

FRESH POND at DEVON NATURE PRESERVE: MANAGEMENT PLAN

Prepared by the Management Plan Subcommittee of the
Town's Nature Preserve Committee

Heather Anderson, Zachary Cohen, Terry Ganley

Date: September 2005



TABLE OF CONTENTS

I. Introduction

Name and Ownership

Location and Size

History

Reasons for Nature Preserve Designation

Existing Planning Studies

II. Description of Site

III. Management Goals

IV. Access

V. Permitted Uses

VI. Restrictions

VII. Maintenance

VIII. Recommended Improvements

APPENDIX

Article I. Suffolk County Tax Map

Article II. Aerial/GPS Trail Map

Article III. Flora and Fauna List

I. INTRODUCTION

Name and Ownership

The two parcels, SCTM # 300-127-1-14.15 and 300-127-1-14.16, were gifted to the town as reserve areas in the Fresh Pond at Devon subdivision. They were adopted as Nature Preserves on November 2, 2001.

Location and Size

The larger Fresh Pond at Devon parcel, Lot 127-1-14.15, is 24.3 acres. Its Northwest corner is the intersection of Fresh Pond Road and Cross Highway to Devon. From there it runs east along the south side of Fresh Pond Road for 1,133 feet and south down the east side of Cross Highway to Devon for 598 feet. However, off this roughly 15 acre rectangular portion comes two extensions to the south and southeast. The southern extension continues across Devon Woods Close road and terminates in the sandy section of Cross Highway to Devon. The other extension is an irregular loop that encircles several of the house lots created in the subdivision. It ultimately turns back to reconnect through a narrow passage with the southern extension.

The larger parcel lies just to the south of the Fresh Pond Nature Preserve and forms an important continuation of its paths and woodlands. The Paumanok Path exits the Fresh Pond Preserve, crosses Fresh Pond Road, and continues directly into the Fresh Pond at Devon Preserve.

The smaller parcel, Lot 127-1-14.16, is a triangle of 1.4 acres lying principally on the east side of Cross Highway to Devon, just south of, and touching, Devon Woods Close.

History

The large parcel contains the grave of Isaac Conkling (the more modern spelling of the same family name is Conklin). There is a small footstone and a large headstone which reads:

Here lies the body of
Isaac Conkling
Who died July
AD 1732
Aged 32 years

The Conkling family was among the original settlers of Amagansett. However, it is a mystery why Isaac was buried far from any family homestead. As a possible clue, the fastidious record keeping of Reverend Nathaniel Hunting, the second minister of East Hampton Town, noted in his recording of the death that Isaac was touched in the head. Reverend

Hunting's records are held in the Long Island Collection of the East Hampton Public Library.

Reasons for Nature Preserve Designation

The parcels satisfy numerous criteria for a Nature Preserve. There is one large, and several small, freshwater wetlands. The topography, with its series of protruding knobs and valleys, would be vulnerable to human disturbance. The forest is rich in both flora and fauna, the Paumanok path crosses the Preserve from North to South, and there is an historically significant 18th century grave site.

Existing Planning Studies

The planning department contains extensive files associated with the subdivision. There is also an Environmental Impact Report that was prepared for the subdivision.

II. DESCRIPTION OF SITE

Topography

These lands, a part of the Ronkonkoma Moraine, were formed during the first major advance of the Wisconsin Glacier which stopped along what is now the Northern half of the South Fork. Soils were deposited in a broad outwash plain punctuated by both steep and rolling kettleholes. Among East Hampton lands, these parcels have an unusually large number of protruding knobs, with frequent slopes of 15 to 20 percent, and higher. The highest natural elevation is 62.2 feet above mean sea level (msl).

There are about 8 "valleys" formed as the low points between the knobs. The lowest elevation is 4.3 feet above msl. Many of these are small freshwater wetland areas, but one wetland valley is almost 2 acres.

The predominant soil type is Montauk Fine Sandy Loam or the similar Montauk Loamy Sand.

