 346 and 326. Understory species: goldenrod, mugwort, garlic mustard, honeysuckle, and Rubus.

Unit: 346
Acreage: 1.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	<5m & >5m	Fullcrown	Foot traffic	Trash
Deciduous	Green ash	>5m			Dumping
Phanerophytes	Black cherry	>5m			
Level	Pin oak	>5m			
Wet	Black chokeberry	<5m			
	Viburnum	<5m			

Comments:

Wet lowland area with a full crown pin oak on the western edge. There are a few open areas dominated by jewelweed, cool season grasses, Virginia creeper, poison ivy. The general appearance is that of a relatively sparse understory.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 347
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m			
Deciduous	Sassafras	<5m			
Chamaephytes	Black chokeberry	<5m			
Level	Dogbane	<5m			
Wet	Jewelweed	<5m			
	Goldenrod	<5m			

Comments:

Clearing along drainage consisting mostly of raspberry and surrounded by trees.

Unit: 348
Acreage: 0.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>5m	Fullcrown	Foot traffic	
Deciduous	American elm	>5m			
Phanerophytes	Pignut hickory	>5m			
Slope	Bitternut hickory	>5m			
Moist	White oak	>5m			
	Green ash	<5m			

Comments:

Residual pin oaks with younger trees around the periphery. Understory includes numerous saplings and a herbaceous covering near the center trail.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 349
Acreage: 0.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black walnut	>5m	Fullcrown		
Deciduous	Bitternut hickory	>5m	Fence		
Phanerophytes	Pignut hickory	<5m & >5m			
Level	Sassafras	<5m			
Moist	Rubus	<5m			
	Ailanthus	<5m			

Comments:

Black walnut on the fencerow is stifling the growth of tree species. Understory species: white snakeroot, garlic mustard, whitewood aster, wild grape, black cherry, Virginia creeper, rose, honeysuckle, and Viburnum.

Unit: 350
Acreage: 0.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	White poplar	<5m & >5m			
Slope	Pignut hickory	<5m			
Moist	Buckthorn	<5m			

Comments:

Sassafras stand with some white poplar invading from the clonal patch to the north. Understory consists of garlic mustard, Rubus, goldenrod, white snakeroot, jewelweed, and rose.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 351
Acreage: 0.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	<5m & >5m	Exotic		Dumping
Decid.w/evergreen	Black cherry	<5m & >5m	Hedgerow		
Phanerophytes	Black locust	<5m & >5m	Fence		
Slope	White pine	>5m			
Moist	Silver maple	>5m			
	White oak	>5m			

Comments:

Old homestead with pin oak and white oak as full crown trees. Other trees include green ash and mulberry. Some exotic plantings are catalpa, privet, lilac, rose of Sharon, Japanese knotweed, and maple-leaved Viburnum. Understory species consist of Rubus , garlic mustard, day lily, white snakeroot, and Virginia creeper. Unit contains an abandoned vagabond hut.

Unit: 352
Acreage: 0.19
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m			Trash
Deciduous	Sassafras	<5m & >5m			Dumping
Chamaephytes	Grey birch	>5m			
Level	Viburnum .	<5m			
Moist	Rubus	<5m			

Comments:

A black cherry-Sassafras stand with crowns over fifty feet. Understory consists primarily of Rubus, Virginia creeper and Sassafras saplings.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 353
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m			
Deciduous	Jewelweed	<5m			
Chamaephytes	Bayberry	<5m			
Level					
Moist					

Comments:

A clearing that predominantly consists of Rubus.

Unit: 354
Acreage: 0.57
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m	Foundation	Foot traffic	Trash
Deciduous	Black cherry	<5m & >5m	Fence		
Phanerophytes	Pignut hickory	<5m & >5m			
Undulating	Pin oak	>5m			
Moist	Green ash	<5m			
	Black tupelo	>5m			

Comments:

Black cherry-Sassafras stand with elevated rock outcrop in the middle. An abundance of Sassafras, green ash, and hickory saplings. Understory consists of Virginia creeper, false Solomon's seal, and garlic mustard.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 355
Acreage: 0.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>5m	Fullcrown		Dumping
Deciduous	Pignut hickory	<5m & >5m	Landfill		Trash
Therophytes	Quaking aspen	>5m			
Level	Black cherry	<5m & >5m			
Moist	Pin oak	>5m			
	Viburnum	<5m			

Comments:

Stand includes a full crown white oak. Another unusual aspect it the clump of aspens. Understory vegetation is mainly jewelweed.

Unit: 356
Acreage: 0.73
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Full-crown	Foot traffic	Trash
Deciduous	Pignut hickory	<5m & >5m		Auto access	Dumping
Phanerophytes	Elm	<5m & >5m			
Slope	Pin oak	>5m			
Moist	Apple	>5m			
	Green ash	>5m			

Comments:

Mature stand of black cherry. Two full crown trees--ash and pin oak also a cherry snag. Understory consists of garlic mustard, honeysuckle, jewelweed, and Rubus. Also, Virginia creeper is climbing trees.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 357
Acreage: 1.48
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Foot traffic	Trash
Deciduous	Black cherry	>5m		Auto access	
Therophytes	White oak	<5m & >5m			
Slope	Elm	>5m			
Moist	Pin oak	>5m			
	Elderberry	<5m			

Comments:

Black locust dominating, crowns reaching up to one hundred feet. Understory primarily jewelweed and goldenrod up to three feet high. Other species: false Solomon's seal, garlic mustard, Rubus and sumac. Bitternut hickory and ash are also present.

Unit: 358
Acreage: 0.55
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pine oak	<5m & >5m	Fullcrown		Dumping
Deciduous	White oak	<5m & >5m	Fence		Trash
Geophytes	Sassafras	<5m & >5m			
Slope	Mockernut hickory	<5m & >5m			
Moist	Pignut hickory	<5m & >5m			
	Black cherry	<5m & >5m			

Comments:

Full crown trees include pin, white, and black oak. One standing dead oak. Mid-story trees are Sassafras, hickory, and pin oak. Understory includes: cool season grasses, jewelweed, goldenrod, Rubus, and elderberry. There are also grasses and some iris present near the Phragmites.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 359
Acreage: 1.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		Foot traffic	Trash
Deciduous	Black cherry	<5m & >5m		Auto access	Dumping
Chamaephytes	Green ash	>5m			
Slope	Mulberry	>5m			
Moist	Viburnum spp.	<5m			
	Rubus	<5m			

Comments:

Hardwood forest dominated by black locust: black cherry mixed in and other trees along the perimeter. Understory consists of Rubus, false Solomon's seal, and elderberry. Ground species: bellwort, cool season grasses, jewelweed, and day lily.

Unit: 360
Acreage: 0.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		Auto access	Trash
Deciduous	Viburnum	<5m			
Phanerophytes	Elderberry	<5m			
Slope					
Moist					

Comments:

Pure stand of black locust. Understory includes: Rubus, day lilies, jewelweed, and false Solomon's seal. Many songbirds in area.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 361
Acreage: 0.87
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Foot traffic	Fire
Deciduous					
Geophytes					
Level					
Wet					

Comments:

Recently burned Phragmites patch. Southern boundary and western edge of unit burnt entirely.

Unit: 362
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			
Deciduous	Spikegrass	<5m			
Chamaephytes	Salt mdw cordgrass	<5m			
Level	Blackgrass	<5m			
Wet	Phragmites	<5m			
	Goldenrod	<5m			

Comments:

Typical border community between low marsh and lowland forest. Area mixed with Phragmites to the west.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 363
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Groundsel tree	<5m			Trash
Deciduous	Marsh elder	<5m			
Phanerophytes	Bayberry	<5m			
Level	Goldenrod	<5m			
Moist	Marsh mallow	<5m			
	High marsh grasses	<5m			

Comments:

Slightly elevated area, drier than surrounding units, with some meadow species. Some Phragmites shoots near border to the west.

Unit: 364
Acreage: 0.03
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Post oak	<5m			Trash
Deciduous	Black cherry	<5m			
Phanerophytes	Chestnut oak	<5m			
Knoll	Bayberry	<5m			
Moist	Poison ivy	<5m			
	Virginia creeper	<5m			

Comments:

Slightly elevated knoll. Trees appear to be stunned, perhaps because of salt marsh influence (occasional flooding during storms). Other vegetation includes: salt meadow cordgrass, seaside goldenrod, rose, nightshade, and switchgrass.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 365
Acreage: 1.46
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	<5m & >5m		Auto Access	Fire
Deciduous	Shagbark hickory	<5m & >5m			Trash
Phanerophytes	Red oak	<5m & >5m			Dumping
Slope	Sassafras	<5m & >5m			
Well drained	Black cherry	<5m & >5m			
	Black locust	>5m			

Comments:

Oak-hickory overstory with Sassafras and hickory regeneration. Other trees: swamp white oak, Ailanthus, black tupelo, and pin oak. Ground vegetation includes: garlic mustard, white snakeroot, Virginia creeper, and Rubus. In June 1985, a fire in nearby phragmites burned border trees.

Unit: 366
Acreage: 0.82
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>5m	Fullcrown		Fire
Deciduous	Bitternut hickory	<5m & >5m			
Phanerophytes	Shagbark hickory	<5m & >5m			
Slope	Red oak	<5m & >5m			
Well drained	Post oak	>5m			
	Black cherry	<5m & >5m			

Comments:

Oak-hickory overstory with oak, hickory, and black cherry regeneration. Other trees are swamp white oak and Sassafras. There are also full crown pin oaks. Ground vegetation includes: garlic mustard, Virginia creeper, briers and Rubus. In June 1985 there was a fire along the border with Phragmites.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 367
Acreage: 0.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m			Fire
Deciduous					
Phanerophytes					
Slope					
Moist					

Comments:

White poplar stand with a few other trees in southern end such as red hickory and black cherry. The northern end includes: red oak, pin oak, post oak, bitternut hickory, and Viburnum. Fire in June 1985 severely damaged trees along border to the south with Phragmites. Understory includes lianas and greenbrier. Some trenching evident.

Unit: 368
Acreage: 0.23
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Persimmon	<5m			Fire
Deciduous	Post oak	>5m			
Phanerophytes	Sumac	<5m			
Slope	Poison ivy	<5m			
Well drained	Red hickory	>5m			
	Red maple	<5m			

Comments:

Large open space along rock outcrop with small trees, shrubs, lianas, and cool season grass. Other trees: grey birch and red oak. Ground vegetation includes rose, goldenrod, and brier.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 369
Acreage: 0.98
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m	Fullcrown	Auto Access	Trash
Deciduous	Black cherry	<5m & >5m	Road pathway		
Phanerophytes	Sassafras	<5m & >5m			
Knoll	Witch hazel	<5m			
Well drained	Black birch	>5m			
	Pignut Hickory	<5m & >5m			

Comments:

Red oak-black cherry stand with four full crown oaks along old pathway. Understory mostly woody plants (aforementioned saplings) plus Viburnum, Virginia creeper, poison ivy, and false Solomon's seal; garlic mustard and jewelweed are prominent near and on rock.

Unit: 370
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	Red oak	>5m			
Phanerophytes	Black cherry	<5m & >5m			
Slope					
Moist					

Comments:

Black locust dominates the overstory. Understory includes: Virginia creeper, Rubus, Viburnum, and false Solomon's seal.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 371
Acreage: 0.78
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m			Fire
Deciduous	Pin oak	<5m & >5m			
Phanerophytes	Red oak	<5m & >5m			
Level	Black cherry	<5m & >5m			
Moist	Black locust	>5m			
	Willow oak	>5m			

Comments:

Oak-Sassafras stand; understory varies between open area with shrubs to shrubby. Other trees include white oak; buckthorn present. Ground vegetation: Virginia creeper, viburnum, elderberry, and goldenrod.

Unit: 372
Acreage: 0.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Fullcrown	Auto Access	Trash
Deciduous	Bitternut hickory	<5m & >5m			
Phanerophytes	Black locust	<5m & >5m			
Slope	Sassafras	<5m & >5m			
Moist	Elderberry	<5m			
	Viburnum	<5m			

Comments:

Full crown red oak and bitternut hickory present. Ground vegetation: Rubus, buckthorn, jewelweed, goldenrod, Virginia creeper, garlic mustard, and bittersweet.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 373
Acreage: 0.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweet cherry	<5m & >5m		Auto Access	Trash
Decid.w/evergreen	Sassafras	<5m & >5m			
Phanerophytes	Ash	>5m			
Knoll	Bitternut hickory	<5m & >5m			
Well drained	Black cherry	<5m & >5m			
	White pine	>5m			

Comments:

Knoll-like unit on rock outcrop directly off old road with Viburnum, rose, and wild grape. Ground vegetation includes: Virginia creeper, enchanter's nightshade, garlic mustard, false Solomon's seal, Trillium, and violets. Along eastern edge, many lianas, Rubus, sumac, rose, and buckthorn.

Unit: 374
Acreage: 0.35
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	<5m & >5m	Fullcrown	Auto Access	
Decid.w/evergreen	Black cherry	<5m & >5m			
Lianas	Mulberry	<5m & >5m			
Knoll	White pine	>5m			
Well drained	Bitternut hickory	<5m & >5m			
	American elm	>5m			

Comments:

Patch of residual trees along abandoned roadside on rock outcrop. Groundcover includes: Sassafras, black locust, poison ivy, Virginia creeper, day lilies, ivy spp., Rubus, sumac, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 375
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m		Auto Access	Dumping
Deciduous	Ailanthus	>5m			Trash
Phanerophytes	American elm	>5m			
Knoll	Mulberry .	>5m			
Well drained	Black cherry	<5m			
	Buckthorn	>5m			

Comments:

Overstory includes invading species with an abundance of liana. Ground vegetation includes: poison ivy, bittersweet, rose, Rubus, and garlic mustard.

Unit: 376
Acreage: 0.73
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Road	Auto Access	Trash
Deciduous	American elm	<5m & >5m			Pollution
Therophytes	Green ash	<5m & >5m			
Knoll	Bitternut hickory	<5m & >5m			
Well drained	Black cherry	<5m & >5m			
	Ailanthus	<5m & >5m			

Comments:

Residual knoll on rock outcrop with oaks dominating. Old road along northern border, some rock blasting evident. Ground vegetation includes: garlic mustard, white snakeroot, day lilies, true Solomon's seal, false Solomon's seal, Rubus, Viburnum, and Virginia creeper.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 377
Acreage: 2.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Salt mdw cordgrass	<5m			
Deciduous	Spikegrass	<5m			
Geophytes	Marsh elder	<5m			
Level					
Wet					

Comments:

Salt meadow dominated by salt meadow cordgrass; not much blackgrass present. Sporadic marsh elder between units 364 and 368 (islands).

Unit: 378
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Post oak	<5m & >5m		Fireplace	
Decid.w/evergreen	Black locust	<5m & >5m			
Phanerophytes	Pin oak	>5m			
Knoll	Scotch pine	<5m & >5m			
Well drained	Black cherry	<5m			
	Marsh elder	<5m			

Comments:

Knoll surrounded by marsh elder. Trees somewhat stunted, especially pin oak and black cherry. Other species: poison ivy, Viburnum, cat brier, rose, Virginia creeper, garlic mustard, seaside goldenrod, yarrow, and switchgrass.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 379
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			
Deciduous	Salt mdw cordgrass	<5m			
Chamaephytes	Spikegrass	<5m			
Level					
Wet					

Comments:

Unit: 380
Acreage: 6.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Salt mdw cordgrass	<5m			
Geophytes					
Level					
Wet					

Comments:

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 381
Acreage: 8.47
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
Geophytes					
Level					
Wet					

Comments:

Unit: 382
Acreage: 2.40
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>5m	Road	Auto Access	Dumping
Decid.w/evergreen	Red oak	>5m	Fullcrown	Bridle path	Trash
Phanerophytes	Sweet cherry	>5m			Fire
Slope	Bitternut hickory	<5m & >5m			
Excess drained	Black cherry	<5m & >5m			
	Norway spruce	>5m			

Comments:

Closed forest near railroad depot; historically, there was a circular driveway leading to depot. Full crowned trees include sweet cherry, red oak, white oak, and chestnut oak. Other trees were bitternut and mockernut hickories. Understory consists of many green ash, bitternut hickory, and black cherry saplings. Other species: Viburnum, poison ivy, Virginia creeper, dogwood, enchanter's nightshade, white snakeroot, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 383
Acreage: 0.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Quaking aspen	<5m	Train depot		Vandalism
Deciduous	Big tooth aspen	<5m			Dumping
Phanerophytes	Black birch	<5m			
Level	Buckthorn	<5m			
Well drained	Willow	<5m			
	Bittersweet	<5m			

Comments:

Plants succession occurring in open-roofed standing structure of the train depot. Structure is mostly cut field stone masonry, roof has been burned, windows sealed with cement blocks. A number of woody shrubs seem to be present. Other species: cottonwood, black cherry, rose, Virginia creeper, black locust, grape, Ailanthus, raspberry, and a Paulownia sapling.

Unit: 384
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Mulberry	>5m	Road	Auto Access	Dumping
Deciduous	Ash	>5m		Bridle path	
Lianas	Tulip poplar	>5m			
Slope	Black locust	>5m			
Well drained	Bittersweet	>5m			
	Wild grape	>5m			

Comments:

Area is predominantly lianas that are growing into the crowns of the trees. Other species: American elm, honeysuckle, rose, Rubus, sumac, jewelweed, thistle, goldenrod, mustard, and milkweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 385
Acreage: 0.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m	Path	Bridle path	
	Mugwort	<5m		Auto Access	
Hemicryptophytes	Wild strawberry	<5m			
Level	Jewelweed	<5m			
Well drained	Honeysuckle	<5m			
	Black cherry	<5m			

Comments:

Border strip along bridle path. Mostly herbaceous species with some tree regeneration, i.e. black cherry, red oak. Other vegetation includes: Rubus, sumac, Indian hemp, bedstraw, butter-and-eggs, St. John's wort, dodder, and wild grape.

Unit: 386
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sedge	<5m	Road	Auto Access	Trash
	Water plantain	<5m		Bridle path	
Geophytes	Indian hemp	<5m			
Level	Smartweed	<5m			
Wet	Curly dock	<5m			
	Pin oak	>5m			

Comments:

Old roadbed; concrete was apparently removed leaving depression which remains muddy after rainfall. Sedges and water plantain inhabit the wetter areas to the north; Indian hemp and curly dock to the south; and smartweed throughout. Other vegetation includes nightshade, poison ivy (on pin oak) and cool season grasses.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 387
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Cool season grass	<5m	Brick house	Bridle path	Trash
Everg.w/decid	Atlantic white cedar	>5m	Exotics	Auto Access	
Hemicryptophytes	Poison ivy	>5m			
Level	Virginia creeper	<5m			
Well drained	Sassafras	<5m			

Comments:

Unit used to be old brick house, lawn and path. A few cedars remain of the original planting and act as a marker where house used to be. Large poison ivy on cedars was recently severed. Bridle paths remain along eastern and western borders.

Unit: 388
Acreage: 0.90
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Wild grape	<5m & >5m	House yard		
Deciduous	Virginia creeper	<5m & >5m			
Lianas	Honeysuckle sp.	<5m & >5m			
Level	Black cherry	<5m & >5m			
Well drained	Sassafras	<5m & >5m			
	Bitternut hickory	<5m			

Comments:

This unit is directly behind the area in which the brick house was situated. This may account for the large amount of liana growth which limits the ability of the trees to proliferate. Other species: Ailanthus, red oak, ash, crabapple, sycamore, tulip poplar, elderberry, Rubus, Viburnum, and buckthorn.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 389
Acreage: 0.88
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Exotics		
Deciduous	Viburnum	<5m			
Phanerophytes	Crab apple	>5m			
Level	Black locust	>5m			
Well drained	Mulberry	>5m			
	Dogwood	<5m			

Comments:

Mature black cherry stand with crab apple plantings. Possibly backyard of brick house mentioned in two previous units. Viburnum predominant in understory. Other species: honeysuckle, jewelweed, garlic mustard, enchanter's nightshade, buckthorn, elderberry, and ash saplings.

Unit: 390
Acreage: 1.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		Foot traffic	Dumping
Deciduous	Black cherry	<5m & >5m		Exercise Site	
Phanerophytes	Sassafras	<5m & >5m			
Slope	Shagbark hickory	<5m & >5m			
Well drained	Viburnum	<5m			
	American elm	>5m			

Comments:

Mature black locust stand with black cherry regeneration. Herbaceous understory includes: honeysuckle, jewelweed, garlic mustard, goldenrod, elderberry, false Solomon's seal, and green ash saplings.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 391
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Jewelweed	<5m		Foot traffic	Dumping
	Rubus	<5m			Trash
Therophytes	Garlic mustard	<5m			
Level	Elderberry	<5m			
Well drained	Wild grape	<5m			
	Mulberry	<5m			

Comments:

Unit predominantly jewelweed. Other species: silver maple saplings, rough avens and goldenrod.

Unit: 392
Acreage: 0.65
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	<5m & >5m			
Deciduous	Mockernut hickory	>5m			
Therophytes	Black cherry	<5m & >5m			
Slope	White oak	>5m			
Well drained	Mulberry	<5m			
	Hoptree	>5m			

Comments:

Bitternut hickory dominant; other woody species include slippery elm and ash saplings. Understory consists of: garlic mustard, jewelweed, poison ivy, enchanter's nightshade, Rubus, false Solomon's seal, and honeysuckle.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 393
Acreage: 2.34
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>5m	Fullcrown		Dumping
Deciduous	Bitternut hickory	<5m & >5m	Foundation		Vandalism
Therophytes	Pin oak	>5m			
Slope	Red oak	<5m & >5m			
Moist	Black cherry	<5m & >5m			
	Black oak	>5m			

Comments:

Residual oak stand with full crown trees of white oak, red oak, and black oak; other trees include American elm, black locust, ash, and shagbark hickory. Understory is dominated by jewelweed on the upper slope and Virginia creeper and aster below. Also, regeneration of ash, black cherry, Viburnum, chestnut oak, Sassafras, and other hickories. Some trees have slash marks. Other species: honeysuckle, Ailanthus. Note that tree oaks and one elm appear to have been killed by nitrogen.

Unit: 394
Acreage: 2.58
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>5m	Horse stable	Stable comp	
Decid.w/evergreen	little leaved linden	>5m	Exotics	Auto Access	
Geophytes	Bald cypress	>5m			
Level	Horse chestnut	>5m			
Well drained	Blue spruce	>5m			
	White pine	>5m			

Comments:

Horse stable compound. Other tree species are green ash, sycamore maple, mulberry, Ailanthus, and tulip poplar. Ground vegetation consists of mugwort, plantain, and cool season grasses that are present near and around the area.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 395
Acreage: 0.35
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Mugwort	<5m	Road	Auto Access	Dumping
Geophytes	Goldenrod	<5m			Fire
Level	White sweet clover	<5m			
Well drained					

Comments:

Asphalt driveway with vegetated clearing to the north. Clearing was possibly an old parking lot. Heavy dumping site containing furniture and automobiles.

Unit: 396
Acreage: 1.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sycamore maple	<5m & >5m	Fence	Sports horse	Trash
Deciduous	Norway maple	<5m & >5m		Foot traffic	
Phanerophytes	Sugar maple	>5m		Auto Access	
Undulating	Ailanthus	<5m & >5m			
Moist	Red oak	>5m			
	Pin oak	>5m			

Comments:

Mixed hardwood species in both overstory and understory: other species include Sassafras, white oak, sweet cherry, linden, little leaved linden, mulberry, crab apple, hackberry, shadbush. Ground vegetation consists of enchanter's nightshade, poison ivy, true Solomon's seal, white snakeroot, and day lilies.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 397
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Mugwort	<5m	Fence	Sports horse	Compaction
Geophytes	Rubus	<5m		Auto Access	Trash
Slope					
Moist					

Comments:

Area between road and Phragmites near horse training circle. Unit nearly homogenous with mugwort.

Unit: 398
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			Flotsam
Deciduous	Goldenrod	<5m			
Chamaephytes	Wild grape	<5m			
Level	Phragmites	<5m			
Moist	Pokeweed	<5m			
	Groundsel tree	<5m			

Comments:

Area near bridge embankment. Marsh mallow is present as well as two species of goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 399
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Hackberry	>5m	Exotics		
Deciduous	lilac	<5m			
Phanerophytes	Norway maple	<5m & >5m			
Slope	Jet bead	<5m			
Well drained	Honeysuckle sp.	<5m			
	Rose	<5m			

Comments:

Presence of exotic plantings such as privet, lilac, and rose indicates that the area may have been used for picnicking. Other herbaceous vegetation includes garlic mustard, day lily, and white snakeroot. Hackberry appears weathered due to salt water influence.

Unit: 400
Acreage: 0.03
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Salt mdw cordgrass	<5m		Fishing	Flotsam
	Blackgrass	<5m			
Geophytes	Lawn type grasses	<5m			
Slope	Plantain	<5m			
Well drained	Goldenrod	<5m			
	Seaside gerardia	<5m			

Comments:

Microclimate influence of large rock outcrop by shore; in protected crevices seaside goldenrod, sea lavender, and gerardia are present. Twenty-five foot snag still standing. Remnants of cement structure on rock outcrop is possibly an old fireplace.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 401
Acreage: 0.74
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			Stable
	Marsh elder	<5m			Trash
Geophytes	Salt mdw cordgrass	<5m			
Level	Goldenrod	<5m			
Wet	Blackgrass	<5m			
	Groundsel tree	<5m			

Comments:

Strip along horse stable and drainage ditch bordering railroad tracks. Other vegetation: glasswort and Virginia creeper.

Unit: 402
Acreage: 0.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			Dumping
Deciduous	Salt mdw cordgrass	<5m			Flotsam
Chamaephytes	Salt wtr cordgrass	<5m			
Level	Phragmites	<5m			
Wet	Spikegrass	<5m			
	Sea lavender	<5m			

Comments:

Area along drainage ditch; some parts are homogeneous with salt meadow cordgrass. A lot of flotsam present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 403
Acreage: 0.46
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Road	Auto Access	Trash
Deciduous	Black locust	>5m		Wood gather	
Phanerophytes	Ailanthus	>5m		Bridle path	
Undulating	Cherry	<5m & >5m			
Well drained	American elm	<5m & >5m			
	Mulberry	>5m			

Comments:

Disturbed area due to road and bridge construction. Black locust and black cherry dominant. Understory is mixed with Ailanthus, which is growing primarily near the bridge road. Ground species include: white snakeroot, honeysuckle, goldenrod, aster, poison ivy, barberry, buckthorn, and dogwood.

Unit: 404
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Mugwort	<5m	Railroad	Radio tower	Trash
	White sweet clover	<5m			
Geophytes	Daisy fleabane	<5m			
Level	White snake root	<5m			
Well drained	Jewelweed	<5m			
	Elderberry	<5m			

Comments:

Large clearing near railroad with radio tower/power station. Few trees present; these include: Ailanthus, black cherry, black locust, and red oak.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 405
Acreage: 0.63
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	>5m	Full crown	Foot traffic	Fire
Deciduous	Red oak	<5m & >5m	Excavation		Dumping
Phanerophytes	Mockernut hickory	<5m & >5m			Trash
Slope	Black cherry	<5m & >5m			
Well drained	Azalea	<5m			
	Buckthorn	<5m			

Comments:

Disturbed area of residual oak near railroad tracks with heavy vegetative growth in understory. Large fire (about five years ago) severely damaged large oaks and set back ground vegetation. Small area excavated north of radio unit near tracks. Other species: Sassafras, Viburnum, Rubus, aster, white snakeroot, green ash, and mugwort.

Unit: 406
Acreage: 0.68
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	<5m & >5m	Full crown	Bridle path	Trash
Deciduous	Black cherry	<5m & >5m	Bridle path		
Phanerophytes	Black oak	>5m			
Level	Red oak	>5m			
Well drained	Sassafras	<5m & >5m			
	Mockernut hickory	<5m			

Comments:

Residual white oak stand with black cherry regeneration; some saplings near road and west of bridle path (including bitternut and mockernut hickories). Abundance of leaf litter.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 407
Acreage: 0.75
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Full crown	Bridle path	Dumping
Deciduous	Mockernut hickory	<5m & >5m	Trail		
Phanerophytes	Bitternut hickory	<5m & >5m			
Slope	Pignut hickory	<5m & >5m			
Well drained	Black oak	<5m & >5m			
	White oak	>5m			

Comments:

Oak-hickory forest with limited understory vegetation; these species include: black cherry, Sassafras, buckthorn, dogwood, wild grape, and Virginia creeper. Wild grape is overtaking the red oak near Shore Road. Ground cover consists of striped wintergreen, Indian pipe, false Solomon's seal, and geranium. Abundance of leaf litter.

Unit: 408
Acreage: 0.65
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>5m	Full-crown	Bridle path	Dumping
Deciduous	Red oak	<5m & >5m	Trail		Trash
Phanerophytes	Mockernut hickory	<5m & >5m			
Level	Bitternut hickory	<5m			
Well drained	Pignut hickory	<5m & >5m			
	Buckthorn	<5m			

Comments:

Oak- hickory forest with buckthorn, dogwood, and black cherry dominant. Density of buckthorn increases towards parking lot. The northern end of the unit shows more disturbance as indicated by the presence of mulberry, black locust and pin oak. Elm, Sassafras and Viburnum also present within unit. Ground vegetation includes garlic mustard, poison ivy, Virginia creeper, and Indian pipe.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 409
Acreage: 0.67
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	<5m & >5m			Trash
Deciduous	Red oak	<5m & >5m			
Phanerophytes	Azalea	<5m			
Slope	Sassafras	>5m			
Well drained	Blueberry	<5m			
	Black birch	<5m			

Comments:

Residual red and white oak stand with regeneration. Understory predominantly azalea, with some blueberry, pignut hickory, black cherry, dogwood, and buckthorn. Ground species: sarsaparilla, cinnamon fern, Indian pipe, aster, and false Solomon's seal.

Unit: 410
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	<5m & >5m	Fullcrown	Bridle path	Dumping
Deciduous	Red oak	<5m & >5m	Path		Trash
Phanerophytes	Black cherry	<5m & >5m			
Slope	Mockernut hickory	<5m			
Well drained	Pignut hickory	<5m & >5m			
	Bitternut hickory	<5m			

Comments:

Residual white oak stand with oak, black cherry and hickory regeneration. There is also Sassafras and buckthorn. Understory is prolific with white oak saplings and abundant in leaf litter. Ground vegetation includes: false Solomon's seal, poison ivy, aster, sarsaparilla, and Virginia creeper. Heavy dumping of brush and Indian pipe.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 411
Acreage: 0.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m		Bridle path	Trash
Deciduous	White oak	<5m & >5m			
Geophytes	Pin oak	>5m			
Slope	Sassafras	>5m			
Well drained	Buckthorn	<5m			
	Black cherry	<5m			

Comments:

Residual oaks with red oak regeneration dominant. Ground cover primarily cool season grasses; an abundance of leaf litter and a few saplings. A small amount of spotted wintergreen and Indian pipe plants noted.

