

# **FRESH POND NATURE PRESERVE:** **MANAGEMENT PLAN**

Prepared by Tim Sullivan, Dana Smith and Rick Whalen

for

Management Plan Subcommittee of the  
Town's Nature Preserve Committee

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Gene Makl, Bill Lundin, Heather Anderson, Rameshwar Das

Date: May 2004



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# **I. INTRODUCTION**

## **Name and Ownership**

The Town of East Hampton created the Fresh Pond Nature Preserve by Town Board Resolution No. 454 dated April 16, 1993. The Fresh Pond Nature Preserve, SCTM # 300-127-1-1.1 (116.9 ac.). There are 102.2 acres of marsh, bog and mixed woods. This Preserve includes a 14.7-acre coastal pond, which is owned by The East Hampton Town Trustees.

## **Location and Size**

Fresh Pond Nature Preserve consists of 116.9 acres bounded by Fresh Pond Road on the south, Cross Highway to Devon on the west and southwest, and Alberts Landing Road on the north and Gardiner's Bay on the east. A picnic area is behind the parking lot and north of Little Alberts Landing Road. Alberts Landing Road ends at a parking lot abutting Gardiner's Bay and a Town beach with picnic area behind the parking lot and south of Alberts Landing Road. On the south side of the Preserve, along the inlet and north of Fresh Pond Road, is a Town picnic area and volleyball field. These picnic areas and the volleyball field are maintained by the Town Department of Parks and Recreation. (See **Aerial/GPS Trail Map and GPS Map – Fresh Pond Recreational Area in Appendix/Articles II & III**)

## **Reasons for Nature Preserve Designation**

Fresh Pond was designated a Nature Preserve due to its ecologically rich and diverse flora and fauna, as well as being environmentally sensitive. There is concern that the area might be rich in Native America artifacts. The pond has been a shellfish fishery and a stop over for ducks during winter storms. Fresh Pond is used by hikers, deer hunters, water fowlers and small game hunters. These historic users support the Nature Preserve and its enjoyment by all the residents of East Hampton.

## **History**

The Town of East Hampton was given the land comprising the Fresh Pond Nature Preserve by Dr. Dennistoun M. Bell in May 1953. The property had been part of what is now known as the Bell Estate. Dr. Bell owned more than 500 acres as part of his estate. Prior to the gift of land, Alberts Landing Road had been a public road through the Bell Estate. Dr. Bell gave the land so that Alberts Landing Road could be rerouted to its present location with the remaining land used as a park in perpetuity by East Hampton residents. Dr. Bell began assembling the property in 1914. During that year Dr. Bell purchased 800 acres from 59 owners for \$60,000.

## II. DESCRIPTION OF SITE

The Fresh Pond Nature Preserve is named for the 14.7-acre coastal pond with an outlet to Gardener's Bay on its easterly side. The pond is bordered on the north by Little Alberts Landing Road, which bisects the property. The pond water is brackish and its shoreline has a narrow edge of salt marsh being rapidly invaded by phragmites. Freshwater streams enter the pond from the northwest and meander through a bog-like area and then mixes with saltwater from Gardiner's Bay, creating a brackish pond. As the inlet is in need of dredging, the water has become more brackish in recent years. A 1994 Town forest inventory by the Natural Resources Department described Fresh Pond's mixed wood forest as a mesic deciduous forest with American holly, tupelo and beech. According to the study, the frequency of Tupelo is due to the bottomland situation and the very mesic nature of the soil. The most dominant tree in Fresh Pond is the scarlet oak followed by the white oak. Fresh Pond had the oldest trees, averaging 69 years with three trees over 100 years. Fresh Pond has many big trees with overreaching canopies and the vertical structure is layered. The average tree height was 42.6 feet and the tallest, a white oak, 80 feet high. (A full list of flora and fauna appears in **Appendix/Article IV.**)

There are two marked trails in Fresh Pond one of which connects with the Paumanok Trail. Both trails are unmapped and need to be surveyed by the Natural Resources Department. There are two dirt roads into the Preserve, one blocked and the other used by baymen and recreational shell fishers and crabbers. The two jetties on the Gardiner's Bay side of the outlet were built in 1949.

On the southeast portion of the Nature Preserve is a pre-existing area, which includes picnic tables and grills, public rest rooms and a multi-purpose athletic field. (See **Aerial map in Appendix/Article II.**)

## III. MANAGEMENT GOALS AND ISSUES

The goals of the Preserve are the protection of rich and varied ecology and topography of the area for future generations while encouraging its historic uses of bathing, hunting, waterfowling and shellfishing, trapping, dog training and hiking and permitting 4-wheel drive access in permitted areas.

The pre-existing picnic area, playing field and rest rooms should remain under the control and jurisdiction of the Town Department of Parks and Recreation, which now maintains the pre-existing area, as well as issuing permits to Town residents for recreational use of the picnic and playing field areas.

## **IV. ACCESS**

There are four marked trail accesses to the Nature Preserve. One is about 100 feet west of the picnic area, two on Fresh Pond Road and one on Cross Highway to Devon. There is a 4-wheel drive access on Fresh Pond Road.