Flora and Fauna

With the exception of the freshwater wetlands areas, the parcels are predominantly Oak Deciduous Woods. There are several species of oaks, with some mature specimens up to 65 feet tall. Other large trees include Mocknut Hickory and American Beech. Among evergreens, there are some large specimens of American Holly. The understory includes blueberry, shad, and dogwood. In and near the wetlands are found *Nyssa Sylvatica*, Red Maple, and swamp azalea. Among the flowers, one can spot Indian Pipe, Northern Wild Strawberry, and wild Lily of the Valley. See Article III in the appendix for a fuller list.

The woods are home to the standard mammals found in East Hampton, as listed in Article III in the appendix. Since the parcels are proximate to the Ocean and Bay, one also sees shore birds such as Kingfisher and Osprey.

Key Features

The Paumonak Path runs the entire north to south length of the larger parcel. The north entrance is located on Fresh Pond Road about 500 feet east of Cross Highway. This entrance continues the Path as it leaves the Fresh Pond Nature Preserve to the north.

The trail passes the Conkling gravesite (see History section) about 250 feet south of the Fresh Pond entrance. To the east of the gravesite is the largest freshwater wetland.

The trail follows the topography of the site, along the up and down of the knobs and valleys. Many large trees are visible from the trail. The Paumonak Path continues to the south on its way to Montauk.

III. MANAGEMENT GOALS AND ISSUES

Lot 127-1-14.15

The goals are the protection of the rich and varied ecology and topography, and the encouragement of its historic uses, including hunting, hiking, birding, and other permitted uses.

The pre-existing historic cemetery should remain under the control and jurisdiction of the Town Department of Parks and Recreation.

Lot 127-1-14.16

The goals are the protection of the rich and varied ecology and topography, and the encouragement of its historic uses, including hiking, birding, and other permitted uses.

IV. ACCESS

The principal access for the larger parcel, Lot 127-1-14.15, shall be from Fresh Pond Road where the Paumanok Path enters the Preserve. Parking is available by the side of the road, though there is more appropriate space for parking directly across the street where the Paumanok Path enters the Fresh Pond Nature Preserve. There is secondary road access without parking where the Paumonak path crosses Devon Woods Close. One can also enter this parcel from the south via the Paumonak Path.

Cross Highway to Devon and Devons Woods Close provide access to the smaller parcel, Lot 127-1-14.16. However, there is neither parking for, nor trails across, this parcel.

V. PERMITTED USES

Passive Family Recreation

Bird Watching

Hiking, Bicycling, and Horseback Riding

Nature Studies

Dog Training

Wildlife Restoration

Bow Hunting and small game hunting per DEC and Town Code regulations only on SCTM # 127-1-14.15

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, and hunting in progress.

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.

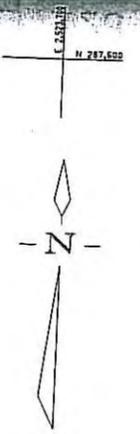
The cemetery should remain under the management of the Department of Parks and Recreation.

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.