Unit: 412
Acreage: 0.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m			Trash
	Blackgrass	<5m			
Geophytes	Cool season grass	<5m			
Level	Sedge	<5m			
Wet	Goldenrod	<5m			
	Indian hemp	<5m			

Comments:

Grassland with some salt marsh species and small trees, which include green ash, pin oak, elderberry, bittersweet, and buckthorn. The green ash do not appear healthy. Rushes are intermixed with the switchgrass.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 413
Acreage: 1.24
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			Dumping
Geophytes					
Level					
Wet					

Comments:

Unit is predominantly Phragmites. Drainage ditch runs through it.

Unit: 414
Acreage: 0.45
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m	Landfill	Auto Access	Dumping
	Groundsel tree	<5m	bridle path		
Geophytes	Mugwort	<5m	Exotics		
Level	Ailanthus	<5m & >5m			
Moist	Quaking aspen	>5m			
	Goldenrod	<5m			

Comments:

Disturbed area bordering bridle path and parking lot; drainage ditch present. Other trees include mimosa, field maple, honey locust, and American elm. Also present are sumac, buckthorn, honeysuckle, wild grape, and Virginia creeper.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 415
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Purple loosestrife	<5m	Landfill		
	Sedges	<5m	Auto Access		
Geophytes	Goldenrod	<5m			
Level	Milkweed	<5m			
Wet	Switchgrass	<5m			

Comments:

Small wetlands area bordering Shore Road and the golf course parking lot. Other species: dogwood, willow, and sedges such as *Carex vulpinoidea* and *Scirpus americanus*.

Unit: 416
Acreage: 0.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black tupelo	<5m & >5m		Foot traffic	Trash
Deciduous	Red oak	<5m & >5m			
Chamaephytes	Red maple	>5m			
Slope	Blueberry	<5m			
Moist	Buckthorn	<5m			
	Pin oak	>5m			

Comments:

Small unit off edge of Phragmites below upland oak-hickory stand. Rich soil supporting mosses, liverworts and ferns. Ground vegetation includes sarsaparilla and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 417
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m		Bridle path	Excavation
Deciduous	Black cherry	<5m & >5m			Trash
Phanerophytes	Bitternut hickory	<5m & >5m			
Knoll	Red Oak	<5m & >5m			
Well drained	Buckthorn	<5m			
	Viburnum	<5m			

Comments:

Area between Shore Road and bridle path. Overstory characterized by white poplar, bitternut hickory, and red oak. Other vegetation includes honeysuckle, which is climbing the trees on the road border, garlic mustard and dogwood.

Unit: 418
Acreage: 2.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Salt mdw cordgrass	<5m	Ditching		Fire
	Spikegrass	<5m			Dumping
Geophytes	Glasswort	<5m			Flotsam
Level					
Wet					

Comments:

Predominantly spikegrass and salt meadow cordgrass; occasionally flooded from marsh. Lots of swallows.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 419
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m	Ditching		Fire
	Blackgrass	<5m			Flotsam
Chamaephytes	Glasswort	<5m			
Level	Spikegrass	<5m			
Wet					

Comments:

Slightly higher than surrounding marsh area. Fire within last two years. Area occasionally flooded.

Unit: 420
Acreage: 0.03
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m	Buried pipe		Flotsam
	Spikegrass	<5m			Trash
Chamaephytes	Blackgrass	<5m			
Level					
Moist					

Comments:

Line of marsh elder on slightly raised area, a result of filling over pipe. Fire evident in past few years.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 421
Acreage: 0.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m			Flotsam
Geophytes	Salt Mdw cordgrass	<5m			Trash
Level	Glasswort	<5m			
Moist					

Comments:

Occasionally flooded leaving flotsam behind. Heavily matted flotsam in the northern part of unit.

Unit: 422
Acreage: 0.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Salt wtr cordgrass	<5m		Foot traffic	Compaction
Geophytes	Spikegrass	<5m		Sports	Trash
Level				Fireplace	Fire
Moist					

Comments:

Salt water cordgrass is notable in this area for its stunted appearance. Occasionally flooded area; also, used as a picnic site.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 423
Acreage: 0.63
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert			Drainpipes	Foot traffic Sports Picnic	Dumping Flotsam Graffiti
Slope Well drained					

Comments:

Rocky, sandy strip along the shore; area facing the Pelham landfill. Salt water cordgrass present in patches. Seaweed amongst flotsam. Fisherman use this shore frequently.

Unit: 424
Acreage: 0.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Foot traffic	Dumping
Geophytes Level Moist					

Comments:

A stand of Phragmites. Other species: marsh mallow, seaside goldenrod, poison ivy and Ailanthus. Makeshift shelter in area.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 425
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m		Foot traffic	Flotsam
	Goldenrod	<5m			Trash
Chamaephytes	Marsh mallow	<5m			Fire
Level	Blackgrass	<5m			
Moist	Sea lavender	<5m			
	Orach	<5m			

Comments:

Alongside footpath leading onto peninsula near marsh. Occasional flooding as well as occasional fires from nearby fireplace and passersby.

Unit: 426
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m		Foot traffic	Dumping
	Salt mdw cordgrass	<5m		Fishing	Trash
Geophytes	Sea lavender	<5m		Auto Access	Flotsam
Slope	Marsh elder	<5m			
Moist	Salt wtr cordgrass	<5m			

Comments:

Prime area for picnicking and fishing, however, this is also an easy area in which to abandon vehicles.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 427
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert					Trash Flotsam
Slope Well drained					

Comments:
 Rocky, sandy strip along shore where salt water cordgrass is present in patches.

Unit: 428
Acreage: 0.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Salt mdw cordgrass	<5m		Foot traffic	Flotsam
	Spikegrass	<5m		Sports	Trash
Geophytes	Phragmites	<5m			Fire
Slope	Sea lavender	<5m			
Moist					

Comments:
 Occasionally flooded, leaving an abundance of flotsam.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 429
Acreage: 0.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Foot traffic	Trash
Geophytes					
Level					
Moist					

Comments:

Growth is more pronounced towards forest.

Unit: 430
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m	Road	Foot traffic	Flotsam
	Sea lavender	<5m			Trash
Chamaephytes	Spikegrass	<5m			
Knoll	Seaside gerardia	<5m			
Moist	Sand spurry	<5m			

Comments:

Sheltered area with an abundance of sea lavender, seaside geranium and sand spurry. Area appears to be slightly built up; may have been influenced by road construction or ditching.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 431
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m	Landfill		Flotsam
Deciduous	Groundsel tree	<5m			Trash
Chamaephytes	Goldenrod	<5m			
Slope	Honeysuckle sp.	<5m			
Well drained	Poison ivy	<5m			
	Ailanthus	<5m			

Comments:

Area near bridge embankment that was filled in during bridge construction. Vegetation includes small amounts of common saltwort, mustard and daisy. Groundsel tree is more predominant in elevated part of unit.

Unit: 432
Acreage: 0.10
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sea lavender	<5m			Trash
	Seaside gerardia	<5m			
Therophytes	Sand spurry	<5m			
Slope	Grasswort	<5m			
Moist					

Comments:

Abundance of sea lavender. Area is very rocky.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 433
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	>5m	Landfill	Foot traffic	Dumping
Deciduous	Sycamore maple	<5m & >5m	Exotics		Trash
Phanerophytes	Mulberry	<5m & >5m			
Slope	Red oak	>5m			
Well drained	Goldenrod	<5m			
	Privet	<5m			

Comments:

Area next to road embankment; it was probably filled in during bridge construction. Vegetation includes garlic mustard, sumac, bittersweet, pineapple weed, barberry, Virginia creeper, and exotic planting such as privet.

Unit: 434
Acreage: 0.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sumac	<5m	Landfill		Dumping
Deciduous	Rubus	<5m			Trash
Phanerophytes	Poison ivy	<5m			
Slope	Honeysuckle sp.	<5m			
Well drained	Black cherry	<5m			
	Goldenrod	<5m			

Comments:

Unit predominantly smooth sumac; it is near bridge embankment that was probably filled in during construction. Vegetation includes curly dock, pokeweed, and mullein.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 435
Acreage: 0.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	American elm	>5m	Landfill		Dumping
Deciduous	Sycamore maple	<5m & >5m			Trash
Phanerophytes	Ailanthus	<5m & >5m			
Slope	Mulberry	<5m & >5m			
Well drained	Norway maple	<5m & >5m			
	Hackberry	<5m			

Comments:

Area next to road embankment probably filled in during construction. Other species: black cherry, poison ivy, mugwort, and honeysuckle.

Unit: 436
Acreage: 1.45
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Foot traffic	Trash
Geophytes					
Level					
Moist					

Comments:

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 437
Acreage: 0.58
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	>5m		Picnic	Dumping
Deciduous	White oak	>5m		Fireplace	Trash
Phanerophytes	Sassafras	>5m		Foot traffic	
Slope	Viburnum	<5m			
Well drained	Elderberry	<5m			
	Dogwood	<5m			

Comments:

Woodland with an abundance of shrubs. Other species: Mulberry, sycamore maple, American elm, and privet.

Unit: 438
Acreage: 0.99
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Mulberry	>5m	Road	Auto Access	Dumping
Deciduous	Ailanthus	<5m & >5m	Stone wall	Picnic	Trash
Phanerophytes	Black cherry	>5m		Foot traffic	
Slope	White ash	<5m & >5m			
Well drained	Mugwort	<5m			
	Wild grape	<5m			

Comments:

Disturbed area between meadow and shoreline. Other vegetation includes: Viburnum, Norway maple, sycamore maple, Sassafras, apple, elderberry, nannyberry, honeysuckle, moonseed, white snakeroot, and false Solomon's seal.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 439
Acreage: 1.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Mugwort	<5m	Fullcrown	Foot traffic	Trash
Deciduous	Fleabane	<5m		Picnic	
Geophytes	Queen Anne's lace	<5m			
Level	Milkweed	<5m			
Well drained	American elm	<5m & >5m			
	Pin oak	>5m			

Comments:

Unit essentially a meadow dominated by mugwort. A few large trees scattered throughout area; other species includes black cherry.

Unit: 440
Acreage: 0.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	<5m & >5m		Auto Access	Dumping
Deciduous	Witch hazel	>5m		Foot traffic	
Phanerophytes	Dogwood	<5m & >5m		Vandalism	
Level	Black cherry	>5m			
Well drained	Hazelnut	>5m			
	White ash	<5m & >5m			

Comments:

Primarily old, tall shrubs with Norway maple. Some rock outcrops; tall shrubland between road and meadow. Other species: black cherry, white ash, bitternut hickory, Sassafras, mulberry, arrowwood, Viburnum, Ailanthus, wild grape, and garlic mustard.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 441
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	<5m & >5m		Foot traffic	
Deciduous	Black cherry	<5m			
Geophytes	Mugwort	<5m			
Undulating	Ailanthus	<5m & >5m			
Well drained	Sassafras	<5m & >5m			
	Elderberry	<5m			

Comments:

Unit dominated by hickory. Ground vegetation includes: Virginia creeper, cool season grass, and honeysuckle.

Unit: 442
Acreage: 0.80
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m	Road	Foot traffic	Dumping
Deciduous	Mulberry	<5m & >5m		Auto Access	Trash
Phanerophytes	Ailanthus	<5m & >5m		Horse Path	
Slope	Black Cherry	<5m & >5m			
Well drained	Sassafras	<5m & >5m			
	Bitternut hickory	<5m & >5m			

Comments:

Disturbed narrow area between road and shoreline. Other species: tulip poplar saplings, dogwood, elderberry, rose, Virginia creeper, wild grape, honeysuckle, bittersweet, Rubus, and mugwort.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 443
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	<5m & >5m			Dumping
Deciduous	Norway maple	>5m			Trash
Phanerophytes	White ash	<5m & >5m			
Slope	Black locust	>5m			
Well drained	Black cherry	<5m & >5m			
	Hackberry	<5m			

Comments:

Disturbed area between meadow unit (439) and tulip poplar unit (446). Other trees include: crab apple, Ailanthus, dogwood, Viburnum, and elderberry. Herbaceous vegetation consists of garlic mustard, false Solomon's seal, Trillium, and Virginia creeper.

Unit: 444
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Excavation	Foot traffic	Trash
Deciduous	White ash	<5m & >5m	Road		
Phanerophytes	Black cherry	>5m	Exotics		
Slope	Red maple	>5m			
Well drained	Norway maple	<5m & >5m			
	Linden	>5m			

Comments:

Area between road and path that was excavated when road was paved. Other species: pin oak, Sassafras, mulberry, spicebush, dogwood, rose, Virginia creeper, honeysuckle, privet, and garlic mustard.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 445
Acreage: 0.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Witch hazel	<5m	Excavation	Foot traffic	
Deciduous	Shadbush	>5m	Road		
Phanerophytes	Honeysuckle	<5m	Hydrant		
Slope	White ash	<5m			
Well drained	Spicebush	<5m			
	Linden	>5m			

Comments:

Unit near path; downslope area excavated for road. Witch hazel and serviceberry appear to have been planted and maintained at one time.

Unit: 446
Acreage: 0.74
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Tulip poplar	>5m		Auto Access	Trash
Deciduous	Black birch	>5m		Foot traffic	
Phanerophytes	Sassafras	<5m & >5m		Fireplace	
Slope	Bitternut hickory	<5m & >5m			
Well drained	White ash	>5m			
	Viburnum	<5m			

Comments:

Unit characterized by very large tulip poplars and black birch. Other species include: black cherry, Ailanthus, red maple, dogwood, sweet cherry, spicebush, honeysuckle, Virginia creeper, garlic mustard, white snakeroot, trillium, and day lily.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 447
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Bitternut hickory	<5m		Foot traffic	
Deciduous	Sassafras	<5m			
Phanerophytes	Black cherry	<5m			
Level	Rubus	<5m			
Moist	Goldenrod	<5m			
	Aster	<5m			

Comments:

Small clearing in midst of wooded area within sight of asphalt path; possibly an old roadbed which is now a footpath. A few young trees in area. Other species: elderberry, wild grape, bush honeysuckle, dogwood, Virginia creeper, and garlic mustard.

Unit: 448
Acreage: 0.23
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m	Road		
Deciduous	Mulberry	<5m & >5m			
Phanerophytes	White ash	<5m & >5m			
Slope	Viburnum	<5m			
Well drained	Spicebush	<5m			
	Black cherry	<5m & >5m			

Comments:

Unit primarily Ailanthus with shrubs and a few saplings on the lower slope. Other vegetation includes: garlic mustard, false Solomon's seal, honeysuckle, jewelweed, rough avens, and elderberry.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 449
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m			
Deciduous	Elderberry	<5m			
Chamaephytes	Dogwood	<5m			
Level	Ailanthus	<5m			
Moist	Jewelweed	<5m			
	Aster	<5m			

Comments:

Clearing in middle of surrounding oak woodland; possibly an old roadbed present. Other vegetation includes: Phragmites and goldenrod.

Unit: 450
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White ash	<5m & >5m		Auto Access	Trash
Deciduous	Pin oak	>5m			
Phanerophytes	American elm	>5m			
Slope	Mulberry	<5m & >5m			
Well drained	Hawthorn	<5m			
	Black locust	<5m			

Comments:

Unit between road and path. Some lianas, such as wild grape and bittersweet, present along borders. Other species: Viburnum, dogwood, Rubus, and Ailanthus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 451
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	American elm	<5m & >5m	Hedgerow		Trash
Deciduous	Hawthorn	<5m			
Phanerophytes	White ash	>5m			
Level	Black cherry	>5m			
Well drained	Viburnum	<5m			
	Dogwood	<5m			

Comments:

Unit dominated by second-growth elms and hawthorn. Scrub is quite thick along border of lawn; little undergrowth inside unit. Possible hedgerow from homestead. Other trees along border include black locust and eastern cottonwood.

Unit: 452
Acreage: 0.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m			
Deciduous	Green ash	<5m			
Phanerophytes	Viburnum	<5m			
Level	Elderberry	<5m			
Well drained	Mulberry	<5m			
	False Solomon's seal	<5m			

Comments:

Black locust stand. Understory vegetation mainly Viburnum and elderberry. Ground cover includes: jewelweed, Rubus and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 453
Acreage: 0.53
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Mugwort	<5m	Road	Foot traffic	Dumping
	St. John's wort	<5m		Auto Access	Compaction
Geophytes	Black-eyed Susan	<5m			
Level	Queen Anne's lace	<5m			
Well drained	Mullein	<5m			
	Rubus	<5m			

Comments:

Other species: Indian hemp, fleabane, milkweed, clover, plantain, thistle, pineapple weed, eastern cottonwood, black locust, and buckthorn.

Unit: 454
Acreage: 2.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m	Road	Foot traffic	Trash
Deciduous	Black cherry	>5m	Cement slab		Dumping
Phanerophytes	American elm	>5m			
Slope	Bitternut hickory	<5m & >5m			
Well drained	Viburnum	<5m			
	Elderberry	<5m			

Comments:

Residual pin oak stand with shrub undergrowth in mid-story; possible tree/lawn area years ago. Other species: hawthorn, buckthorn, dogwood, jewelweed, Rubus, false Solomon's seal, and Virginia creeper.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 455
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m	Road	Picnic	Dumping
	Mugwort	<5m			Trash
Chamaephytes	Cool season grass	<5m			
Slope	Queen Anne's lace	<5m			
Well drained	Rose	<5m			
	Elderberry	<5m			

Comments:

Clearing between road and forest; former roadway. A few saplings within unit, such as pin oak, white ash, bitternut hickory, and Ailanthus.

Unit: 456
Acreage: 0.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m			
Deciduous	Bitternut hickory	<5m & >5m			
Phanerophytes	Green ash	<5m			
Level	Viburnum	<5m			
Well drained	Rubus	<5m			
	Virginia creeper	<5m			

Comments:

White poplar stand. Other vegetation includes: dogwood, buckthorn, rough avens, white snakeroot, garlic mustard, and false Solomon's seal. Also, Sassafras and Norway maple saplings.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 457
Acreage: 0.41
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Mulberry	<5m & >5m	Road	Auto access	
Deciduous	Bitternut hickory	<5m & >5m		Foot traffic	
Lianas	Black locust	<5m & >5m			
Slope	Bittersweet	<5m & >5m			
Well drained	Hawthorn	<5m			
	Crab apple	<5m			

Comments:

Mix of many species in area surrounding old waste treatment plant. Other species: dogwood, pin oak, black cherry, Sassafras, black oak (residual), eastern cottonwood, Norway maple, white ash, rose, Viburnum, buckthorn, mugwort, Rubus, Virginia creeper, poison ivy, and wild grape. Heavy dumping area.

Unit: 458
Acreage: 0.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	<5m & >5m	Road	Foot traffic	Trash
Deciduous	Black oak	<5m & >5m		Auto Access	Dumping
Phanerophytes	Black cherry	<5m & >5m			
Slope	Viburnum	<5m			
Well drained	Bittersweet	<5m			
	Rose	<5m			

Comments:

Mature and immature hickory stand. Other vegetation includes: buckthorn, Rubus, moonseed, Virginia creeper, false Solomon's seal, and geranium. Bittersweet climbing some trees.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 459
Acreage: 0.95
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	<5m & >5m	Road	Picnic	Trash
Deciduous	Black cherry	<5m & >5m		Auto Access	Dumping
Phanerophytes	Pin oak	<5m & >5m		Foot traffic	Fire
Slope	Sassafras	>5m			
Moist	Viburnum	<5m			
	Virginia creeper	<5m			

Comments:

Immature stand of oak hickory, and black cherry. Other species: buckthorn, false Solomon's seal, garlic mustard, and ash saplings. Many birds in area.

Unit: 460
Acreage: 0.67
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m	Road	Auto Access	Dumping
Deciduous	Pin oak	>5m	Exotics	Foot traffic	Trash
Phanerophytes	Ailanthus	<5m & >5m		Fireplace	Vandalism
Slope	White poplar	<5m & >5m			
Well drained	Elderberry	<5m			
	Mugwort	<5m			

Comments:

Border along old road that is still used by cars. Other species: bitternut hickory, sweet cherry, swap white oak, ash, mulberry, Sassafras, buckthorn, poison ivy, bittersweet, garlic mustard, privet, Virginia knotweed, rough avens, geranium, and striped grass.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 461
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Elderberry	<5m	Exotics	Auto Access	Trash
Deciduous	Rubus	<5m			
Lianas	Bittersweet	<5m			
Slope	Rose	<5m			
Well drained	Wild grape	<5m			
	Privet	<5m			

Comments:

Unit near path; possibly an old hedgerow. A lot of lianas. Wisteria was noted.

Unit: 462
Acreage: 0.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m			
Deciduous	Bittersweet	<5m & >5m			
Lianas	Sassafras	<5m & >5m			
Slope	Norway maple	>5m			
Moist	Goldenrod	<5m			
	Enchanters night shade	<5m			

Comments:

White poplar dominant. Lianas abundant; presence of herbaceous undergrowth. Black cherry and bitternut hickory along border with road.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 463
Acreage: 0.78
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m		Fireplace	Dumping
Deciduous	Red oak	>5m			Vandalism
Phanerophytes	Black cherry	<5m & >5m			
Slope	Viburnum	<5m			
Moist	Bitternut hickory	<5m			
	Virginia creeper	<5m			

Comments:

Unit predominantly Sassafras with residual red oak. Other species: false Solomon's seal, garlic mustard, buckthorn, barberry, Rubus, Ailanthus, green ash, and one white poplar.

Unit: 464
Acreage: 0.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>5m		Auto Access	Dumping
Deciduous	Swamp white oak	>5m			Trash
Phanerophytes	Pin oak	<5m & >5m			
Level	Black cherry	<5m & >5m			
Well drained	American elm	<5m & >5m			
	Buckthorn	<5m			

Comments:

Unit near treatment plant parking lot. Residual oaks dominant; bittersweet and wild grape climbing some understory vegetation. Other trees: Viburnum, Sassafras, white ash, and mulberry. Other vegetation includes: Rubus, goldenrod, jewelweed, and garlic mustard.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 465
Acreage: 0.84
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Wild grape	<5m & >5m			
	Bittersweet	<5m & >5m			
Lianas	Smooth sumac	<5m			
Slope	Jewelweed	<5m			
Well drained					

Comments:

Area consists mainly of wild grape and bittersweet; prolific liana growth. Few trees include mulberry, ash and black cherry.

Unit: 466
Acreage: 0.44
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m	Exotics	Foot traffic	
Deciduous	Bitternut hickory	<5m & >5m	Road	Auto Access	
Phanerophytes	Persimmon	>5m			
Level	Viburnum	<5m			
Moist	Swamp white oak	>5m			
	Apple	>5m			

Comments:

Presence of persimmon and apple trees indicate possible homestead area. Other species: Sassafras (from bordering unit 463), buckthorn, Virginia creeper, and black cherry.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 467
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Goldenrod	<5m	Road	Foot traffic	Trash
Deciduous	Phragmites	<5m		Auto Access	
Chamaephytes	Smooth sumac	<5m			
Level	Rubus	<5m			
Well drained	Elderberry	<5m			
	bindweed	<5m			

Comments:

Transition area along old road between Phragmites and woodland. Vegetative diversity is high with nearly equal amounts of aforementioned species; in addition, there are bittersweet, jewelweed, buckthorn, garlic mustard, milkweed, dodder, and nightshade. Few trees present, including pin oak, black cherry, and mulberry.

Unit: 468
Acreage: 0.37
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Bittersweet	<5m	Road	Auto Access	Trash
Deciduous	Rubus	<5m		Foot traffic	
Chamaephytes	Smooth sumac	<5m			
Level	Milkweed	<5m			
Well drained	Black cherry	<5m & >5m			
	Elderberry	<5m			

Comments:

Shrub area between Phragmites and lawn area. Few trees, such as Norway maple, grey birch, green ash, pin oak, and swamp white oak. Other species: dogwood, curly dock, Viburnum, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 469
Acreage: 1.82
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m	Sewage pint	Headquarters	
	Pin oak	>5m			
Hemicryptophytes	Swamp white oak	>5m			
Level	Bitternut	>5m			
Well drained	Black locust	<5m			
	Yew	<5m			

Comments:

District 15 Parks department headquarters; site of former sewage treatment plant. Trees listed above growing on lawn area surrounding building.

Unit: 470
Acreage: 0.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Culvert	Foot traffic	Trash
Deciduous	Viburnum	<5m	Landfill		Dumping
Phanerophytes	Mulberry	>5m	Exotics		
Slope	Ailanthus	<5m & >5m			
Well drained	Witch hazel	<5m			
	Wild grape	<5m			

Comments:

Steep slope adjacent to road which was possibly built up to allow for construction. Other species: garlic mustard, Virginia creeper, violet, false Solomon's seal, jewelweed, and enchanter's nightshade.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 471
Acreage: 0.41
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m			Trash
Deciduous	Red oak	<5m & >5m			
Phanerophytes	Black cherry	<5m & >5m			
Undulating	Sassafras	<5m & >5m			
Well drained	Dogwood	<5m			
	Mulberry	>5m			

Comments:

Unit located at base of unit 470. A lot of tree regeneration. Other species: white oak (>5m.), Viburnum, elderberry, honeysuckle, Virginia creeper, violet, garlic mustard, Ailanthus (<5m.), Rubus, and Joe-pye weed.

Unit: 472
Acreage: 1.24
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Ditching		Dumping
Deciduous	White oak	<5m & >5m			
Phanerophytes	Hickory	<5m & >5m			
Level	Sassafras	<5m & >5m			
Well drained	Black cherry	<5m & >5m			
	Black oak	<5m & >5m			

Comments:

Unit with a lot of regeneration and little ground cover. Rock outcrops present. Other species: quaking aspen, red maple, black tupelo, Viburnum, Rubus, false Solomon's seal, violet, enchanter's nightshade, dogwood, and grey birch.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 473
Acreage: 0.89
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>5m	Landfill	Sports	Compaction
Deciduous	White oak	>5m		Foot traffic	Dumping
Lianas	Black oak	>5m		Auto Access	Trash
Undulating	Bittersweet	<5m & >5m			
Well drained	Wild grape	<5m & >5m			
	Rubus	<5m			

Comments:

Woodland with a lot of lianas between road and high marsh. Chunks of concrete piled near road. Area possibly filled in during road construction. Other vegetation includes jewelweed and cool season grass.

Unit: 474
Acreage: 0.24
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	<5m & >5m	Exotics	Foot traffic	
Deciduous	Dogwood	<5m			
Phanerophytes	Smooth sumac	<5m			
Level	Mulberry	>5m			
Moist	Elm	>5m			
	Black walnut	<5m & >5m			

Comments:

Dense vegetation along road; paved trail though unit. Other species include: black cherry, white snakeroot and wild grape.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 475
Acreage: 0.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Wild grape	<5m			
Deciduous	Japanese knotweed	<5m			
Chamaephytes	Rubus	<5m			
Level	Dogwood	<5m			
Well drained	Smooth sumac	<5m			
	Rose	<5m			

Comments:

Diverse, herbaceous unit adjacent to road; vegetation is very dense. Other species: jewelweed, groundsel tree, curly dock, thistle, dogbane, fleabane, goldenrod, poor-man's pepper, and Queen Anne lace.

Unit: 476
Acreage: 0.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
	Pokeweed	<5m			
Geophytes	Wild grape	<5m			
Slope	Dogbane	<5m			
Moist					

Comments:

Unit of Phragmites adjacent to road. Several herbaceous species scattered throughout: aforementioned species plus curly dock, Queen Anne's lace, mugwort, cool season grass, and poor-man's pepper.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 477
Acreage: 0.83
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m	Bridle path	Sports	Trash
Deciduous	Black cherry	<5m & >5m	House bricks	Foot traffic	Dumping
Phanerophytes	Red oak	<5m & >5m	Landfill		Fire
Level	Sassafras	<5m & >5m			
Well drained	Sweet cherry	<5m & >5m			
	Dogwood spp.	<5m			

Comments:

Nearly homogeneous black locust stand between road and marsh. Other trees include: mulberry, white ash and American elm. Understory along road (sloped area) is garlic mustard, near marsh it is goldenrod, and in between it consists of: jewelweed, elderberry, Rubus, Viburnum, wild grape, Japanese honeysuckle, poison ivy, Queen Anne's lace, and Japanese barberry. Note that path is used by horses.

Unit: 478
Acreage: 2.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Bridle path	Sports	Trash
	White oak	<5m & >5m	Excavation	Foot traffic	Dumping
Hemicryptophytes	Pignut hickory	<5m & >5m			Fire
Knoll	Black oak	>5m			
Well drained	Mockernut hickory	<5m			
	Black cherry	<5m & >5m			

Comments:

Residual oak stand with regeneration of oak, hickory, and black cherry between high marsh and road to Hutchinson parkway. Other trees include: Sassafras, bitternut hickory, black locust, black birch, and Ailanthus. Other species: Viburnum, Rubus, bittersweet, dogwood, witch hazel, sumac, Virginia creeper, day lily, poison ivy, brier, sweet pepperbush, and cool season grass. Ground vegetation is sparse. Some excavation done in spots; opening in east end has spurred hickory-oak sapling regeneration. Fire in 1984 near western end of the unit. Car burned recently affecting nearby vegetation.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 479
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m	Bridle path	Sports	Trash
Deciduous	Black cherry	<5m & >5m		Foot traffic	
Phanerophytes	Pignut hickory	<5m & >5m			
Undulating	Sassafras	>5m			
Moist	Black oak	>5m			
	White oak	<5m & >5m			

Comments:

Residual oak stand with black cherry-hickory regeneration. Little ground vegetation; abundance of leaf litter. Other trees include grey birch and Norway maple.

Unit: 480
Acreage: 0.55
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sesame grass	<5m			
Geophytes					
Level					
Wet					

Comments:

Sesame grass dominant. Fire is evident; several scars between woodland and salt marsh.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 481
Acreage: 0.50
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Groundsel tree	<5m			
Deciduous	Marsh elder	<5m			
Phanerophytes	Phragmites	<5m			
Level					
Wet					

Comments:

Upper marsh border along stream/drainage ditch. Lower salinity probably allows groundsel tree intrusion.

