

*Environmental Assessment*  
*Village of Patchogue Out-of-District Sewer Extension, Patchogue, NY*

**APPENDIX H: FEDERALLY LISTED THREATENED AND ENDANGERED SPECIES  
KNOWN OR LIKELY TO OCCUR IN THE PROJECT AREA**



# United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Long Island Ecological Services Field Office  
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Consultation Code: 05E1LI00-2015-SLI-0121

May 13, 2015

Event Code: 05E1LI00-2015-E-00128

Project Name: Patchogue River Watershed Sewer District Service Area Expans

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

## To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having

similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan ([http://www.fws.gov/windenergy/eagle\\_guidance.html](http://www.fws.gov/windenergy/eagle_guidance.html)). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment



United States Department of Interior  
Fish and Wildlife Service

Project name: Patchogue River Watershed Sewer District Service Area Expans

## Official Species List

### Provided by:

Long Island Ecological Services Field Office  
340 SMITH ROAD  
SHIRLEY, NY 11967  
(631) 286-0485

**Consultation Code:** 05E1LI00-2015-SLI-0121

**Event Code:** 05E1LI00-2015-E-00128

**Project Type:** WASTEWATER FACILITY

**Project Name:** Patchogue River Watershed Sewer District Service Area Expans

**Project Description:** The project will extend sanitary sewer service to approximately 648 parcels located in the Village of Patchogue. Improvements include re-routing existing sewer mains and installing new bypass mains to convey flow around areas where existing capacity is limited; installing 19,259 linear feet of low pressure sewer mains, new service laterals and individual on-site grinder stations south of Division Street to connect the unsewered parcels to the system; and upgrading the West Avenue Pump Station.

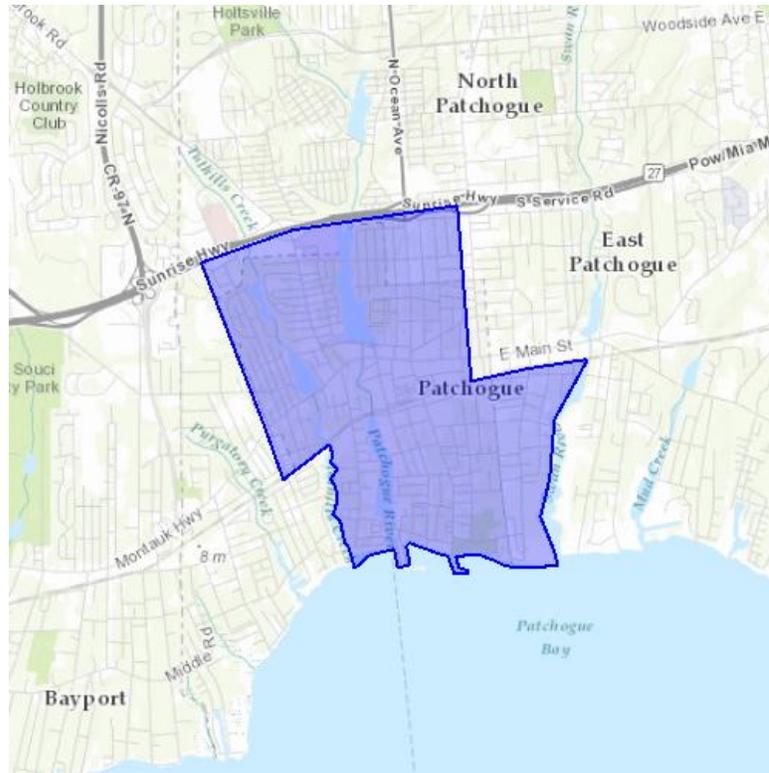
**Please Note:** The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



United States Department of Interior  
Fish and Wildlife Service

Project name: Patchogue River Watershed Sewer District Service Area Expans

### Project Location Map:



**Project Coordinates:** The coordinates are too numerous to display here.

**Project Counties:** Suffolk, NY



United States Department of Interior  
Fish and Wildlife Service

Project name: Patchogue River Watershed Sewer District Service Area Expans

## Endangered Species Act Species List

There are a total of 6 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Birds	Status	Has Critical Habitat	Condition(s)
Piping Plover ( <i>Charadrius melodus</i> ) Population: except Great Lakes watershed	Threatened	Final designated	
Red Knot ( <i>Calidris canutus rufa</i> )	Threatened		
Roseate tern ( <i>Sterna dougallii dougallii</i> ) Population: northeast U.S. nesting pop.	Endangered		
<b>Flowering Plants</b>			
Sandplain gerardia ( <i>Agalinis acuta</i> )	Endangered		
Seabeach amaranth ( <i>Amaranthus pumilus</i> )	Threatened		
<b>Mammals</b>			
Northern long-eared Bat ( <i>Myotis septentrionalis</i> )	Threatened		



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## **Critical habitats that lie within your project area**

There are no critical habitats within your project area.

# New York Nature Explorer County Results Report

Criteria: County: Suffolk

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Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global

## County: Suffolk

### Animal: Mammals

New England Cottontail	Rabbits and Hares	Extirpated		Special Concern	Candidate	S1S2	G3
<i>Sylvilagus transitionalis</i>							
Northern Long-eared Bat	Bats	Recently Confirmed	2014	Threatened	Threatened	S3S4	G1G3
<i>Myotis septentrionalis</i>							

### Animal: Birds

Acadian Flycatcher	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S3B	G5
<i>Empidonax vireescens</i>							