## **V. PERMITTED USES**

Passive Family Recreation

Shellfishing with East Hampton Town permit

Fishing

Bird Watching

Nature Studies

Hunting per DEC and East Hampton Town Regulations

Waterfowling per DEC and East Hampton Town Trustee Regulations

Trapping

Dog Training

Wildlife Restoration

Four-wheel drive vehicles in permitted areas

## VI. RESTRICTIONS

### **Restricted Activities**

Illegal off-road Vehicles (ORVS) per East Hampton Town Code

Digging and Artifact Recovery

Woodcutting

Removal of Vegetation

Dumping

Abandonment of pets and other domesticated animals

### **Signage and Enforcement of Restrictions**

East Hampton Nature Preserve signs, as designated by the Nature Preserve Committee and approved by the Town Board, shall be posted about the perimeter of the Preserve to notify the public of its Nature Preserve status. Signage shall also be placed at the primary access point, as well as other access points, identifying the Preserve for public use. Where required, signs must be posted citing Town Codes regulating parking, beach driving, shell fishing, hunting in progress, piping plover and least tern breeding areas.

### **Fines and Penalties**

All existing sections of the Town Code apply to this Preserve.

All fines and penalties should be assessed at the maximum amount.

## **VII. MAINTENANCE**

The Town's Nature Preserve enforcement staff must maintain regular patrols of the preserve to prevent dumping, encroachment and illegal use of trails and road.

The bathing areas, picnic areas, restrooms and volleyball field should remain under the management of the Department of Parks and Recreation.

The Town should organize and work with user groups for clean-up days within the preserve. The Town should organize an Adopt-a-Preserve program.

The members of the Nature Preserve committee should work with the Nature Preserve staff and take an active role in the oversight of the property and report activities and usage not allowed under the management plan.

## **VIII. RECOMMENDED IMPROVEMENTS**

The outlet channel to Gardiner's Bay should be dredged to improve water quality and improve crab and shellfish habitat.

The Nature Preserve staff should work more closely with the Town Trustees with regard to placement, marking and removal of duck blinds.

The existing trails must be mapped and approved by the Department of Natural Resources and Town Board per Chapter 182 of the East Hampton Town Code.

The 4-wheel drive access on Fresh Pond Road should have a sign indicating it is a launching area that East Hampton Town permit is required.

The historic marker at Fresh Pond should be moved several feet to the right so that it is next to the Paumanok Trail entrance.

The "Trail Hikers" sign should be moved from the closed access trail to the open trail on Cross Highway.

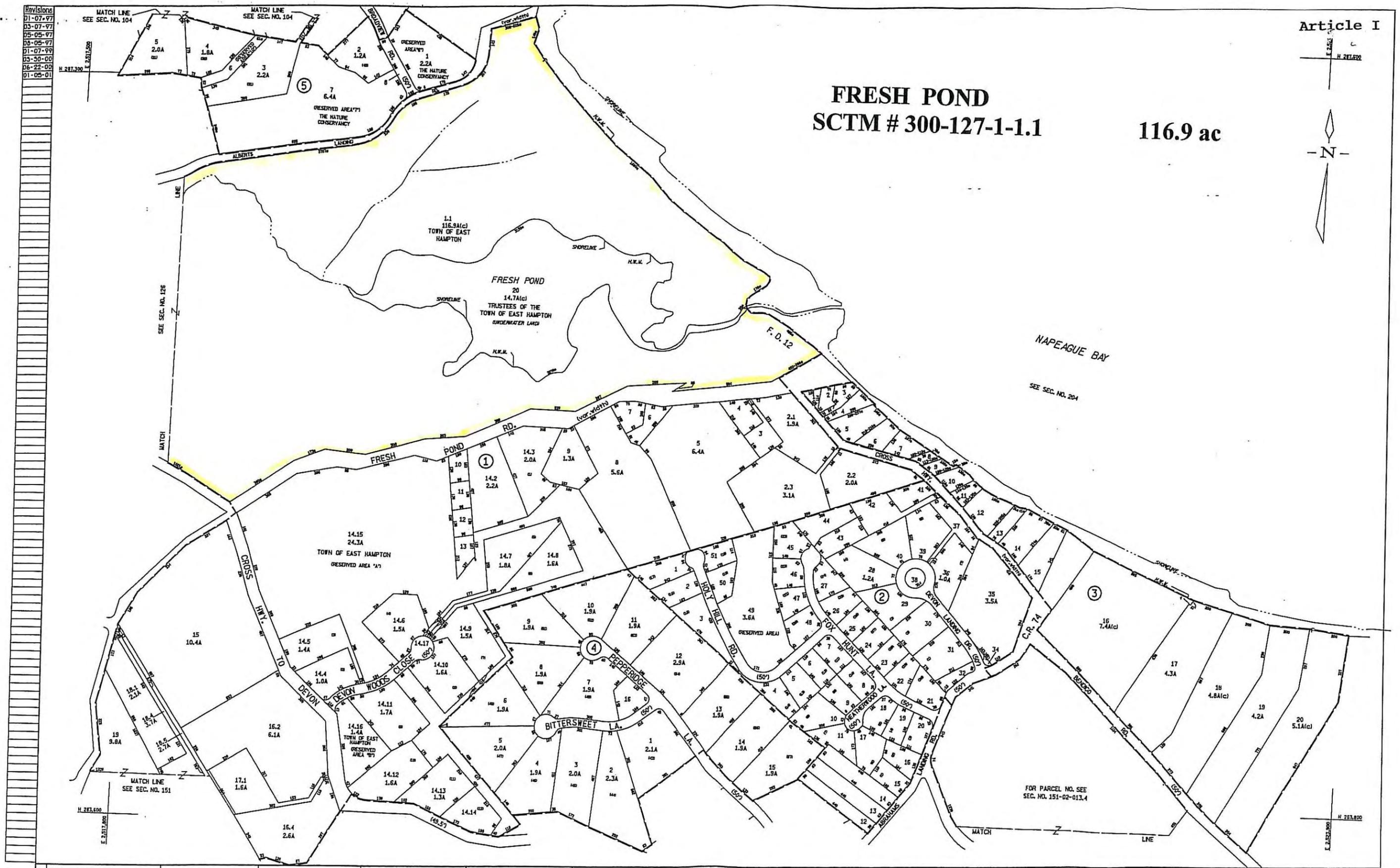
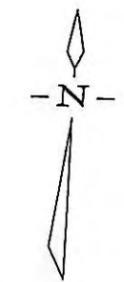
# **APPENDIX**