Unit: 482
Acreage: 0.87
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Culvert	Foot traffic	Dumping
Deciduous	White oak	<5m & >5m			Trash
Phanerophytes	Black cherry	>5m			
Level	Buckthorn	<5m			
Well drained	Shining sumac	<5m			
	Sassafras	<5m & >5m			

Comments:

Unit adjacent to Hutchinson River Parkway and high marsh. Roadside edge is more disturbed as evidenced by vegetation such as Ailanthus and mulberry. Abundance of lianas. Other species: Rubus, honeysuckle, Virginia creeper, bittersweet, Viburnum, poison ivy, blueberry and bayberry.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 483
Acreage: 0.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	<5m & >5m			
Deciduous	Pin oak	<5m & >5m			
Chamaephytes	Black cherry	<5m & >5m			
Knoll	Rubus	<5m			
Well drained	Bayberry	<5m			
	Chokeberry	<5m			

Comments:

Small knoll in high marsh. Other species: marsh mallow, cool season grass, Indian pipe, poison ivy, ferns, and black tupelo.

Unit: 484
Acreage: 2.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m	Dug pit	Foot traffic	
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Pin oak	>5m			
Slope	Dogwood	<5m			
Moist					

Comments:

Sassafras stand with abundant woody understory. Other species: grey birch, quaking aspen, Viburnum, jewelweed, enchanter's nightshade, Virginia creeper, Rubus, false Solomon's seal, and other herbaceous plants.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 485
Acreage: 0.79
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m		Auto Access	Dumping
Deciduous	Ailanthus	<5m & >5m		Foot traffic	Trash
Phanerophytes	Black cherry	<5m & >5m			
Level	Red maple	>5m			
Well drained	Wild grape	<5m			
	Poison ivy	<5m			

Comments:

Forest border along Hutchinson River Parkway. Other species: dogwood, crab apple, green ash, Sassafras, American elm, mockernut hickory, white oak, and honey locust. A lot of trash in area.

Unit: 486
Acreage: 2.63
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Green ash	<5m & >5m		Foot traffic	
Deciduous	Pin oak	<5m & >5m			
Phanerophytes	Black cherry	<5m & >5m			
Level	White oak	<5m & >5m			
Moist	Black tupelo	<5m & >5m			
	Basswood	<5m & >5m			

Comments:

Drainage of unit ranges from moist to wet; species indicative of this, such as skunk cabbage, Phragmites, Indian pipe, and monkey flower. An abundance of ferns. Other species: butternut, lichen, fringed loosestrife, dogwood, Rubus, Virginia creeper, blueberry, cool season grasses, American chestnut, and grey birch. Also, old, marked trail goes through unit.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 487
Acreage: 5.77
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Trail /bench	Foot traffic	Dumping
Evergreen	White oak	<5m & >5m			
Chamaephytes	Sassafras	<5m & >5m			
Undulating	Black cherry	<5m			
Well drained	Hickory	<5m & >5m			
	Ash	<5m & >5m			

Comments:

Large closed forest with a lot of black cherry regeneration. Old, paved trail, with benches, running through unit. Other species: American basswood, butternut, false Solomon's seal, enchanter's nightshade, Virginia creeper, bittersweet, and Viburnum.

Unit: 488
Acreage: 0.30
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m		Auto Access	Trash
Deciduous	Sumac	<5m		Foot traffic	
Phanerophytes	Black cherry	<5m			
Slope	Phragmites	<5m			
Moist	Mulberry	<5m			
	Green ash	<5m & >5m			

Comments:

Thick strip of vegetation between high marsh and Hutchinson River Parkway access ramp. Asphalt footpath on embankment is overgrown. There is a lot of trash from the highway. Other species: Virginia creeper, rose, Rubus, Japanese honeysuckle, milkweed, Queen Anne's lace, goldenrod, and poison ivy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 489
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Hawthorn	<5m	Road	Auto Access	Trash
Deciduous	Mulberry	<5m			
Hemicryptophytes	Bittersweet	<5m			
Level	Cool season grass	<5m			
Well drained					

Comments:

Unit predominantly hawthorn trees surrounded by mowed lawns; area is cloverleaf-type exit of Hutchinson River Parkway.

Unit: 490
Acreage: 1.47
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m		Foot traffic	
Deciduous	Black cherry	<5m & >5m		bridle path	
Phanerophytes	White ash	>5m			
Slope	Spicebush	<5m			
Well drained	Pin oak	>5m			

Comments:

Young, scrubby pioneer forest that surrounds clearing used for bridle path turnaround; area probably open/treeless in the past. Other species : crab apple, red maple, American elm, mulberry, swamp white oak, shagbark hickory, Rubus, garlic mustard, jewelweed, goldenrod, dogwood, and white snakeroot.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 491
Acreage: 0.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Bittersweet	<5m	bridle path	Hrs.bck.rid	Trash
Deciduous	Virginia creeper	<5m & >5m			
Lianas	Wild grape	<5m & >5m			
Slope	Mockernut hickory	<5m & >5m			
Moist	Red oak	<5m & >5m			
	Red maple	>5m			

Comments:

Woodland characterized by aforementioned lianas. Understory vegetation mainly spicebush and Viburnum; patch of trumpet vine along bridle path. Two very large red maple noted--approximately two feet in diameter--in southwest corner of unit.

Unit: 492
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Bittersweet	<5m		Bridle path	
Deciduous	Trumpet vine	<5m			
Lianas	Sassafras	<5m & >5m			
Level	Ailanthus	<5m			
Moist	Red oak	<5m			
	Hawthorn	<5m & >5m			

Comments:

Small break in forest canopy along bridle path; many lianas and scrubby trees present. Other species: black willow, bitternut hickory, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 493
Acreage: 0.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m		Foot traffic	
Deciduous	Black cherry	<5m & >5m		Bridle path	
Phanerophytes	Mockernut hickory	>5m			
Slope	Hawthorn	<5m			
Well drained					

Comments:

Trees surround sandy clearing at end of bridle path; possibly near site of Split Rock Road. Other species: rose, Japanese honeysuckle, bittersweet, goldenrod, and white snakeroot.

Unit: 494
Acreage: 0.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m		Benches	
Deciduous	Red oak	>5m		Foot traffic	
Hemicryptophytes	Black locust	<5m & >5m			
Knoll	Pin oak	<5m & >5m			
Well drained	Bitternut hickory	>5m			
	Cool season grass	<5m			

Comments:

Opening along little-used footpath between Split Rock Golf Course and Hutchinson River Parkway. Broken benches face once open vista to western marshes: this is now closed in by trees. Rock outcrops present. Other species: goldenrod, Ailanthus, poison ivy, and Japanese honeysuckle.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 495
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m		Bridle path	
Deciduous	Dogbane	<5m			
Chamaephytes	Black locust	<5m			
Level	Dogwood	<5m			
Well drained	Cool season grass	<5m			
	Bittersweet	<5m			

Comments:

Shrubs and grasses alongside of sandy clearing for bridle path; this path runs through shrub area. Other species: sumac, goldenrod, and miscellaneous herbs.

Unit: 496
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Cool season grass	<5m		Bridle path	Trash
Hemicryptophytes					
Level					
Excess drained					

Comments:

Sandy clearing with rock outcrop at major stopping point of bridle path. Area characterized by sand, rock, sparse grasses, and milkweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 497
Acreage: 0.68
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	>5m		Auto Access	
Deciduous	Black cherry	<5m		Foot traffic	
Phanerophytes	Ailanthus	<5m & >5m			
Slope					
Well drained					

Comments:

Sparse pioneer woodland which grew in between Hutchinson River Parkway and the footpath/bridle path. Other species: cool season grasses, bittersweet, sumac, Rubus, and Japanese honeysuckle.

Unit: 498
Acreage: 0.50
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m		Auto Access	
Deciduous	Ailanthus	<5m & >5m		Foot traffic	
Phanerophytes	Black locust	<5m			
Slope	American elm	<5m & >5m			
Excess drained	Sumac	<5m			

Comments:

Large rock outcrop that slopes toward the Hutchinson River Parkway; trees, shrubs, and grasses are growing in the cracks. Other species: switchgrass, bayberry, crab apple, pin oak, grey birch, wild grape, mosses, and other herbs.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 499
Acreage: 3.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	>5m		Foot traffic	
Deciduous	Black cherry	>5m		bridle path	
Geophytes	Pin oak	>5m			
Level	Shagbark hickory	>5m			
Well drained	Sassafras	>5m			
	Black locust	>5m			

Comments:

Woodland of young even-aged mixed species. Understory is low, mostly herbaceous, and easy to see through. Other species: dogwood, white oak, walnut, garlic mustard, white snakeroot, Virginia knotweed, enchanter's nightshade, ferns, and goldenrod.

Unit: 500
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m	Paved area	Foot traffic	Trash
Deciduous	Mugwort	<5m	Foundation	Auto Access	Compaction
Geophytes	Goldenrod	<5m			
Level	Ailanthus	<5m			
Excess drained	Black cherry	<5m			
	Mulberry	<5m			

Comments:

Old building site, largely paved. Vegetation is dense in places where concrete has been broken up, no vegetation where pavement is intact. A line of black locust trees by small building. Other species: Rubus, wild grape. Small building still present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 501
Acreage: 1.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	Jewelweed	<5m			
Phanerophytes	Black cherry	<5m			
Slope	Hickory	<5m & >5m			
Moist	Honeysuckle sp.	<5m			
	Goldenrod	<5m			

Comments:

Black locust overstory with dense jewelweed understory. Scattered tree regeneration of black cherry and hickory. Other species: spicebush, rose, thistle, Solomon's seal, and Rubus.

Unit: 502
Acreage: 1.84
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m		Auto Access	
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Sassafras	<5m & >5m			
Slope	American elm	<5m & >5m			
Well drained	Perennial herbs	<5m			
	Elderberry	<5m			

Comments:

Large hickory/black cherry forest with some other trees present and a lot of regeneration. Dense ground cover consisting of: poison ivy, Rubus, jewelweed, aster, rose, goldenrod, Virginia creeper.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 503
Acreage: 0.30
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sumac	<5m		Foot traffic	Bulldozed
	Rubus	<5m			
Phanerophytes	Goldenrod	<5m			
Level	Sassafras	<5m			
Well drained	Hickory	<5m			
	Grasses	<5m			

Comments:

Recently opened clearing. Vegetation is dense along edges with Rubus, sumac, and goldenrod; then, it thins out in center with goldenrod, cool season grasses, and Rubus. The ground surface is furrowed from heavy machinery. Other species: wild strawberry, mugwort, yarrow, thistle, common milkweed, and plantain.

Unit: 504
Acreage: 0.61
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	<5m & >5m	Poles	Foot traffic	
Deciduous	Black oak	>5m	Exotics		
Phanerophytes	Sassafras	<5m & >5m			
Level	White poplar	<5m			
Well drained	Black cherry	<5m			
	Goldenrod	<5m			

Comments:

Small woodland/clearing with dense ground cover. Much tree regeneration of black cherry, Sassafras, hickory, and white poplar. Abundance of lianas. Other species: wild grape, Rubus, mugwort, hickory, cool season grasses, and tulip poplar.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 505
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	>5m	Exotics	Auto Access	
Deciduous	Ailanthus	>5m			
Geophytes	Black cherry	<5m & >5m			
Level	Day lily	<5m			
Moist	Jewelweed	<5m			
	Black locust	>5m			

Comments:

Small stand of Sassafras with dense day lily understory. Some black cherry along road and one hickory.

Unit: 506
Acreage: 1.40
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway spruce	>5m	Exotics	Foot traffic	Trash
Everg.w/decid	Black cherry	<5m & >5m		Fireplace	
Phanerophytes	Spicebush	<5m			
Level	Hickory	<5m			
Moist	Poison ivy	<5m			
	Sassafras	<5m			

Comments:

Norway spruce plantation with deciduous regeneration as noted above. Patches of dense herbaceous growth including ferns and jewelweed. Other species: poison ivy, Virginia creeper, honeysuckle, and hickory and black locust regeneration.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 507
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m		Auto Access	
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Honeysuckle sp.	<5m			
Level	Rubus	<5m			
Moist	Jewelweed	<5m			

Comments:

Sassafras overstory with much black cherry regeneration and a few cherry trees. Ground vegetation sparse in some areas.
Species diverse. Bordered by trail on one side.

Unit: 508
Acreage: 0.76
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m			
Deciduous	Pin oak	>5m			
Phanerophytes	Black cherry	<5m & >5m			
Slope	Sassafras	<5m & >5m			
Well drained	White ash	>5m			

Comments:

Mixed woods alongside clearing. Young black cherry and Sassafras fill the gaps between the older oaks.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 509
Acreage: 2.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m	Foundation	Foot traffic	Trash
Deciduous	Spicebush	<5m		Auto Access	Dumping
Phanerophytes	White oak	>5m			
Slope	Black cherry	<5m & >5m			
Well drained	Sugar maple	<5m & >5m			
	White ash	>5m			

Comments:

Large diverse unit with trees of various sizes. Understory has much tree regeneration with varied herbaceous cover. Other species: dogwood, Sassafras, elm, basswood, aster, Indian pipe, bittersweet, poison ivy, maple-leaf Viburnum, Solomon's seal, Virginia creeper. Trail bisects unit.

Unit: 510
Acreage: 0.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	<5m & >5m	Fireplace	Foot traffic	Erosion
Deciduous	Black oak	<5m & >5m		Fireplace	Trash
Lianas	Wild grape	<5m & >5m			Compaction
Level	Jewelweed	<5m			
Well drained	Goldenrod	<5m			
	Sensitive fern	<5m			

Comments:

Opening at edge of closed forest. Two major (highly trafficked) foot paths meet here. One edge of opening comes to high marsh; a lot of erosion is occurring at this point. Vegetation is denser (with spp. listed above) as you approach the forest. Other species: Joe-pye weed, grasses (towards marsh and on paths), yarrow, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 511
Acreage: 0.84
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black tupelo	<5m & >5m	Fireplace		
Deciduous	Red maple	<5m & >5m	Drainage		
Phanerophytes	Pin oak	>5m			
Undulating	Spicebush	<5m			
Wet	Sensitive fern	<5m			
	Black cherry	<5m & >5m			

Comments:

Unit characterized by wet site species, set in a depression. Understory sparse in some places, dense in others. A lot of black cherry regeneration and spicebush. Ground cover also includes: aster, tulip poplar, Virginia creeper, poison ivy, ferns, arrowwood, wild geranium, honeysuckle, elderberry, goldenrod, jewelweed, mosses. Other trees present: hickory, grey birch.

Unit: 512
Acreage: 1.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Stone wall	Foot traffic	Trash
Deciduous	White oak	>5m		Auto Access	
Phanerophytes	Hickory	>5m			
Level	Post oak	>5m			
Well drained	Sassafras	<5m & >5m			
	Black cherry	<5m			

Comments:

Closed forest with widely spaced large trees. Dense understory with much tree regeneration and herbaceous vegetation. Unit at intersection of 2 major trails. Other species: goldenrod, Virginia creeper, dogwood, aster, wild rhubarb, wild grape, mugwort, grasses, black locust regeneration, poison ivy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 513
Acreage: 1.85
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	<5m & >5m		Foot traffic	Trash
Deciduous	White oak	>5m		Auto Access	
Therophytes	Hickory	<5m & >5m		Toilet	
Level	Tulip poplar	>5m			
Well drained	Jewelweed	<5m			
	Grey birch	<5m			

Comments:

Woodland unit with widely spaced trees and dense herbaceous understory with some tree regeneration. Area easily accessible from highly used trail. Other species: elderberry, rose, thistle, goldenrod, Rubus, cool season grasses, curly dock, and day lily.

Unit: 514
Acreage: 0.54
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m		Foot traffic	Fire
Deciduous	Sassafras	<5m & >5m			Trash
Hemicryptophytes	Black locust	>5m			
Level	Spicebush	<5m			
Well drained	Goldenrod	<5m			
	Aster	<5m			

Comments:

A transitional zone between open area with young tree regeneration, and few forest units with different tree compositions. Diverse undergrowth, including false Solomon's seal, honeysuckle, Rubus, and Virginia creeper.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 515
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m			
Deciduous	Perennial herb	<5m			
Chamaephytes					
Level					
Well drained					

Comments:
 Small unit of impenetrable Rubus.

Unit: 516
Acreage: 0.79
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m			
Deciduous	Red oak	<5m & >5m		Foot traffic	
Phanerophytes	Black oak	<5m & >5m		Fireplace	
Level	Grey birch	<5m			
Well drained	Rubus	<5m			
	Goldenrod	<5m			

Comments:
 Large, previously open area with dense tree regeneration. Some open areas amidst trees, densely vegetated with goldenrod, Rubus, or both. Other species: yarrow, wild strawberry, cinquefoil, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 517
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Smooth sumac	<5m			
Deciduous	Goldenrod	<5m			
Phanerophytes	Rubus	<5m			
Level	Virginia creeper	<5m			
Well drained					

Comments:

Small unit of smooth sumac at edge of woodland/clearing. Ground cover consists of species listed above and a few other herbaceous species.

Unit: 518
Acreage: 2.45
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m			
Deciduous	Oak	<5m & >5m			
Phanerophytes	Sassafras	<5m			
Level	Hickory	<5m & >5m			
Well drained	Rubus	<5m			

Comments:

Heavy tree regeneration. Also dense with other species in understory: Rubus, goldenrod, aster, enchanter's nightshade, and lianas. Large mature trees are scattered throughout. Regeneration is of all sizes. Rubus makes unit hard to walk through.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 519
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m		Auto Access	
Deciduous	Dogbane	<5m			
Hemicryptophytes	Figwort	<5m			
Level	Rubus	<5m			
Well drained	Yarrow	<5m			
	White ash	<5m			

Comments:

Small clearing surrounded by small trees of the adjacent unit. Extremely dominated by goldenrod. Other species: sumac, Joe-pye weed, and lianas. Main trail along edge of unit.

Unit: 520
Acreage: 0.63
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>5m	Drainage	Foot traffic	Fire
Deciduous	Hickory	<5m & >5m			Trash
Phanerophytes	Sassafras	<5m & >5m			
Level	Sweetgum	<5m & >5m			
Well drained	Dogwood	>5m			
	Grey birch	>5m			

Comments:

Borderline closed forest/woodland. Some areas densely vegetated with younger trees (i.e. Sassafras, oak and black cherry); some areas with large full crown oaks intermittently spaced. Young trees that had been killed by fire are resprouting. Ground cover is fairly dense herbaceous species: jewelweed, goldenrod, Rubus, sensitive fern, Joe-pye weed, and dodder.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 521
Acreage: 0.33
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Joe-Pye weed	<5m			
	Jewelweed	<5m			
Geophytes	Day lily	<5m			
Level	Goldenrod	<5m			
Moist	Elderberry	<5m			

Comments:

Clearing bisected by trail. Larger side predominantly Joe-pye weed; smaller side mostly day lilies and jewelweed. Several drainage ditches running through unit. Three dead/dying ashes in unit. Other species: red oak, mugwort, poison ivy, sensitive fern, and oak regeneration.

Unit: 522
Acreage: 1.07
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	<5m & >5m	Drainage		
Deciduous	Red maple	>5m			
Lianas	Grey birch	>5m			
Level	Mulberry	>5m			
Moist	Red oak	>5m			
	Black cherry	<5m			

Comments:

Very moist unit, most likely due to drainage ditches running adjacent to it. Species found are indicative of wet sites (see above). Some tree regeneration such as hickory, sweetgum, and black cherry. Some dying aspen in unit. Other species: Virginia creeper, poison ivy, Sassafras, honeysuckle, Rubus, day lily, sensitive fern, jewelweed, elderberry, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 523
Acreage: 0.54
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Elderberry	<5m		Foot traffic	
	Red maple	>5m		Auto Access	
Phanerophytes	Pin oak	>5m			
Level	Jewelweed	<5m			
Moist	Sensitive fern	<5m			
	Sweetgum	>5m			

Comments:

Dense vegetated area that is impenetrable for the most part. Species indicative of moist sites (see above). Other species: hickory, mulberry, ash, etc.

Unit: 524
Acreage: 2.75
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m	Exotics	Foot traffic	Trash
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Oak	<5m & >5m			
Undulating	Black ash	<5m & >5m			
Well drained	Red maple	>5m			
	Elm	>5m			

Comments:

Large diverse unit adjacent to a heavily used picnic area. Species composition is varied, possibly due to plantings and the area having been open in the past. Understory is also dense and diverse. Other species: jewelweed, sensitive fern, goldenrod, honeysuckle, elderberry, Viburnum, poison ivy, Rubus, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 525
Acreage: 0.58
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>5m		Foot traffic	Compaction
Deciduous	Red oak	>5m		Auto Access	Trash
Hemicryptophytes	Cool season grass	<5m		Picnic	
Level	Smartweed	<5m			
Well drained	Perennial herbs	<5m			
	Black cherry	<5m			

Comments:

Small area with large oaks and spacious canopies. Understory is mowed lawn. Unit bordered by heavily used trail and dense forest; it is nearby a heavily used picnic area. A small amount of other herbaceous species around base of trees where mower cannot reach.

Unit: 526
Acreage: 0.98
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m	Exotics	Foot traffic	Trash
Deciduous	Apple	>5m			Pollution
Phanerophytes	Smooth sumac	<5m			
Level	Sycamore	>5m			
Well drained	Quaking aspen	>5m			

Comments:

Small trees and shrubs that comprise woodland at edge of picnic area. Large number of apple trees indicates that this area may have been an orchard at one time. Vegetation is dense. Other species: goldenrod, Rubus, and cool season grasses. Areas that jut out into picnic area are mowed. Small patch of Phragmites towards northern end of unit.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 527
Acreage: 1.23
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m	Full crown		Dumping
Deciduous	Red oak	<5m & >5m	Exotics		
Phanerophytes	Sassafras	<5m & >5m			
Level	Hickory	>5m			
Well drained	Black cherry	<5m			
	White ash	<5m			

Comments:

Large oaks in unit that may have lined road at one time. Other trees present are also large and old. Black cherry regeneration is very dense. Other species: enchanter's nightshade, jewelweed, goldenrod, and Virginia creeper.

Unit: 528
Acreage: 0.87
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m		Foot traffic	
Deciduous	Black cherry	<5m & >5m		Auto Access	
Phanerophytes	Sassafras	>5m			
Level	Oak	<5m & >5m			
Well drained					

Comments:

Unit across trail from unit 529. Similar to 529 except black cherry is more abundant, especially in the understory. Again, Sassafras is growing on northern edge; possibly taking over adjacent clearing. Three or four grey birch mixed in with Sassafras. Other species: garlic mustard, Rubus, enchanter's nightshade, Virginia creeper, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 529
Acreage: 3.02
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m	Stone wall	Foot traffic	
Deciduous	Black cherry	<5m & >5m			
Lianas	Virginia creeper	<5m			
Level	Rose	<5m			
Well drained	Mulberry	<5m			

Comments:

Large hickory forest with low, dense understory/ground cover. Some Sassafras at unit's northern edge. Other species: honeysuckle, enchanter's nightshade, bittersweet, goldenrod, wild strawberry, etc.

Unit: 530
Acreage: 0.10
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m		Auto Access	
Deciduous	Hickory	<5m & >5m			
Therophytes	Sumac	<5m			
Level	Mulberry	>5m			
Well drained	Jewelweed	<5m			
	Rubus	<5m			

Comments:

Small area with a few mature trees and some regeneration. Understory dense with jewelweed, Rubus, goldenrod, and other herbaceous species. Unit on edge of road/trail.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 531
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m		Foot traffic	
Deciduous	Jewelweed	<5m		Auto Access	
Therophytes					
Level					
Well drained					

Comments:

Small patch of Ailanthus within a large woodland unit. Ground cover consists of dense jewelweed with other scattered herbaceous species. A few young black locusts.

Unit: 532
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Jewelweed	<5m			
	Elderberry	<5m			
Therophytes	Rubus	<5m			
Level	Goldenrod	<5m			
Well drained	Chives	<5m			
	Hickory	<5m			

Comments:

Small clearing in a woodland dominated by jewelweed. Other species: white ash regeneration, thistle, and day lily.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 533
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			Trash
Deciduous	Goldenrod	<5m			
Chamaephytes	Blackgrass	<5m			
Slope	Spikegrass	<5m			
Wet					

Comments:

Upper salt marsh border adjacent to forest vegetation.

Unit: 534
Acreage: 0.86
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	>5m		Foot traffic	Fire
Deciduous	Chestnut oak	>5m		Auto Access	
Hemicryptophytes	Tulip poplar	<5m & >5m			
Level	White oak	<5m & >5m			
Moist	Black locust	<5m			
	Dogwood	>5m			

Comments:

Strip of unique species between high marsh and oak forest. Red oak and Sassafras are abundant as well. Ground cover consists of ferns, bittersweet, aster, goldenrod, poison ivy, wild grape, wild geranium, Sassafras regeneration, cinquefoil, and sensitive fern.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 535
Acreage: 3.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m		Foot traffic	Flotsam
Geophytes	Salt-mdw cordgrass	<5m			
Level	Blackgrass	<5m			
Wet					

Comments:

Small high marsh at tip of a peninsula and a narrow band. Vegetation is typical of that found in a salt water high marsh.

Unit: 536
Acreage: 0.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			
Deciduous	Goldenrod	<5m			
Chamaephytes	Milkweed	<5m			
Slope	Thistle	<5m			
Moist	Seaside goldenrod	<5m			
	Switchgrass	<5m			

Comments:

Small band of marsh elder and goldenrod between high marsh and forest.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 537
Acreage: 1.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Salt mdw cordgrass	<5m			Flotsam
	Sedges	<5m			
Therophytes	Curly dock	<5m			
Level	Phragmites	<5m			
Wet	Spikegrass	<5m			
	Salt mdw cordgrass	<5m			

Comments:

Unit was once open to free water movement but has recently been closed off. A few spots of standing water or extremely wet ground still persist. High marsh grasses are at edge of area where water flowed in. Species that exist in less saline environments are away from this area.

Unit: 538
Acreage: 1.74
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Cool season grass	<5m		Fishing	Erosion
	Perennial herbs	<5m			Trash
Hemicryptophytes	Smooth sumac	<5m			
Slope	Black locust	<5m			
Excess drained					

Comments:

Rocky and sandy shoreline; little vegetation except for occasional plant in rock crevice. Fishing spot. Two locations.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 539
Acreage: 0.40
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	<5m & >5m	Fence	Foot traffic	Trash
Deciduous	Red oak	<5m	Bench	Sports	
Phanerophytes	Chestnut oak	>5m		Picnic	
Knoll	Black cherry	<5m & >5m			
Well drained	Post oak	>5m			
	Sassafras	<5m			

Comments:

Rocky knoll at end of a marsh peninsula. Large trees are oaks and black cherry with other species regeneration as will. Area used often by fishermen. Other species: bittersweet, shining sumac, medium grasses and short cool season grasses, poison ivy, serviceberry, goldenrod, and black locust regeneration.

Unit: 540
Acreage: 0.57
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert				Foot traffic	Trash
Slope					
Excess drained					

Comments:

Rock outcroppings along shoreline. Sparse vegetation includes poison ivy and grasses.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 541
Acreage: 0.10
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m			Erosion
	Sesame grass	<5m			Trash
Hemicryptophytes	Japanese knotweed	<5m			
Slope	Mustard	<5m			
Moist	Unknown herb	<5m			
	Indian hemp	<5m			

Comments:

Border between high marsh and forest edge. Eroding bank enables less salt tolerant herbs and grasses to become established. Great plant diversity. Also: plantain, switchgrass.

Unit: 542
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Bitternut hickory	<5m & >5m		Auto Access	
Deciduous	Black locust	>5m			
Lianas	Wild grape	<5m			
Knoll	Smooth sumac	<5m			
Moist	Honeysuckle sp.	<5m			
	Poison ivy	<5m			

Comments:

Three separate woodland patches located at the edge of Phragmites. Other species: jewelweed, Virginia creeper, mulberry, goldenrod, deadly nightshade, common milkweed, Rubus. Also present are one red oak and one cottonwood sapling.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 543
Acreage: 1.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m	Road		Dumping
Deciduous	Hickory	<5m & >5m			Trash
Phanerophytes	Sassafras	<5m & >5m			
Knoll	Black locust	>5m			
Well drained	Black cherry	<5m & >5m			
	Buckthorn	<5m			

Comments:

Closed forest located on a rocky knoll; some openings in canopy. Evidence of an old, concrete road. Abandoned car in unit.
 Understory species: garlic mustard, aster, violet (?), and regeneration of above tree species and white oak. White oak present in overstory too.

Unit: 544
Acreage: 4.60
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m		Auto Access	
Geophytes					
Slope					
Wet					

Comments:

Presence of large amount of Phragmites may have resulted from the recent blockage of the tidal flow. Poison ivy, jewelweed, and milkweed are intermingled with Phragmites along edge near road.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 545
Acreage: 0.84
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Aquatic plant	Duckweed	<5m			H2OImpound
	Phragmites	<5m			
Level	Salt mdw fleabane	<5m			
Surface water					

Comments:

Standing water, either fresh or brackish, impound by roadbed to south which was constructed before 1885. Duckweed (?) covers surface of shallow water; fleabane and Phragmites around periphery.

Unit: 546
Acreage: 0.33
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Smooth sumac	<5m		Auto Access	Bulldozing
Deciduous	Rubus	<5m			
Phanerophytes	Goldenrod	<5m			
Slope	American elm	<5m & >5m			
Moist	Apple	>5m			
	Jewelweed	<5m			

Comments:

Band of dense vegetation consisting primarily of smooth sumac and Rubus between Phragmites and mowed lawn along roadside. Other species in large numbers: milkweed, rose, thistle, wild grape, elderberry, switchgrass, purple loosestrife, and Virginia creeper. Small drainage ditch leads from road edge into unit.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 547
Acreage: 0.51
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m	Road		Roadbed
	Switchgrass	<5m			
Geophytes	Rubus	<5m			
Knoll	Smooth sumac	<5m			
Moist	Purple loosestrife	<5m			
	Wild grape	<5m			

Comments:

Abandoned roadbed constructed before 1885; higher than surrounding wetland. Easy to walk on; disrupts drainage of marsh. Other species: mullein, common milkweed, bayberry, groundsel tree, bindweed, rose, black willow, deadly nightshade, others.

Unit: 548
Acreage: 1.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Grasswort	<5m			
	Salt meadow fleabane	<5m			
Therophytes	Salt meadow cordgrass	<5m			
Level					
Surface water					

Comments:

Salt marsh with mostly succulent annuals. Some mosquito ditching.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 549
Acreage: 2.24
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m	Road	Auto Access	Dumping
Deciduous	Black cherry	<5m & >5m	Cement		Trash
Phanerophytes	Sassafras	<5m & >5m			
Slope	Bitternut hickory	<5m			
Moist	American elm	>5m			
	Red oak	>5m			

Comments:

Black locust/black cherry on near abandoned roadway, continuing around shrubland. Also white poplar near driving range fence.
 Understory: Rubus, garlic mustard, aster.