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		
				State	Federal	State
Alder Flycatcher <i>Empidonax alnorum</i>	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B G5
American Bittern <i>Botaurus lentiginosus</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2000-2005	Special Concern		S4 G4
American Black Duck <i>Anas rubripes</i>	Ducks, Geese, Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3B,SNRN G5
American Coot <i>Fulica americana</i>	Rails, Coots and Cranes	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3 G5
American Crow <i>Corvus brachyrhynchos</i>	Crows and Jays	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5 G5
American Goldfinch <i>Spinus tristis</i>	Finches and Crossbills	Recently Confirmed	2000-2005	Protected Bird		S5 G5
American Kestrel <i>Falco sparverius</i>	Hawks, Falcons, Eagles, Vultures	Recently Confirmed	2000-2005	Protected Bird		S5B G5
American Oystercatcher <i>Haematopus palliatus</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2000-2005	Protected Bird		S3 G5
American Redstart <i>Setophaga ruticilla</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B G5
American Robin <i>Turdus migratorius</i>	Thrushes and Bluebirds	Recently Confirmed	2000-2005	Protected Bird		S5B G5
American Woodcock <i>Scolopax minor</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5B G5
Bald Eagle <i>Haliaeetus leucocephalus</i>	Hawks, Falcons, Eagles, Vultures	Recently Confirmed	2013	Threatened		S2S3B,S2N G5
Baltimore Oriole <i>Icterus galbula</i>	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S5B G5
Bank Swallow <i>Riparia riparia</i>	Swallows	Recently Confirmed	2000-2005	Protected Bird		S5B G5
Barn Owl <i>Tyto alba</i>	Owls	Recently Confirmed	2003	Protected Bird		S1S2 G5
Barn Swallow <i>Hirundo rustica</i>	Swallows	Recently Confirmed	2000-2005	Protected Bird		S5B G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Barred Owl <i>Strix varia</i>	Owls	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Belted Kingfisher <i>Megaceryle alcyon</i>	Kingfishers	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Black Rail <i>Laterallus jamaicensis</i>	Rails, Coots and Cranes	Recently Confirmed	2000	Endangered		S1B	G4
Black Skimmer <i>Rynchops niger</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2008	Special Concern		S2	G5
Black-and-white Warbler <i>Mniotilta varia</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i>	Cuckoos	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Black-capped Chickadee <i>Poecile atricapillus</i>	Chickadees and Titmice	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Black-crowned Night-Heron <i>Nycticorax nycticorax</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2000-2005	Protected Bird		S3	G5
Black-throated Green Warbler <i>Setophaga virens</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Blue Grosbeak <i>Passerina caerulea</i>	Cardinals and Buntings	Recently Confirmed	2000-2005	Protected Bird		SNA	G5
Blue Jay <i>Cyanocitta cristata</i>	Crows and Jays	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Blue-gray Gnatcatcher <i>Polioptila caerulea</i>	Gnatcatchers	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Blue-winged Teal <i>Anas discors</i>	Ducks, Geese, Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S2S3B,SN RN	G5
Blue-winged Warbler <i>Vermivora cyanoptera</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Boat-tailed Grackle <i>Quiscalus major</i>	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S3B	G5
Bobolink <i>Dolichonyx oryzivorus</i>	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S5B	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Broad-winged Hawk <i>Buteo platypterus</i>	Hawks, Falcons, Eagles, Vultures	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Brown Creeper <i>Certhia americana</i>	Creepers	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Brown Thrasher <i>Toxostoma rufum</i>	Mockingbirds and Thrashers	Recently Confirmed	2000-2005	Protected Bird		S3S4B	G5
Brown-headed Cowbird <i>Molothrus ater</i>	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Canada Goose <i>Branta canadensis</i>	Ducks, Geese, Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5
Canada Warbler <i>Cardellina canadensis</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Carolina Wren <i>Thryothorus ludovicianus</i>	Wrens	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Cattle Egret <i>Bubulcus ibis</i>	Hérons, Bitterns, Egrets, Ibises	Historically Confirmed	1970	Protected Bird		S2	G5
Cedar Waxwing <i>Bombycilla cedrorum</i>	Waxwings	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Chestnut-sided Warbler <i>Setophaga pensylvanica</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Chimney Swift <i>Chaetura pelagica</i>	Hummingbirds and Swifts	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Chipping Sparrow <i>Spizella passerina</i>	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Chuck-will's-widow <i>Antrostomus carolinensis</i>	Nightbirds	Recently Confirmed	2012	Protected Bird		S1B	G5
Clapper Rail <i>Rallus longirostris</i>	Rails, Coots and Cranes	Recently Confirmed	2000-2005	Protected Bird		S2S3	G5
Cliff Swallow <i>Petrochelidon pyrrhonota</i>	Swallows	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Common Eider <i>Somateria mollissima</i>	Ducks, Geese, Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S1B,S3?N	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Common Grackle <i>Quiscalus quiscula</i>	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Common Loon <i>Gavia immer</i>	Loons	Recently Confirmed		Special Concern		S4	G5
Common Moorhen <i>Gallinula galeata</i>	Rails, Coots and Cranes	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3S4	G5
Common Nighthawk <i>Chordeiles minor</i>	Nightbirds	Recently Confirmed	2000-2005	Special Concern		S2S3B	G5
Common Tern <i>Sterna hirundo</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2013	Threatened		S3B	G5
Common Yellowthroat <i>Geothlypis trichas</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Cooper's Hawk <i>Accipiter cooperii</i>	Hawks, Falcons, Eagles, Vultures	Recently Confirmed	2000-2005	Special Concern		S4	G5
Double-crested Cormorant <i>Phalacrocorax auritus</i>	Pelicans and Cormorants	Recently Confirmed	2000-2005	Protected Bird		S3	G5
Downy Woodpecker <i>Picoides pubescens</i>	Woodpeckers	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Eastern Bluebird <i>Sialia sialis</i>	Thrushes and Bluebirds	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Eastern Kingbird <i>Tyrannus tyrannus</i>	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Eastern Meadowlark <i>Sturnella magna</i>	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Eastern Phoebe <i>Sayornis phoebe</i>	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Eastern Screech-Owl <i>Megascops asio</i>	Owls	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Eastern Towhee <i>Pipilo erythrophthalmus</i>	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Eastern Wood-Pewee <i>Contopus virens</i>	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
European Starling <i>Sturnus vulgaris</i>	Starlings	Recently Confirmed	2000-2005			SNA	G5
Field Sparrow <i>Spizella pusilla</i>	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Fish Crow <i>Corvus ossifragus</i>	Crows and Jays	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S4	G5
Forster's Tern <i>Sterna forsteri</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2003	Protected Bird		S1	G5
Gadwall <i>Anas strepera</i>	Ducks, Geese, Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3	G5
Glossy Ibis <i>Plegadis falcinellus</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2007	Protected Bird		S2	G5
Grasshopper Sparrow <i>Ammodramus savannarum</i>	Sparrows and Towhees	Recently Confirmed	2000-2005	Special Concern		S3B	G5
Gray Catbird <i>Dumetella carolinensis</i>	Mockingbirds and Thrashers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Great Black-backed Gull <i>Larus marinus</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2000-2005	Protected Bird		S4	G5
Great Blue Heron <i>Ardea herodias</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed		Protected Bird		S5	G5
Great Crested Flycatcher <i>Myiarchus crinitus</i>	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Great Horned Owl <i>Bubo virginianus</i>	Owls	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Green Heron <i>Butorides virescens</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Green-winged Teal <i>Anas crecca</i>	Ducks, Geese, Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3	G5
Gull-billed Tern <i>Gelochelidon nilotica</i>	Gulls, Terns, Plovers, Shorebirds	Historically Confirmed	1984	Protected Bird		S1	G5
Hairy Woodpecker <i>Picoides villosus</i>	Woodpeckers	Recently Confirmed	2000-2005	Protected Bird		S5	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Harlequin Duck <i>Histrionicus histrionicus</i>	Ducks, Geese, Waterfowl	Historically Confirmed		Protected Bird		S1N	G4
Henslow's Sparrow <i>Ammodramus henslowii</i>	Sparrows and Towhees	Recently Confirmed		Threatened		S3B	G4
Hermit Thrush <i>Catharus guttatus</i>	Thrushes and Bluebirds	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Herring Gull <i>Larus argentatus</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Hooded Warbler <i>Setophaga citrina</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Horned Lark <i>Eremophila alpestris</i>	Larks	Recently Confirmed	2000-2005	Special Concern		S3S4B	G5
House Finch <i>Haemorhous mexicanus</i>	Finches and Crossbills	Recently Confirmed	2000-2005	Protected Bird		SNA	G5
House Sparrow <i>Passer domesticus</i>	Old World Sparrows	Recently Confirmed	2000-2005			SNA	G5
House Wren <i>Troglodytes aedon</i>	Wrens	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Indigo Bunting <i>Passerina cyanea</i>	Cardinals and Buntings	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Kentucky Warbler <i>Geothlypis formosa</i>	Wood-Warblers	Recently Confirmed	2012	Protected Bird		S2B	G5
Killdeer <i>Charadrius vociferus</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Laughing Gull <i>Leucophaeus atricilla</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2007	Protected Bird		S1	G5
Lawrence's Warbler <i>Vermivora chrysoptera x cyanoptera</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		SNA	GNA
Least Bittern <i>Ixobrychus exilis</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2011	Threatened		S3B,S1N	G5
Least Tern <i>Sternula antillarum</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2013	Threatened		S3B	G4