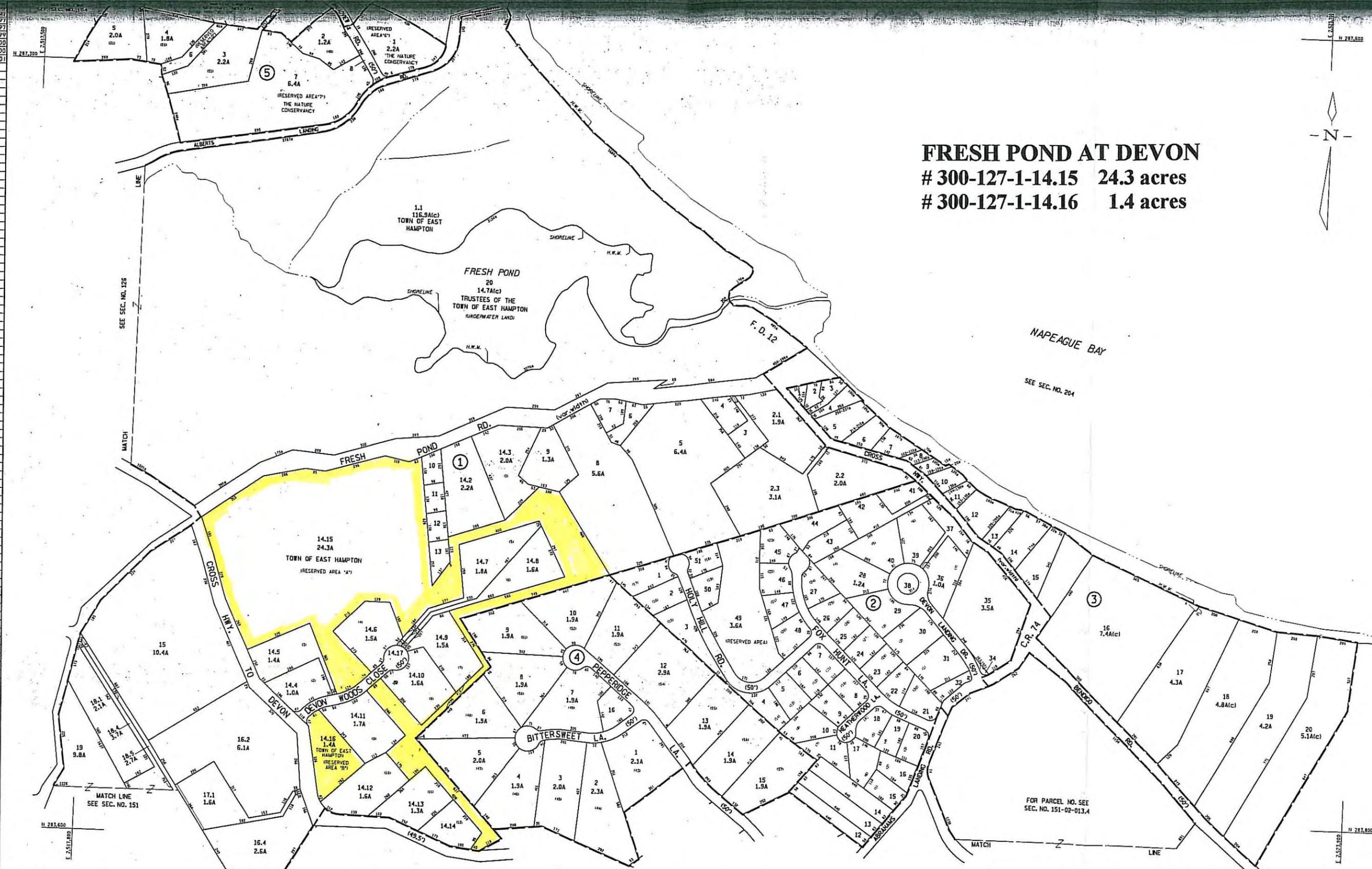
VI. RECOMMENDED IMPROVEMENTS

There are no recommended improvements at this time.

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



FRESH POND AT DEVON
 # 300-127-1-14.15 24.3 acres
 # 300-127-1-14.16 1.4 acres



| | | |
|----------------------|--------------------------------|---------------|
| Property or R/L Line | Subdivision Lot No. | Block Limit |
| Denotes Common Owner | Subdivision Block/Map No. (21) | Block No. (2) |
| Subdivision Lot Line | Deed Description | County Line |
| Street / Shore | Scaded Description | Town Line |
| Parcel No. 23 | Deed Area 12.1 A(c) or 12.1A | Village Line |
| | Calculated Area 12.1 A(c) | |