Unit: 550
Acreage: 0.50
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Willow	<5m & >5m		Auto Access	
Deciduous	Smooth sumac	<5m			
Phanerophytes	Black walnut	<5m & >5m			
Slope	Phragmites	<5m			
Moist	Rubus	<5m			
	Sycamore maple	<5m & >5m			

Comments:

Small woodland bordering roadside. Other species include: milkweed, Viburnum, mulberry, aster, bittersweet, Virginia creeper, jewelweed, ash, Queen Anne's lace, yarrow, fleabane, and wild grape.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 551
Acreage: 3.37
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Salt wtr cordgrass	<5m	Stone wall		
	Glasswort	<5m			
Geophytes	Phragmites	<5m			
Level	Salt mdw fleabane	<5m			
Surface water	Spikegrass	<5m			

Comments:

Salt marsh, often flooded; mosquito ditching present. Normal marsh vegetation pattern is absent perhaps due to tidal restriction, such as a culvert.

Unit: 552
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Jewelweed	<5m			
	Phragmites	<5m			
Therophytes	Wild grape	<5m			
Level	Dodder	<5m			
Moist	Purple loosestrife	<5m			
	Chives	<5m			

Comments:

Small area between Phragmites and woodland. Very dense with jewelweed covered with dodder. Possibly the result of fill.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 553
Acreage: 0.65
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
	Blackgrass	<5m			
Geophytes	Purple loosestrife	<5m			
Level	Deadly nightshade	<5m			
Wet					

Comments:
 Upper salt marsh border.

Unit: 554
Acreage: 2.41
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m			
Deciduous	Elderberry	<5m			
Phanerophytes	Viburnum	<5m			
Level	Bayberry	<5m			
Wet	Dogwood	<5m			
	Wild grape	<5m			

Comments:
 Shrubland with many herbaceous plants intermixed. Wet to moist soil. Moisture may retard tree growth. Other species: rose, apple, red oak, black cherry, green ash, cottonwood, hawthorn, American elm, pin oak. Also present are: milkweed, aster, sneezeweed, goldenrod, common tansy, jewelweed, switchgrass, burweed, and purple loosestrife.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 555
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	American elm	<5m & >5m			
Deciduous	Black locust	<5m			
Phanerophytes	Dogwood	<5m			
Level	Black cherry	<5m			
Moist	Viburnum	<5m			
	Bayberry	<5m			

Comments:

Small elm woodland adjacent to large shrubland/meadow. Soil wet most of year. Surrounded by black locust.

Unit: 556
Acreage: 1.96
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	<5m & >5m			
Deciduous	Royal Paulownia	>5m			
Phanerophytes	Green ash	>5m			
Level	Black cherry	<5m			
Moist	Rubus	<5m			
	Smooth Sumac	<5m			

Comments:

Scattered small trees interspersed with abundant, dense shrubs on moist/wet soil. Also: elderberry, buckthorn, arrowwood, Viburnum, wild grape, willow, mulberry, grey-stem dogwood, and miscellaneous perennial herbs.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 557
Acreage: 2.80
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m	Trail marks	Foot traffic	
Deciduous	Sycamore maple	<5m & >5m	cement ruin	Auto Access	
Phanerophytes	Black cherry	<5m & >5m			
Level	American elm	<5m			
Well drained	Black locust	>5m			

Comments:

Large stand of white poplar; most tree regeneration is other than white poplar: black cherry, elm, sycamore maple. Understory thins out in center of the unit. Sycamore maple regeneration is predominant in west side of unit and along edge near road. Black cherry is predominant in the east side. Other species: aster, garlic mustard, false Solomon's seal, Rubus, jewelweed, violet, goldenrod, honeysuckle, hickory regeneration, sycamore maple and lianas line the road edge.

Unit: 558
Acreage: 3.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Well	Foot traffic	
Deciduous	American elm	<5m & >5m			
Phanerophytes	White ash	<5m & >5m			
Level	Juniper	>5m			
Well drained	Black cherry	<5m & >5m			
	Sycamore maple	>5m			

Comments:

Black locust stand with much black cherry regeneration. Other species: Viburnum, Virginia creeper, Rubus, honeysuckle, rose, poison ivy, goldenrod, false Solomon's seal, horse chestnut, elderberry, and an elm stand (not American elm).

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 559
Acreage: 0.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	>5m			Dumping
Deciduous	Ailanthus	>5m			Trash
Lianas	Honeysuckle sp.	<5m & >5m			
Level	Poison ivy	<5m & >5m			
Well drained	Rubus	<5m			
	Smooth sumac	<5m			

Comments:

Overgrown area at the end of golf driving range. Species that are outside of the range are beginning to move into area. Other species: goldenrod, black cherry regeneration and perennial herbs. Fence along northern edge of unit.

Unit: 560
Acreage: 0.30
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Wild grape	<5m & >5m		Auto Access	
Deciduous	Norway maple	>5m			
Lianas	Black cherry	<5m & >5m			
Level	Mulberry	>5m			
Well drained	American elm	<5m			
	White ash	>5m			

Comments:

Small unit along heavily used road--lianas cover everything. Other species: smooth sumac, jewelweed, wild parsnip, hawkweed, perennial herbs, hickory, mugwort, deadly nightshade, goldenrod, aster, poor man's pepper and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 561
Acreage: 11.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Sports	
	White clover	<5m		Foot traffic	
Hemicryptophytes	Dandelion	<5m		Picnic	
Level	Plantain	<5m			
Well drained					

Comments:

Driving range and restaurant/picnic area. Area fenced in. Lawn is fertilized. Asphalt path divides picnic area. Unit heavily used.

Unit: 562
Acreage: 0.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m			
Deciduous	Swamp white oak	>5m			
Phanerophytes	Chestnut oak	>5m			
Level	American elm	<5m			
Moist	Mulberry	<5m			
	Hawthorn	<5m			

Comments:

Widely spaced young trees separated by shrubs and herbaceous plants. Difficult to walk through. Unit alongside driving range. Also: elderberry, buckthorn, jewelweed, purple loosestrife, goldenrod, wild grape.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 563
Acreage: 0.47
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	>5m			
Deciduous	Red oak	>5m			
Phanerophytes	Black oak	>5m			
Slope	White ash	>5m			
Moist	Pin oak	>5m			

Comments:

Line of continuous large (50') trees surrounded by woodland with shrubs. Understory similar to unit 565; area inaccessible and little used.

Unit: 564
Acreage: 0.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
Deciduous	Jewelweed	<5m			
Geophytes	Mugwort	<5m			
Level	Wild parsnip	<5m			
Moist	Purple loosestrife	<5m			
	Elm	>5m			

Comments:

Primarily a meadow area dominated by Phragmites. Other herbaceous vegetation includes: goldenrod, sedge, Rubus, Indian hemp, bittersweet, poison ivy, common tansy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 565
Acreage: 1.00
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Swamp white oak	>5m			
Deciduous	White oak	>5m			
Phanerophytes	White ash	>5m			
Level	Pin oak	>5m			
Moist	Buckthorn	<5m			
	Elderberry	<5m			

Comments:

Widely spaced large trees (40') near wetland. Abundant shrubs and herbaceous plants intermixed. Other species: Ailanthus, bittersweet, Rubus, Phragmites, poison ivy, Virginia creeper.

Unit: 566
Acreage: 0.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m			
Deciduous	Mulberry	<5m			
Phanerophytes	Elderberry	<5m			
Slope	Jewelweed	<5m			
Moist					

Comments:

Black locust at edge of marsh. Minor vegetation includes mugwort, true Solomon's seal, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 567
Acreage: 4.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	>5m		Foot traffic	
Deciduous	White ash	<5m			
Geophytes	Hawthorn	<5m			
Level	Red oak	<5m & >5m			
Well drained	Hickory	<5m			

Comments:

Large stand of white poplar with little or no poplar regeneration. Understory lianas in spots, thin elsewhere. Ground cover consists of goldenrod, rose, honeysuckle, garlic mustard, perennial herbs. Poplar mixes with red oak and has dense jewelweed understory with black cherry regeneration on the southeastern edge of unit.

Unit: 568
Acreage: 0.19
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Hawthorn	<5m	Excavation	Foot traffic	Trash
Deciduous	Green ash	<5m			Dumping
Phanerophytes	Rose	<5m			
Level	Black cherry	<5m			
Moist	Sumac	<5m			
	Rubus	<5m			

Comments:

Moist woodland with small trees on excavated site next to golf driving range. Other species includes wild strawberry, goldenrod, Viburnum. Drainage ditch parallels fence.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 569
Acreage: 0.50
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m			Dumping
	Purple loosestrife	<5m			
Hemicryptophytes	Black-eyed Susan	<5m			
Level	Green ash	<5m			
Moist	Milkweed	<5m			
	Yarrow	<5m			

Comments:

Meadow-like area within the boundaries of the driving range. Probably had been mowed at one time. Species include a little tree regeneration (green ash, red oak), Rubus and rose. Similar species are present in unit on the other side of fence.

Unit: 570
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
	Green ash	<5m & >5m			
Geophytes	Rose	<5m			
Level	Jewelweed	<5m			
Wet	Sedges	<5m			

Comments:

Other species include purple loosestrife.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 571
Acreage: 0.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Switchgrass	<5m			
	Purple loosestrife	<5m			
Hemicryptophytes	Rubus	<5m			
Level	Goldenrod	<5m			
Wet	Black-eyed Susan	<5m			
	Rose	<5m			

Comments:

Wet meadow surrounded by closed forest on three sides and golf driving range on one side. Other species: pin oak, bayberry, red maple, and green ash.

Unit: 572
Acreage: 2.76
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Hawthorn	<5m			
Deciduous	Green ash	<5m			
Phanerophytes	White ash	<5m			
Level	Apple	<5m			
Wet	Cool season grass	<5m			
	Goldenrod	<5m			

Comments:

Large woodland unit that ranges from a borderline woodland/meadow to a woodland dense with young trees. All trees are young; understory is similar to adjacent meadow at north and includes switchgrass, black-eyed Susan, rose, Rubus, and purple loosestrife. Also some black cherry and Sassafras regeneration at southeast edge.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 573
Acreage: 0.80
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ash(green & white)	<5m & >5m	Stone wall	Fireplace	Erosion
Deciduous	Black locust	>5m			
Phanerophytes	Hickory	<5m & >5m			
Level	Sassafras	<5m & >5m			
Moist	Black cherry	<5m			
	Pin oak	>5m			

Comments:

Unit of young trees in between meadow and closed forest. Transitional? Depression with mound of dirt running alongside suggest that there was once a road running through this site. Dense ground cover consisting of jewelweed, Rubus and goldenrod. Other species: elm, hawthorn.

Unit: 574
Acreage: 0.63
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	Black cherry	<5m			
Therophytes	Jewelweed	<5m			
Undulating	Rubus	<5m			
Moist	Goldenrod	<5m			

Comments:

Closed forest with scattered, deformed black locust--possibly due to excessive moisture. Ground surface is in the form of hummocks and hollows.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 575
Acreage: 0.54
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m			
	Jewelweed	<5m			
Chamaephytes	Wild grape	<5m & >5m			
Level	Bittersweet	<5m & >5m			
Well drained	Catbrier	<5m & >5m			
	Joe-Pye weed	<5m			

Comments:

Clearing with dense vegetation. Majority of the perimeter is a "wall" of lianas (as listed above). Supported by the following tree spp: pin oak, black cherry, Sassafras, white poplar, hickory. Because unit consisted of impenetrable species identification was difficult. Depression running along eastern boundary.

Unit: 576
Acreage: 20.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Drain ditch	Foot traffic	Trash
Deciduous	Black birch	>5m			
Phanerophytes	Tulip poplar	<5m & >5m			
Level	Black tupelo	<5m & >5m			
Moist	Box Elder	<5m & >5m			
	Black walnut	>5m			

Comments:

Old overgrown, paved footpath. Large diverse/dense unit. Really no order of dominance because of diversity. Other species in overstory: dogwood, hickory, elm. Spp. in understory: tree regeneration (elm, Norway maple, black cherry and those indicated above), Viburnum, spicebush, Virginia creeper, aster, Rubus. Also false Solomon's seal, poison ivy, ferns, thistle, jewelweed, and wild grape.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 577
Acreage: 0.30
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Green ash	<5m & >5m		Foot traffic	
Deciduous	Box Elder	<5m & >5m			
Phanerophytes	Hickory	<5m & >5m			
Level	Arrowwood	<5m			
Wet	Buckthorn	<5m			
	Skunk cabbage	<5m			

Comments:

Large, dense woodland in between closed forest and major road. A lot of lianas. Other species: jewelweed, Rubus, black cherry, wild grape, goldenrod.

Unit: 578
Acreage: 0.40
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Oak(pin & red)	>5m			Trash
Deciduous	Green ash	<5m & >5m			
Hemicryptophytes	Ailanthus	<5m & >5m			
Slope	Hickory	>5m			
Moist	Spicebush	<5m			
	Purple loosestrife	<5m			

Comments:

Small woodland located at edge of a road. The roadside edges have steep slopes that end in a moist depression. Other species: goldenrod, dogbane, poison ivy, Rubus, catbrier, Virginia creeper, thistle, Queen Anne's lace, jewelweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 579
Acreage: 1.41
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m	Drain ditch	Auto Access	
Deciduous	Red maple	<5m & >5m	Stone fence		
Phanerophytes	American beech	<5m & >5m			
Undulating	Black birch	>5m			
Wet	Skunk cabbage	<5m			
	American hornbeam	>5m			

Comments:

Wet area with some spots more wet than others. Rocky ground cover dense in most places with jewelweed--also Virginia creeper, garlic mustard, Rubus, etc. Special note: presence of cattails, Phragmites, ferns, (sensitive and others), spicebush, skunk cabbage in certain wet areas. Other tree species: dogwood, red oak, black cherry, green ash, white ash, mulberry, tulip poplar.

Unit: 580
Acreage: 3.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Foot traffic	Trash
Deciduous	Black cherry	<5m & >5m			Fire
Phanerophytes	Bitternut hickory	<5m & >5m			
Level	White ash	<5m & >5m			
Well drained	Dogwood	<5m			
	Viburnum	<5m			

Comments:

Mostly black locust/black cherry stand. Dogwood and Viburnum more prevalent in the understory in southwest part of unit. Ground vegetation includes: false Solomon's seal, garlic mustard, Japanese honeysuckle, Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 581
Acreage: 0.35
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sassafras	>5m	Road	Foot traffic	Trash
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Black locust	>5m			
Level	Apple	>5m			
Well drained	Jewelweed	<5m			
	Phragmites	<5m			

Comments:

Area along old road with trees under 60 feet and some open parts. Other species include: Rubus, elderberry, rose.

Unit: 582
Acreage: 1.02
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m		Foot traffic	
Deciduous	Bitternut hickory	<5m & >5m		Fireplace	
Therophytes	White ash	<5m & >5m			
Level	Sassafras	<5m & >5m			
Well drained	Pin oak	>5m			
	Ailanthus	<5m & >5m			

Comments:

Mid-aged cherry-hickory-ash stand. Understory dominated by jewelweed; also Rubus, privet, rose, poison ivy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 583
Acreage: 0.78
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	>5m			
Deciduous	White ash	>5m			
Therophytes	Jewelweed	<5m			
Level	Black cherry	<5m			
Well drained					

Comments:

Ground vegetation includes mostly jewelweed, plus Viburnum, Rubus and goldenrod.

Unit: 584
Acreage: 1.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m	Full crown		Trash
Deciduous	Black locust	<5m & >5m			
Phanerophytes	Shagbark hickory	>5m			
Undulating	Pin oak	>5m			
Moist	Black cherry	<5m & >5m			
	Black tupelo	<5m & >5m			

Comments:

Full crown tree is pin oak with large red oak, white oak, and shagbark hickory. Other species include: swamp white oak, Sassafras, white ash, American elm, rose, jewelweed, garlic mustard, Rubus, white snakeroot, poison ivy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 585
Acreage: 0.23
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m			
Deciduous	Black cherry	<5m & >5m			
Therophytes	White ash	<5m & >5m			
Level	Pin oak	>5m			
Moist					

Comments:

Stand is nearly homogeneous; mature trees in western area of unit with black cherry regeneration. Understory is garlic mustard, jewelweed, white snakeroot, Japanese honeysuckle, Virginia creeper.

Unit: 586
Acreage: 0.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	<5m & >5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	White ash	<5m & >5m			
Level	Dogwood	<5m & >5m			
Well drained	Viburnum	<5m			

Comments:

Unit near path and southwestern edge of golf range. Other species include American elm, crab apple, grey birch, hawthorn, rose, Japanese honeysuckle, garlic mustard, goldenrod, wild strawberry.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 587
Acreage: 1.83
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White ash	<5m & >5m	Excavation	Foot traffic	Trash
Deciduous	Black cherry	>5m		Bridle path	
Phanerophytes	Pin oak	>5m			
Slope	Mulberry	<5m & >5m			
Well drained	Red oak	<5m & >5m			
	Red maple	>5m			

Comments:

Strip between city island road and foot path with lots of variation. Excavated to build road, now sloped. Other species include: American elm, grey birch, Norway maple, sycamore maple, bitternut hickory, Ailanthus, black locust, sweet birch, tulip poplar, hawthorn, Viburnum, dogwood, witch hazel, spicebush, sumac, crabapple, unknown, rose, poison ivy, wild grape, garlic mustard, jewelweed, Japanese honeysuckle, Rubus, goldenrod, white snakeroot, day lily.

Unit: 588
Acreage: 0.10
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Privet	<5m	Exotics	Foot traffic	
Deciduous	Ailanthus	<5m		Auto Access	
Phanerophytes	Golden raintree	>5m			
Level	Dogwood	>5m			
Well drained	Cool season grass	<5m			
	poison ivy	<5m			

Comments:

Trail entrance; privet growing over asphalt path. Pedestrians use alternate dirt path which has worn away over the years. Ground vegetation includes Virginia creeper, goldenrod, Japanese honeysuckle, rose, garlic mustard, Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 589
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Willow	<5m	Excavation		
Deciduous	Rose	<5m			
Phanerophytes	Phragmites	<5m			
Level	Elderberry	<5m			
Wet	Crab apple	<5m			
	Green ash	<5m			

Comments:

Wet scrubland on excavated site next to golf driving range. Other species: pin oak, jewelweed, goldenrod.

Unit: 590
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Milkweed	<5m	Excavation		
	Purple loosestrife	<5m			
Hemicryptophytes	Switchgrass	<5m			
Level	Sedges	<5m			
Wet	Rush	<5m			
	Blueberry	<5m			

Comments:

Wet meadow on excavated site next to golf driving range. Good species diversity. Rose present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 591
Acreage: 0.51
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Hawthorn	<5m	Excavation		
Deciduous	Green ash	<5m			
Phanerophytes	Pin oak	<5m			
Level	Rose	<5m			
Wet	Goldenrod	<5m			
	Dogbane	<5m			

Comments:

Wet woodland with small trees on excavated site next to golf driving range. Other species: purple loosestrife, Rubus, milkweed, swamp white oak, American elm.

Unit: 592
Acreage: 0.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Hawthorn	<5m	Excavation		
Deciduous	Switchgrass	<5m			
Phanerophytes	Dogwood	<5m			
Level	Pin oak	<5m			
Wet	Rose	<5m			
	Sesame grass	<5m			

Comments:

Wet scrubland with grasses.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 593
Acreage: 0.33
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Excavation		Trash
Deciduous	Hawthorn	<5m			
Phanerophytes	Green ash	<5m			
Undulating	Mulberry	<5m			
Well drained	Poison ivy	<5m & >5m			
	Rose	<5m			

Comments:

Small locust stand surrounded by a shrubland and golf course lawn. Other tree species regenerating as listed above. Understory is not very dense with herbaceous species. Those present include aster and goldenrod. The driving range fence passes through unit. Drainage ditch parallels the fence. Also: red oak, Rubus, white snakeroot.

Unit: 594
Acreage: 0.73
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m	Fence	Sports Foot traffic	Trash Compaction
Hemicryptophytes					
Level					
Well drained					

Comments:

Miniature golf course.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 595
Acreage: 4.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert				Auto Access Foot traffic	Compaction Trash
Level					
Excess drained					

Comments:
 Parking lot for golf driving range.

Unit: 596
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m			
	Sedges	<5m			
Geophytes	Marsh elder	<5m			
Level	Seaside goldenrod	<5m			
Wet	Phragmites	<5m			
	Groundsel tree	<5m			

Comments:
 Small area between forest, high marsh and Phragmites. Also asparagus plant and marsh mallow.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 597
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Wild grape	<5m			Trash
Deciduous	Rubus	<5m			
Phanerophytes	Elderberry	<5m			
Level	Jewelweed	<5m			
Moist	Phragmites	<5m			

Comments:

Small scrub area at high end of Phragmites next to wooded area. A few young Ailanthus saplings present.

Unit: 598
Acreage: 0.33
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m		Foot traffic	Dumping
Deciduous	Mockernut hickory	<5m & >5m			Trash
Phanerophytes	White oak	<5m & >5m			
Knoll	Black cherry	<5m & >5m			
Well drained	Black birch	<5m & >5m			
	False Solomon's seal	<5m			

Comments:

A small parcel of land located between the access ramp and the Hutchinson River parkway. Foot-trail which eventually turns into sidewalk along the Hutch cuts right through unit. Heavy dumping of abandoned cars. Other vegetation includes: bittersweet, sumac, poison ivy, Virginia creeper, aster, starry campion.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 599
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m			Trash
Deciduous	Mulberry	>5m			
Phanerophytes	Pin oak	>5m			
Level	Viburnum	<5m			
Well drained	Bittersweet	<5m			
	Honeysuckle	<5m			

Comments:

Surrounds previous unit (598) which sits on a knoll. This ring of highly disturbed woods is characterized by abundance of Ailanthus. Other vegetation includes: red oak, Virginia creeper, goldenrod, milkweed, mullein, mugwort, rough avens, garlic mustard, silver dollar, Virginia knotweed.

Unit: 600
Acreage: 0.37
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Swamp white oak	>5m			
Deciduous	Wild grape	<5m & >5m			
Lianas	Black locust	>5m			
Knoll	Sumac	<5m			
Moist	Elderberry	<5m			
	Rubus	<5m			

Comments:

Small knoll between Phragmites and black locust forest. Dense with grape. Other species: buckthorn, jewelweed, rose, Viburnum, bittersweet.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 601
Acreage: 0.70
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m	Stonewall	Sports	Compaction
	Swamp white oak	>5m			Trash
Geophytes	Mugwort	<5m			
Level	Cool season grass	<5m			
Moist	Catbrier	<5m			
	Jewelweed	<5m			

Comments:

Phragmites extending into a wooded area. Bridle trail bisects unit trial edge spp. along path. Oaks widely spaced, mature. Other species: poison ivy, elm regeneration, Viburnum, rose. Standing water "pond".

Unit: 602
Acreage: 0.51
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Swamp white oak	>5m		Sports	
Deciduous	Pin oak	>5m			
Phanerophytes	Red maple	>5m			
Level	Viburnum	<5m			
Wet	Black cherry	>5m			
	Black locust	>5m			

Comments:

Swampy area with wet site species. Other: white ash, Rubus, jewelweed, wild grape, fern.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 603
Acreage: 0.81
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m		Sports	Fire
Deciduous	Black locust	>5m			
Phanerophytes	Black cherry	<5m & >5m			
Level	Viburnum	<5m			
Moist	Buckthorn	<5m			

Comments:

Dense stand of 3 major species with dense understory of Viburnum, and tree regeneration. Other species: false Solomon's seal, Virginia creeper, elderberry, honeysuckle. Species composition indicates past disturbance.

Unit: 604
Acreage: 1.00
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	>5m	Stone wall	Sports	Fire
Deciduous	Red oak	>5m			Erosion
Hemicryptophytes	White oak	>5m			
Level	Black oak	>5m			
Moist	Sassafras	>5m			
	Black cherry	>5m			

Comments:

Residual oak/hickory stand with very little regeneration. Understory dominated by aster and white snakeroot. Other species include: black locust, honeysuckle, jewelweed, Rubus, goldenrod, elderberry, garlic mustard, Virginia knotweed. Deep ditch is eroding in some places. Black tupelo along ditch.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 605
Acreage: 0.55
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Swamp white oak	>5m	Stone wall		Fire
Deciduous	White ash	>5m			
Therophytes	Bitternut hickory	>5m			
Level	Black tupelo	>5m			
Moist	Sweetgum	>5m			
	Pin oak	>5m			

Comments:

Area diverse in species. Other than above: American elm, black cherry, black locust, quaking aspen, Sassafras. Also, Viburnum, elderberry, spicebush. Understory is uniformly jewelweed with some poison ivy, goldenrod, Rubus, Phragmites, mugwort. Unit borders golf course fence. A recent drainage ditch originates from golf course. Small opening with a number of snags on north end.

Unit: 606
Acreage: 0.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Elderberry	<5m		Sports	Tree death
Deciduous	Buckthorn	<5m			
Phanerophytes	Green ash	<5m & >5m			
Level	Rubus	<5m			
Wet	Black cherry	<5m & >5m			
	Viburnum	<5m			

Comments:

Small area with a number of snags. Tree regeneration of green ash and black cherry present. Area very dense with above species. Other species: jewelweed, mugwort, goldenrod, pin oak, grasses along edge of bridle path. Also catbrier, honeysuckle, and sedge.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 607
Acreage: 0.93
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m		Sports	
Deciduous	Sassafras	<5m & >5m			
Phanerophytes	Black locust	<5m & >5m			
Knoll	Hickory	>5m			
Well drained	Rubus	<5m			
	Viburnum	<5m			

Comments:

Mid-size black cherry/locust/Sassafras stand with some regeneration, mostly Sassafras. Other species include: sweetgum, false Solomon's seal, Virginia creeper, Virginia knotweed, elderberry, nightshade, cool season grasses, jewelweed, aster, white snakeroot.

Unit: 608
Acreage: 2.01
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Drain. Hole	Fireplace	Fire
Deciduous	White oak	<5m & >5m		Foot traffic	Trash
Phanerophytes	Pin oak	>5m			Vandalism
Knoll	Black oak	<5m & >5m			
Well drained	Hickory	<5m & >5m			
	Black cherry	<5m & >5m			

Comments:

Tree island in high marsh. Dominated by oaks. Recent fire has cleared understory of most small trees. Sprouting is occurring. Ground cover is sparse and includes cool season grasses, ferns, sarsaparilla, aster, goldenrod and other perennial herbs. Other tree species: black locust, grey birch, Sassafras and barberry. Quaking aspen along island edge.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 609
Acreage: 0.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sumac	<5m			
Deciduous	Groundsel tree	<5m			
Phanerophytes	Sesame grass	<5m			
Level	Pin oak	<5m			
Moist					

Comments:

Area somewhat elevated between marsh elder and woodland.

Unit: 610
Acreage: 1.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Swamp whiten oak	>5m	Stonewall	Sports	Fire
Deciduous	Sweetgum	<5m & >5m			
Phanerophytes	Black tupelo	<5m & >5m			
Level	White oak	>5m			
Moist	Hickory	<5m & >5m			
	Red oak	<5m & >5m			

Comments:

Wet species unit bordering Phragmites. Understory dense with tree regeneration and herb species. Other species: black cherry, red maple, grey birch, Sassafras, sweet birch, black locust, Viburnum, buckthorn, fern, sensitive fern, jewelweed, Rubus, wild grape, catbrier, and Virginia knotweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 611
Acreage: 2.87
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>5m	Stonewall	bridle path	Fire
Deciduous	Black oak	>5m			Dumping
Phanerophytes	Red oak	<5m & >5m			Trash
Level	Mockernut hickory	<5m & >5m			
Well drained	Sassafras	<5m & >5m			
	Sweet cherry	>5m			

Comments:

Residual oak/hickory stand with Sassafras/hickory, black cherry; some regeneration under openings in canopy; small stand of Sassafras/sweet cherry near fence bordering golf course. Other species include: black cherry, pin oak, black locust, Rubus, jewelweed, Viburnum, buckthorn, false Solomon's seal, moonseed, and white snakeroot.

Unit: 612
Acreage: 0.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sassafras	<5m		Sports	Compaction
Deciduous	Black cherry	<5m			
Phanerophytes	Hickory	<5m			
Undulating	Elderberry	<5m			
Moist	Rubus	<5m			
	Jewelweed	<5m			

Comments:

Small area with ash snags; now with a few saplings and a plethora of Rubus and jewelweed. Other species: grasses, aster, goldenrod, sorrel.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 613
Acreage: 1.01
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Green ash	>5m	Bridge	Sports	Compaction
Deciduous	Black locust	>5m			
Phanerophytes	Mulberry	<5m			
Level	Elderberry	<5m			
Wet	Black walnut	>5m			
	Black cherry	<5m			

Comments:

Woodland sparse in trees, dense in understory. Unit crosses creek and is bisected by bridle path. Other species: red oak, hickory, pin oak (in overstory); also jewelweed, poison ivy, Phragmites, cool season grasses, goldenrod, smartweed, Viburnum, Rubus, rose, Queen Anne's lace, mugwort, self-heal, common tansy, wild grape.

Unit: 614
Acreage: 0.68
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m			
Deciduous	Phragmites	<5m			
Chamaephytes	Marsh elder	<5m			
Level	Spikegrass	<5m			
Wet	Blackgrass	<5m			

Comments:

Somewhat atypical salt marsh zonation; most similar to upper salt marsh border community. Also present: abundant Rubus and a patch of marsh mallow.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 615
Acreage: 2.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	<5m & >5m		Foot traffic	Fire
Deciduous	Red oak	<5m & >5m			
Phanerophytes	Black oak	<5m & >5m			
Knoll	Sassafras	<5m & >5m			
Moist	Black cherry	<5m			
	Hickory	<5m & >5m			

Comments:

Diverse unit located on a rocky knoll within a high marsh. Recently burned ground cover is thin/sparse in areas. Other species: holly, black tupelo, sweet birch, blueberry, bayberry, Viburnum, spotted wintergreen, big tooth aspen, Indian pipe, and Rubus.

Unit: 616
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert				Auto Access	
Level					
Excess drained					

Comments:

Parking lot of Bartow-Pell mansion.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 617
Acreage: 0.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Horse chestnut	>5m	Full crown	Foot traffic	
Decid.w/evergreen	Norway spruce	>5m	Exotics		
Hemicryptophytes	Dogwood	>5m			
Level	Mulberry	>5m			
Well drained	Crab apple	>5m			
	Sugar maple	>5m			

Comments:

Planted trees with mowed lawn beneath surrounding west and south sides of Bartow-Pell mansion (unit 618). Other trees include black cherry.