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Little Blue Heron <i>Egretta caerulea</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2007	Protected Bird		S2	G5
Long-eared Owl <i>Asio otus</i>	Owls	Recently Confirmed	2000-2005	Protected Bird		S2S3B,SN RN	G5
Louisiana Waterthrush <i>Parkesia motacilla</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Mallard <i>Anas platyrhynchos</i>	Ducks, Geese, Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5
Mallard x Am. Black Duck Hybrid <i>Anas platyrhynchos x rubripes</i>	Ducks, Geese, Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		SNA	GNA
Marsh Wren <i>Cistothorus palustris</i>	Wrens	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Monk Parakeet <i>Myiopsitta monachus</i>	Parrots and Parakeets	Recently Confirmed	2000-2005			SNA	G5
Mourning Dove <i>Zenaida macroura</i>	Pigeons and Doves	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Mute Swan <i>Cygnus olor</i>	Ducks, Geese, Waterfowl	Recently Confirmed	2000-2005	Protected Bird		SNA	G5
Northern Bobwhite <i>Colinus virginianus</i>	Grouse, Pheasants, Turkeys	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S4	G5
Northern Cardinal <i>Cardinalis cardinalis</i>	Cardinals and Buntings	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Northern Flicker <i>Colaptes auratus</i>	Woodpeckers	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Northern Harrier <i>Circus cyaneus</i>	Hawks, Falcons, Eagles, Vultures	Recently Confirmed	2005	Threatened		S3B,S3N	G5
Northern Mockingbird <i>Mimus polyglottos</i>	Mockingbirds and Thrashers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Northern Parula <i>Setophaga americana</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S3S4B	G5
Northern Rough-winged Swallow <i>Stelgidopteryx serripennis</i>	Swallows	Recently Confirmed	2000-2005	Protected Bird		S5B	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Orchard Oriole <i>Icterus spurius</i>	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S4B	G5
Osprey <i>Pandion haliaetus</i>	Hawks, Falcons, Eagles, Vultures	Recently Confirmed	2000-2005	Special Concern		S4B	G5
Ovenbird <i>Seiurus aurocapilla</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Peregrine Falcon <i>Falco peregrinus</i>	Hawks, Falcons, Eagles, Vultures	Recently Confirmed	2008	Endangered		S3B	G4
Pied-billed Grebe <i>Podilymbus podiceps</i>	Grebes	Recently Confirmed	2000	Threatened		S3B,S1N	G5
Pine Warbler <i>Setophaga pinus</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Piping Plover <i>Charadrius melodus</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2013	Endangered	Endangered/Threatened	S3B	G3
Prairie Warbler <i>Setophaga discolor</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Prothonotary Warbler <i>Protonotaria citrea</i>	Wood-Warblers	Recently Confirmed	2000	Protected Bird		S2B	G5
Purple Finch <i>Haemorhous purpureus</i>	Finches and Crossbills	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Purple Martin <i>Progne subis</i>	Swallows	Recently Confirmed	2000-2005	Protected Bird		S4B	G5
Red-bellied Woodpecker <i>Melanerpes carolinus</i>	Woodpeckers	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Red-breasted Merganser <i>Mergus serrator</i>	Ducks, Geese, Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3	G5
Red-breasted Nuthatch <i>Sitta canadensis</i>	Nuthatches	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Red-eyed Vireo <i>Vireo olivaceus</i>	Vireos	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i>	Woodpeckers	Recently Confirmed	2009	Special Concern		S2?B	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Red-tailed Hawk <i>Buteo jamaicensis</i>	Hawks, Falcons, Eagles, Vultures	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Red-winged Blackbird <i>Agelaius phoeniceus</i>	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Ring-necked Pheasant <i>Phasianus colchicus</i>	Grouse, Pheasants, Turkeys	Recently Confirmed	2000-2005	Protected Bird - Game with open season		SNA	G5
Rock Pigeon <i>Columba livia</i>	Pigeons and Doves	Recently Confirmed	2000-2005			SNA	G5
Rose-breasted Grosbeak <i>Pheucticus ludovicianus</i>	Cardinals and Buntings	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Roseate Tern <i>Sterna dougallii</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2015	Endangered	Endangered	S1B	G4
Ruby-throated Hummingbird <i>Archilochus colubris</i>	Hummingbirds and Swifts	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Ruddy Duck <i>Oxyura jamaicensis</i>	Ducks, Geese, Waterfowl	Historically Confirmed		Protected Bird - Game with open season		S1	G5
Ruffed Grouse <i>Bonasa umbellus</i>	Grouse, Pheasants, Turkeys	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5
Rusty Blackbird <i>Euphagus carolinus</i>	Blackbirds and Orioles	Historically Confirmed		Protected Bird		S2B	G4
Saltmarsh Sharp-tailed Sparrow <i>Ammodramus caudacutus</i>	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S3B	G4
Savannah Sparrow <i>Passerculus sandwichensis</i>	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Scarlet Tanager <i>Piranga olivacea</i>	Cardinals and Buntings	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Seaside Sparrow <i>Ammodramus maritimus</i>	Sparrows and Towhees	Recently Confirmed	2002	Special Concern		S2S3B	G4
Sedge Wren <i>Cistothorus platensis</i>	Wrens	Historically Confirmed	1932	Threatened		S3B	G5
Short-eared Owl <i>Asio flammeus</i>	Owls	Recently Confirmed	2008	Endangered		S2	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Snowy Egret <i>Egretta thula</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2007	Protected Bird		S2S3	G5
Song Sparrow <i>Melospiza melodia</i>	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Sora <i>Porzana carolina</i>	Rails, Coots and Cranes	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S4	G5
Spotted Sandpiper <i>Actitis macularius</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Summer Tanager <i>Piranga rubra</i>	Cardinals and Buntings	Recently Confirmed	2000-2005	Protected Bird		SNA	G5
Swamp Sparrow <i>Melospiza georgiana</i>	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Tree Swallow <i>Tachycineta bicolor</i>	Swallows	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Tricolored Heron <i>Egretta tricolor</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2004	Protected Bird		S2	G5
Tufted Titmouse <i>Baeolophus bicolor</i>	Chickadees and Titmice	Recently Confirmed	2000-2005	Protected Bird		S5	G5
Turkey Vulture <i>Cathartes aura</i>	Hawks, Falcons, Eagles, Vultures	Recently Confirmed	2000-2005	Protected Bird		S4B	G5
Upland Sandpiper <i>Bartramia longicauda</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2000	Threatened		S3B	G5
Veery <i>Catharus fuscescens</i>	Thrushes and Bluebirds	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Vesper Sparrow <i>Pooecetes gramineus</i>	Sparrows and Towhees	Recently Confirmed	2000-2005	Special Concern		S3B	G5
Virginia Rail <i>Rallus limicola</i>	Rails, Coots and Cranes	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5
Warbling Vireo <i>Vireo gilvus</i>	Vireos	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Whip-poor-will <i>Antrostomus vociferus</i>	Nightbirds	Recently Confirmed	2000-2005	Special Concern		S3B	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
White-breasted Nuthatch <i>Sitta carolinensis</i>	Nuthatches	Recently Confirmed	2000-2005	Protected Bird		S5	G5
White-eyed Vireo <i>Vireo griseus</i>	Vireos	Recently Confirmed	2000-2005	Protected Bird		S4B	G5
Wild Turkey <i>Meleagris gallopavo</i>	Grouse, Pheasants, Turkeys	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5
Willet <i>Tringa semipalmata</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2000-2005	Protected Bird		S3B	G5
Willow Flycatcher <i>Empidonax traillii</i>	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Wood Duck <i>Aix sponsa</i>	Ducks, Geese, Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5
Wood Thrush <i>Hylocichla mustelina</i>	Thrushes and Bluebirds	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Worm-eating Warbler <i>Helmitheros vermivorum</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S4B	G5
Yellow Warbler <i>Setophaga petechia</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Yellow-billed Cuckoo <i>Coccyzus americanus</i>	Cuckoos	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Yellow-breasted Chat <i>Icteria virens</i>	Wood-Warblers	Recently Confirmed	2000-2005	Special Concern		S2?B	G5
Yellow-crowned Night-Heron <i>Nyctanassa violacea</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2000-2005	Protected Bird		S2	G5
Yellow-throated Vireo <i>Vireo flavifrons</i>	Vireos	Recently Confirmed	2000-2005	Protected Bird		S5B	G5
Yellow-throated Warbler <i>Setophaga dominica</i>	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		SNA	G5