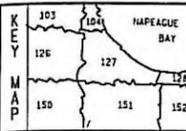
| | |
|----------------------|--------------------------|
| School District Line | Hydrant District Line |
| Fire District Line | Refuse District Line |
| Water District Line | Historical District Line |
| Light District Line | Ambulance District Line |
| Park District Line | Wastewater District Line |
| Sewer District Line | |

| |
|--|
| UNLESS DRAWN OTHERWISE, ALL PROPERTIES ARE WITHIN THE FOLLOWING DISTRICTS: |
| SEWER |
| WASTEWATER |
| WATER |
| REFUSE |
| HYDRANT |
| PARK |
| AMBULANCE |
| LIGHT |
| FIRE |
| SCHOOL |

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: 1" = 400'



| | |
|----------------------|--------------|
| TOWN OF EAST HAMPTON | SECTION NO |
| VILLAGE OF | 127 |
| DISTRICT NO 0300 | PROPERTY MAP |



FRESH POND FLORA AND FAUNA

Article III.

Flora:

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Where Found</u> | <u>NYS/Federal Native/Alien Status</u> |
|----------------------|--------------------------------|----------------------------|--|
| Woody Species | | | |
| 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 |

| | | | |
|-----------------------|-------------------------------|--------------------------|---|
| 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 |

| | | | |
|-------------------------------|------------------------------------|---------------------------|---|
| 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 pensylvanica</i> | woodlands, openins | N |
| Pipsissewa | <i>Chimaphila umbelatta</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 |

Weak Sedge
Winterberry Holly
Yarrow

Carex debilis
Ilex verticillata
Achillea millefolium

wet woods
freshwater wetland edge
roadside

N
N
A

Sub Aquatic Vegetation
in Fresh Pond:*

Agardh's Red Weed
Brown Filamentous
Codium (Green Fleece, Sputnik)
Eelgrass
False Agardhiella
Green Filamentous
Hollow Green Weeds
Red Filamentous
Rockweed
Sea Lettuce
Wigeon Grass

Agardhiella tenera
Filamentous
Codium fragile
Zostera marina
Gracilaria verrucosa
Filamentous
Enteromorpha
Filamentous
Fucus spp
Ulva lactuca
Rupia maritima

pond
pond

N
N
A
N
N
N
N
N
N
N
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 cristata</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 | | | B |
| Common Screech Owl | <i>Otus asio</i> | woods | N | NYS-SC | FED-SC | 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>Zenaidura 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 |

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Where Found</u> | <u>NYS Status**</u> | | <u>or</u> |
|-------------------------|--------------------------------|--------------------|----------------------|-----------------------|----------------|
| | | | <u>Native/Alien*</u> | <u>Federal Status</u> | <u>Visitor</u> |
| 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 |

*N = Native A = Alien

** E = Endangered T = Threatened SC = Special Concern

***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

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Where Found</u> | <u>NYS Status**</u> | <u>Federal Status</u> | <u>or</u> <u>Visitor</u> |
|--------------------|----------------------------------|--------------------|---------------------|-----------------------|-----------------------------|
| <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 pensylvanica</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 |

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Where Found</u> | <u>NYS Status**</u> | | <u>or</u> |
|-------------------------------|---|--------------------|----------------------|-----------------------|----------------|
| | | | <u>Native/Alien*</u> | <u>Federal Status</u> | <u>Visitor</u> |
| <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 |

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Where Found</u> | <u>NYS Status**</u> | | <u>or</u> |
|-----------------------|--------------------------------|--------------------|----------------------|-----------------------|----------------|
| | | | <u>Native/Alien*</u> | <u>Federal Status</u> | <u>Visitor</u> |
| 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 |

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Where Found</u> | <u>NYS Status**</u> | <u>Federal Status</u> | <u>or</u> | <u>Visitor</u> |
|----------------------|--------------------------------------|--------------------|---------------------|-----------------------|-----------|----------------|
| 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 | | | ? |

*N = Native A = Alien

** E = Endangered T = Threatened SC = Special Concern

*** B = probable breeder in area V = Visitor

*N = Native A = Alien

** E = Endangered T = Threatened SC = Special Concern

*** X = probable breeder in area V = Visitor

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