Unit: 618
Acreage: 1.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ornamental plants		Hedgerow	Foot traffic	
Decid.w/evergreen			Fullcrown		
Geophytes			Exotics		
Slope					
Well drained					

Comments:

Area including and immediately surrounding Bartow-Pell mansion. Formal garden and fountain, walkways, exotic trees, shrubs, and flowers, and mowed lawn characterize this unit.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 619
Acreage: 0.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Virginia creeper	<5m			
	Cool season grass	<5m			
Lianas	Pin oak	<5m			
Level	Buckthorn	<5m			
Well drained	Rose	<5m			
	Wild grape	<5m			

Comments:

Small area once part of regular mowing cycle that has become overgrown.

Unit: 620
Acreage: 4.76
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Black cherry	<5m & >5m			
Deciduous	Buckthorn	<5m			
Phanerophytes	Green ash	>5m			
Level	Crab apple	<5m			
Moist	Pin oak	<5m & >5m			
	Rubus	<5m			

Comments:

Scrubland with some trees that was formerly a meadow. Other species: hawthorn, sweetgum, red maple, Virginia creeper, Viburnum, goldenrod, cool season grass, Indian hemp, aster, and pokeweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 621
Acreage: 0.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
Geophytes	Purple loosestrife	<5m			
Level	Wild grape	<5m			
Wet					

Comments:
 Phragmites on edge of scrubland.

Unit: 622
Acreage: 0.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		Sports	Trash
Deciduous	Mulberry	>5m		Foot traffic	
Phanerophytes	Black cherry	<5m & >5m			
Slope	Norway maple	>5m			
Well drained	Black oak	<5m			
	White oak	<5m & >5m			

Comments:
 An intermixed, established, and regenerating forest near entrance to Bartow-Pell estate. Other species: apple, buckthorn, rose, Virginia creeper, and jewelweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 623
Acreage: 0.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	American elm	>5m	Fence	Sports	Trash
Deciduous	Jewelweed	<5m	Planted elm	Foot traffic	
Therophytes	Mugwort	<5m			
Level	Goldenrod	<5m			
Moist	Buckthorn	<5m			
	Wild grape	<5m			

Comments:

Historical site where Pell acquired the land from the Indians. American elm, replaced some years ago, marked by circular iron fence.

Unit: 624
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	<5m & >5m			
Deciduous	Buckthorn	<5m			
Phanerophytes	Crab apple	<5m			
Level	Black tupelo	<5m & >5m			
Wet	Viburnum	<5m			
	American elm	>5m			

Comments:

Short, thick forest in wet area; soil is clay-like. Understory is sparse, with only Virginia creeper. Large snag in western edge.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 625
Acreage: 0.23
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Crab apple	<5m	Exotics	Sports	Trash
Deciduous	Buckthorn	<5m		Foot traffic	
Phanerophytes	American elm	<5m & >5m			
Level	Apple	<5m & >5m			
Wet	Black cherry	<5m & >5m			
	White ash	>5m			

Comments:

Very dense stand of small trees with bridle path running through it. Understory is very sparse on the north side of trail; the south side borders a shrubland and the understory is dense with herbaceous species. Other vegetation include: quaking aspen, pin oak, Ailanthus, poison ivy, goldenrod, aster, Indian hemp, wild grape, jewelweed, Virginia creeper, and cool season grasses.

Unit: 626
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	<5m & >5m			
Deciduous	American elm	>5m			
Lianas	Sumac sp.	>5m			
Slope	Japanese honeysuckle	<5m & >5m			
Well drained	Poison ivy	<5m & >5m			
	Jewelweed	<5m			

Comments:

Disturbed area near road. Other species include Virginia creeper, mugwort, and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 627
Acreage: 0.61
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		Sports	Trash
Deciduous	Pin oak	<5m & >5m		Foot traffic	
Phanerophytes	Black cherry	<5m & >5m			
Slope	Buckthorn	<5m			
Well drained	Crab apple	<5m			
	Poison ivy	<5m			

Comments:

Middle-aged stand of black locust and black cherry. Other species: willow, American elm, Virginia creeper, rose, goldenrod, and cool season grasses.

Unit: 628
Acreage: 0.95
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Auto Access	Trash
	Dandelion	<5m		Sports	
Hemicryptophytes	Black locust	<5m			
Level	Curly dock	<5m			
Well drained	Plantain	<5m			
	Red maple	>5m			

Comments:

Grassy area alongside shore road across from golf clubhouse. Half of area where bridle path is has been mowed recently; the other half, closest to the road, has been mowed within 1-5 years.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 629
Acreage: 1.44
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m		Sports	Fire
Deciduous	Mulberry	>5m		Foot traffic	Dumping
Phanerophytes	Black locust	>5m			Trash
Undulating	American elm	<5m & >5m			
Well drained	Black cherry	<5m & >5m			
	Field maple	<5m & >5m			

Comments:

Very diverse unit near road. Other species: white poplar, silver maple, apple, basswood, crab apple, pin oak, hickory, Sassafras, privet, rose, Virginia creeper, Japanese honeysuckle, Rubus, poison ivy, and goldenrod. Wild grape and bittersweet near road.

Unit: 630
Acreage: 0.58
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	<5m & >5m		Fireplace	Fire
Deciduous	Post oak	<5m & >5m		Foot traffic	Trash
Phanerophytes	Black cherry	<5m & >5m			
Knoll	Black locust	<5m & >5m			
Well drained	Hickory	<5m & >5m			
	Black tupelo	<5m & >5m			

Comments:

Knoll within high marsh with very dense vegetation. Large rock out outcrop located in center of unit. Other species: honeysuckle, rose, poison ivy, Virginia creeper, elderberry, Rubus, mosses, silver maple, and cool season grasses.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 631
Acreage: 0.67
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Foot traffic	Fire
Deciduous	Black cherry	<5m & >5m			
Hemicryptophytes	Goldenrod	<5m			
Level	Garlic mustard	<5m			
Well drained	Virginia knotweed	<5m			
	Black ash	>5m			

Comments:

Pioneer forest following meadow. Understory is open and mostly herbaceous.

Unit: 632
Acreage: 0.51
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Foot traffic	
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Goldenrod	<5m			
Level	Elderberry	<5m			
Moist	Mulberry	>5m			
	Garlic mustard	<5m			

Comments:

Similar to surrounding black locust/black cherry pioneering forest; however, more regeneration of black cherry here in terms of height and density.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 633
Acreage: 0.98
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Foot traffic	
Deciduous	Black cherry	<5m			
Hemicryptophytes	Goldenrod	<5m			
Slope	Garlic mustard	<5m			
Well drained	Elderberry	<5m			
	Jewelweed	<5m			

Comments:

Pioneer forest with herbaceous understory in between the marsh and the Bartow-Pell mansion. Ground vegetation includes Rubus, day lily, aster, and mulberry. Area is easy to walk through.

Unit: 634
Acreage: 0.10
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Mulberry	>5m			
Level	Ailanthus	>5m			
Well drained	Pin oak	<5m			

Comments:

White poplar patch near front lawn of Bartow-Pell mansion. Other species: goldenrod, jewelweed, garlic mustard, poison ivy, Virginia creeper, rhubarb, and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 635
Acreage: 0.90
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	<5m & >5m	Fence	Foot traffic	Trash
Deciduous	Black locust	<5m & >5m	Exotics		
Phanerophytes	Horse chestnut	>5m	Stone wall		
Level	Black cherry	>5m			
Well drained	Red maple	>5m			
	Mimosa	>5m			

Comments:

Near kitchen garden of Bartow-Pell mansion. Other species: mulberry, sweet cherry, green ash, Rubus, rose, garlic mustard, privet, jewelweed, poison ivy, Virginia creeper, Viburnum, Japanese honeysuckle, day lily, and elderberry.

Unit: 636
Acreage: 0.48
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	>5m	Stone wall	Foot traffic	Fire
Deciduous	Ailanthus	<5m & >5m			
Phanerophytes	Black cherry	<5m & >5m			
Slope	Sassafras	>5m			
Moist	Red maple	>5m			
	Pin oak	<5m & >5m			

Comments:

Mixed hardwoods with some canopy openings. Ground vegetation includes: jewelweed, Rubus, poison ivy, goldenrod, Japanese honeysuckle, buckthorn, elderberry, and swamp nightshade.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 637
Acreage: 1.07
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Sassafras	<5m & >5m			
Slope	Hickory	<5m & >5m			
Well drained	Ash	<5m			
	Pin oak	>5m			

Comments:

Regenerated black locust/black cherry stand with a variety of species. Ground vegetation includes: Japanese honeysuckle, Rubus, rose, jewelweed, day lily, poison ivy, and wild grape.

Unit: 638
Acreage: 0.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Jewelweed	<5m			
	Rubus	<5m		Foot traffic	
Therophytes	Sassafras	<5m			
Slope					
Moist					

Comments:

Open area between woodland and Phragmites.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 639
Acreage: 1.58
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway spruce	>5m	Fence	Foot traffic	Trash
Decid.w/evergreen	Ailanthus	>5m	Exotics		
Phanerophytes	American elm	<5m & >5m			
Level	Mulberry	<5m & >5m			
Well drained	Horse chestnut	>5m			
	Paper mulberry	<5m & >5m			

Comments:

Mix of exotic plantings and naturally regenerating species. These include: pin oak, white pine, black locust, willow, honey locust, lilac, cedar, white ash, sweet cherry, scotch pine, rhododendron, yew, Norway maple, persimmon, crab apple, honeysuckle, poison ivy, Virginia creeper, rose, mugwort, garlic mustard, ivy, barberry, privet, and wild grape.

Unit: 640
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season seal	<5m	Fence	Foot traffic	Pesticides
	Mugwort	<5m			
Hemicryptophytes	Fruit trees	<5m			
Level	Vegetables	<5m			
Well drained					

Comments:

Kitchen garden of Bartow-Pell mansion.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 641
Acreage: 0.83
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	<5m & >5m	Burial site	Foot traffic	
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Sassafras	<5m & >5m			
Slope	Black oak	<5m & >5m			
well drained	White oak	>5m			
	Pin oak	>5m			

Comments:

Ground vegetation mostly Japanese honeysuckle. Other trees include white ash and black locust.

Unit: 642
Acreage: 0.85
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Norway spruce	>5m	Road	Auto Access	
Everg.w/decid	White pine	>5m	Exotics	Foot traffic	
Phanerophytes	Red maple	>5m			
Slope	Horse chestnut	>5m			
Well drained	Sweet cherry	>5m			
	American elm	>5m			

Comments:

Large trees near Bartow-Pell mansion; other trees regenerating and shrubs growing wild in the understory. Some areas, where canopy opens, encourage herbaceous growth--homogeneous in jewelweed, wild grape or goldenrod. Other species: white ash, hickory, paper mulberry, black cherry, black locust, honey locust, dogwood, rose, privet, wahoo, Japanese honeysuckle, poison ivy, Virginia creeper, dodder, and other flowering plants.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 643
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	>5m			
Deciduous	Black locust	>5m			
Phanerophytes	Black cherry	>5m			
Level	Sumac	<5m			
	Poison ivy	<5m			
	Green ash	>5m			

Comments:

Three small pockets of trees in a mowed lawn. Other species: paper mulberry, green ash, thistle, rose, goldenrod, and curly dock.

Unit: 644
Acreage: 0.07
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Smooth sumac	<5m			
Deciduous	Black locust	<5m & >5m			
Phanerophytes	Rubus	<5m			
Level	Mulberry	<5m			
Well drained	Goldenrod	<5m			
	Honeysuckle sp.	<5m			

Comments:

Mixed species border around mowed lawn. Other species: buckthorn, paper mulberry, black cherry, mugwort, milkweed, jewelweed, rose, elderberry, and oak.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 645
Acreage: 0.20
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m			
	Mulberry	<5m & >5m			
Hemicryptophytes	Rubus	<5m			
Level	Mugwort	<5m			
Well drained	Jewelweed	<5m			
	Elderberry	<5m			

Comments:

Mixed species border around mowed lawn. Other species: fleabane, curly dock, thistle, black cherry, wild grape, and black locust.

Unit: 646
Acreage: 0.40
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m	Exotics		Trash
Decid.w/evergreen	Swamp white oak	>5m			Dumping
Phanerophytes	Pin oak	>5m			
Slope	Sassafras	<5m & >5m			
Moist	Ash	>5m			
	Black locust	<5m & >5m			

Comments:

Border unit between marsh and mansion. Other species: American elm, black cherry, crab apple, apple, red maple, Rubus, rose, white snakeroot, wild snakeroot, wild grape, catbrier, poison ivy, violets, true Solomon's seal, goldenrod, Virginia creeper, and jewelweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 647
Acreage: 0.61
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	<5m & >5m	Drain ditch	Raccoon den	
Deciduous	Red oak	<5m & >5m			
Phanerophytes	Black cherry	>5m			
Slope	Swamp white oak	>5m			
Wet	Sassafras	>5m			
	Rose	<5m			

Comments:

Red maple and ash are characteristic of this unit. Wet depression with stone-lined drainage ditch present. Northwest end of area is somewhat woodland with herbaceous understory of jewelweed, goldenrod, Rubus, and Joe-pye weed. Other species: poison ivy, Virginia creeper, dogwood, pin oak, garlic mustard, and green ash. Raccoon den noted.

Unit: 648
Acreage: 0.35
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m			
Deciduous	Black birch	>5m			
Phanerophytes	Swamp white oak	>5m			
Slope	Black cherry	<5m & >5m			
Well drained	White ash	<5m			
	Black locust	>5m			

Comments:

Predominantly Sassafras on the rise near the Phragmites. Rock outcrop present; raccoon den in area. Other species: Virginia creeper, poison ivy, rose, garlic mustard, Japanese honeysuckle, Canada lily, and various perennial herbs.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 649
Acreage: 0.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	<5m & >5m	Excavation		
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Dogwood	<5m			
Slope					
Well drained					

Comments:

Hickory slope above drained ditch; rock outcrop present. Other species: Sassafras, black locust, Virginia creeper, Virginia knotweed, rose, and honewort.

Unit: 650
Acreage: 0.24
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Eastern cottonwood	<5m & >5m	Road	Foot traffic	Dumping
Deciduous	Black locust	>5m	Exotics	Wood gather	
Geophytes	Bayberry	<5m			
Level	Willow	<5m & >5m			
Excess drained	Phragmites	<5m			
	Switchgrass	<5m			

Comments:

Place of convergence for several dirt roads that run through the Phragmites; gives the appearance of a traffic circle. Some young trees and shrubs growing in center of circle and along sides of roads. Other species: mugwort, cool season grasses, lichens and goldenrod. Area very dry and sandy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 651
Acreage: 2.97
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Annual grass	<5m		Foot traffic	Trash
	Sand spurrey	<5m		Auto Access	Dumping
Hemicryptophytes	Spikegrass	<5m			
Level	Spike rush	<5m			
Surface water					

Comments:

Area once a high marsh but now annual grasses and sedge on rhizome mats; probably brackish. Occasional foot traffic; vehicles have been driven here.

Unit: 652
Acreage: 1.19
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	>5m	Paint poles	Foot traffic	
Deciduous	Black cherry	>5m	Exotics		
Phanerophytes	Ailanthus	>5m			
Knoll	sumac	<5m			
Well drained	Post oak	>5m			
	Sassafras	<5m			

Comments:

Rock outcrop near salt marsh; original vegetation removed, pioneer trees establishing themselves. Other species: Rubus, goldenrod, green ash, groundsel tree, honey locust, and elm.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 653
Acreage: 2.74
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m		Foot traffic	
Deciduous	Phragmites	>5m		bridle path	
Chamaephytes	Black locust	<5m & >5m			
Level	Ailanthus	<5m & >5m			
Well drained	Pin oak	>5m			
	Mulberry	<5m & >5m			

Comments:

Narrow path built up on rocks, concrete, and bricks which creates this small stretch of land. Other species: smooth sumac, grey birch, apple, marsh mallow, bayberry, Rubus, groundsel tree, ash, switchgrass, Queen Anne's lace, curly dock, Virginia creeper, and wild grape.

Unit: 654
Acreage: 0.37
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Mulberry	>5m	Exotics	Foot traffic	
Deciduous	Apple	>5m	Fence		
Lianas	Lilac	>5m	Gate		
Knoll	Black locust	<5m & >5m			
Well drained	Privet	<5m & >5m			
	Black swallowwort	<5m			

Comments:

Former site of garden or possible scenic vista. Several built-up garden beds with rocks and cement boundaries; pathways present too. Many exotic species such as those mentioned above and day lily, periwinkle, rose-of-Sharon, portulaca, and field maple. Black swallowwort is taking over.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 655
Acreage: 1.50
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Foot traffic	
Hemicryptophytes	Plantain,	<5m			
Level	Dandelion	<5m			
Well drained					

Comments:
 Lawn east and west of Bartow-Pell mansion.

Unit: 656
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Poison ivy	<5m			Trash
Deciduous	Black cherry	<5m			
Lianas	Smooth sumac	<5m			
Knoll	Rose	<5m			
Well drained	Cool season grass	<5m			

Comments:
 Small rock outcrop in the salt marsh surrounded by marsh elder. Small cherry tree present; poison ivy dominates vegetation.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 657
Acreage: 1.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m		Foot traffic	
Deciduous	White oak	<5m & >5m		Sports	
Phanerophytes	Post oak	<5m & >5m			
Knoll	Hickory	<5m & >5m			
Well drained	Sassafras	<5m & >5m			
	Black cherry	<5m & >5m			

Comments:

Wooded knoll within high marsh. Center is clear, i.e., ground cover is only cool season grasses. Perimeter is a wide band of dense vegetation with a lot of tree regeneration. Other species: cottonwood, grey birch, apple, sumac, buckthorn, black locust, goldenrod, and Rubus.

Unit: 658
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m			
Deciduous	Pin oak	<5m & >5m			
Phanerophytes	Grey birch	<5m & >5m			
Knoll	Red oak	<5m & >5m			
Well drained	Rubus	<5m			

Comments:

Small knoll at edge of closed forest jutting into the high marsh. Other species include switchgrass, Phragmites, and fleabane.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 659
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m		Foot traffic	
Deciduous	Black cherry	<5m			
Chamaephytes	Silver maple	<5m			
Knoll	Buckthorn	<5m			
Well drained	Marsh elder	<5m			
	Poison ivy	<5m			

Comments:

Knoll within high marsh. Other species include bayberry and goldenrod.

Unit: 660
Acreage: 3.48
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ash spp.	>5m	Excavation	bridle path	Trash
Deciduous	Hickory spp.	<5m & >5m		Archery	Fire
Chamaephytes	Pin oak	>5m			
Level	Swamp white oak	>5m			
Moist	Black cherry	>5m			
	Black locust	<5m & >5m			

Comments:

Vast area along drainage ditch and excavated site; well-spaced mature trees present, saplings and brush below. Other species: red oak, red maple, American elm, chestnut oak, Norway maple, sweetgum, horse chestnut, mulberry, black walnut, catalpa, rose, Viburnum, Virginia creeper, jewelweed, poison ivy, goldenrod, aster, Rubus, Virginia knotweed, Japanese honeysuckle, elderberry, garlic mustard, and moonseed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 661
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m	Foundation	Foot traffic	Flotsam
Deciduous	Phragmites	<5m			
Chamaephytes	Japanese knotweed	<5m			
Level					
Well drained					

Comments:

Disturbed area with remnants of salt marsh evident in small patches--i.e., spikegrass, salt meadow cordgrass--at border of marsh elder. Remnants of bridge connecting this area with Hunter Island also evident. Heavy usage area.

Unit: 662
Acreage: 0.49
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Seaside lavender	<5m		Foot traffic	Dumping
	Glasswort	<5m			Flotsam
Geophytes	Salt mdw cordgrass	<5m			
Level					
Moist					

Comments:

High marsh bordered by very disturbed area. Ailanthus, mugwort, and dodder on upland border. Some traces of marsh elder, seaside goldenrod, and spikegrass. Rocky strip between marsh and disturbed upland border. Borderline terrestrial herbaceous and desert.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 663
Acreage: 1.34
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Mugwort	<5m	Guard rails	Foot traffic	Dumping
Deciduous	Ailanthus	<5m & >5m		bridle path	Erosion
Phanerophytes	Norway maple	<5m & >5m			
Level	Black walnut	>5m			
Well drained	American chestnut	<5m			
	Queen Anne's lace	<5m			

Comments:

Greatly disturbed area characterized by mugwort and larger sized trees which are intermixed among the vegetation. Heavy dumping area. Other species: black cherry, hackberry, crab apple, sycamore, privet, Virginia creeper, poison ivy, wild grape, bittersweet, sumac, Rubus, ragweed, milkweed, and saplings of green ash, black locust, and elm.

Unit: 664
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Apple	>5m		Foot traffic	Trash
Deciduous	Elm	<5m			
Lianas	Willow	>5m			
Level	Wild grape	>5m			
Well drained	Poison ivy	<5m			
	Privet	<5m			

Comments:

Woodland area characterized by lianas, poison ivy heavy in places. Rock outcrop present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 665
Acreage: 0.44
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Goosefoot	<5m		Foot traffic	Trash
	Cool season grass	<5m			Dumping
	Goldenrod	<5m			
Level	Wormwood	<5m			
Excess drained					

Comments:
 Beach with sparse, scattered vegetation.

Unit: 666
Acreage: 0.85
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m		Foot traffic	Dumping
Deciduous	Black cherry	<5m & >5m		Sports	Trash
Phanerophytes	Norway maple	<5m & >5m			Erosion
Level					
Well drained					

Comments:
 Closed forest with sparse ground cover. Very wide bridle path running through unit. Other species: goldenrod, wild grape, Viburnum, honeysuckle, cool season grasses, apple, hickory, sweetgum, Rubus, poison ivy, and white snakeroot.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 667
Acreage: 0.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Mugwort	<5m	bridle path	Foot traffic	Dumping
Phanerophytes	Ailanthus	<5m			
Level					
Well drained					

Comments:

Clearing predominantly mugwort; Ailanthus saplings interspersed. Rock outcrop present.

Unit: 668
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m	Exotics	Foot traffic	Dumping
Deciduous	Mulberry	<5m	Inlaid stone		Trash
Chamaephytes	Hackberry	<5m			
Slope	Privet	<5m			
Wet	Phragmites	<5m			
	Periwinkle	<5m			

Comments:

Small area around brook with some exotic plants. Area appears to have been built and maintained in the past. Other species: Ailanthus (both alive and dead), bitternut hickory, honeysuckle, Virginia creeper, goldenrod, black swallowwort, white snakeroot, and violets.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 669
Acreage: 0.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	<5m & >5m		Foot traffic	Dumping
Deciduous	Mugwort	<5m			Erosion
Phanerophytes	Wild grape	<5m			Trash
Level					
Well drained					

Comments:

Small clearing between two forested units; it is located within a highly disturbed area. Appears to be revegetating rapidly. Other perennial herbaceous species present.

Unit: 670
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert				Foot traffic bridle path	Dumping
Level					
Well drained					

Comments:

Gravelly area adjacent to Shore Road.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 671
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White pine	>5m		Foot traffic	
Everg.w/decid	Cool season grass	<5m		bridle path	
Hemicryptophytes					
Level					
Well drained					

Comments:

Small unit of white pine; northern end has denser ground cover than the southern end, which is almost bare. Northern ground cover consists of hickory, basswood, black oak, periwinkle, poison ivy, and sycamore maple regeneration. Other species: goldenrod, Queen Anne's lace, thistle, mugwort, sycamore maple, horse chestnut, and black cherry.

Unit: 672
Acreage: 1.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	>5m		Auto Access	Dumping
Deciduous	Red oak	>5m		Foot traffic	Trash
Lianas	Wild grape	<5m			
Level	Jewelweed	<5m			
Well drained	Goldenrod	<5m			
	Mugwort	<5m			

Comments:

Abundant wild grape in area maintains open space in trees; unit between Shore Road and lagoon. Other species: copper beech, black locust, mugwort, purple loosestrife, Queen Anne's lace, pine oak, white ash, sumac and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 673
Acreage: 0.77
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	<5m & >5m		bridle path	Trash
Deciduous	Black oak	<5m & >5m		Foot traffic	
Lianas	Sycamore maple	<5m & >5m		Auto Access	
Level	American elm	>5m			
Well drained	Poison ivy	<5m			
	Gingko	>5m			

Comments:

Closed forest with many species and vines between Shore Road and lagoon. Other species: copper beech, white ash, black cherry, bitternut hickory, apple, sweetgum, crab apple, pin oak, Rubus, wild grape, goldenrod, Virginia creeper, and a snag.

Unit: 674
Acreage: 2.85
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White poplar	<5m & >5m		Foot traffic	
Decid.w/evergreen	Black cherry	<5m & >5m			
Phanerophytes					
Level					
Well drained					

Comments:

Large, old stand of white poplar. Poplar is dying out; many trees are down and black cherry is possibly taking over. There are a great deal of lianas, such as honeysuckle, poison ivy, Virginia creeper, bittersweet, and black swallowwort.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 675
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	>5m	Exotics	Foot traffic	
Deciduous	Periwinkle	<5m			
Geophytes					
Level					
Moist					

Comments:

Two very large red maples located at the base of a slope/rock outcrop. Other species: periwinkle, garlic mustard, honeysuckle, and black swallowwort.

Unit: 676
Acreage: 0.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	American sycamore	>5m		Foot traffic	Vandalism
Deciduous	Black locust	<5m & >5m		Sports	Compaction
Lianas	Ailanthus	<5m & >5m		Auto Access	
Level	Bitternut hickory	<5m			
Well drained	Wild grape	<5m			

Comments:

Variety of trees includes ash, mulberry, white poplar, and oak; abundance of wild grape in between. Other species: bittersweet, black swallowwort, mugwort, jewelweed, great ragweed, goldenrod, cool season grasses, white snakeroot, and wild parsnip.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 677
Acreage: 0.09
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m	Exotics	Foot traffic	
Deciduous	Black walnut	>5m			
Chamaephytes	Smooth sumac	<5m			
Level					
Well drained					

Comments:

Rock outcrop with several exotic species; possibly the site of a former overlook. Other species: rose, Rubus, black swallowwort, day lily, cool season grasses, wandering Jew, Virginia knotweed, white snakeroot, and an unknown shrub.

Unit: 678
Acreage: 4.65
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black walnut	>5m	Road	Foot traffic	
Deciduous	Black locust	<5m & >5m		Sports	
Chamaephytes	Rubus	<5m			
Undulating					
Well drained					

Comments:

Mixed stand of black locust and walnut; other trees occasional. Ground cover is very dense. Some rock outcrops. Other species: garlic mustard, Virginia knotweed, goldenrod, bittersweet, jewelweed, black cherry, sweet cherry, elderberry, bitternut, shagbark hickory, ash, pin oak, American hornbeam, rose, Viburnum, avens, Joe-pye weed, and Japanese honeysuckle.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 679
Acreage: 0.54
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black walnut	>5m	Exotics		
Decid.w/evergreen	Black cherry	<5m & >5m			
Lianas	Sycamore	>5m			
Level	Spruce	>5m			
Well drained	Pine	>5m			
	Black locust	<5m & >5m			

Comments:

Mixed unit along road. Other species include catalpa, mulberry, ash, red maple, and apple.

Unit: 680
Acreage: 2.51
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Mugwort	<5m		Foot traffic Auto Access	Dumping Embankment
	Wild parsnip	<5m			
Hemicryptophytes	Goldenrod	<5m			
Level	Thistle	<5m			
Well drained	Black oak	>5m			
	Austrian pine	>5m			

Comments:

Large meadow cut by several dirt paths. Area is disturbed; heavy dumping site. Herbaceous vegetation consists mainly of mugwort; meadow is bordered by Ailanthus on southeastern corner. Evidence of embankments and trails created for dirt biking. Two Austrian pines and a black oak interspersed in meadow.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 681
Acreage: 1.13
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Rubus	<5m			
Deciduous	Rose	<5m			
Phanerophytes	Pin oak	<5m & >5m			
Undulating	Willow	<5m & >5m			
Moist	Eastern cottonwood	>5m			
	Sweetgum	<5m & >5m			

Comments:

Wet area adjacent to meadow; may have been maintained in the past. Numerous trees and saplings characteristic of wet areas, such as, red maple, sweetgum, cottonwood, pin oak, and willow; these are interspersed amongst thorny shrubs - Rubus, rose - form dense thickets. Other species: Phragmites, Joe-pye weed, great lobelia, and horse nettle.

Unit: 682
Acreage: 0.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweet cherry	>5m	Exotics	Foot traffic	Dumping
Decid.w/evergreen	Hickory	<5m & >5m			Trash
Geophytes	Black locust	<5m & >5m			
Undulating	Northern white cedar	>5m			
Well drained	Mulberry	>5m			
	Catalpa	>5m			

Comments:

Unit noted for abundance of sweet cherry; also for catalpa and planted white cedar. Other trees include: green ash, black cherry, pin oak, and buckthorn. Understory is dense in places, sparse elsewhere. Other species: goldenrod, white snakeroot, poison ivy, violet, avens, deadly nightshade, Virginia knotweed, Virginia creeper, rose, moonseed, garlic mustard, and Japanese honeysuckle.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 683
Acreage: 3.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m		bridle path	Trash
Deciduous	Black locust	>5m		Foot traffic	
Phanerophytes	Pin oak	>5m			
Undulating	Crab apple	>5m			
Well drained	Poison ivy	<5m			
	Bitternut hickory	<5m & >5m			

Comments:

Unit near carriage house of Bartow-Pell estate; mostly black cherry with various herbs in the understory. Other species: wahoo, rose, Virginia creeper, goldenrod, Virginia knotweed, Rubus, Japanese honeysuckle, garlic mustard, and day lily. Also, a few white ash, Sassafras, black walnut, sweet cherry, and swamp white oak.

Unit: 684
Acreage: 0.23
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m			
Deciduous	Jewelweed	<5m			
Chamaephytes	Virginia creeper	<5m			
Level	Sumac	<5m			
Well drained	Black locust	<5m & >5m			
	Mugwort	<5m			

Comments:

Open areas surrounded by woodlands and forest.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 685
Acreage: 1.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m		bridle path	Trash
Deciduous	Black locust	>5m			
Lianas	White ash	<5m & >5m			
Undulating	Vines	<5m & >5m			
Well drained					

Comments:

Unit between shore road and carriage house on Bartow-Pell estate. Ground vegetation includes jewelweed, Japanese honey suckle, mugwort, and cool season grasses.