## Animal: Reptiles

Common Gartersnake <i>Thamnophis sirtalis</i>	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5
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# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Common Musk Turtle <i>Sternotherus odoratus</i>	Turtles	Recently Confirmed	1990-1999	Game with no open season		S5	G5
Dekay's Brownsnake <i>Storeria dekayi</i>	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5
Diamondback Terrapin <i>Malaclemys terrapin</i>	Turtles	Recently Confirmed	1990-1999	Game with open season		S3	G4
Eastern Box Turtle <i>Terrapene carolina</i>	Turtles	Recently Confirmed	1990-1999	Special Concern		S3	G5
Eastern Hog-nosed Snake <i>Heterodon platirhinos</i>	Snakes	Recently Confirmed	1990-1999	Special Concern		S3	G5
Eastern Mud Turtle <i>Kinosternon subrubrum</i>	Turtles	Recently Confirmed	2007	Endangered		S1	G5
Eastern Ribbonsnake <i>Thamnophis sauritus</i>	Snakes	Recently Confirmed	1990-1999	Game with no open season		S4	G5
Eastern Wormsnake <i>Carphophis amoenus</i>	Snakes	Recently Confirmed	2007	Special Concern		S2	G5
Italian Wall Lizard <i>Podarcis sicula</i>	Lizards	Recently Confirmed	1990-1999			SNA	G5
Milksnake <i>Lampropeltis triangulum</i>	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5
Northern Watersnake <i>Nerodia sipedon</i>	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5
Painted Turtle <i>Chrysemys picta</i>	Turtles	Recently Confirmed	1990-1999	Game with no open season		S5	G5
Racer <i>Coluber constrictor</i>	Snakes	Recently Confirmed	1990-1999	Game with no open season		S4	G5
Red-bellied Snake <i>Storeria occipitomaculata</i>	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5
Ring-necked Snake <i>Diadophis punctatus</i>	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5
Slider <i>Trachemys scripta</i>	Turtles	Recently Confirmed	1990-1999			SNA	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Smooth Green Snake <i>Opheodrys vernalis</i>	Snakes	Recently Confirmed	1990-1999	Game with no open season		S4	G5
Snapping Turtle <i>Chelydra serpentina</i>	Turtles	Recently Confirmed	1990-1999	Game with open season		S5	G5
Spotted Turtle <i>Clemmys guttata</i>	Turtles	Recently Confirmed	1990-1999	Special Concern		S3	G5

## Animal: Amphibians

Atlantic Coast Leopard Frog <i>Lithobates kauffeldi</i>	Frogs and Toads	Recently Confirmed	1995			S1S2	GNR
Blue-spotted Salamander <i>Ambystoma laterale</i>	Salamanders	Recently Confirmed	1990-1999	Special Concern		S4	G5
Bullfrog <i>Lithobates catesbeianus</i>	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5
Eastern Newt <i>Notophthalmus viridescens</i>	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5
Eastern Spadefoot <i>Scaphiopus holbrookii</i>	Frogs and Toads	Recently Confirmed	2008	Special Concern		S2S3	G5
Four-toed Salamander <i>Hemidactylum scutatum</i>	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5
Fowler's Toad <i>Anaxyrus fowleri</i>	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S4	G5
Gray Treefrog <i>Hyla versicolor</i>	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5
Green Frog <i>Lithobates clamitans</i>	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5
Marbled Salamander <i>Ambystoma opacum</i>	Salamanders	Recently Confirmed	1990-1999	Special Concern		S3	G5
Northern Cricket Frog <i>Acris crepitans</i>	Frogs and Toads	Historically Confirmed	1932	Endangered		S1	G5
Northern Two-lined Salamander <i>Eurycea bislineata</i>	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Pickereel Frog <i>Lithobates palustris</i>	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5
Redback Salamander <i>Plethodon cinereus</i>	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5
Southern Leopard Frog <i>Lithobates sphenoccephalus</i>	Frogs and Toads	Recently Confirmed	1990-1999	Special Concern		S1S2	G5
Spotted Salamander <i>Ambystoma maculatum</i>	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5
Spring Peeper <i>Pseudacris crucifer</i>	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5
Tiger Salamander <i>Ambystoma tigrinum</i>	Salamanders	Recently Confirmed	2014	Endangered		S1S2	G5
Wood Frog <i>Lithobates sylvaticus</i>	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5

## Animal: Fish

Atlantic Needlefish <i>Strongylura marina</i>	Needlefishes	Possible but not Confirmed				S2S3	G5
Atlantic Silverside <i>Menidia menidia</i>	Silversides	Recently Confirmed	2015			S2S3	G5
Banded Sunfish <i>Enneacanthus obesus</i>	Darters and Sunfishes	Recently Confirmed	2007	Threatened		S1	G5
Bridle Shiner <i>Notropis bifrenatus</i>	Minnnows, Shiners, Suckers	Historically Confirmed				S2?	G3
Inland Silverside <i>Menidia beryllina</i>	Silversides	Recently Confirmed	1980			S2S3	G5
Spotfin Killifish <i>Fundulus luciae</i>	Killifishes	Historically Confirmed				S1	G4
Swamp Darter <i>Etheostoma fusiforme</i>	Darters and Sunfishes	Recently Confirmed	2006	Threatened		S1	G5

## Animal: Butterflies and Moths

A Geometrid Moth <i>Euchlaena madusaria</i>	Moths	Recently Confirmed	2007			S1	G4
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# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
A Looper Moth <i>Lambdina fervidaria</i>	Moths	Recently Confirmed	2006			S1	G5
A Moth <i>Sympistis perscripta</i>	Moths	Recently Confirmed	1997			S1	G4
A Noctuid Moth <i>Chytonix sensilis</i>	Moths	Recently Confirmed	1992			S1S3	G4
A Noctuid Moth <i>Hydraecia stramentosa</i>	Moths	Recently Confirmed	1995			S1S3	G4
A Noctuid Moth <i>Sympistis riparia</i>	Moths	Recently Confirmed	2013			SU	G4
A Prominent Moth <i>Heterocampa varia</i>	Moths	Recently Confirmed	2005	Special Concern		S1S2	G3G4
An Apamea Moth <i>Apamea inordinata</i>	Moths	Recently Confirmed	2007			S1	GU
An Apamea Moth <i>Apamea burgessi</i>	Moths	Recently Confirmed	2007			SU	G4
An Underwing Moth <i>Catocala umbrosa</i>	Moths	Historically Confirmed				SH	G5
Aureolaria Seed Borer <i>Pyrrhia aurantiago</i>	Moths	Recently Confirmed	1989			SU	G3G4
Barrens Dagger Moth <i>Acronicta albarufa</i>	Moths	Recently Confirmed	1999			S1	G3G4
Barrens Itame <i>Speranza exonerata</i>	Moths	Recently Confirmed	2006			S1S3	G3G4
Black-bordered Lemon Moth <i>Marimatha nigrofimbria</i>	Moths	Recently Confirmed	2013			S1	G5
Black-dotted Ruddy <i>Ilexia intractata</i>	Moths	Recently Confirmed	2007			S1	GNR
Black-eyed Zale <i>Zale curema</i>	Moths	Recently Confirmed	2007			SU	G4
Bridgham's Brocade <i>Oligia bridghamii</i>	Moths	Recently Confirmed	2007			SU	G4