Revisions  
 01-07-97  
 03-07-97  
 05-05-97  
 06-05-97  
 01-07-99  
 03-30-00  
 06-22-00  
 01-05-01

Article I

FRESH POND  
 SCTM # 300-127-1-1.1

116.9 ac



LEGEND

Property or RT Line	Subdivision Lot No.	Block Unit	School District Line	Hydrant District Line	UNLESS DRAWN OTHERWISE, ALL PROPERTIES ARE WITHIN THE FOLLOWING DISTRICTS:
Districts Common Owner	Subdivision Block/Block No. (21)	Block No. (2)	Fire District Line	Urban District Line	SCHOOL 3
Subdivision Lot Line	Beed Observation	County Line	Water District Line	Metropolitan District Line	FIRE 12
Streets / Shores	Scaled Observation	Town Line	Light District Line	Municipal District Line	LIGHT
Parcel No. 23	Beed Area 12.1 A(c) or 12.1A	Water Line	Park District Line	Water District Line	REFUSE
	12.3 A(c)			Wastewater District Line	WASTEWATER

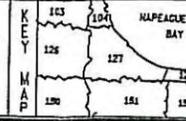
Subdivision Lot No.	Block Unit	School District Line	Hydrant District Line	UNLESS DRAWN OTHERWISE, ALL PROPERTIES ARE WITHIN THE FOLLOWING DISTRICTS:
Subdivision Block/Block No. (21)	Block No. (2)	Fire District Line	Urban District Line	SCHOOL 3
Beed Observation	County Line	Water District Line	Metropolitan District Line	FIRE 12
Scaled Observation	Town Line	Light District Line	Municipal District Line	LIGHT
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12.3 A(c)			Wastewater District Line	WASTEWATER

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12.3 A(c)			Wastewater District Line	WASTEWATER

NOTICE  
 MAINTENANCE, ALTERATION, SALE OR DISTRIBUTION OF ANY PORTION OF THE SUFFOLK COUNTY TAX MAP IS PROHIBITED WITHOUT WRITTEN PERMISSION OF THE REAL PROPERTY TAX SERVICE AGENCY.



COUNTY OF SUFFOLK  
 Real Property Tax Service Agency  
 County Center Riverhead, N.Y. 11901  
 SCALE IN FEET