Unit: 686
Acreage: 1.55
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	<5m & >5m	Full crown	bridle path	Dumping
Deciduous	Pin oak	<5m & >5m			Trash
Phanerophytes	Black cherry	<5m & >5m			
Level	Black locust	>5m			
Well drained	American elm	>5m			
	White ash	<5m & >5m			

Comments:

Closed forest with a variety of species, some of which are planted. Burned car left in unit. Other species: crab apple, hickory, red maple, osage orange, Sassafras, Viburnum, Rubus, Japanese honeysuckle, false Solomon's seal, garlic mustard, Virginia creeper, rose, poison ivy, and bittersweet.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 687
Acreage: 0.19
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Green ash	<5m & >5m	Excavation		Dumping
Deciduous	Hickory	>5m			Trash
Phanerophytes	Swamp white oak	>5m			
Undulating	Black locust	<5m & >5m			
Moist	Black cherry	<5m			
	Crab apple	>5m			

Comments:

Moist area bordering vegetable garden. Other trees include red maple and honey locust. Dense overstory and regeneration; ground cover is thick with jewelweed. Other vegetation includes: privet, rose, goldenrod, Viburnum, garlic mustard, and poison ivy.

Unit: 688
Acreage: 0.77
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Vegetables	<5m	Carg.house	Garden	
	Grass	<5m		Foot traffic	
Therophytes	Jewelweed	<5m		Auto Access	
Slope	Wild grape	<5m			
Well drained	Poison ivy	<5m			
	Mulberry	>5m			

Comments:

Currently maintained garden near carriage house of Bartow-Pell mansion. Water is piped into area above ground. Mowed Phragmites east of carriage house.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 689
Acreage: 1.63
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway spruce	>5m	Road	Auto Access	Vandalism
Everg.w/decid	White pine	>5m	Full crown	Foot traffic	
Phanerophytes	American beech	>5m	Exotics	bridle path	
Level	Norway maple	<5m & >5m			
Well drained	Ailanthus	<5m & >5m			
	Sweet cherry	>5m			

Comments:

Large trees along driveway into Bartow-Pell mansion with a few openings and shrubby vegetation alongside. Sparse vegetation inside forest, especially underneath beech trees. Other species: black cherry, black locust, pin oak, white ash, apple, hackberry, and herbaceous species beneath opening.

Unit: 690
Acreage: 1.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		bridle path	Dumping
Deciduous	Black cherry	<5m & >5m			Fire
Phanerophytes	Norway maple	<5m & >5m			
Undulating	Hickory	<5m & >5m			
Well drained	Crabgrass	>5m			
	Green ash	<5m & >5m			

Comments:

Dense forest with dense understory including poison ivy, periwinkle, jewelweed, Rubus, rose, goldenrod, Viburnum, Virginia creeper, privet, and Virginia knotweed. Some other trees are pin oak and black walnut. Rock outcrops present in spots.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 691
Acreage: 0.79
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m			Dumping
Deciduous	Sugar maple	<5m & >5m			Trash
Phanerophytes	Black cherry	<5m			
Undulating	American elm	>5m			
Well drained	White ash	<5m			
	Black locust	>5m			

Comments:

Stand dominated by hickory with a great amount of hickory and black cherry regeneration in the understory. Bridle trail runs along south edge of unit. Ground cover is also dense with Virginia knotweed, poison ivy, rose, Rubus, aster, cool season grasses, garlic mustard, jewelweed, Virginia creeper, goldenrod, and lianas.

Unit: 692
Acreage: 0.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Swamp white oak	>5m	Snow fence		Fire
Deciduous	Bitternut hickory	<5m & >5m			
Phanerophytes	Green ash	<5m			
Knoll	Black cherry	<5m & >5m			
Well drained	Black locust	>5m			
	Pin oak	<5m & >5m			

Comments:

Woodland along Phragmites. Other trees include grey birch, quaking aspen, and post oak. Amount of jewelweed in understory increases toward the north end of the unit. Understory is dense with goldenrod, Viburnum, poison ivy, Rubus, sumac, Japanese honeysuckle, Phragmites, Virginia creeper, Virginia Knotweed and avens.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 693
Acreage: 0.35
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m			Fire
	Mint	<5m			
Hemicryptophytes	Jewelweed	<5m			
Level	Green ash	<5m			
Moist	Viburnum	<5m			
	Sumac	<5m			

Comments:

Small band between Phragmites and forest. A few large burned snags.

Unit: 694
Acreage: 0.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	<5m & >5m		Foot traffic	
Deciduous	Black cherry	<5m & >5m		Sports	
Phanerophytes	Gray birch	<5m & >5m		Auto Access	
Level	Willow	>5m			
Well drained	Pin oak	<5m			
	Post oak	<5m & >5m			

Comments:

Disturbed area at edge of Phragmites. Other species: black locust, crab apple, hickory, Rubus, rose, wild parsnip, bayberry, Phragmites, wild grape, goldenrod, purple loosestrife, poison ivy, and honeysuckle.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 695
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Wild parsnip	<5m		Foot traffic	
	Goldenrod	<5m		Sports	
Geophytes	Knapweed	<5m		Auto Access	
Level	Curly dock	<5m			
Well drained	Mugwort	<5m			
	Queen Anne's lace	<5m			

Comments:

Similar to unit 653 but with few woody plants. Other vegetation includes cool season grasses and mulberry trees.

Unit: 696
Acreage: 0.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
Geophytes					
Level					
Wet					

Comments:

Phragmites with marsh elder and marsh grasses scattered throughout.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 697
Acreage: 0.34
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			
Chamaephytes	Groundsel tree	<5m			
Level	Poison ivy	<5m			
Wet					

Comments:

Marsh elder with aforementioned species plus Phragmites and marsh grasses. Many rocks in unit.

Unit: 698
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Blackgrass	<5m		Foot traffic	Trash
	Cordgrass salt meadow	<5m			
Geophytes	Spikegrass	<5m			
Level	Goosefoot	<5m			
Wet	Sea lavender	<5m			

Comments:

Typical high marsh except for an unusually high amount of goosefoot.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 699
Acreage: 0.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	>5m		Auto Access	Trash
Deciduous	Bitternut hickory	<5m & >5m		Foot traffic	Dumping
Phanerophytes	Black locust	>5m			
Slope	Pin oak	>5m			
Moist					

Comments:

Forest strip along shore and dirt road. Large mixture of species including: post oak, white ash, crab apple, mulberry, dog wood, American elm, and black willow. Other vegetation: rose, goldenrod, poison ivy, Virginia creeper, garlic mustard, day lily, and white snakeroot.

Unit: 700
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sumac	<5m		Foot traffic	
Deciduous	Phragmites	<5m		Auto Access	
Phanerophytes	Goldenrod	<5m			
Slope	Joe-Pye weed	<5m			
Well drained	Aster	<5m			
	Wild grape	<5m			

Comments:

Opening in forest along dirt road. Patches of smooth sumac and of Phragmites present with other herbaceous species, such as, purple loosestrife, water plantain, green ash, and boneset.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 701
Acreage: 0.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black walnut	>5m		Foot traffic	Dumping
Deciduous	Green ash	>5m		Auto Access	Erosion
Chamaephytes	Rubus	<5m			
Slope	Dogwood	<5m			
Moist	Rose	<5m			
	Pin oak	<5m			

Comments:

Woodland with more open canopy than surrounding forest. Two large walnuts and a few smaller ash trees; dense shrubs and grapes present. Other species include jewelweed, wild grape, wild parsnip, and goldenrod. Eroded, rutted dirt road used by dirt by vehicles, and for dumping.

Unit: 702
Acreage: 0.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Austrian pine	>5m	Exotic		
Everg. w/decid	Pin oak	<5m & >5m	Hedgerow		
Phanerophytes	Hickory	<5m & >5m			
Undulating	Black cherry	<5m			
Moist	Dogwood	<5m			
	Sweetgum	<5m & >5m			

Comments:

Line of planted pines with early dense understory. Deciduous moist site species appear to be taking over. Other species: Viburnum, black locust, rose, dogwood, white ash, Rubus, goldenrod, poison ivy, elderberry, crab apple, osage orange and an unknown shrub.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 703
Acreage: 0.56
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	Rose	<5m			
Chamaephytes	Viburnum.	<5m			
Level	Crab apple	<5m			
Well drained					

Comments:

Dominant black locust stand alongside large young woodland. Some exotic species are present. Other species include: crab apple, Viburnum, American elm, elm species, garlic mustard, goldenrod, and Rubus.

Unit: 704
Acreage: 0.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	American elm	<5m & >5m	Exotic	Fireplace	
Deciduous	Hickory	<5m & >5m			
Chamaephytes	Crab apple	<5m			
Level	Black cherry	<5m & >5m			
Moist	Willow	>5m			
	Dogwood	<5m			

Comments:

Mixed unit adjacent to meadow. Exotic species indicate some former use. Other species: mulberry, black swallowwort, rose, violet, white snakeroot, Virginia creeper, honeysuckle, and an unknown shrub.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 705
Acreage: 0.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Corktree	<5m & >5m	Hedgerow		
Deciduous	Crab apple	<5m			
Phanerophytes	Hickory	<5m			
Slope	Black cherry	<5m			
Moist					

Comments:

Two parallel lines of planted cork tree possibly lined a trail at one time. Ground cover is sparse and consists of regeneration of the above species. Other vegetation includes: jewelweed, rose, goldenrod, cool season grasses, poison ivy, white snakeroot, Viburnum, and honeysuckle.

Unit: 706
Acreage: 0.75
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			Dumping
Deciduous	Black walnut	>5m			
Phanerophytes	Mulberry	<5m & >5m			
Slope	Black cherry	<5m & >5m			
Well drained	Crab apple	<5m			

Comments:

Black locust-walnut stand at edge of large meadow. Black cherry and crab apple along west side. Understory consists of garlic mustard, privet, rose, Virginia knotweed, sumac spp., Rubus, goldenrod, and white snakeroot.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 707
Acreage: 0.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	American elm	<5m & >5m	Exotics		
Deciduous	Ash	<5m & >5m			
Phanerophytes	Field maple	<5m & >5m			
Level	Crab apple	>5m			
Well drained	Ailanthus	<5m			
	Pin oak	<5m			

Comments:

Small, densely vegetated woodland with a great deal of tree regeneration. Other species: black cherry, rose, Rubus, wild parsnip, common milkweed, goldenrod, mugwort, and Queen Anne's lace.

Unit: 708
Acreage: 0.79
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		bridle path	Dumping
Decid.w/evergreen	American elm	<5m & >5m		Auto Access	
Phanerophytes	Pin oak	<5m & >5m			
Slope	Black cherry	<5m & >5m			
Well drained	White ash	<5m & >5m			
	Mulberry	>5m			

Comments:

Dense forest with a lot of tree regeneration and dense ground cover. Unit along bridle path that is also used by vehicles. Other species: crab apple, elm, bitternut hickory, poison ivy, rose, sedge, jewelweed, honeysuckle, goldenrod, Virginia knotweed, deadly nightshade, cool season grasses, and avens.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 709
Acreage: 0.77
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ash, green	<5m & >5m		bridle path	
Deciduous	Black locust	<5m			
Phanerophytes	Black cherry	<5m & >5m			
Level	Jewelweed	<5m			
Wet	Goldenrod	<5m			
	Bulrush	<5m			

Comments:

Woodland with dense understory. Very wet spot near bridle path has standing water that supports bulrush and sedges. Other vegetation includes: Rubus, cool season grasses, smartweed, and Queen Anne's lace.

Unit: 710
Acreage: 2.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		bridle path	Dumping
Decid.w/evergreen	Ailanthus	<5m & >5m		Auto Access	Trash
Phanerophytes	Sycamore maple	<5m & >5m			Fire
Undulating	Mulberry	>5m			
Well drained	Crab apple	>5m			
	Tamarack	>5m			

Comments:

Understory basically consists of rose, Rubus and garlic mustard. Other trees include: pin oak, white cedar, hickory, sugar, maple, black walnut, black cherry, and oak species.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 711
Acreage: 0.49
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Dogwood spp.	<5m	Road	Auto Access	Dumping
Deciduous	American elm	>5m		bridle path	Trash
Phanerophytes	Pin oak	>5m			
Level	Mugwort	<5m			
Well drained	Wild grape	<5m			
	Ailanthus	<5m & >5m			

Comments:

Area near to meadow consists primarily of mugwort. Other species: black locust, crab apple, Rubus, mulberry, sycamore maple, Joe-pye weed, hazel, Virginia creeper, rose, and Viburnum.

Unit: 712
Acreage: 2.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Viburnum	<5m			Dumping
Deciduous	Red maple	>5m			Trash
Phanerophytes	Black tupelo	<5m & >5m			
Level	American elm	>5m			
Wet	Sweetgum	>5m			
	Apple	<5m			

Comments:

Very dense stand of Viburnum on wet area; some tree regeneration and little undergrowth. Other species: pin oak, crab apple, dogwood, white ash saplings, and a few snags.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 713
Acreage: 1.48
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	>5m	Ditching		Trash
Deciduous	Pin oak	>5m			Fire
Phanerophytes	Sassafras	<5m & >5m			
Level	American elm	>5m			
Wet	Sweetgum	>5m			
	River birch	>5m			

Comments:

Wet area similar to unit 712, but understory is sparse in Viburnum and more prolific in Virginia creeper, Rubus, and goldenrod. Some areas only contain leaf litter. Other trees include: black tupelo, mulberry, swamp white oak, black cherry, green ash, basswood, grey birch, shagbark hickory, elm, sycamore maple, willow, privet, dogwood, and eastern wahoo.

Unit: 714
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			Fire
Deciduous	Black cherry	<5m & >5m			Trash
Phanerophytes	Apple	>5m			
Level	Poison ivy	<5m & >5m			
Moist	Viburnum	<5m			
	Honeysuckle sp.	<5m			

Comments:

Small black locust/ black cherry stand with dense black cherry regeneration and Viburnum. Other vegetation includes false Solomon's seal, goldenrod, and white snakeroot.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 715
Acreage: 0.33
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Dogwood spp.	<5m			Trash
	Viburnum	<5m			
Phanerophytes	Rubus	<5m			
Level	Red oak	>5m			
Moist	Sassafras	<5m			
	Apple	>5m			

Comments:

Thick shrub clearing between old orchard and a forest with thick Viburnum understory. Other species: rose, crab apple, nannyberry, Virginia knotweed, goldenrod, poison ivy, white ash saplings, and a snag with Virginia creeper.

Unit: 716
Acreage: 1.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweet cherry	>5m	Orchard		
Deciduous	Black walnut	>5m			
Phanerophytes	Crab apple	>5m			
Level	Apple	>5m			
Well drained	White ash	<5m			
	American elm	<5m & >5m			

Comments:

Old orchard invaded by ash, elm, and pin oak. Ground vegetation includes: wild grape, Virginia creeper, Rubus, Joe-pye weed, Virginia knotweed, jewelweed, goldenrod, and poison ivy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 717
Acreage: 0.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
Geophytes	Wild parsnip	<5m			
Level	Mugwort	<5m			
Well drained					

Comments:

Unit of Phragmites with many perennial species such as goldenrod, knapweed, curly dock, and Queen Anne's lace.

Unit: 718
Acreage: 0.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	Black cherry	<5m			
Phanerophytes	White ash	<5m			
Level					
Well drained					

Comments:

Black locust stand with black cherry regeneration and also some ash regeneration. Other species: Rubus, Japanese honeysuckle, Virginia knotweed, rose, poison ivy, garlic mustard, sumac, and wild grape.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 719
Acreage: 0.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>5m	Exotic	Auto Access	Trash
Decid.w/evergreen	Red maple	>5m			
Phanerophytes	Black cherry	<5m			
Level	Osage Orange	<5m			
Well drained	Norway maple	>5m			
	American sycamore	>5m			

Comments:

Mixture of tree species, possibly planted, that is different from the surrounding area. Other species: white pine, white ash, jewelweed, and goldenrod.

Unit: 720
Acreage: 0.70
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Auto Access	Erosion
Deciduous	Plantain	<5m		Foot traffic	Fire
Hemicryptophytes	Jewelweed	<5m			
Level	Curly dock	<5m			
Well drained	Prickly lettuce	<5m			

Comments:

Grassland with trees along Shore Road. Many miscellaneous herbs present, not mowed recently. Other trees include American elm, Ailanthus, pin oak, and sycamore. Other vegetation: purple loosestrife, bittersweet, wild grape, Queen Anne's lace, and Joe-pye weed, milkweed, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 721
Acreage: 0.32
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	American sycamore	>5m	Road	Auto Access	Dumping
Decid.w/evergreen	American elm	>5m		Foot traffic	Trash
Geophytes	Privet	<5m			
Level	Mulberry	>5m			
Well drained	Pin oak	>5m			
	White pine	>5m			

Comments:

Small woodland unit along the edge of Shore Road. In some spots understory is dominated by grasses; ground cover is dense throughout. Other species: black locust, grasses, Queen Anne's lace, mugwort, thistle, jewelweed, great ragweed, and wormwood. are dumped in unit although access to old road leading into unit is now overgrown.

Unit: 722
Acreage: 1.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Mugwort	<5m		Parking	compaction
	Grasses	<5m		Auto Access	pollution
Geophytes				Foot traffic	Trash
Level					
Excess drained					

Comments:

Parking lot comprised of packed-down gravel and some asphalt. Previously extended to within thirty feet of shoreline, it is more or less contained by bollards, though a few have been removed. Two vehicles have remained throughout the summer serving as mobile homes. Mugwort and grasses have regenerated in the area to the north near woods. This is the only parking lot along Shore Road offering access to the lagoon between Hunter and Shore Road.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 723
Acreage: 0.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	>5m		Foot traffic	Trash
Deciduous	Black cherry	<5m & >5m		Bench wood	Tree damage
Phanerophytes	Ailanthus	<5m & >5m			Erosion
Slope	Hickory	<5m & >5m			
Well drained	White oak	>5m			
	Sassafras	<5m & >5m			

Comments:

Woodland strip between rocky shore and parking lot. Trails between parking lot and shore. Understory is dense with tree regeneration and herbaceous species. Other trees: sycamore maple, American elm, red oak, apple, white ash, and sweetgum. Other include: sumac, cool season grasses, mugwort, goldenrod, honeysuckle, poor-man's pepper, Rubus, and poison ivy.

Unit: 724
Acreage: 3.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m	cellars	Foot traffic	Trash
Deciduous	Black cherry	<5m & >5m	Full-crown	Fireplace	Dumping
Phanerophytes	Black locust	>5m			Fire
Knoll	Sassafras	<5m & >5m			
Well drained	Norway maple	<5m & >5m			
	Black oak	<5m			

Comments:

Unit between Shore Road and rocky shoreline easily accessible from adjacent parking lot. Many trails criss-cross unit. Area very diverse in tree species; both overstory and understory are dense. Trees include: hickory, American elm, red maple, sycamore maple, sweetgum, white ash, black walnut, red oak, pin oak, sugar maple, horse chestnut, basswood, crab apple, and hackberry. Other species: rose, poison ivy, periwinkle, violet, garlic mustard, white snakeroot, goldenrod, Virginia creeper, CSG, catbriar, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 725
Acreage: 0.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Wild grape	<5m & >5m			
Deciduous	Ailanthus	>5m			
Lianas	Black locust	>5m			
Level	Black cherry	>5m			
Well drained	Rose	<5m			
	Rubus	<5m			

Comments:

Clearing in closed forest. Some trees, understory is impenetrable. Other vegetation includes Japanese honeysuckle and poison ivy.

Unit: 726
Acreage: 0.72
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White pine	>5m			Trash
Everg.w/decid	Black cherry	<5m			
Phanerophytes	Sugar maple	<5m & >5m			
Slope	Hackberry	<5m			
Well drained	Bitternut hickory	<5m & >5m			
	Serviceberry	<5m			

Comments:

Pine stand with predominantly black cherry understory. Other trees present in overstory but sparse. Understory is dense with regeneration; ground cover is dense with poison ivy, periwinkle, and Virginia creeper. Other species include violet, honeysuckle, and mugwort. Trails through area are well-established. Unit crosses Shore Road.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 727
Acreage: 0.55
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Spikegrass	<5m		Fishing	Trash
	Salt mdw cord	<5m		Picnic	
Geophytes	Goldenrod	<5m		Fireplace	
Slope	Grasses	<5m			
Excess drained					

Comments:

Rocky, sandy strip along Shore Road with a few areas of grasses growing on/near the rocks.

Unit: 728
Acreage: 0.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Purple loosestrife	<5m	Building Re.	Auto access	Trash
	Jewelweed	<5m		Foot traffic	
Geophytes	Mugwort	<5m			
Level	Wild grape	<5m			
Well drained	Cool season grass	<5m			
	Phragmites	<5m			

Comments:

Other species include Queen Anne's lace, plantain, smartweed, and mint spp.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 729
Acreage: 1.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	>5m			Fire
Decid.w/evergreen	Pin oak	<5m & >5m			Dumping
Phanerophytes	White ash	<5m & >5m			
Level	Black cherry	<5m			
Moist	White pine	>5m			
	Viburnum	<5m			

Comments:

Almost homogeneous red maple overstory with Viburnum/black cherry and white ash regeneration. Understory varies from areas of Virginia creeper and leaf litter to those with dense jewelweed, poison ivy, or garlic mustard where more light gets through. Other trees include: red oak, apple, crab apple, and sapling of bitternut hickory and white poplar.

Unit: 730
Acreage: 31.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert			Landfill	Sports Sunworship	Trash
Level				.	
Excess drained					

Comments:

Beach.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 731
Acreage: 10.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert				Picnic Auto access Sports	Trash Vandalism
Level					
Excess drained					

Comments:

Recreational facilities for paddleball, shuffleboard, basketball, etc. Trees, primarily pin oak, and shrubs line paved footpaths. Some vegetation growing in cracks in concrete--cool season grasses, dandelion, and plantain, among others.

Unit: 732
Acreage: 43.96
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert			Landfill	Auto access Foot traffic	Trash
Level					
Excess drained					

Comments:

Parking lot with some vegetation growing in cracks, such as cool season grasses, dandelion, and plantain.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 733
Acreage: 10.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert				Bath house	

Knoll
 Excess drained

Comments:
 Bathhouse.

Unit: 734
Acreage: 15.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Grasses	<5m	Railroad Track	Foot traffic	Dumping Trash Vandalism

Hemicryptophytes
 Slope
 Excess drained

Comments:
 Railroad tracks through park. Some grasses and herbs growing wherever they can.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 735
Acreage: 38.97
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Oaks	<5m & >5m	Hedgerow	Foot traffic	
Decid.w/evergreen	Sweetgum	<5m & >5m	Exotics	Golf	
Hemicryptophytes	Pines	>5m			
Level	American beech	>5m			
Well drained	Honey locust	>5m			
	American sycamore	>5m			

Comments:

Many species of trees interspersed along fairways and around main golf clubhouse; mowed cool season grasses underneath. Other species include: American elm (some dead or dying), hickories, maples, black locust, black tupelo, basswoods, dogwoods, tulip poplar, linden, black cherry, hackberry, American hornbeam, Sassafras, crab apple, river birch, witch hazel, and mulberry. Some tree regeneration next to trunks; some poison ivy climbing them.

Unit: 736
Acreage: 2.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White pine	>5m		Foot traffic	
Everg.w/decid	White spruce	>5m		Golf	
Hemicryptophytes	Austrian pine	>5m			
Level	Black cherry	<5m			
Well drained	Gray birch	>5m			
	Poison ivy	<5m			

Comments:

Evergreen stand along fairway; cool season grasses predominates understory, which is mowed frequently.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 737
Acreage: 1.44
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	American sycamore	>5m	Fence	Sports	
Decid.w/evergreen	American elm	<5m & >5m			
Phanerophytes	Pine spp.	>5m			
Level	Horse chestnut	>5m			
Well drained	Sweetgum	>5m			

Comments:

Other trees: mulberry, elderberry, pin oak, black cherry. Vegetation near tree bases includes Rubus, poison ivy, and Virginia creeper. Lawn consists of cool season grasses, dandelion, plantain, smartweed, mint and clover.

Unit: 738
Acreage: 0.10
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	<5m & >5m	Hedgerow	Foot traffic	
Deciduous	Black cherry	<5m			
Phanerophytes	Viburnum	<5m			
Level	Ash	<5m & >5m			
Well drained	Poison ivy	<5m			
	Rose	<5m			

Comments:

Lime of sweetgum with a lot of regeneration between the trees.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 739
Acreage: 1.78
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Austrian pine	>5m	Road	Auto access	Trash
Everg.w/decid	Black cherry	<5m			
Hemicryptophytes	Oak	<5m			
Level	Cool season grass	<5m			
Well drained					

Comments:

Unit near maintenance building of golf course. Woodland with herbaceous understory consisting primarily of cool season grasses, but there is also knapweed, hawkweed, Rubus, wild grape, and mulberry.

Unit: 740
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Austrian pine	>5m			
Evergreen	Black cherry	<5m		Sports	
Phanerophytes	Cool season grass	<5m		Foot traffic	
Level					
Well drained					

Comments:

Small unit of Austrian pines. Black cherry regeneration at base of pines.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 741
Acreage: 0.97
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m			
Deciduous	Pin oak	<5m & >5m			
Phanerophytes	Sweetgum	<5m & >5m			
Level	Sassafras	<5m & >5m			
Moist	Cattail	<5m			
	Shining sumac	<5m			

Comments:

Dense vegetation bordering a stream in golf course. Other species: Ailanthus, hickory, sycamore, elm, pine, goldenrod, poison ivy, purple loosestrife, and Rubus.

Unit: 742
Acreage: 1.27
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Giant ragweed	<5m			Dumping
	Mugwort	<5m			Trash
Geophytes	Evening primrose	<5m			Storage
Level	Smartweed	<5m			
Well drained	Smooth sumac	<5m			
	Morning glory	<5m			

Comments:

Area around maintenance shed. Equipment, sand piles, trailers, and gravel road present in unit; also, heavy dumping. Vegetation typical of that found in these areas. Other species: Ailanthus, pokeweed, poison ivy, butter-and-eggs, rose, eastern cottonwood, Phragmites, goldenrod, and purple loosestrife.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 743
Acreage: 2.57
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Purple loosestrife	<5m			
	Goldenrod	<5m			
Geophytes	Curly dock	<5m			
Level	Thistle	<5m			
Well drained	Rubus	<5m			
	Queen Anne's lace	<5m			

Comments:

Herbaceous meadow at edge of golf course. May have been mowed at one time; now natural vegetation appears to be taking over.

Unit: 744
Acreage: 2.12
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Wild grape	<5m			
Deciduous	Green ash	<5m & >5m			
Lianas	Pin oak	>5m			
Level	Red maple	>5m			
Moist	Sweetgum	>5m			

Comments:

Liana area at edge of golf course; stream adjacent to unit. Other species: goldenrod, purple loosestrife, and black cherry. Overall, wild grape is apparently out-competing all other species.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 745
Acreage: 0.10
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Smooth sumac	<5m			
	Hickory	<5m			
Phanerophytes	Rubus	<5m			
Slope					
Well drained					

Comments:

Patch of smooth sumac along fence at golf course. Other species: cool season grasses, day lily, and dogbane.

Unit: 746
Acreage: 3.35
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Tulip poplar	<5m & >5m			
Deciduous	Sweetgum	<5m & >5m		Sports	
Phanerophytes	American beech	<5m & >5m		Foot traffic	
Slope	Black birch	<5m & >5m			
Moist	Red maple	<5m & >5m			
	Pin oak	<5m & >5m			

Comments:

Forest within golf course with stream running through it. Much like unit 747, but ground cover is not as dense, especially near stream. Other species: skunk cabbage, ferns, mosses, aster, dogwood, spicebush, Viburnum, hickory, elm, Sassafras, Rubus, and jewelweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 747
Acreage: 5.72
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	<5m & >5m		Sports	
Deciduous	Red maple	<5m & >5m		Foot traffic	
Phanerophytes	Black tupelo	<5m & >5m			
Undulating	American beech	<5m & >5m			
Moist	Ash	<5m & >5m			
	American hornbeam	<5m & >5m			

Comments:

Closed forest within golf course; dense regeneration except for edges where golf course traffic keeps it down. Wet site species are more prevalent closer to the stream. Depression with a lot of rocks that are possibly glacial. Other species: tulip poplar, black birch, Sassafras, oak, hickory, locust, Ailanthus, and black cherry. Understory/groundcover consists of spicebush, Viburnum, aster, rose and poison ivy.

Unit: 748
Acreage: 1.45
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	American beech	>5m		Sports	
Deciduous	River birch	>5m		Foot traffic	
Hemicryptophytes	Tulip poplar	>5m			
Level					
Well drained					

Comments:

Small stand of beech that may be planted on the golf course.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 749
Acreage: 18.03
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	>5m	Fence	Sports	
Deciduous	American beech	>5m	Drain ditch		
Phanerophytes	Black locust	>5m			
Undulating	Black cherry	>5m			
Well drained	Red maple	>5m			
	Tulip poplar	>5m			

Comments:

Mature stand of trees between fairways and railroad that is quite extensive and nearly homogeneous in sweetgum. Leaf litter present; variety of species in understory, such as rose, white snakeroot, elderberry, Rubus, jewelweed, horsetail, ferns, Virginia creeper, Viburnum, spicebush, dogwood, and poison ivy. Other tree species include: hickory, Sassafras, Ailanthus, and black walnut.

Unit: 750
Acreage: 1.60
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>5m			Dumping
Deciduous	Sweetgum	>5m			
Hemicryptophytes	Willow	<5m & >5m			
Level	Black cherry	<5m & >5m			
Well drained	Hickory	>5m			
	Ailanthus	<5m			

Comments:

Unit once a small closed forest; mowed less frequently over the years, now not at all. Middle of unit used as a dump site for golf course and concession--many bottle and cans present. Ground vegetation includes: cool season grasses, sumac, goldenrod, Rubus, and a small amount of Phragmites.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 751
Acreage: 1.60
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Golf	
	Goldenrod	<5m			
Hemicryptophytes	Sedge	<5m			
Level	Joe-Pye weed	<5m			
Well drained	Dogbane	<5m			
	Plantain	<5m			

Comments:

Edge of unit is extending more each year as the area is mowed less. Ruts indicate soil saturation after rains.

Unit: 752
Acreage: 0.10
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Ironweed, New York	<5m		Golf	
	Jewelweed	<5m			
Hemicryptophytes	Rose	<5m			
Level					
Moist					

Comments:

Small unit along fairway near the woods alongside the railroad.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 753
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Aquatic plant	Duckweed	<5m			Pollution
	Sedge	<5m			Trash
	Cattails	<5m			Pesticides
Slope					
Surface water					

Comments:

Small pond near fairway at the end of a drainage ditch extending north along railroad. Runoff from the railroad drains here. Pesticides are used to control mosquito proliferation and they are also said to "feed the fish". Muskrat was sighted; a lot of bullfrogs, too.