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Chain Fern Borer Moth <i>Papaipema stenocelis</i>	Moths	Recently Confirmed	1987			S1?	G4
Chocolate Renia <i>Renia nemoralis</i>	Moths	Recently Confirmed	2007			SU	G4
Coastal Barrens Buckmoth <i>Hemileuca maia ssp. 5</i>	Moths	Recently Confirmed	2013	Special Concern		S2	G5T3
Coastal Heathland Cutworm <i>Abagrotis nefascia benjamini</i>	Moths	Recently Confirmed	2007			S1S3	G4T3
Doll's Merolonche <i>Acronicta dolli</i>	Moths	Historically Confirmed	1931			SH	G3G4
Dusted Skipper <i>Atrytonopsis hianna</i>	Butterflies and Skippers	Recently Confirmed	1996			S2S3	G4G5
Edwards' Hairstreak <i>Satyrium edwardsii</i>	Butterflies and Skippers	Recently Confirmed	2003			S3S4	G4
Fawn Brown Dart <i>Euxoa pleuritica</i>	Moths	Recently Confirmed	2007			S2S3	G4
Fringed Dart <i>Eucoptocnemis fimbriaris</i>	Moths	Recently Confirmed	2007			S1	G4
Frosted Elfin <i>Callophrys irus</i>	Butterflies and Skippers	Recently Confirmed	2006	Threatened		S1S2	G3
Golden Aster Flower Moth <i>Schinia tuberculum</i>	Moths	Recently Confirmed	1999			S2	G4
Gordian Sphinx <i>Sphinx gordius</i>	Moths	Recently Confirmed	2007			S1S3	G4
Gray Woodgrain <i>Morrisonia mucens</i>	Moths	Recently Confirmed	2007			S1S3	G4G5
Herodias or Pine Barrens Underwing <i>Catocala herodias gerhardi</i>	Moths	Recently Confirmed	2007	Special Concern		S1S2	G3T3
Hessel's Hairstreak <i>Callophrys hesseli</i>	Butterflies and Skippers	Recently Confirmed	1986	Endangered		S1	G3G4
Imperial Moth <i>Eacles imperialis imperialis</i>	Moths	Recently Confirmed	2007			SU	G5T5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Jersey Jair Underwing <i>Catocala jair ssp. 2</i>	Moths	Recently Confirmed	2007	Special Concern		S1S2	G4?T4?
Marsh Fern Moth <i>Fagitana littera</i>	Moths	Recently Confirmed	2012			S1S3	G4
Melsheimer's Sack Bearer <i>Cicinnus melsheimeri</i>	Moths	Recently Confirmed	2007			S1	G4
Mottled Duskywing <i>Erynnis martialis</i>	Butterflies and Skippers	Historically Confirmed	1966	Special Concern		S1	G3
Northern Oak Hairstreak <i>Satyrium favonius ontario</i>	Butterflies and Skippers	Possible but not Confirmed				S2S4	G4T4
Orange Holomelina <i>Virbia aurantiaca</i>	Moths	Recently Confirmed	2006			SU	G5
Orange-striped Oakworm Moth <i>Anisota senatoria</i>	Moths	Recently Confirmed	2006			SU	G5
Packard's Lichen Moth <i>Cisthene packardii</i>	Moths	Recently Confirmed	2013			SU	G5
Pale Green Pinion Moth <i>Lithophane viridipallens</i>	Moths	Recently Confirmed	2005			S1	G5
Persius Duskywing <i>Erynnis persius persius</i>	Butterflies and Skippers	Historically Confirmed	1966	Endangered		S1	G5T1T3
Pin-striped Slug Moth <i>Monoleuca semifascia</i>	Moths	Recently Confirmed	2006			S1	G4G5
Pine Barrens Zale <i>Zale lunifera</i>	Moths	Recently Confirmed	2007			SU	G5
Pine Barrens Zanclognatha <i>Zanclognatha martha</i>	Moths	Recently Confirmed	2013			S1S2	G4
Pine Devil <i>Citheronia sepulcralis</i>	Moths	Recently Confirmed	1984			S1	G4G5
Pine Tussock Moth <i>Dasychira pinicola</i>	Moths	Recently Confirmed	2006			SU	G4
Pink Sallow <i>Psectraglaea carnosa</i>	Moths	Recently Confirmed	2013			S2	G3

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Pink Star Moth <i>Derrima stellata</i>	Moths	Recently Confirmed	2007			S1	G4
Pitcher Plant Borer Moth <i>Papaipema appassionata</i>	Moths	Recently Confirmed	1987			SU	G4
Plain Schizura <i>Schizura apicalis</i>	Moths	Recently Confirmed	2007			SU	G3G4
Projecta Gray <i>Cleora projecta</i>	Moths	Recently Confirmed	2005			SU	G4
Red-banded Hairstreak <i>Calycopis cecrops</i>	Butterflies and Skippers	Recently Confirmed	2001			SU	G5
Regal Fritillary <i>Speyeria idalia</i>	Butterflies and Skippers	Recently Confirmed	1988	Endangered		SH	G3
Richard's Fungus Moth <i>Metalectra richardsi</i>	Moths	Recently Confirmed	2006			SU	G4
Slender Flower Moth <i>Schinia bifascia</i>	Moths	Recently Confirmed	1997			S1	G4Q
Spinose Flower Moth <i>Schinia spinosae</i>	Moths	Recently Confirmed	2007			SU	G4
Spiny Oakworm Moth <i>Anisota stigma</i>	Moths	Recently Confirmed	2006			SU	G5
Stinging Rose Caterpillar Moth <i>Parasa indetermina</i>	Moths	Recently Confirmed	2007			S1	G4
Switchgrass Dart <i>Dichagyris acclivis</i>	Moths	Recently Confirmed	2007			S2S3	G4G5
The Pink Streak <i>Dargida rubripennis</i>	Moths	Recently Confirmed	2000			SU	G3G4
Toothed Apharetra <i>Sympistis dentata</i>	Moths	Recently Confirmed	2006			S2S4	G4
Umber Moth <i>Hypomecis umbrosaria</i>	Moths	Recently Confirmed	2007			SU	G4
Variable Sallow <i>Sericaglaea signata</i>	Moths	Recently Confirmed	2006			S1	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Violet Dart <i>Euxoa violaris</i>	Moths	Recently Confirmed	2007			SU	G4
Waxed Sallow <i>Chaetagnalea cerata</i>	Moths	Recently Confirmed	2007			S1S3	G3G4
White-m Hairstreak <i>Parrhasius m-album</i>	Butterflies and Skippers	Recently Confirmed	2000			SU	G5
Yellow-spotted Graylet <i>Hyperstrotia flaviguttata</i>	Moths	Recently Confirmed	2007			SU	G4