TOWNSHIP OF EAST HAMPTON  
 VILLAGE OF  
 DISTRICT NO 0300

SECTION NO  
 127  
 PROPERTY MAP

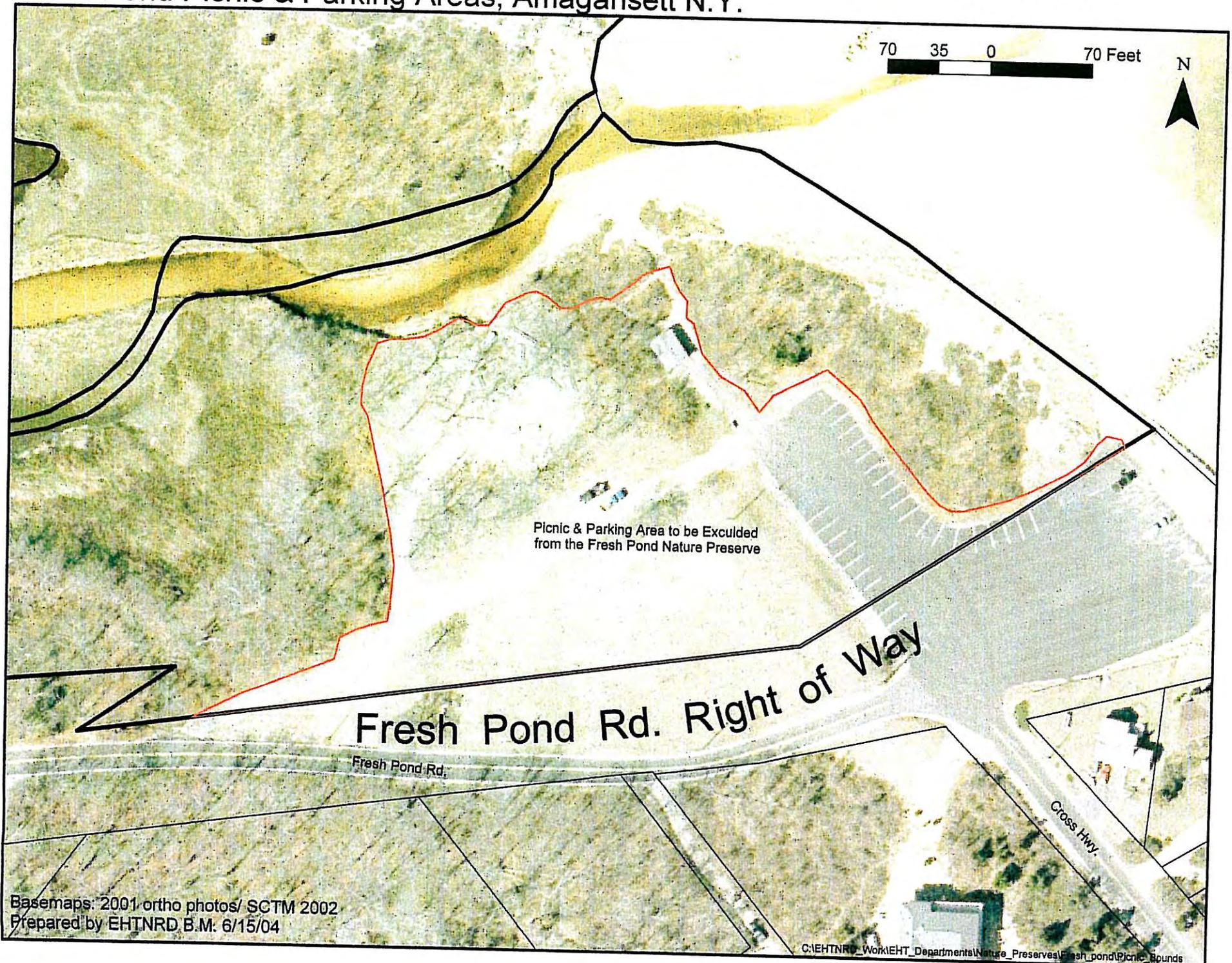
Revisions  
 05-12-00  
 07-20-00





# Fresh Pond Picnic & Parking Areas, Amagansett N.Y.

Article III



Picnic & Parking Area to be Excluded from the Fresh Pond Nature Preserve

Fresh Pond Rd. Right of Way

Fresh Pond Rd.

Cross Hwy.

Basemaps: 2001 ortho photos/ SCTM 2002  
Prepared by EHTNRD B.M: 6/15/04

FRESH POND FLORA AND FAUNA

Article IV

Flora:

<u>Common Name</u>	<u>Scientific Name</u>	<u>Where Found</u>	<u>NYS/Federal Native/Alien Status</u>
<b>Woody Species</b>			
American Beech	<i>Fagus grandifolia</i>	upland woods	N
American Holly	<i>Ilex opaca</i>	scattered in woods	N
Asiatic Bittersweet	<i>Celastrus orbiculatus</i>	scattered throughout	A
Basswood	<i>Tilia americana</i>	few, scattered	N
Beach Plum	<i>Prunus maritima</i>	dunes, wood edges	N
Bear Oak	<i>Quercus ilicifolia</i>	dunes, upper shores	N
Bigtooth Aspen	<i>Populus grandidentata</i>	scattered in woods	N
Black Cherry	<i>Prunus serotina</i>	dunes	N
Black Huckleberry	<i>Gaylussacia baccata</i>	scattered in dry areas	N
Black Oak	<i>Quercus velutina</i>	throughout woods	N
Catbriar	<i>Smilax rotundifolia</i>	throughout	N
Eastern Redcedar	<i>Juniperus virginiana</i>	wood edges, openings	N
Fox Grape	<i>Vitis labrusca</i>	scattered	N
Flowering Dogwood	<i>Cornus florida</i>	scattered throughout	N
Gray Birch	<i>Betula populifolia</i>	upland woods	N
Groundsel	<i>Baccharus halimifolia</i>	wetland edges	N
Highbush Blueberry	<i>Vaccinium corymbosum</i>	woods, freshwater wetlands	N
Japanese Black Pine	<i>Pinus thunbergii</i>	one found near bay	A
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	throughout upland woods	N
Mockernut Hickory	<i>Carya tomentosa</i>	upland woods	N
Multiflora Rose	<i>Rosa multiflora</i>	scattered	A
Northern Arrowwood	<i>Viburnum recognitum</i>	scattered in woods, edges	N
Northern Bayberry	<i>Myrica pensylvanica</i>	one found near bay	A
Norway Maple	<i>Acer platanoides</i>	scattered in woods, edges	N
Oblongleaf Shad	<i>Amelanchier canadensis</i>	upland woods	N
Pignut Hickory	<i>Carya glabra</i>	few near bay	N
Pitch Pine	<i>Pinus rigida</i>	dunes, wood edges	N
Post Oak	<i>Quercus stellata</i>	near water	N
Quaking Aspen	<i>Populus tremuloides</i>	few, scattered	N