Unit: 754
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m		Golf	Pollution
Deciduous	Mugwort	<5m			Trash
Chamaephytes	Dogwood	<5m			
Slope	Garlic mustard	<5m			
Moist	Viburnum	<5m			
	Silver maple	<5m			

Comments:

Scrubby area between pond and fairway. Most vegetation appears to have been affected by pollution or has been sprayed with herbicide. Scattered trees include crab apple, black cherry, sweetgum, ash, and buckthorn.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 755
Acreage: 178.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m		Sports Foot traffic	
Hemicryptophytes					
Undulating					
Well drained					

Comments:

Golf course--greens, fairways, and roughs. Other species include clover, plantain, and dandelions.

Unit: 756
Acreage: 1.96
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>5m			
Deciduous	Swamp white oak	>5m			
Therophytes	Black tupelo	>5m			
Undulating	Green ash	>5m			
Moist	American sycamore	>5m			
	Black cherry	>5m			

Comments:

Moist area between pond and railroad. Understory predominantly jewelweed, but there is also Rubus, dodder, Joe-pye weed, Virginia creeper, and dogwood.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 757
Acreage: 0.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ash spp.	>5m			
Deciduous	Black walnut	>5m			
Lianas	Hickory	<5m			
Level	Red oak	>5m			
Moist	Sumac	<5m			
	Bittersweet	<5m & >5m			

Comments:

Woodland with lianas. Understory consists of wild grape, Rubus, jewelweed, and moonseed.

Unit: 758
Acreage: 0.58
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ash, green	>5m	Drain.dit	Sports	
Deciduous	Red maple	>5m			
Phanerophytes	Red oak	>5m			
Slope	Hickory.	>5m			
Moist	Swamp white oak	>5m			
	Black cherry	<5m			

Comments:

Small area along fairway above the pond. Understory contains Viburnum, dogwood, jewelweed, poison ivy, and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 759
Acreage: 0.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cattails	<5m	Drain.dit		
Geophytes	Phragmites	<5m			
Slope					
Wet					

Comments:
Wet area just above pond alongside fairway.

Unit: 760
Acreage: 0.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m			
Deciduous	Jewelweed	<5m			
Therophytes	Dogwood	<5m			
Level	Rubus	<5m			
Well drained	Rose	<5m			

Comments:
Herbaceous vegetation due to opening in canopy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 761
Acreage: 1.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Japanese yew	>5m	Golf Building	Picnic	Trash
Evergreen			Parking lot	Auto Access	
Phanerophytes				Foot traffic	
Level					
Well drained					

Comments:

Golf buildings at Pelham-Split Rock golf course. Some large yew in back of main building. One building is concession stand in Split Rock golf course.

Unit: 762
Acreage: 0.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>5m			
Deciduous	Red oak	>5m			
Phanerophytes	Hickory	<5m & >5m			
Undulating	American beech	<5m & >5m			
Moist	American hornbeam	>5m			
	Spicebush	<5m			

Comments:

Other species: ferns, skunk cabbage, black tupelo, ash, Viburnum, black cherry, dogwood, mulberry, poison ivy, Rubus, and white snakeroot.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 763
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	<5m & >5m			
Deciduous	Hickory	<5m			
Phanerophytes	Black walnut	<5m			
Slope	Red maple	<5m			
Well drained	Buckthorn	<5m			

Comments:

Two snags of oak and hickory creating a hole in the canopy. Other species: wild grape, goldenrod, Joe-pye weed, Rubus, jewelweed, bittersweet, sensitive fern, and Jack-in-the-pulpit.

Unit: 764
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m			
Deciduous	Black locust	<5m & >5m			
Chamaephytes	Flowering dogwood	>5m			
Undulating	Rubus	<5m			
Well drained					

Comments:

Herbaceous area along fairway. Other species: oak, hickory, bittersweet, buckthorn, thistle, lettuce, rose, pokeweed, smartweed, jewelweed, and Joe-pye weed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 765
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m			
Deciduous	Dogwood	>5m			
Phanerophytes	Black cherry	<5m			
Slope	Witch hazel	<5m & >5m			
Well drained					

Comments:

Other species: goosefoot, lettuce, thistle, pokeweed, jewelweed, mugwort, Rubus, deadly nightshade, goldenrod, bittersweet, and smartweed.

Unit: 766
Acreage: 1.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ash spp.	<5m & >5m	Drain.dit		
Deciduous	Hickory	<5m & >5m			
Phanerophytes	Crab apple	<5m & >5m			
Undulating	Pin oak	<5m & >5m			
Moist	Black oak	<5m & >5m			
	White oak	<5m & >5m			

Comments:

Diverse unit adjacent to fairway. Other trees include: American hornbeam, American basswood, Sassafras, sweetgum, black cherry, silver maple, black locust, and American sycamore. Dense understory contains a lot of regeneration plus the following: spicebush, aster, false Solomon's seal, ferns, meadow rue, Rubus, bittersweet, and wild grape.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 767
Acreage: 0.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Silver maple	<5m & >5m			Trash
Deciduous	Ash	<5m & >5m			Cars
Phanerophytes					
Slope					
Moist					

Comments:
 Unit adjacent to railroad tracks. Other species include Rubus and Viburnum.

Unit: 768
Acreage: 0.83
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			Trash
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Ash	<5m & >5m			
Undulating	Bittersweet	<5m			
Well drained	Viburnum	<5m			

Comments:
 Other species: Rubus, Virginia creeper, bittersweet, and privet

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 769
Acreage: 0.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>5m			
Deciduous	Green ash	<5m			
Phanerophytes	Viburnum	<5m			
Slope					
Moist					

Comments:
 Unit of mature pin oaks.

Unit: 770
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m			
Deciduous	Pin oak	<5m & >5m			
Phanerophytes	Pin oak	<5m & >5m			
Knoll	Black cherry	<5m & >5m			
Well drained					

Comments:
 Rock outcrop with a great amount of dense black locust regeneration. Other species: Ailanthus, American elm, goldenrod, pokeweed, lettuce, butter-and-eggs, Virginia creeper, and Queen Anne's lace.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 771
Acreage: 0.33
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Cool season grass	<5m			Trash
	Black cherry	>5m			
Hemicryptophytes	Hawthorn	<5m			
Level	Curly dock	<5m			
Well drained	Plantain	<5m			
	Burdock	<5m			

Comments:

Area of lawn that has not been mowed; natural vegetation is taking over. Very rutted possibly due to heavy equipment. Other species: smartweed, sedges, clover, knapweed, goldenrod, Queen Anne's lace, mugwort, Solanum spp., wild grape, thistle, lettuce, and wild strawberry.

Unit: 772
Acreage: 2.75
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m			Trash
Deciduous	Black cherry	<5m & >5m			
Lianas	Black willow	>5m			
Level	Poison ivy	<5m & >5m			
Well drained	Wild grape	<5m & >5m			
	Bittersweet	<5m & >5m			

Comments:

Unit has a stream/drainage ditch running through it.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 773
Acreage: 0.39
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White ash	<5m & >5m			
Deciduous	American sycamore	>5m			
Phanerophytes	Viburnum	<5m			
Slope	Jewelweed	<5m			
Moist					

Comments:

Unit: 774
Acreage: 0.72
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m		Foot traffic	Trash
Deciduous	Black locust	>5m		Golf cart build	Sew.seep
Hemicryptophytes	American hornbeam	<5m & >5m			
Slope	Flowering dogwood	>5m			
Well drained	Privet	<5m			
	Japanese knotweed	<5m			

Comments:

Golf cart building and surrounding grounds. Lawn has not been cut recently. Area used for dumping dirt, benches, piles of branches, etc. Fence running alongside building has many lianas. Other species: cool season grasses, goldenrod, thistle, wild rhubarb, and aster.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 775
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Dogwood spp.	<5m			
Phanerophytes	Phragmites	<5m			
Level	Rose	<5m			
Moist					

Comments:

Unit: 776
Acreage: 0.78
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			Pesticides
Geophytes	Pin oak	>5m			
Slope					
Wet					

Comments:

Wet area in golf course where drainage ditch ends. Mostly Phragmites with one pin oak in the middle. Pesticides used to curb mosquito reproduction.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 777
Acreage: 0.46
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	<5m & >5m	Fence		
Deciduous	Black cherry	>5m		Sports	
Phanerophytes	Crab apple	<5m			
Level	American elm	>5m			
Well drained	Mulberry	<5m			
	Buckthorn	<5m			

Comments:

Area along fence, just inside golf course gateway. Other species: bittersweet, jewelweed, Rubus, aster, goldenrod, wild grape, and garlic mustard.

Unit: 778
Acreage: 2.59
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	>5m	Road		Compaction
Deciduous	Bitternut hickory	>5m	Fence		Trash
Phanerophytes	Ailanthus	<5m & >5m	Drain.dit		
Level	Red oak	>5m			
Well drained	Sassafras	<5m & >5m			
	Ash	>5m			

Comments:

Strip along old Split Rock road with various trees and mugwort predominating the ground vegetation. Road supported in places by retaining wall, culvert and grating at one point. Other species: American sycamore, sweetgum, shagbark hickory, white oak, jewelweed, goldenrod, Joe-pye weed, giant ragweed, smartweed, common tansy, New England aster, and Phragmites. Some snags present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 779
Acreage: 2.94
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black tupelo	<5m & >5m		Sports	
Deciduous	Red maple	>5m			
Hemicryptophytes	Pin oak	>5m			
Level	Black locust	>5m			
Well drained	Sweetgum	>5m			
	American beech	>5m			

Comments:

Small area between fairways in golf course, perhaps wetter in spring. Understory species include: switchgrass, aster, jewelweed, mugwort, rose, sumac, and goldenrod.

Unit: 780
Acreage: 14.37
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	>5m	Fence		Fire
Deciduous	Sweetgum	>5m	Ditch		Herbicide
Hemicryptophytes	Pin oak	>5m			
Level	Pignut hickory	>5m			
Well drained	White oak	>5m			
	Shagbark hickory	>5m			

Comments:

Mature oak-hickory and sweetgum stand between fairways. Trees spaced apart in some areas, but same understory. Other trees include: black cherry, ash, swamp white oak, American elm, red maple, and black locust and Sassafras saplings. Understory species: white snakeroot, aster, goldenrod, and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 781
Acreage: 1.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m			
Deciduous	Red maple	>5m			
Phanerophytes	Sumac	<5m			
Level	Elderberry	<5m			
Moist	Purple loosestrife	<5m			
	New York ironweed	<5m			

Comments:

Small, diverse unit. Besides trees and shrubs, there are many wildflowers and herbs. Area quite open between fairways. Trees include: black willow, swamp white oak, crab apple, and black tupelo. Other species are jewelweed, Rubus, Phragmites, smartweed, and Joe-pye weed.

Unit: 782
Acreage: 1.91
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Drain. Ditch		Fire
Deciduous	Black cherry	<5m & >5m		Sports	
Phanerophytes	Sassafras	>5m		Foot traffic	
Undulating	Pin oak	>5m			
Well drained	Sweetgum	>5m			
	Red maple	>5m			

Comments:

Black locust and black cherry predominant with Sassafras regeneration; sumac along fairway. Other trees include: black tupelo, grey birch, trembling aspen, American sycamore, and swamp white oak. Understory species: Viburnum, rose, Virginia knotweed, Japanese honeysuckle, cool season grasses, and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 783
Acreage: 0.07
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	<5m & >5m	Elec. Build	Sports	
Deciduous	Elderberry	<5m		Foot traffic	
Hemicryptophytes	Cool season grass	<5m			
Level	Aster	<5m			
Well drained	Bittersweet	<5m			

Comments:

Area surrounding brick electric building near old Split Rock.

Unit: 784
Acreage: 0.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m			
	Dogbane	<5m		Sports	
Hemicryptophytes	Cool season grass	<5m			
Level	Wild strawberry	<5m			
Well drained	Viburnum	<5m			
	Rubus	<5m			

Comments:

Area not mowed recently near fairway between woods; this is now herbaceous, but with oak-hickory regeneration. Mowed strip through middle allows for foot/cart traffic between fairway and tee-off.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 785
Acreage: 3.79
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m	Ditch	Sports	
Deciduous	White ash	>5m		Foot traffic	
Therophytes	White oak	>5m			
Slope	Red oak	>5m			
Well drained	Sassafras	<5m & >5m			
	Jewelweed	<5m			

Comments:

Area along fairway, below old Spilt Rock road. Oak are mature; locust, ash and Sassafras have invaded over the years. Understory is mostly jewelweed, but there is also Rubus, goldenrod, and smooth sumac.

Unit: 786
Acreage: 2.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	<5m & >5m			Fire
Deciduous	White oak	<5m & >5m			
Hemicryptophytes	Black oak	<5m & >5m			
Slope	Pin oak	<5m & >5m			
Well drained	Black tupelo	>5m			
	Sweet birch	>5m			

Comments:

Mature oak stand; trees grouped together, some areas are more open. Understory is primarily herbaceous with goldenrod, cool season grasses, jewelweed, Rubus, and mugwort. Some tree regeneration of those species mentioned above plus Sassafras and hickory. Area was mowed in the past; some foot traffic as a result of lost golf balls.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 787
Acreage: 2.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Road		Fire
Deciduous	Shagbark hickory	>5m			
Hemicryptophytes	Pin oak	<5m & >5m			
Slope	Ailanthus	>5m			
Well drained	Black cherry	>5m			
	White ash	<5m			

Comments:

Unit borders old Split Rock road; forest less dense to the south. Understory species: Virginia knotweed, white snakeroot, goldenrod, common tansy, and New England aster.

Unit: 788
Acreage: 1.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Road	Sports	Fire
Deciduous	Black cherry	>5m		Foot traffic	Trash
Therophytes	Red maple	>5m			
Level	Sassafras	<5m			
Well drained	Jewelweed	<5m			
	Rubus	<5m			

Comments:

Mixed black locust-black cherry stand between fairway and old Split Rock road. Understory predominantly jewelweed. Other species include: shagbark hickory, pin oak, Virginia knotweed, goldenrod, and false Solomon's seal.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 789
Acreage: 0.84
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red apple	>5m	Road	Sports	Fire
Deciduous	American elm	>5m		Foot traffic	Trash
Therophytes	Sassafras	>5m			Slash dump
Level	Swamp white oak	>5m			
Well drained	Apple	>5m			
	Jewelweed	<5m			

Comments:

Mature species of maple, elm oak, and apple. There was Sassafras regeneration years ago, understory is predominantly jewelweed. Other species: Rubus, smooth sumac, and Virginia knotweed.

Unit: 790
Acreage: 1.76
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>5m	Road		Fire
Deciduous	Green ash	>5m		Sports	
Therophytes	White ash	>5m			
Level	Red oak	>5m			
Moist	Sweetgum	>5m			
	Jewelweed	<5m			

Comments:

Mid-aged trees with dominant jewelweed understory; area borders old Split Rock Road and connecting road between fairways. Other species: hickory, black cherry, Sassafras, goldenrod, Rubus, sumac, and elderberry.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 791
Acreage: 0.82
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Kentucky coffee tree	<5m & >5m	Road		Dump.stash
Deciduous	Ailanthus	<5m & >5m	Exotic		
Phanerophytes	Black cherry	>5m			
Level	Black walnut	>5m			
Well drained	American elm	>5m			
	Norway maple	>5m			

Comments:

Area mostly composed of Kentucky coffee tree, though not fully mature (clonal regeneration). Evidence of homestead given by exotic plantings, including Norway spruce. There is also shagbark hickory. Understory is a mix of cool season grasses, aster, white snakeroot, jewelweed, Rubus, and day lily. Old split Rock Road nearby; connecting road between fairways splits unit.

Unit: 792
Acreage: 1.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Goldenrod	<5m	Road	cart traffic	Dumping
	Phragmites	<5m	Foundation		
Hemicryptophytes	purple loosestrife	<5m			
Level	Rubus	<5m			
Well drained	Thistle	<5m			
	American elm	<5m & >5m			

Comments:

Unit mostly herbaceous; area seems to have been left uncut in recent years. Connecting path between fairways used occasionally by golf carts. Other species: eastern cottonwood, mint, and cool season grasses.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 793
Acreage: 1.94
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m	Fence		
Deciduous	Black cherry	>5m			
Lianas	Ash	>5m			
Slope	Bittersweet	<5m & >5m			
Well drained	Black walnut	>5m			
	Eastern hemlock	>5m			

Comments:

Diverse unit along site of old Shore Road within Split Rock Golf Course. Other species: basswood, black locust, American elm, swamp white oak, pin oak, mulberry, American sycamore, hickory, wild grape, white snakeroot, rose, pokeweed, and jewelweed.

Unit: 794
Acreage: 0.53
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	>5m			
Deciduous	Black locust	>5m			
Hemicryptophytes	American sycamore	>5m			
Slope	Grey birch	>5m			
Moist					

Comments:

Red maple stand. Other species include white snakeroot and Virginia knotweed. Ground cover was thin; abundance of leaf litter.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 795
Acreage: 1.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m			
Deciduous	Black locust	>5m			
Phanerophytes	Mulberry spp.	>5m			
Slope	Grey birch	>5m			
Well drained	Smooth sumac	<5m			

Comments:

Unit appears to have been maintained at one time. Other species include Phragmites.

Unit: 796
Acreage: 0.97
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>5m	Fence		Fire
Deciduous	Black oak	>5m			
Phanerophytes	Tulip poplar	>5m			
Level	Sassafras	>5m			
Well drained	Black cherry	<5m			
	Black walnut	>5m			

Comments:

Unit on northern edge of golf course extending beyond the fence. A great deal of bittersweet. Other species include Rubus and Japanese honeysuckle.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 797
Acreage: 1.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	>5m			
Deciduous	Pin oak	>5m			
Hemicryptophytes	Sweetgum	>5m			
Level	Black tupelo	>5m			
Well drained	Bitternut hickory	>5m			
	Cool season grass	<5m			

Comments:

Strip along fairway and fence border. Large white oak present that was designated as a "great tree". Fire at bases of some trees have caused them to hollow out. Other understory species include aster and Virginia knotweed; there is also an abundance of leaf litter.

Unit: 798
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black tupelo	<5m & >5m	Fence		
Deciduous	Sweetgum	>5m			
Lianas	Black cherry	>5m			
Level	Bittersweet	<5m & >5m			
Well drained	Smooth sumac	<5m			
	Pokeweed	<5m			

Comments:

Area heavily influenced by bittersweet. Unit is bordered by fence and fairway, and is impenetrable. There are some Sassafras saplings present and some wild grape.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 799
Acreage: 0.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m	Fence	Sports	
Deciduous	Black cherry	>5m		Foot traffic	
Phanerophytes	Swamp white oak	>5m			
Slope	Smooth sumac	<5m			
Well drained	Elderberry	<5m			

Comments:

Soil is clay-like; area expanding as border next to fairway is left unmowed. Other species: jewelweed, dogbane, ash, dogwood, thistle, Virginia knotweed, and Joe-pye weed.

Unit: 800
Acreage: 0.06
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m	Fence	Sports	
Deciduous	Green ash	>5m	Drain ditch	Foot traffic	
Phanerophytes	Mulberry .	<5m			
Undulating	Goldenrod	<5m			
Well drained	Virginia knotweed	<5m			
	Rubus	<5m			

Comments:

Area near Phragmites; large pin oak umbrellas unit. Other species: Viburnum, wild strawberry and poison ivy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 801
Acreage: 0.41
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m			Fire
Deciduous	Black tupelo	<5m & >5m		Sports	
Phanerophytes	Black locust	<5m & >5m		Foot traffic	
Slope	Shagbark hickory	>5m			
Well drained	Sassafras	<5m & >5m			
	Dogwood	<5m			

Comments:

Area mowed at one time, but now there is a ragged understory of Virginia knotweed, cool season grass, Rubus, poison ivy, and bittersweet. Also, catalpa and black cherry are present.

Unit: 802
Acreage: 0.36
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	<5m & >5m			
Deciduous	Black walnut	>5m			
Lianas	Swamp white oak	<5m & >5m			
Slope	Wild grape	<5m & >5m			
Well drained	Sassafras	<5m & >5m			
	Bittersweet	<5m & >5m			

Comments:

Unit adjacent to service road in Split Rock golf course. Other species: tulip poplar, sweetgum, gray birch, hickory, jewelweed, and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 803
Acreage: 27.57
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	>5m	Fence	Picnic	
Deciduous	Swamp white oak	>5m	Drainage	Fireplace	
Phanerophytes	Pin oak	<5m & >5m	Excavation	Foot traffic	
Undulating	Sweetgum	<5m & >5m			
Moist	Ash	<5m & >5m			
	American beech	>5m			

Comments:

Large unit of mature trees between fairways and the railroad tracks. Poison ivy on some of the edge trees. Mixed understory of: ferns, Viburnum, Virginia knotweed, goldenrod, aster, rose, Rubus, and jewelweed. Some black tupelo and hickory are present as well as black cherry sapling.

Unit: 804
Acreage: 1.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m	Fence		
Deciduous	Black cherry	<5m & >5m	Drain Ditch		
Phanerophytes	Sassafras	<5m & >5m			
Level	Ailanthus	<5m & >5m			
Well drained	Mulberry	>5m			
	Pin oak	<5m & >5m			

Comments:

Medium-sized trees on strip between fairway and railroad tracks. Other trees: American sycamore, American elm, buckthorn, red maple, ash, and sweetgum. Understory species include: cool season grass, jewelweed, Japanese honeysuckle, goldenrod, Rubus, poison ivy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 805
Acreage: 1.00
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m		Foot traffic	
Deciduous	Hickory	>5m			
Hemicryptophytes	Sweetgum	>5m			
Slope	Dogwood	>5m			
Well drained	Sweet birch	>5m			
	Red maple	>5m			

Comments:

Mature trees with varied understory of goldenrod, cool season grass, ferns, pokeweed, aster, Rubus, wild strawberry, dogbane, and buckthorn. Some golf cart traffic.

Unit: 806
Acreage: 0.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Swamp white oak	>5m			Dumping
Deciduous	Pin oak	>5m			Trash
Chamaephytes	Elderberry	<5m			
Slope	Jewelweed	<5m			
Well drained					

Comments:

Unit adjacent to service road and paved golf cart trail; may have been mowed at one time but is no longer maintained. Possibly some foot traffic from people retrieving golf balls. Other species include: black cherry, pokeweed, Rubus, mugwort, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 807
Acreage: 0.20
Mgmt. Concern: Yes

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Jewelweed	<5m			
	Goldenrod	<5m			
Therophytes	Rubus	<5m			
Slope	Switchgrass	<5m			
Well drained	Joe-Pye weed	<5m			
	Fern	<5m			

Comments:

Unit along fairway; not mowed for many years.

Unit: 808
Acreage: 0.44
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m	Road		Dumping
Deciduous	Sassafras	<5m & >5m			
Phanerophytes	Black locust	>5m			
Undulating	Crab apple	>5m			
Well drained					

Comments:

Transition zone of pioneer species between units 809 and 810. There is a lot of Ailanthus and Sassafras regeneration. Other species: goldenrod, cool season grasses, bittersweet, avens, Viburnum, elderberry, jewelweed, and garlic mustard.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 809
Acreage: 2.42
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>5m			Fire
Deciduous	Black cherry	>5m			
Hemicryptophytes	Hickory	<5m & >5m			
Level	Sassafras	<5m & >5m			
Well drained	Aster	<5m			
	White oak	>5m			

Comments:

Closed forest consisting of above species. Sassafras regeneration is primarily along unit's edge where there is more sunlight. Other species: black walnut, white snakeroot, false Solomon's seal, and whorled loosestrife.

Unit: 810
Acreage: 0.48
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m			
Deciduous	Jewelweed	<5m			
Phanerophytes					
Level					
Well drained					

Comments:

Stand of black locust with jewelweed understory. Other species include pokeweed, Viburnum, rose, and elderberry.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 811
Acreage: 0.51
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m			Dumping
Deciduous	Black locust	>5m		Auto Access	Trash
Phanerophytes	Sassafras	<5m & >5m		Tree house	
Slope	Pin oak	>5m			
Well drained	Ash	<5m & >5m			
	Red maple	>5m			

Comments:

Slightly upland area. Other species: Norway maple, American beech, Virginia creeper, poison ivy, Rubus, rose and honeysuckle.

Unit: 812
Acreage: 0.60
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sweetgum	>5m		Foot traffic	Trash
Deciduous	Black locust	>5m			
Lianas	Wild grape	<5m & >5m			
Slope	Black cherry	>5m			
Well drained	Ash	<5m & >5m			
	Sassafras	<5m & >5m			

Comments:

Woodland with lianas; also, honeysuckle, bittersweet, rose, and Viburnum.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 813
Acreage: 14.03
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	<5m & >5m	Road	Sports	Dumping
Deciduous	Red maple	<5m & >5m	Fence	Foot traffic	Trash
Phanerophytes	Black cherry	<5m & >5m	Exotics		
Undulating	Sweet birch	<5m & >5m			
Moist	Black tupelo	<5m & >5m			
	Sassafras	<5m & >5m			

Comments:

Large, diverse, wet unit. Lower spots contain species indicative of wet areas, such as ash, wineberry, spicebush, skunk cabbage, ferns, mosses, and the above species. Ground cover is very sparse. High spots are often drier and have dense groundcover; these sections contain the appropriate species, such as oak, hickory, elm, American hornbeam, dogwood, Norway maple, Sycamore maple and tulip poplar. **NOTE: Some young saplings of American chestnut found- possibly 3,4, or more.

Unit: 814
Acreage: 0.29
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m		Sports	
Deciduous	Black locust	>5m		Foot traffic	
Phanerophytes	Black walnut	>5m			
Undulating					
Well drained					

Comments:

Small unit of above species; understory is quite dense. Other species: Viburnum, honeysuckle, Japanese honeysuckle, jewelweed, rose, ash, sweetgum, spicebush, garlic mustard, Rubus, Virginia creeper, and false Solomon's seal.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 815
Acreage: 1.80
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Mugwort	<5m		Auto Access	Dumping
	Jewelweed	<5m		Sports	Trash
Geophytes	Purple loosestrife	<5m		Foot traffic	
Level	Cool season grass	<5m			
Well drained	Goldenrod	<5m			

Comments:

Very disturbed roadside unit; pilings are set alongside unit's edge to keep vehicles out. Other species: black cherry, wild grape, Queen Anne's lace, curly dock, chives, sycamore, black locust, thistle, mullein, Rubus, and red maple.

Unit: 816
Acreage: 4.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		Auto Access	Fire
Deciduous	Black walnut	>5m		Foot traffic	Dumping
Phanerophytes	Ailanthus	<5m & >5m			Trash
Level	Black cherry	<5m & >5m			
Well drained	Oak	>5m			
	Hickory	<5m & >5m			

Comments:

Large unit of pioneer species. Understory is predominantly herbaceous vegetation with tree regeneration on the level part; it becomes denser with more Rubus, rose, and black cherry where unit slopes toward the stream. More oak and hickory are mixed in along edge of the golf course fence. Other species include: jewelweed, mugwort, garlic mustard, and Virginia knotweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 817
Acreage: 0.21
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5m & >5m			
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Black locust	>5m			
Level	Viburnum	<5m			
Well drained	Dogwood	<5m			
	Honeysuckle sp.	<5m			

Comments:

Closed forest with very dense understory and a lot of black cherry regeneration. Other species include black walnut, rose, Rubus, jewelweed, and poison ivy.

Unit: 818
Acreage: 0.34
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	<5m & >5m	Full-crown	Foot traffic	
Deciduous	Red maple	>5m			
Lianas	Black tupelo	<5m & >5m			
Slope	Ash	<5m & >5m			
Moist	American elm	<5m & >5m			
	Crab apple	>5m			

Comments:

Little or no ground cover with poison ivy and Virginia creeper. Area probably quite moist in spring and becomes drier as summer season progresses. Also, pin oak is present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 819
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Smooth sumac	<5m & >5m			
Deciduous	Black walnut	>5m			
Phanerophytes	Black locust	>5m			
Level	Black cherry	<5m			
Well drained					

Comments:

Incredible smooth sumac growth--approximately twenty feet tall. Little ground cover probably due to shade from sumac. A lot of black cherry regeneration.

Unit: 820
Acreage: 0.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Wild grape	<5m & >5m			
Deciduous	Black cherry	>5m			
Lianas	Ailanthus	>5m			
Level	Black locust	<5m			
Well drained	Sassafras	<5m			
	Jewelweed	<5m			

Comments:

Small area between road and wood with an abundance of wild grape; scattered trees, around fifteen to twenty feet tall, are all covered with it. Some mugwort on edge near Shore Road.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 821
Acreage: 0.28
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black walnut	>5m	Fence		
Deciduous	Black locust	>5m			
Phanerophytes	Viburnum	<5m			
Level	Dogwood	<5m			
Well drained	Rose	<5m			
	Rubus	<5m			

Comments:

Next to golf course. Dense understory including jewelweed.

Unit: 822
Acreage: 0.25
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Northern red cedar	>5m	Exotic	Sports	Trash
Decid.w/evergreen	Norway spruce	>5m	Build remains	Foot traffic	
Phanerophytes	American sycamore	>5m			
Level	Red maple	<5m & >5m			
Well drained	Black locust	<5m & >5m			
	Crab apple	<5m			

Comments:

Mixed unit. Other species including: black cherry, jewelweed, rose, wild grape, mugwort, and goldenrod. Presence of planted species indicates possible existence of a homestead.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 823
Acreage: 2.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	<5m & >5m	Fence	Foot traffic	Dumping
Deciduous	Ash	<5m & >5m	Exotic		Trash
Phanerophytes	Sweetgum	>5m	Other		
Undulating	Hickory	>5m			
Wet	Black cherry	<5m & >5m			
	Pin oak	>5m			

Comments:

Moist to wet wooded area along stream. Ground cover is thin downstream but dense upstream. Other species: spicebush, skunk cabbage, lichens, Viburnum and false Solomon's seal.

Unit: 824
Acreage: 0.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Jewelweed	<5m		Foot traffic	Trash
	Wild grape	<5m			
Therophytes	Lobelia	<5m			
Level	Sassafras	<5m			
Well drained	Rubus	<5m			
	Goldenrod	<5m			

Comments:

Opening in canopy of forest. Other vegetation includes aster, Virginia knotweed, pokeweed, Ailanthus, and rose.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 825
Acreage: 0.76
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	>5m	Drain ditch	Foot traffic	Trash
Deciduous	Hickory	<5m & >5m			
Lianas	Black walnut	>5m			
Level	Wild grape	<5m & >5m			
Well drained	Bittersweet	<5m			
	Honeysuckle sp.	<5m			

Comments:

Many trees species with some vines. Area is wet near the drainage ditch along the northern border. Other species: ash, pin oak, sweetgum, American elm, red maple, tulip poplar, black tupelo, rose, sumac, spicebush, Virginia creeper, poison ivy, catbrier, Rubus, goldenrod, white snakeroot, and Virginia knotweed.