## Animal: Dragonflies and Damselflies

Atlantic Bluet <i>Enallagma doubledayi</i>	Damselflies	Recently Confirmed				S1S2	G5
Blackwater Bluet <i>Enallagma weewa</i>	Damselflies	Recently Confirmed	2009			S1	G5
Blue Corporal <i>Ladona deplanata</i>	Dragonflies	Recently Confirmed				S2S3	G5
Comet Darner <i>Anax longipes</i>	Dragonflies	Recently Confirmed	2008			S2S3	G5
Common Sanddragon <i>Progomphus obscurus</i>	Dragonflies	Recently Confirmed	2008	Special Concern		S1	G5
Cyrano Darner <i>Nasiaeschna pentacantha</i>	Dragonflies	Recently Confirmed				S2S3	G5
Double-ringed Pennant <i>Celithemis verna</i>	Dragonflies	Recently Confirmed	2009			S1	G5
Golden-winged Skimmer <i>Libellula auripennis</i>	Dragonflies	Recently Confirmed	2008			S1S2	G5
Little Bluet <i>Enallagma minusculum</i>	Damselflies	Recently Confirmed	2009	Threatened		S1	G4
Lyre-tipped Spreadwing <i>Lestes unguiculatus</i>	Damselflies	Recently Confirmed				S2S3	G5
Mantled Baskettail <i>Epiptera semiaquea</i>	Dragonflies	Recently Confirmed	2008			S2	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Martha's Pennant <i>Celithemis martha</i>	Dragonflies	Recently Confirmed				S2	G4
Needham's Skimmer <i>Libellula needhami</i>	Dragonflies	Recently Confirmed	2015			S3	G5
New England Bluet <i>Enallagma laterale</i>	Damselflies	Recently Confirmed	2008			S3	G3G4
Pine Barrens Bluet <i>Enallagma recurvatum</i>	Damselflies	Recently Confirmed	2009	Threatened		S1	G3
Rambur's Forktail <i>Ischnura ramburii</i>	Damselflies	Recently Confirmed	2015			S2S3	G5
Scarlet Bluet <i>Enallagma pictum</i>	Damselflies	Recently Confirmed	2009	Threatened		S2	G3
Seaside Dragonlet <i>Erythrodiplax berenice</i>	Dragonflies	Recently Confirmed	2012			S2	G5
Southern Spreadwing <i>Lestes australis</i>	Damselflies	Recently Confirmed				S2S3	G5
Southern Sprite <i>Nehalennia integricollis</i>	Damselflies	Recently Confirmed	2009	Special Concern		S1	G5
Spatterdock Darner <i>Rhionaeschna mutata</i>	Dragonflies	Recently Confirmed	2008			S2	G4
Yellow-sided Skimmer <i>Libellula flavida</i>	Dragonflies	Historically Confirmed	1926			S1	G5

## Animal: Bees, Wasps, and Ants

Yellow Bumble Bee <i>Bombus (Thoracobombus) fervidus</i>	Bees	Recently Confirmed				S1	G4?
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## Animal: Beetles

American Burying Beetle <i>Nicrophorus americanus</i>	Carrion Beetles	Historically Confirmed	1937	Endangered	Endangered	SH	G2G3
Black Lordithon Rove Beetle <i>Lordithon niger</i>	Rove Beetles	Recently Confirmed	1997			S1	GU

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Eastern Pinebarrens Tiger Beetle <i>Cicindela abdominalis</i>	Tiger Beetles	Historically Confirmed	1917			SH	G3G4
Hairy-necked Tiger Beetle <i>Cicindela hirticollis</i>	Tiger Beetles	Recently Confirmed	2012			S1S2	G5
New Jersey Pine Barrens Tiger Beetle <i>Cicindela patruela consentanea</i>	Tiger Beetles	Historically Confirmed	1952			SH	G3T1T3
Nine-spotted Lady Beetle <i>Coccinella novemnotata</i>	Lady Beetles	Recently Confirmed	2011			S1	G2
Northeastern Beach Tiger Beetle <i>Cicindela dorsalis dorsalis</i>	Tiger Beetles	Extirpated	1945	Threatened	Threatened	SX	G4T2

## Animal: Animal Assemblages

Colonial Waterbird Nesting Area <i>Colonial Waterbird Nesting Area</i>	Animal Assemblages	Recently Confirmed	2004			S3	GNR
Gull Colony <i>Gull Colony</i>	Animal Assemblages	Recently Confirmed	2004			SNR	GNR
Seal Haul-out Site <i>Seal Haul-out Site</i>	Animal Assemblages	Recently Confirmed	2011			SNR	GNR

## Plant: Flowering Plants

Algae-like Pondweed <i>Potamogeton confervoides</i>	Other Flowering Plants	Historically Confirmed		Rare		S3	G4
American Bittersweet <i>Celastrus scandens</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
American Ipecac <i>Euphorbia ipecacuanhae</i>	Other Flowering Plants	Recently Confirmed	2008	Endangered		S1	G5
American Waterwort <i>Elatine americana</i>	Other Flowering Plants	Recently Confirmed	1974	Endangered		S1	G4
Angled Spikerush <i>Eleocharis quadrangulata</i>	Sedges	Recently Confirmed	2010	Endangered		S1	G4
Autumnal Water-starwort <i>Callitriche hermaphroditica</i>	Other Flowering Plants	Historically Confirmed	1927	Endangered		S1	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Barberry-leaved Hawthorn <i>Crataegus berberifolia</i>	Other Flowering Plants	Recently Confirmed		Endangered		S1	G4
Barratt's Sedge <i>Carex barrattii</i>	Sedges	Recently Confirmed	2010	Endangered		S1	G4
Bayard's Adder's-mouth Orchid <i>Malaxis bayardii</i>	Orchids	Historically Confirmed		Endangered		S1	G1G2
Bead Pinweed <i>Lechea pulchella</i> var. <i>moniliformis</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered		S1	G5T4
Bent Sedge <i>Carex styloflexa</i>	Sedges	Recently Confirmed	2010	Endangered		S1	G4G5
Bird's-foot Violet <i>Viola pedata</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Bitter Panic Grass <i>Panicum amarum</i>	Grasses	Recently Confirmed		Rare		S3	G5
Black Crowberry <i>Empetrum nigrum</i>	Other Flowering Plants	Extirpated	1924	Rare		S3	G5
Black-edge Sedge <i>Carex nigromarginata</i>	Sedges	Recently Confirmed	2008	Threatened		S2	G5
Black-fruited Spikerush <i>Eleocharis melanocarpa</i>	Sedges	Recently Confirmed		Rare		S3	G4
Blackjack Oak <i>Quercus marilandica</i> var. <i>marilandica</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5T4T5
Blunt Mountain-mint <i>Pycnanthemum muticum</i>	Other Flowering Plants	Recently Confirmed	2010	Threatened		S2S3	G5
Bog Aster <i>Oclemena nemoralis</i>	Asters, Goldenrods and Daisies	Recently Confirmed		Rare		S3	G5
Brown Bog Sedge <i>Carex buxbaumii</i>	Sedges	Recently Confirmed	1986	Threatened		S2	G5
Bush's Sedge <i>Carex bushii</i>	Sedges	Recently Confirmed		Rare		S3	G4
Bushy Rockrose <i>Crocianthemum dumosum</i>	Other Flowering Plants	Recently Confirmed	2010	Threatened		S2	G3