<u>Common Name</u>	<u>Scientific Name</u>	<u>Where Found</u>	<u>Native/Alleg. Status</u>
Red Maple	<i>Acer rubrum</i>	few near bay	A
Russian Olive	<i>Elaeagnus angustifolia</i>	scattered in woods	N
Sassafras	<i>Sassafras albidum</i>	throughout upland woods	N
Scarlet Oak	<i>Quercus coccinea</i>	scattered in woods	N
Smooth Shad	<i>Amelanchier laevis</i>	freshwater wetlands	N
Swamp Azalea	<i>Rhododendron viscosum</i>	roadsides	A
Sweet Fern	<i>Myrica asplenifolia</i>	dry sandy edges	N
Tartarian Honeysuckle	<i>Lonicera tatarica</i>	freshwater wetland edges	N
Tupelo	<i>Nyssa sylvatica</i>	throughout upland woods	N
White Oak	<i>Quercus alba</i>	scattered in woods	N
Winged Sumac	<i>Rhus copallina</i>	openings, wood edges	N
Yew	<i>Taxus sp.</i>	one small plant	A

### Herbaceous Plants

American Beach Grass	<i>Ammophila breviligulata</i>	dunes, backshore	N
Beach Pea	<i>Lathyrus japonicus</i>	dunes, backshore	N
Bearberry	<i>Arctostaphylos uva-ursi</i>	roadside, openings	N
Blackberry	<i>Rubus alleghaniensis</i>	woods, wood edges	N
Black Grass	<i>Juncus gerardi</i>	upper wetland edge	N
Bracken Fern	<i>Pteridium aquilinum</i>	dry woodlands	N
Bush-clover	<i>Lespedeza violacea</i>	openings/roadside	N
Canada Frostweed	<i>Helianthemum canadense</i>	roadsides, wood edges	N
Canada Goldenrod	<i>Solidago canadensis</i>	roadside	N
Canada Rush	<i>Juncus canadensis</i>	freshwater wetlands	N
Cinnamon Fern	<i>Osmunda cinnamomea</i>	freshwater wetlands	N
Clubmoss	<i>Lycopodium obscurum</i>	woods	N
Common Catbrier/Greenbrier	<i>Smilax rotundifolia</i>	throughout	N
Common Cinquefoil	<i>Potentilla simplex</i>	woods	N
Common Dandelion	<i>Taraxacum officinale</i>	roadside	A
Common Evening Primrose	<i>Oenothera biennis</i>	dunes, backshore	N
Common Plantain	<i>Plantago major</i>	roadsides	A
Common Reed	<i>Phragmites communis</i>	wetlands	A
Common Saltwort	<i>Salsola kali</i>	shore	N
Common Sorrel (Sheep Sorrel)	<i>Rumex Acetosella</i>	roadside	A
Curly Dock	<i>Rumex crispus</i>	edge	A
Deertongue	<i>Panicum clandestinum</i>	roadside	N
Dusty Miller	<i>Artemisia stelleriana</i>	backshore	A
Dwarf Cinquefoil	<i>Potentilla canadensis</i>	woods	N
Field Pennycress	<i>Thlaspi arvense</i>	roadside	A

<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>	<u>HABITAT</u>	<u>INDICATIVE/OTHER</u>	<u>STATUS</u>
Fox Grape	<i>Vitis labrusca</i>	woods		N
Goldenrod	<i>Solidago spp</i>	roadside		N
Groundsel	<i>Baccharis halimifolia</i>	upper marsh, edges		N
Hyssop-leaved Eupatorium	<i>Eupatorium hyssopifolium</i>	sandysoils		N
Indian Pipe	<i>Monotropa uniflora</i>	woods		N
Japanese Honeysuckle	<i>Lonicera japonica</i>	roadside		A
Lichens	<i>Cladonia</i>	woods/shore		N
Little Bluestem Grass	<i>Schizachryium scoparium</i>	openings/roadside		N
Maram Grass	<i>Panicum amarum</i>	dunes, backshore		N
Mosses	<i>Various species</i>	woods		N
New York Fern	<i>Thelypteris noveboracensis</i>	wetland edges		N
Pasture Rose	<i>Rosa carolina</i>	edges		N
Pennsylvania Sedge	<i>Carex pennsylvanica</i>	woodlands, openins		N
Pipsissewa	<i>Chimaphila umbellata</i>	scattered groundcover		N
Poison Ivy	<i>Rhus radicans</i>	dunes, woods, wood edges		N
Purple Love Grass	<i>Eragrostis spectabilis</i>	roadside		N
Queen Anne's Lace/Wild Carrot	<i>Daucus carota</i>	roadside		A
Red-berry Chokeberry	<i>Aronia arbutifolia</i>	Wet woods		N
Rough-stemmed Goldenrod	<i>Solidago rugosa</i>	roadside		N
Royal Fern	<i>Osmunda regalis</i>	freshwater wetlands		N
Salt Marsh Hay	<i>Spartina patens</i>	tidal wetlands shore		N
Salt Spray Rose	<i>Rosa rugosa</i>	dunes, backshore		A
Sea Rocket	<i>Cakile edentula</i>	shore		N
Saltwater Cordgrass	<i>Spartina alternifolia</i>	intertidal marsh		N
Salicornia	<i>Salicornia spp.</i>	intertidal marsh		N
Seaside Goldenrod	<i>Solidago sempervirens</i>	shore		N
Sea Lavender	<i>Limonium carolinanum</i>	high marsh		N
Sickle-leaved Golden Aster	<i>Chrysopsis falcata</i>	shore		N
Slender Fragrant Goldenrod	<i>Solidago tenuifolia</i>	roadside/sunny open areas		N
Slender Wormwood	<i>Artemisia caudata</i>	shore		N
Spike Grass	<i>Distichlis spicata</i>	high marsh		N
Spotted Wintergreen	<i>Chimaphila maculata</i>	woods		N
Swamp Azalea	<i>Rhododendron viscosum</i>	freshwater wetland edge		N
Sweet Pepperbush	<i>Clethra alnifolia</i>	freshwater wetland edge		N
Sweetfern	<i>Comptonia peregrina</i>	openings, wood edges		N
Switch Grass	<i>Panicum virgatum</i>	openings/roadside		N
Tall Goldenrod	<i>Solidago altissima</i>	roadside		N
Trailing Arbutus	<i>Epigaea repens</i>	woods		N
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	openings/roadside		N
Virginia Rose	<i>Rosa virginianum</i>	shore		N