Unit: 826
Acreage: 0.46
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Hickory	>5m	.	Foot traffic	
Deciduous	Ailanthus	>5m			
Chamaephytes	Black locust	>5m			
Level	Rubus	<5m			
Well drained	Sumac	<5m			
	Jewelweed	<5m			

Comments:

Sparse woodland with dead and dying Ailanthus trees; understory is predominantly Rubus and jewelweed by appearance. Also, there is some Japanese honeysuckle, dogwood, rose, and black cherry saplings.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 827
Acreage: 0.19
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m		Foot traffic	
Deciduous	Sweetgum	<5m & >5m			
Phanerophytes	Black locust	>5m			
Slope	Hickory .	<5m & >5m			
Well drained					

Comments:

Some dead Ailanthus present. Ground vegetation consists of: bittersweet, Virginia creeper, false Solomon's seal, day lily, lily species, cool season grasses, Virginia knotweed, violet, and periwinkle.

Unit: 828
Acreage: 22.67
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Spikegrass	<5m			
	Blackgrass	<5m			
Geophytes	Glasswort	<5m			
Level					
Wet					

Comments:

Typical high marsh except that there is an abundance of glasswort. Some flotsam near edge.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 829
Acreage: 29.16
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Phragmites	<5m			
Geophytes					
Level					
Moist					

Comments:

Other scattered species include salt meadow fleabane, marsh elder, and black grass.

Unit: 830
Acreage: 6.95
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			Fire
Chamaephytes					
Level					
Moist					

Comments:

Other species include blackgrass, spikegrass, salt meadow cordgrass, and salt meadow fleabane.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 831
Acreage: 0.78
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	<5m			
Deciduous	Buckthorn	<5m			
Lianas	Black cherry	<5m			
Slope	Pin oak	<5m			
Well drained	Mulberry spp.	<5m			
	Smooth sumac	<5m			

Comments:

Narrow woodland strip along railroad. Other species: Phragmites, cottonwood, American Sycamore, black tupelo, wild grape, dogwood, jewelweed, and goldenrod.

Unit: 832
Acreage: 5.10
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			
Deciduous	Switchgrass	<5m			
Chamaephytes	Salt mdw cordgrass	<5m			
Level	Blackgrass	<5m			
Well drained	Wild asparagus	<5m			
	Goldenrod	<5m			

Comments:

Small pocket of marsh elder within high marsh.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 833
Acreage: 0.83
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	<5m & >5m	Foundation	Foot traffic	Fire
Deciduous	Black oak	<5m & >5m	Boardwalk		Trash
Phanerophytes	Mockernut hickory	<5m & >5m			
Slope	Sassafras	<5m			
Well drained	Black locust	>5m			
	American chestnut	<5m & >5m			

Comments:

Diverse, densely vegetated woodland. A lot of regeneration, specifically Sassafras. Other species: Black tupelo, black cherry, red maple, pin oak, buckthorn, smooth sumac, wild grape, rose, spicebush, dogwood, cool season grasses, and ferns.

Unit: 834
Acreage: 3.84
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m		Foot traffic	Trash
Deciduous	Chestnut oak	<5m & >5m			
Phanerophytes	White oak	<5m & >5m			
Level	Sassafras	<5m			
Well drained	Black cherry	<5m			
	Red oak	>5m			

Comments:

Mixed age oak stand with dense regeneration and cool season grasses. Other vegetation includes bayberry and blueberry.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 835
Acreage: 0.23
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	<5m & >5m			Trash
Deciduous	White oak	<5m & >5m			
Phanerophytes	Sassafras	<5m			
Slope	Black oak	<5m			
Well drained	Dogwood	<5m & >5m			

Comments:

Scattered mature oaks. Understory is dominated by 2-5 foot tall Sassafras seedlings. Few herbaceous plants present.

Unit: 836
Acreage: 1.07
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m		Fireplace	Fire
Deciduous	Red oak	<5m & >5m		Foot traffic	Trash
Phanerophytes	Sassafras	<5m & >5m			
Knoll	Hickory	<5m & >5m			
Well drained					

Comments:

Recently burned unit with oak overstory and Sassafras understory. Ground cover is thin on the western side and becomes denser on the eastern side. Other species: violet, Virginia creeper, spotted evergreen, false Solomon's seal, and black cherry regeneration.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 837
Acreage: 2.11
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Auto access	Dumping
Deciduous	Ailanthus	<5m & >5m		Foot traffic	Trash
Lianas	Black cherry	>5m			
Slope	Oak-pin/swamp white	>5m			
Well drained	Mulberry	<5m & >5m			
	Witch hazel	>5m			

Comments:

Diverse unit along road. Lianas include: wild grape, poison ivy, Virginia creeper, Japanese honeysuckle, bittersweet, deadly nightshade. Other species: cool season grasses, goldenrod, mugwort, and Queen Anne's lace.

Unit: 838
Acreage: 0.35
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	<5m & >5m	Fence	bridle path	
Deciduous	Shagbark hickory	<5m & >5m			
Phanerophytes	Sassafras	<5m & >5m			
Undulating	Green ash	<5m			
Moist	Grey birch	<5m & >5m			
	Dogwood	<5m			

Comments:

Closed forest with more saplings than in unit 499. A few open areas; ash snags present. Other vegetation includes: elderberry, Viburnum, goldenrod, wild grape, Virginia creeper, jewelweed, and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 839
Acreage: 4.98
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m	Blazd trial	Foot traffic	Fire
Deciduous	Red oak	<5m & >5m			Dumping
Phanerophytes	Post oak	<5m & >5m			Trash
Level	Hickory	<5m			
Well drained	Black locust	<5m			
	Sassafras	<5m			

Comments:

Large area of tree regeneration probably due to fire. Some older trees scattered throughout the unit, specifically along the perimeter. Ground cover is thin and sparse with Rubus, rose, Virginia knotweed, Indian pipe, and regeneration. Some rock outcrops present; a lot of animal burrows and scratches.

Unit: 840
Acreage: 0.38
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m		Foot traffic	Trash
Deciduous	Black locust	<5m & >5m			
Phanerophytes	Red oak	>5m			
Slope	Hickory	<5m			
Well drained					

Comments:

Some scattered large oaks within black cherry-black locust forest. Much black cherry regeneration. Ground cover is thin and sparse with Virginia creeper, Rubus, false Solomon's seal, aster, and spotted wintergreen.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 841
Acreage: 1.64
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5m & >5m	Paved path	Foot traffic	Dumping
Deciduous	Black locust	<5m & >5m			Trash
Chamaephytes	Sassafras	<5m & >5m			
Slope	Black walnut	>5m			
Well drained	Viburnum	<5m			
	Ailanthus	<5m & >5m			

Comments:

Closed forest of pioneer species listed above. Regeneration is much less than adjacent units 839 and 840, it is predominantly black cherry. Ground cover is denser along paved path, thinner along slope. Other species: Rubus, Viburnum, false Solomon's seal, Virginia creeper, and aster.

Unit: 842
Acreage: 0.47
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Bitternut hickory	<5m & >5m		Foot traffic	Trash
Deciduous	Red oak	<5m			
Lianas	Black cherry	<5m & >5m			
Undulating					
Well drained					

Comments:

Unit is comprised of larger and older trees than adjacent units. This is possibly due to the following reasons: little disturbance when footpath was put in area and/or fire from unit 839 did not spread this far. Other species include: Rubus, Virginia creeper and Japanese honeysuckle.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 843
Acreage: 1.05
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	<5m & >5m	Fence	Foot traffic	Dumping
Deciduous	Pin oak	>5m	Full-crown		Trash
Phanerophytes	Red oak	>5m	Drain ditch		
Undulating	Bitternut hickory	<5m & >5m			
Well drained	Black cherry	<5m & >5m			
	Black walnut	>5m			

Comments:

Formerly disturbed area with introduced species of mulberry, day lily, osage orange, Norway maple, and dogwood. Understory is very dense and impenetrable due to the abundance of dogwood, Rubus, Viburnum, and osage orange. Other species: crab apple, hemlock, Jack-in-the-pulpit, poison ivy, and aster.

Unit: 844
Acreage: 0.18
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m	Exotic	Foot traffic	Trash
Deciduous	Black cherry	<5m & >5m			
Phanerophytes	Black locust	>5m			
Undulating	Pin oak	<5m & >5m			
Well drained	Norway maple	<5m & >5m			

Comments:

Mixture of species from all adjacent units--transitional zone. Some dying crab apple present; ground cover is thin. Other species: Japanese honeysuckle, poison ivy, bittersweet, garlic mustard, and Viburnum.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 845
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m			
Deciduous	Hickory	>5m			
Hemicryptophytes	False nettle	<5m			
Level	Goldenrod	<5m			
Moist	Phragmites	<5m			
	Jewelweed	<5m			

Comments:

Small unit with one pin oak and one hickory. Ground cover is dense herbaceous vegetation due to opening in surrounding canopy. Some snags present.

Unit: 846
Acreage: 0.22
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>5m	Parking lot	Auto access	Dumping
Deciduous	White oak	>5m		Foot traffic	Trash
Lianas	Hickory	<5m			Cars
Level	Ailanthus	<5m & >5m			
Well drained	Apple	>5m			
	Bittersweet				

Comments:

Abandoned parking lot and surrounding vegetation. Species include: wild grape, Japanese honeysuckle, Virginia creeper, poison ivy, Rubus, goldenrod, cool season grasses and mugwort.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 847
Acreage: 1.37
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m	Paved path	Foot traffic	Trash
Deciduous	Black cherry	<5m & >5m			Cut trees
Phanerophytes	Red oak	>5m			
Level	Pin oak	>5m			
Well drained	Hickory	<5m & >5m			
	Mulberry	>5m			

Comments:

Disturbed area between the Hutchinson River Parkway and the high marsh. Other species: Japanese honeysuckle, deadly nightshade, Virginia creeper, white snakeroot, avens, poison ivy, dogwood, jewelweed, Viburnum, and mulberry.

Unit: 848
Acreage: 0.89
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	<5m & >5m	Paved path	Foot traffic	
Deciduous	Black oak	<5m & >5m			
Phanerophytes	Red oak	<5m & >5m			
Undulating	Ailanthus	<5m			
Well drained	Bittersweet	<5m			

Comments:

Closed forest with a great deal of regeneration; also an abundance of lianas. Other species: Virginia creeper, wild grape, dogwood, poison ivy, Japanese honeysuckle, smooth sumac, Rubus, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 849
Acreage: 0.95
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	<5m & >5m	Paved path	Foot traffic	
Deciduous	Red oak	<5m & >5m			
Hemicryptophytes	Black oak	<5m & >5m			
Undulating	Hickory	<5m & >5m			
Well drained	White snakeroot	<5m			
	Joe-Pye weed	<5m			

Comments:

Closed forest with herbaceous understory. Some regeneration in certain spots--especially near the center of the unit where a snag created a clearing. Other species: Virginia creeper, Rubus, poison ivy, and dogbane.

Unit: 850
Acreage: 0.02
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sesame grass	<5m			
Geophytes					
Level					
Well drained					

Comments:

Small patch of sesame grass. Other herbaceous vegetation scattered throughout.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 851
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Sumac	<5m			
Deciduous	Sassafras	<5m			
Phanerophytes	River birch	>5m			
Level	Black locust	>5m			
Moist	Green ash	<5m			

Comments:

Small area within unit 499. Moist place with an abundance of sumac, few individual trees.

Unit: 852
Acreage: 0.48
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory	<5m & >5m			
Deciduous	Ash	>5m			
Phanerophytes	Black cherry	<5m & >5m			
Slope	Black locust	<5m & >5m			
Well drained	Black walnut	>5m			
	Mulberry	<5m & >5m			

Comments:

Other species include Sassafras, Ailanthus, pin oak, Rubus, pokeweed, poison ivy, rose, bittersweet, wild grape, goldenrod, elderberry, deadly nightshade, Virginia creeper, and jewelweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 853
Acreage: 0.08
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5m			
Deciduous	Grasses	<5m			
Chamaephytes	Dogwood	<5m			
Level	Sassafras	<5m			
Well drained	Goldenrod	<5m			

Comments:

Small unit near fairway, virtually impenetrable due to Rubus growth.

Unit: 854
Acreage: 1.17
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	<5m & >5m	Fence		
Deciduous	Red maple	>5m			
Phanerophytes	Mulberry	>5m			
Slope	Sassafras	>5m			
Well drained	Green ash	<5m & >5m			
	Black cherry	<5m & >5m			

Comments:

Mixed deciduous forest between fairway and Hutchinson River Parkway. Other species: black walnut, hemlock, elderberry, dogwood, spicebush, Virginia creeper, poison ivy, rose, wild grape, Virginia Knotweed, jewelweed and aster.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 855
Acreage: 0.58
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red maple	>5m	Fence		
Deciduous	Mulberry	<5m & >5m			
Lianas	Black cherry	>5m			
Slope	Wild grape	<5m & >5m			
Moist	Ash	>5m			

Comments:

Wild grape affecting unit to some extent. Moist area extending from fairway to "pond" near Hutchinson River Parkway.

Unit: 856
Acreage: 0.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m	Fence Stone wall		
Deciduous	American beech	>5m			
Phanerophytes	Sweet birch	>5m			
Slope	Swamp white oak	>5m			
Moist	Sassafras	<5m & >5m			
	Hickory	>5m			

Comments:

Ailanthus along border of fairway; other trees on slope past fence. Variety of species in understory, such as, bittersweet, garlic mustard, Japanese honeysuckle, Virginia knotweed, and jewelweed; also, muscle wood, spicebush, elderberry and rose.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 857
Acreage: 1.40
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m	Fence	Auto access	
Deciduous	Ailanthus	<5m & >5m	Stream	Bridle path	
Lianas	Mulberry	<5m & >5m			
Slope	Sassafras	>5m			
Well drained	Black cherry	>5m			
	Bittersweet	<5m & >5m			

Comments:

Woodland with an abundance of bittersweet between golf course and Hutchinson River Parkway exit to I-95. Many birds noted.

Unit: 858
Acreage: 0.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sassafras	<5m	Fence		
Deciduous					
Phanerophytes					
Level					
Moist					

Comments:

Homogeneous stand of Sassafras saplings; some Rubus and Virginia knotweed present.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 859
Acreage: 0.93
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	<5m & >5m		bridle path	Dumping
Deciduous	Shagbark hickory	<5m & >5m			Trash
Phanerophytes	Ailanthus	<5m & >5m			
Slope	Green ash	>5m			
Well drained	American elm	<5m & >5m			
	Hawthorn	<5m			

Comments:

Diverse unit near Hutchinson River Parkway; multiple bridle paths meander through unit. Other species: elderberry, sumac, dogwood, Viburnum, spicebush, Virginia creeper, Japanese honeysuckle, mugwort, and other herbs.

Unit: 860
Acreage: 0.99
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Hawthorn	<5m		Auto access	
Deciduous	Pin oak	<5m & >5m		bridle path	
Phanerophytes	Black locust	>5m			
Slope	Sweetgum	>5m			
Moist	Wormwort	<5m			
	Grasses	<5m			

Comments:

Most of unit is open with lots of wormwort; trees and shrubs scattered throughout the area. Woodland is emergent here. Other shrubs include rose and sumac. Ground vegetation consists of giant ragweed, goldenrod, Queen Anne's lace, thistle, and milkweed.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 861
Acreage: 0.82
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Sedge	<5m	Drain pipe	bridle path	
	Phragmites	<5m			
Geophytes	Water plantain	<5m			
Slope	Grasses	<5m			
Wet	Lettuce	<5m			
	Duckweed	<5m			

Comments:

Wet area with drain that catches runoff from the Hutchinson River Parkway and the golf course. Bridle path along edge, formerly through unit. Some snags present.

Unit: 862
Acreage: 0.87
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m	Split rock	Foot traffic	Dumping
Deciduous	Black cherry	<5m & >5m			Trash
Lianas	Mulberry	>5m			Construction
Slope	Hawthorn	>5m			
Well drained	Ailanthus	<5m & >5m			
	Sassafras	>5m & <5m			

Comments:

Area between the Hutchinson River Parkway and the exit ramp to I-95. Two retaining walls are in unit. At the time of entitation, construction on exit ramp was creating a disturbance in the area. Other species: white snakeroot, rose, Viburnum, bittersweet, wild grape, Japanese honeysuckle, poison ivy, catbrier, and American elm.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 863
Acreage: 0.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Mugwort	<5m		Foot traffic	Trash
	Black locust	<5m			Construction
Phanerophytes	Ailanthus	<5m			
Level	Goldenrod	<5m			
Well drained	Rose	<5m			
	Bittersweet	<5m			

Comments:

Open area along Hutchinson River Parkway, probably open due to presence of large signpost. Other species: Queen Anne's lace, chicory, clover, and evening primrose.

Unit: 864
Acreage: 1.19
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	<5m & >5m		Foot traffic	Trash
Deciduous	Crab apple	>5m			Construction
Hemicryptophytes	White ash	<5m			
Level	Bayberry	<5m			
Well drained	Goldenrod	<5m			
	Cool season grass	>5m			

Comments:

Area adjacent to Hutchinson River Parkway exit ramp. Other species: New England aster, Viburnum, mugwort, rose, black cherry, Queen Anne's lace, and chicory.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 865
Acreage: 0.88
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	<5m & >5m			
Deciduous	Sweetgum	<5m & >5m			
Phanerophytes	Pin oak	<5m & >5m			
Undulating	Ash	<5m & >5m			
Moist	Eastern cottonwood	<5m & >5m			
	Grey birch	<5m & >5m			

Comments:

Moist forest located along stream. Grey birch tends to grow along stream bank. Ground cover is thin and consists of garlic mustard, Virginia knotweed, poison ivy, goldenrod, rose, aster, and regeneration.

Unit: 866
Acreage: 0.97
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5m & >5m			
Deciduous	White oak	<5m & >5m			
Phanerophytes	Hickory	<5m & >5m			
Undulating	Black locust	>5m			
Well drained	Black cherry	<5m			
	Spicebush	<5m			

Comments:

Closed forest adjacent to bridle path. Much regeneration where there are openings in the canopy. Other species: ash, jewelweed, garlic mustard, aster, and goldenrod.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 867
Acreage: 1.31
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m			
Deciduous	Black locust	>5m			
Phanerophytes	Black cherry	<5m & >5m			
Undulating	Red oak	<5m & >5m			
Well drained	White oak	<5m & >5m			
	Sweetgum	<5m & >5m			

Comments:

Closed forest with a lot Ailanthus regeneration. Other species regeneration includes red maple, oak, ash, and American elm.

Unit: 868
Acreage: 0.78
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	>5m		Sports	Trash
Deciduous	Sweetgum	<5m & >5m		Foot traffic	Railroad
Phanerophytes	White oak	>5m			
Level	Pin oak	>5m			
Moist	American beech	<5m & >5m			
	Red oak	>5m			

Comments:

Area at base of slope. Little or no ground cover; abundance of leaf litter. Other species: tulip poplar, black birch, Viburnum, and ferns.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 869
Acreage: 2.35
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	<5m & >5m	Culvert	Sports	Dumping
Deciduous	Red maple	<5m & >5m		Foot traffic	Trash
Phanerophytes	American beech	<5m & >5m			
Level	Tulip poplar	<5m & >5m			
Moist	Oak spp.	<5m & >5m			
	Spicebush	<5m			

Comments:

Area between northern edge of Pelham golf course and Westchester County line. Many garden escapes from adjacent backyards, such as, junipers, ivy species, and rose-of-Sharon. Other species: ash, jewelweed, Devil's walking stick, black birch, garlic mustard, aster, and ferns.

Unit: 870
Acreage: 2.92
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Terrest. Herb	Lawn-type-grasses	<5m	Fence	Auto Access	Dumping
	Ailanthus	>5m		bridle path	Construction
Hemicryptophytes	Sweetgum	>5m			
Slope	Oak	>5m			
Well drained	Hickory	>5m			
	Grey birch	>5m			

Comments:

Strip between I-95 and fence along northern edge of Split Rock Golf Course. Recent reconstruction has changed the environs--trees have been removed, the slope regraded, and the bridle path somewhat moved. Trees are few and mostly along fence.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 871
Acreage: 4.65
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>5m	Road	Auto Access	Dumping
Deciduous	Ailanthus	<5m & >5m	Fence	bridle path	Trash
Phanerophytes	Crab apple	>5m	Exotic planting		Construction
Slope	Black locust	>5m			
Well drained	Apple	>5m			
	Red oak	>5m			

Comments:

Diverse species intermixed along wide strip between I-95 and the Hutchinson River Parkway. Trees make up approximately 40% of the coverage; open grass and herbs the rest. Other species: sweetgum, black cherry, willow, American elm, mulberry, hawthorn, mugwort, goldenrod, rose, bittersweet, poison ivy, sumac, and Rubus.

Unit: 872
Acreage: 2.96
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m	Landfill	Auto Access	Fire
Deciduous	Black locust	>5m		Fireplace	Trash
Phanerophytes	Mulberry	>5m			
Slope	Pin oak	>5m			
Well drained	Black cherry	<5m & >5m			
	Swamp white oak	>5m			

Comments:

Strip along the Hutchinson River Parkway, parts of which were land-filled during construction. Oak are large; other species small. Area possibly mowed up to 10-12 years ago. Other species: black oak, grey birch, cool season grasses, garlic mustard, mugwort, bittersweet, and Virginia creeper.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 873
Acreage: 0.26
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>5m		Picnic	Fire
Deciduous	Black cherry	>5m			Trash
Phanerophytes	Mulberry	>5m			
Knoll	Ailanthus	<5m & >5m			
Moist	Pin oak	>5m			
	Pignut hickory	>5m			

Comments:

Unit is marsh, trees stunted in growth, no taller than 25 feet. Elderberry and groundsel tree interspersed throughout. Ground vegetation varies with white snakeroot, Rubus, cool season grasses, and goldenrod.

Unit: 874
Acreage: 1.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>5m	Hedgerow	Hunting	Fire
Deciduous	White oak	<5m & >5m	Full-crown		Trash
Phanerophytes	Black cherry	<5m & >5m			
Knoll	Post oak	<5m & >5m			
Moist	Quacking aspen	<5m			
	Black oak	>5m			

Comments:

In the middle of marsh, large white oaks in line. Understory is leaf litter in center; otherwise, there is elderberry, white snakeroot, cool season grasses, nightshade, Rubus, low sweet blueberry, smooth sumac, groundsel tree, swamp white oak, red oak, and mulberry. More black cherry regeneration than oak.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 875
Acreage: 0.33
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Shining sumac	<5m			Trash
Deciduous	Quaking aspen	<5m & >5m			
Phanerophytes	Pin oak	>5m			
Level	Ailanthus	<5m & >5m			
Moist	Black cherry	>5m			
	Smooth sumac	<5m			

Comments:

Small unit near woodland in middle of marsh; mostly sumac with tree species intermixed. Other species: groundsel tree, elderberry, bayberry, goldenrod, cool season grasses, marsh elder, and nightshade.

Unit: 876
Acreage: 2.15
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	<5m & >5m	Landfill	Auto Access	Dumping
Deciduous	Phragmites	<5m	Fence		Trash
Geophytes	Mulberry	<5m			
Slope	Black cherry	<5m			
Moist	Smooth sumac	<5m			

Comments:

Strip along Hutchinson River Parkway, parts of which were land-filled during construction. Other species: green ash, red oak, silver maple, American elm, wild grape, moonseed, Rubus, pokeweed, etc.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 877
Acreage: 0.19
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Smooth sumac	<5m			
Deciduous	Dogwood spp.				
Phanerophytes	Wild grape				
Slope	Cool season grass				
Well drained	Goldenrod				

Comments:

Predominantly smooth sumac growing adjacent to high marsh. Other species listed above.

Unit: 878
Acreage: 0.50
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hawthorn	>5m	Fence	Foot traffic	Dumping
Deciduous	Black cherry	>5m	Exotic planting		Trash
Lianas	Bittersweet	<5m & >5m	Retaining wall		
Slope	Ailanthus	<5m & >5m			
Excess drained	Mulberry	<5m			
	Wild grape	>5m & <5m			

Comments:

Built up area by Hutchinson River Parkway and Orchard Beach Road. A paved path is present with remains of a fence. Hawthorn and lianas create a layer that is almost impenetrable to light; therefore, there is little ground cover. Species include; violet, goldenrod, white snakeroot, poison ivy, crab apple, and shining sumac.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 879
Acreage: 1.54
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Willow	>5m		Foot traffic	Dumping
Deciduous	Shining sumac	<5m			Trash
Lianas	Smooth sumac	<5m			
Slope	Black locust	<5m & >5m			
Well drained	Black cherry	<5m & >5m			
	Wild grape	>5m & <5m			

Comments:

Dense, diverse unit. Formerly disturbed area probably due to foot traffic. Paved path--previously two of them, now one----becoming overgrown. Other species: bittersweet, mulberry, crab apple, oak spp., goldenrod, white snakeroot, elderberry, Japanese honeysuckle, Virginia creeper, hawthorn, Viburnum, and Ailanthus.

Unit: 880
Acreage: 0.19
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Japanese sophora	<5m & >5m			Trash
Deciduous	Linden	>5m			
Lianas	Hawthorn	>5m			
Slope	Black cherry	<5m & >5m			
Well drained	Mulberry	<5m & >5m			
	Bittersweet	>5m			

Comments:

Area along exit ramp most likely planted and maintained at one time. A lot of sophora regeneration. Other species: wild grape, Japanese honeysuckle, goldenrod, pokeweed, rose, and mugwort.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 881
Acreage: 2.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>5m		Fireplace	Trash
Deciduous	Hickory	<5m & >5m		Foot traffic	
Phanerophytes	White oak	<5m & >5m			
Knoll	Post oak	<5m & >5m			
Well drained	Black cherry	<5m & >5m			
	Black locust	>5m & <5m			

Comments:

Knoll in Hutchinson River high marsh with very dense tree regeneration. Near the center, ground cover is primarily cool season grasses; this is most likely due to the amount of foot traffic since the main path leads to this area. More lianas are present on the northern edge, specifically catbrier. Post oak is on the southern edge, probably because of salt spray, etc. Rock outcrops present. Other species include: Sassafras, rose, bayberry, blueberry, Rubus and smooth sumac.

Unit: 882
Acreage: 0.66
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Marsh elder	<5m			
	Phragmites	<5m			
Chamaephytes	Spikegrass	<5m			
Level	Blackgrass	<5m			
Wet					

Comments:

Marsh elder shrubland that appears to be succeeding to an area of Phragmites. Adjacent areas are densely vegetated with Phragmites.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 883
Acreage: 0.62
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Groundsel tree	<5m		Foot traffic	
	Marsh elder	<5m			
Phanerophytes	Salt mdw cordgrass	<5m			
Level	Switchgrass	<5m			
Wet	Goldenrod	<5m			
	Phragmites	<5m			

Comments:

Not as water-logged as nearby units; therefore, groundsel tree is able to grow. This may also contribute to the unit's lack of spikegrass. Unit is located between a knoll and the "mainland".

Unit: 884
Acreage: 1.14
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5m & >5m		Foot traffic	Trash
Deciduous	Red oak	<5m & >5m			
Lianas	Hickory	<5m & >5m			
Slope	White oak	<5m & >5m			
Well drained	Black cherry	<5m & >5m			
	Bittersweet	<5m			

Comments:

Closed forest in between Hutchinson River Parkway and the exit ramp to I-95. Many lianas on the ground, especially where the canopy allows light to get through. Rock outcrops present. Other species: catbrier, poison ivy, Virginia creeper, Japanese honeysuckle, Ailanthus, and Sassafras.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 885
Acreage: 0.23
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>5m		Foot traffic	Dumping
Deciduous	Red oak	>5m			Trash
Phanerophytes	Black cherry	<5m & >5m			
Slope					
Well drained					

Comments:

Closed forest with dense black cherry regeneration. Rock outcrops present; little amount of ground cover includes false Solomon's seal.

Unit: 886
Acreage: 0.73
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	<5m & >5m		Foot traffic	Dumping
Deciduous	Pin oak	<5m & >5m			Trash
Lianas	Sassafras	<5m & >5m			
Slope	Black oak	<5m & >5m			
Well drained	Bittersweet	<5m & >5m			
	Wild grape	>5m & <5m			

Comments:

Disturbed area; perimeter of closed forest in between Hutchinson River Parkway and exit ramp to I-95. This accounts for unit's diversity, amount of lianas present, and tree regeneration. Paved path along edge of unit. Other species: smooth sumac, Japanese knotweed, white oak, hickory, hemlock, Rubus, and poison ivy.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 887
Acreage: 2.79
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m	Fence	Fireplace	Dumping
Deciduous	Black cherry	<5m & >5m		Sports	Trash
Phanerophytes	Black oak	<5m & >5m		Foot traffic	
Level	White oak	<5m & >5m			
Well drained	Hickory	<5m & >5m			

Comments:

Highly disturbed area along Pelham Parkway as indicated by species diversity and the presence of exotics. Unit goes up to water; there is a stone wall along the perimeter. Other species: honey locust, American elm, sycamore maple, field maple, black walnut, mulberry, Sassafras, Ailanthus, white snakeroot, and elderberry.

Unit: 888
Acreage: 0.23
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	<5m & >5m		Foot traffic	Dumping
Deciduous	Black cherry	<5m			Trash
Phanerophytes	Black oak	<5m & >5m			Excavation
Undulating	Hickory	<5m			
Well drained	Ailanthus	<5m			

Comments:

Some form of excavation was done in this unit. Black cherry regeneration in a well-established black locust stand; Ailanthus growing in an area that has been gouged out. Rock outcrops present. Other species: Japanese honeysuckle, false Solomon's seal, poison ivy, white snakeroot, Virginia knotweed, garlic mustard, and Rubus.

Pelham Bay Park Entitation Unit Descriptions, Surveyed March 1986

Unit: 889
Acreage: 3.04
Mgmt. Concern: No

<u>Site:</u>	<u>Species</u>	<u>Height</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Mulberry spp.	>5m	Hydrants	Horses	Trash
Deciduous	Ailanthus	<5m & >5m	Exotics	Foot traffic	
Hemicryptophytes	Black locust	>5m			
Level	Mugwort	<5m			
Well drained	Bittersweet	<5m & >5m			
	Sycamore maple	>5m & <5m			

Comments:

Disturbed area adjacent to Pelham Parkway and landfill. Other species: pin oak, hickory, American elm, hawthorn, American sycamore, willow, smooth sumac, Phragmites, Rubus, cool season grasses, poison ivy, and goldenrod.

APPENDIX: 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 100in 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, grasslike plants, and herbaceous plants are predominant. Woody plants may be sparingly present, but cover less than 30% of area.

Intertidal Communities: 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. Its 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.