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Bushy St. John's-wort <i>Hypericum densiflorum</i>	Other Flowering Plants	Recently Confirmed	2000	Endangered		S1	G5
Butternut <i>Juglans cinerea</i>	Other Flowering Plants	Recently Confirmed				S4	G4
Button Sedge <i>Carex bullata</i>	Sedges	Recently Confirmed	2001	Endangered		S1	G5
Capitate Beakrush <i>Rhynchospora cephalantha</i>	Sedges	Extirpated				SX	G5
Carey's Smartweed <i>Persicaria careyi</i>	Other Flowering Plants	Recently Confirmed	2000	Endangered		S1S2	G4
Carolina Fimbry <i>Fimbristylis caroliniana</i>	Sedges	Historically Confirmed	1933			SX	G4
Carolina Redroot <i>Lachnanthes caroliniana</i>	Other Flowering Plants	Recently Confirmed	2005	Endangered		S1	G4
Carolina Whitlow-grass <i>Draba reptans</i>	Other Flowering Plants	Historically Confirmed	1926	Threatened		S2	G5
Cat-tail Sedge <i>Carex typhina</i>	Sedges	Recently Confirmed	2012	Endangered		S1	G5
Catfoot <i>Pseudognaphalium helleri ssp. micradenium</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1959	Endangered		SH	G4G5T3?
Clasping-leaved St. John's-wort <i>Hypericum gymnanthum</i>	Other Flowering Plants	Historically Confirmed	1933			SX	G4
Cloudberry <i>Rubus chamaemorus</i>	Other Flowering Plants	Possible but not Confirmed	1908			SX	G5
Clustered Bluets <i>Oldenlandia uniflora</i>	Other Flowering Plants	Recently Confirmed	2008	Endangered		S1	G5
Clustered Sedge <i>Carex cumulata</i>	Sedges	Historically Confirmed	1967	Threatened		S2S3	G4?
Coast Flatsedge <i>Cyperus polystachyos var. texensis</i>	Sedges	Recently Confirmed	2010	Endangered		S1S2	G5T5
Coast Violet <i>Viola brittoniana</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered		S1	G4G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Coastal Goldenrod <i>Solidago latissimifolia</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2006	Endangered		S1	G5
Coastal Silverweed <i>Argentina egedii ssp. groenlandica</i>	Other Flowering Plants	Recently Confirmed	2010	Threatened		S2	G5T4T5
Collins' Sedge <i>Carex collinsii</i>	Sedges	Recently Confirmed	2011	Endangered		S1	G4
Comb-leaved Mermaid-weed <i>Proserpinaca pectinata</i>	Other Flowering Plants	Recently Confirmed	2005	Threatened		S2	G5
Coppery St. John's-wort <i>Hypericum denticulatum</i>	Other Flowering Plants	Recently Confirmed	1996	Endangered		S1	G5
Crane-fly Orchid <i>Tipularia discolor</i>	Orchids	Recently Confirmed	2008	Endangered		S1	G4G5
Creeping Spikerush <i>Eleocharis fallax</i>	Sedges	Recently Confirmed	1997	Endangered		S1	G4G5
Creeping St. John's-wort <i>Hypericum adpressum</i>	Other Flowering Plants	Recently Confirmed	2010	Threatened		S2	G3
Crested Fringed Orchid <i>Platanthera cristata</i>	Orchids	Recently Confirmed	2013	Endangered		S1	G5
Cross-leaf Milkwort <i>Polygala cruciata var. aquilonia</i>	Other Flowering Plants	Recently Confirmed		Rare		S3?	G5T4
Curly-heads <i>Clematis ochroleuca</i>	Other Flowering Plants	Possible but not Confirmed				SX	G4
Cut-leaved Evening-primrose <i>Oenothera laciniata</i>	Other Flowering Plants	Recently Confirmed	1990	Endangered		S1	G5
Dark-green sedge <i>Carex venusta</i>	Sedges	Recently Confirmed	1999	Endangered		S1	G4
Dew-thread <i>Drosera filiformis</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G4
Doubtful Toad-rush <i>Juncus ambiguus</i>	Rushes	Recently Confirmed	1994	Endangered		S1	G5
Downy Hawthorn <i>Crataegus mollis</i>	Other Flowering Plants	Recently Confirmed		Endangered		S1	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Downy Lettuce <i>Lactuca hirsuta</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1936	Endangered		S1	G5?
Downy Milk-pea <i>Galactia volubilis</i>	Other Flowering Plants	Extirpated	1878			SX	G5
Dragon's Mouth Orchid <i>Arethusa bulbosa</i>	Orchids	Recently Confirmed	2010	Threatened		S2	G4
Drowned Beakrush <i>Rhynchospora inundata</i>	Sedges	Recently Confirmed	2005	Threatened		S2	G4?
Dune Sandspur <i>Cenchrus tribuloides</i>	Grasses	Recently Confirmed	1996	Threatened		S2	G5
Dwarf Bulrush <i>Lipocarpa micrantha</i>	Sedges	Recently Confirmed	2005	Endangered		S1	G5
Dwarf Glasswort <i>Salicornia bigelovii</i>	Other Flowering Plants	Recently Confirmed	2014	Threatened		S2S3	G5
Dwarf Hawthorn <i>Crataegus uniflora</i>	Other Flowering Plants	Historically Confirmed	1916	Endangered		S1	G5
Dwarf Umbrella-sedge <i>Fuirena pumila</i>	Sedges	Recently Confirmed		Rare		S3	G4
Early Frostweed <i>Crocanthemum propinquum</i>	Other Flowering Plants	Recently Confirmed	2010	Threatened		S2S3	G4
Eastern Grasswort <i>Lilaeopsis chinensis</i>	Other Flowering Plants	Recently Confirmed	2007	Threatened		S2	G5
Emmons' Sedge <i>Carex albicans var. emmonsii</i>	Sedges	Recently Confirmed	1984	Rare		S3	G5T5
Engelmann's Spikerush <i>Eleocharis engelmannii</i>	Sedges	Recently Confirmed	1990	Endangered		S1	G4G5
Erect Knotweed <i>Polygonum erectum</i>	Other Flowering Plants	Historically Confirmed				S2S3	G5
Estuary Beggar-ticks <i>Bidens hyperborea var. hyperborea</i>	Asters, Goldenrods and Daisies	Recently Confirmed		Endangered		S1	G4T2T4
False Hop Sedge <i>Carex lupuliformis</i>	Sedges	Historically Confirmed		Threatened		S2	G4

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Farwell's Water-milfoil <i>Myriophyllum farwellii</i>	Other Flowering Plants	Possible but not Confirmed	2008	Threatened		S2	G5
Fascicled False Foxglove <i>Agalinis fasciculata</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Featherfoil <i>Hottonia inflata</i>	Other Flowering Plants	Recently Confirmed	1995	Threatened		S2	G4
Fernald's Sedge <i>Carex merritt-fernaldii</i>	Sedges	Recently Confirmed	2003	Threatened		S2S3	G5
Few-flowered Nutrush <i>Scleria pauciflora</i> var. <i>caroliniana</i>	Sedges	Recently Confirmed	1996	Endangered		S1	G5T4T5
Few-flowered Panic Grass <i>Dichantheium oligosanthes</i> var. <i>oligosanthes</i>	Grasses	Recently Confirmed		Endangered		S1	G5T5?
Fibrous Bladderwort <i>Utricularia striata</i>	Other Flowering Plants	Recently Confirmed	2005	Threatened		S2	G4G5
Field Beadgrass <i>Paspalum laeve</i>	Grasses	Recently Confirmed	2010	Endangered		S1	G4G5
Field Dodder <i>Cuscuta campestris</i>	Other Flowering Plants	Recently Confirmed		Endangered		S1	G5
Five-angled Field-dodder <i>Cuscuta pentagona</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G4G5
Flax-leaf Whitetop <i>Sericocarpus linifolius</i>	Asters, Goldenrods and Daisies	Recently Confirmed	1997	Threatened		S2	G5
Flowering Pixiemoss <i>Pyxidantha barbulata</i>	Other Flowering Plants	Recently Confirmed	2011	Endangered		S1	G4
Fringed Boneset <i>Eupatorium torreyanum</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2010	Threatened		S2	G5T4T5
Georgia Bulrush <i>Scirpus georgianus</i>	Sedges	Recently Confirmed	1994	Endangered		S1	G5
Giant Beardgrass <i>Saccharum giganteum</i>	Grasses	Possible but not Confirmed	1833			SX	G5
Globe Beakrush <i>Rhynchospora recognita</i>	Sedges	Extirpated	1924			SX	G5?