<u>Common Name</u>	<u>Scientific Name</u>	<u>Wetlands Found</u>	<u>Native/Alien Status</u>
Weak Sedge	<i>Carex debilis</i>	wet woods	N
Winterberry Holly	<i>Ilex verticillata</i>	freshwater wetland edge	N
Yarrow	<i>Achillea millefolium</i>	roadside	A

Sub Aquatic Vegetation

in Fresh Pond:\*

Agardh's Red Weed	<i>Agardhiella tenera</i>	pond	N
Brown Filamentous	<i>Filamentous</i>	pond	N
Codium (Green Fleece, Sputnik)	<i>Codium fragile</i>	pond	A
Eelgrass	<i>Zostera marina</i>	pond	N
False Agardhiella	<i>Gracilaria verrucosa</i>	pond	N
Green Filamentous	<i>Filamentous</i>	pond	N
Hollow Green Weeds	<i>Enteromorpha</i>	pond	N
Red Filamentous	<i>Filamentous</i>	pond	N
Rockweed	<i>Fucus spp</i>	pond	N
Sea Lettuce	<i>Ulva lactuca</i>	pond	N
Wigeon Grass	<i>Rupia maritima</i>	pond	N

Key: N = Native A = Alien

E = Endangered T = Threatened SC = Special Concern

\* Species list obtained from EHTNRD's seining data of Fresh Pond

## FRESH POND FLORA AND FAUNA

### Fauna:

### Birds:

<u>Common Name</u>	<u>Scientific Name</u>	<u>Where Found</u>	<u>Native/Alien*</u>	<u>NYS Status**</u>		<u>Breeder***</u>
				<u>Federal Status</u>	<u>or</u>	<u>Visitor</u>
American Black Duck	<i>Anas rubripes</i>	bay/pond	N			B
American Crow	<i>Corvus brachyrhynchos</i>	shore/woods	N			B
American Goldfinch	<i>Carduelis tristis</i>	shore/woods	N			V
American Redstart	<i>Setophaga ruticilla</i>	woods	N			B
American Robin	<i>Turdus migratorius</i>	woods	N			B
Baltimore Oriole	<i>Icterus galbula</i>	woods	N			B
Belted Kingfisher	<i>Megaceryle alcyon</i>	pond/shore	N			B
Black-and-white Warbler	<i>Mniotilta varia</i>	woods	N			B
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	pond/shore	N			V
Black Scoter	<i>Melanitta nigra</i>	bay/pond	N			V
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	woods	N			B
Black-capped Chickadee	<i>Parus atricapillus</i>	woods	N			B
Blue Jay	<i>Cyanocitta crustata</i>	woods	N			B
Brown-headed Cowbird	<i>Molothrus ater</i>	woods	N			B
Bufflehead	<i>Bucephala albeola</i>	bay/pond	N			V
Canada Goose	<i>Branta canadensis</i>	bay/pond	N			B
Carolina Wren	<i>Thyrothorus ludovicianus</i>	woods	N			B
Cedar Waxwing	<i>Bombycilla cedrorum</i>	woods	N			V
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	woods	N			B
Chipping Sparrow	<i>Spizella passerina</i>	woods	N			B
Chuck-will's-Widow	<i>Caprimulgus carolinensis</i>	woods	N			B
Common Flicker (yellow shafted)	<i>Colaptes auratus</i>	woods	N			B
Common Goldeneye	<i>Bucephala clangula</i>	bay/pond	N			V
Common Grackle	<i>Quiscalus quiscula</i>	woods	N			V
Common Loon	<i>Gavia immer</i>	bay/pond	N	NYS-SC	FED-SC	B
Common Screech Owl	<i>Otus asio</i>	woods	N			B

<u>Common Name</u>	<u>Scientific Name</u>	<u>Where Found</u>	<u>Native/Alien*</u>	<u>NYS Status**</u>		<u>or</u>
				<u>Federal Status</u>	<u>Visitor</u>	
Common Tern	<i>Sterna hirundo</i>	bay/pond	N	NYS-T	FED-T	V
Common Yellowthroat	<i>Geothlypis trichas</i>	woods	N			B
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	bay/pond	N			V
Downy Woodpecker	<i>Picoides pubescens</i>	woods	N			V
Eastern Kingbird	<i>Tyrannus tyrannus</i>	woods	N			B
Eastern Pewee	<i>Contopus virens</i>	woods	N			B
European Starling	<i>Sturnus vulgaris</i>	throughout	A			B
Fish Crow	<i>Corvus ossifragus</i>	shore/woods	N			?
Gray Catbird	<i>Dumetella carolinensis</i>	woods	N			B
Great Blue Heron	<i>Ardea herodias</i>	bay/pond	N			B
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	woods	N			B
Great Egret	<i>Casmerodius albus</i>	bay/pond	N			B
Great-horned Owl	<i>Bubo virginianus</i>	woods	N			V
Greater Black-backed Gull	<i>Larus marinus</i>	bay/pond	N			V
Hairy Woodpecker	<i>Picoides tridactylus</i>	woods	N			V
Herring Gull	<i>Larus argentatus</i>	bay/pond	N			V
Horned Grebe	<i>Podiceps auritus</i>	bay/pond	N			?
House Finch	<i>Carpodacus mexicanus</i>	woods	N			B
Least Tern	<i>Sterna antillarum</i>	bay/pond	N	NYS-T	FED-T	V
Long-tailed Duck(Oldsquaw)	<i>Clangula hyemalis</i>	bay/pond	N			V
Mallard	<i>Anas platyrhynchos</i>	bay/pond	N			B
Mourning Dove	<i>Zenaida macroura</i>	shore/woods	N			B
Mute Swan	<i>Cygnus olor</i>	bay/pond	A			B
Northern Bobwhite	<i>Colinus virginianus</i>	woods, edges	N			B
Northern Cardinal	<i>Cardinalis cardinalis</i>	woods	N			B
Northern Mockingbird	<i>Mimus polyglottos</i>	shore/woods	N			B
Northern Oriole	<i>Icterus galbula</i>	woods	N			B
Osprey	<i>Pandion haliaetus</i>	bay/pond	N	NYS-SC	FED-SC	B
Ovenbird	<i>Seiurus aurocapillus</i>	woods	N			B
Red-breasted Merganser	<i>Mergus serrator</i>	bay/pond	N			V
Red-throated Loon	<i>Gavia stellata</i>	bay/pond	N			V
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	woods	N			V
Red-eyed Vireo	<i>Vireo olivaceus</i>	woods	N			B

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Red-tailed Hawk	<i>Buteo jamaicensis</i>	woods	N		B
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	woods	N		B
Ring-billed Gull	<i>Larus delawarensis</i>	woods	N		V
Ring-necked Pheasant	<i>Phasianus colchicus</i>	woods	A		B
Roseate Tern	<i>Sterna dougallii</i>	bay/pond	N	NYS-E FED-E	V
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	woods	N		?
Rufous-sided Towhee	<i>Pipilo erythrophthalmus</i>	woods	N		B
Scarlet Tanager	<i>Piranga olivacea</i>	woods	N		B
Snowy Egret	<i>Egretta thula</i>	bay/pond	N		V
Song Sparrow	<i>Melospiza melodia</i>	shore/woods	N		B
Surf Scoter	<i>Melanitta perspicillata</i>	bay/pond	N		V
Tufted Titmouse	<i>Parus bicolor</i>	woods	N		B
White-breasted Nuthatch	<i>Sitta carolinensis</i>	woods	N		B
White-throated Sparrow	<i>Zonotrichia albicollis</i>	woods	N		V
White-winged Scoter	<i>Melanitta deglandi</i>	bay/pond	N		V
Wood Duck	<i>Aix sponsa</i>	pond/woods	N		B
Wood Thrush	<i>Hylocichla mustelina</i>	woods	N		B
Yellow-rumped Warbler	<i>Dendroica coronata</i>	shore/woods	N		V

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\*\*\*1993-1994 EHT Breeding Bird Survey used as a reference for probable bird breeding in Fresh Pond Nature Preserve  
 B = probable breeder in area V = visitor or resident part of the year

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<u>Mammals:</u>					
Big Brown Bat	<i>Eptesicus fuscus</i>	woods	N		B
Eastern Mole	<i>Scalopus aquaticus</i>	woods	N		B
Eastern Chipmunk	<i>Tamias striatus</i>	woods	N		B
Eastern Cottontail	<i>Sylvilagus floridanus</i>	woods	N		B
Field Mouse	<i>Microtus pennsylvanicus</i>	woods	N		B
Gray Squirrel	<i>Sciurus carolinensis</i>	woods	N		B
Hoary Bat	<i>Lasiurus cinereus</i>	woods	N		V
House Cat	<i>Felis domesticus</i>	woods	A		B
House Mouse	<i>Mus musculus</i>	woods	A		B
Keen Myotis	<i>Myotis keeni</i>	woods	N		?
Little Brown Bat	<i>Myotis lucifugus</i>	woods	N		B
Long-tail Weasel	<i>Mustela frenata</i>	woods	N		B
Masked Shrew	<i>Sorex cinereus</i>	woods	N		B
Muskrat	<i>Ondatra zibethica</i>	pond	N		B
Norway Rat	<i>Rattus norvegicus</i>	throughout	A		B
Opossum	<i>Diadelphus virginiana</i>	woods	N		B
Pine Vole	<i>Pitymys pinetorum</i>	woods	N		B
Raccoon	<i>Procyon lotor</i>	woods/shore	N		B
Red fox	<i>Vulpes vulpes</i>	woods/shore	N		B
Seals		shore	N		V
Short-tailed Shrew	<i>Blarina brevicauda</i>	woods/dune	N		B
Silver-haired Bat	<i>Lasionycteris noctivagans</i>	woods	N		V
White-footed Mouse	<i>Peromyscus leucopus</i>	woods	N		B
White-tail Deer	<i>Odocoileus virginianus</i>	woods/shore	N		B

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<u>Herptiles</u>					
Bullfrog	<i>Rana catesbeiana</i>	upper pond	N		?
Eastern Box Turtle	<i>Terrepenne carolina</i>	woods	N	NYS-SC	B
Northern Diamondback Terrapin	<i>Malaclemys terrapin terrapin</i>	pond, shore	N		B
Eastern Garter Snake	<i>Thamnophis sirtalis</i>	woods	N		B
Eastern Hognose Snake	<i>Heterodon platyrhinos</i>	woods	N	NYS-SC	B
Eastern Milk Snake	<i>Lampropeltis triangulum triangulum</i>	woods	N		B
Eastern Ribbon Snake	<i>Thamnophis sauritus sauritus</i>	woods, pond	N		B
Eastern Spadefoot Toad	<i>Scaphiopus holbrooki holbrooki</i>	woods	N	NYS-SC	?
Fowler's Toad	<i>Bufo fowleri</i>	woods	N		B
Gray Tree Frog	<i>Hyla cinerea</i>	woods	N		B
Green Frog	<i>Rana clamitans</i>	upper pond	N		B
Northern Black Racer	<i>Coluber constrictor constrictor</i>	woods	N		B
Painted Turtle	<i>Chrysemys picta picta</i>	woods	N		B
Red-back Salamander	<i>Plethodon cinereus</i>	woods	N		B
Snapping Turtle	<i>Chelydra serpentina</i>	pond	N		B
Spring Peeper	<i>Hyla crucifer</i>	woods	N		B
Spotted Turtle	<i>Clemmys guttata</i>	streams, pond	N		B
Wood Frog	<i>Rana sylvatica</i>	woods, ponds	N		B

Vertebrates & Invertebrates  
in Fresh Pond:\*\*\*\*

American Eel	<i>Anguilla rostrata</i>	pond	N		V
American Menhaden	<i>Brevoortia tyrannus</i>	pond	N		V
American Sandlance	<i>Ammodytes americanus</i>	pond	N		B
Atlantic Horseshoe Crab	<i>Limulus polyphemus</i>	pond	N		B
Atlantic Silverside	<i>Menidia menidia</i>	pond	N		B

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Banded Killifish	<i>Fundulus diaphanus</i>	pond	N		B
Bay Anchovy	<i>Anchoa mitchilli</i>	pond	N		?
Blood Worms	<i>Glycera spp.</i>	pond, flat	N		B
Blue Crab	<i>Callinectes sapidus</i>	pond	N		B
Bluefish	<i>Pomatomus saltatrix</i>	pond	N		V
Butterfish	<i>Peppilus triacanthus</i>	pond	N		V
Clam Worm	<i>Nereis virens</i>	pond, flat	N		B
Comb Jelly	<i>Beroe</i>	pond	N		V
Cunner	<i>Tautogolabrus adspersus</i>	pond	N		V
Grass Shrimp	<i>Palaemonetes vulgaris</i>	pond	N		B
Green Crab	<i>Carcinus maenas</i>	pond	N		B
Hard Clam	<i>Mercenaria mercenaria</i>	pond	N		B
Hermit Crab	<i>Pagurus longicarpus</i>	pond	N		B
Lady Crab	<i>Ovalipes ocellatus</i>	pond	N		V
Lion's Mane Jellyfish	<i>Cyanea capillata</i>	pond	N		V
Moon Jelly	<i>Aurelia aurita</i>	pond	N		V
Mud Crab	<i>Neopanope texana sayi</i>	pond	N		B
Mud Dog Whelk	<i>Nassarius obsoletus</i>	pond	N		B
Mummichog	<i>Fundulus heteroclitus</i>	pond	N		B
Ninespine Stickleback	<i>Pungitius pungitius</i>	pond	N		B
Northern Pipefish	<i>Syngnathus fuscus</i>	pond	N		B
Oyster Toadfish	<i>Opsanus tau</i>	pond	N		B
Rainwater Killifish	<i>Lucania parva</i>	pond	N		B
Razor Clam	<i>Ensis directus</i>	pond, flat	N		B
Ribbed Mussel	<i>Modiolus demissus</i>	marsh	N		B
Sand Shrimp	<i>Crangon septemspinosa</i>	pond	N		B
Sheepshead Minnow	<i>Cyprinodon variegatus</i>	pond	N		B
Soft Clam	<i>Mya arenaria</i>	pond, flat	N		B
Stinging Nettle	<i>Chrysaora quinquecirrha</i>	pond	N		B
Striped Killifish	<i>Fundulus majalis</i>	pond	N		B
Summer Flounder	<i>Paralichthys dentatus</i>	pond	N		B
Tautog (Black fish)	<i>Tautoga onitis</i>	pond	N		B
Fourspine Stickleback	<i>Apeltes quadracus</i>	pond	N		B

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Tidewater Silverside	<i>Menidia beryllina</i>	pond	N	B
White Mullet	<i>Mugil curema</i>	pond	N	V
Winter Flounder	<i>Pseudopleuronectes americanus</i>	pond	N	?

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\*\*\*\* Species list obtained from EHTNRD's seining data