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Globe-fruited Ludwigia <i>Ludwigia sphaerocarpa</i>	Other Flowering Plants	Recently Confirmed	2005	Threatened		S2	G5
Golden Club <i>Orontium aquaticum</i>	Other Flowering Plants	Recently Confirmed	2004	Threatened		S2	G5
Golden Dock <i>Rumex fueginus</i>	Other Flowering Plants	Recently Confirmed	2000	Endangered		S1	G5T4T5
Great Plains Flatsedge <i>Cyperus lupulinus ssp. lupulinus</i>	Sedges	Recently Confirmed	2002	Threatened		S2	G5T5?
Green Milkweed <i>Asclepias viridiflora</i>	Other Flowering Plants	Possible but not Confirmed		Threatened		S2	G5
Green Parrot's-feather <i>Myriophyllum pinnatum</i>	Other Flowering Plants	Recently Confirmed	2002	Endangered		S1	G5
Green Rock-cress <i>Boechera missouriensis</i>	Other Flowering Plants	Historically Confirmed		Threatened		S2	G5
Gypsy-wort <i>Lycopus rubellus</i>	Other Flowering Plants	Recently Confirmed	1977	Endangered		S1	G5
Hairy Angelica <i>Angelica venenosa</i>	Other Flowering Plants	Historically Confirmed		Rare		S3	G5
Hairy Woodrush <i>Luzula bulbosa</i>	Rushes	Recently Confirmed	2010	Rare		S3	G5
Heart Sorrel <i>Rumex hastatulus</i>	Other Flowering Plants	Recently Confirmed	1986	Endangered		SH	G5
Hiddenfruit Bladderwort <i>Utricularia geminiscapa</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G4G5
Houghton's Flatsedge <i>Cyperus houghtonii</i>	Sedges	Recently Confirmed		Rare		S3	G4?
Hyssop-skullcap <i>Scutellaria integrifolia</i>	Other Flowering Plants	Historically Confirmed	1924	Endangered		S1	G5
Illinois Pinweed <i>Lechea racemulosa</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Kidneyleaf Mud-plantain <i>Heteranthera reniformis</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Knotted Spikerush <i>Eleocharis equisetoides</i>	Sedges	Recently Confirmed	2005	Threatened		S2	G4
Large Calyx Goosefoot <i>Chenopodium berlandieri</i> var. <i>macrocalycium</i>	Other Flowering Plants	Recently Confirmed	1990	Endangered		S1S2	G5T4
Large Fruited Fireweed <i>Erechtites hieraciifolius</i> var. <i>megalocarpus</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2002	Endangered		S1	G5T3
Large Grass-leaved Rush <i>Juncus biflorus</i>	Rushes	Recently Confirmed	1990	Endangered		S1	G5
Large Twayblade <i>Liparis liliifolia</i>	Orchids	Historically Confirmed		Endangered		S1	G5
Large Yellow-eyed-grass <i>Xyris smalliana</i>	Other Flowering Plants	Recently Confirmed	1985	Threatened		S2	G5
Lesser Bladderwort <i>Utricularia minor</i>	Other Flowering Plants	Historically Confirmed		Rare		S3	G5
Lined Sedge <i>Carex striatula</i>	Sedges	Historically Confirmed		Endangered		S1	G4G5
Little-leaf Tick-trefoil <i>Desmodium ciliare</i>	Other Flowering Plants	Recently Confirmed	2010	Threatened		S2S3	G5
Live-forever <i>Hylotelephium telephioides</i>	Other Flowering Plants	Historically Confirmed	1873	Endangered		SH	G4
Long's Bittercress <i>Cardamine longii</i>	Other Flowering Plants	Recently Confirmed	1988	Threatened		S2	G3?
Long-awn Hairgrass <i>Muhlenbergia capillaris</i>	Grasses	Extirpated	1871			SX	G5
Long-beaked Beakrush <i>Rhynchospora scirpoides</i>	Sedges	Recently Confirmed	2008	Rare		S3	G4
Long-tubercled Spikerush <i>Eleocharis tuberculosa</i>	Sedges	Recently Confirmed	1991	Threatened		S2	G5
Loose-headed Beakrush <i>Rhynchospora chalarocephala</i>	Sedges	Extirpated	1932			SX	G5
Low Nutrush <i>Scleria verticillata</i>	Sedges	Possible but not Confirmed		Endangered		S1	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Lowland Yellow Loosestrife <i>Lysimachia hybrida</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered		S1	G5
Marsh Fimbry <i>Fimbristylis castanea</i>	Sedges	Recently Confirmed	2010	Threatened		S2	G5
Marsh Straw Sedge <i>Carex hormathodes</i>	Sedges	Recently Confirmed	2014	Threatened		S2S3	G4G5
Maryland Milkwort <i>Polygala mariana</i>	Other Flowering Plants	Historically Confirmed	1939			SX	G5
Meadow-beauty <i>Rhexia mariana var. mariana</i>	Other Flowering Plants	Extirpated	1923			SX	G5T5
Mexican Seaside Goldenrod <i>Solidago sempervirens var. mexicana</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2007	Endangered		S1	G5T5?
Michaux's Blue-eyed-grass <i>Sisyrinchium mucronatum</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered		S1	G5
Midland Sedge <i>Carex mesochorea</i>	Sedges	Recently Confirmed	1998	Threatened		S2	G4G5
Minute Duckweed <i>Lemna perpusilla</i>	Other Flowering Plants	Recently Confirmed	1995	Endangered		S1	G5
Mitchell's Sedge <i>Carex mitchelliana</i>	Sedges	Recently Confirmed	1999	Endangered		S1S2	G4
Mock Bishop's-weed <i>Ptilimnium capillaceum</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Mock-pennyroyal <i>Hedeoma hispida</i>	Other Flowering Plants	Historically Confirmed		Threatened		S2S3	G5
Mudwort <i>Limosella australis</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G4G5
Muhlenberg's Sedge <i>Carex muehlenbergii var. enervis</i>	Sedges	Historically Confirmed		Rare		S3	G5T5
Nantucket Juneberry <i>Amelanchier nantucketensis</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered		S1	G3Q
Narrow-leaf Sea-blite <i>Suaeda linearis</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered		S1	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Narrow-leaved Bush-clover <i>Lespedeza angustifolia</i>	Other Flowering Plants	Recently Confirmed	1986	Threatened		S2	G5
Northern Blazing-star <i>Liatris scariosa var. novae-angliae</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2010	Threatened		S2	G5?T3
Northern Bog Aster <i>Symphyotrichum boreale</i>	Asters, Goldenrods and Daisies	Possible but not Confirmed		Threatened		S2	G5
Northern Dwarf Huckleberry <i>Gaylussacia bigeloviana</i>	Other Flowering Plants	Recently Confirmed	2003	Endangered		S1S2	G5T4T5
Northern Gama Grass <i>Tripsacum dactyloides</i>	Grasses	Recently Confirmed	2007	Threatened		S2	G5
Northern Sand-spurry <i>Spergularia canadensis var. canadensis</i>	Other Flowering Plants	Extirpated	1887			SX	G5T5
Northern Tansy-mustard <i>Descurainia pinnata ssp. brachycarpa</i>	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5T5
Nuttall's Lobelia <i>Lobelia nuttallii</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G4G5
Nuttall's Milkwort <i>Polygala nuttallii</i>	Other Flowering Plants	Recently Confirmed	2010	Threatened		S2	G5
Nuttall's Tick-trefoil <i>Desmodium nuttallii</i>	Other Flowering Plants	Possible but not Confirmed		Endangered		SH	G5
Oakes' Evening-primrose <i>Oenothera oakesiana</i>	Other Flowering Plants	Recently Confirmed	2011	Threatened		S2	G4G5Q
Orange Fringed Orchid <i>Platanthera ciliaris</i>	Orchids	Recently Confirmed	2010	Endangered		S1	G5
Orange Milkwort <i>Polygala lutea</i>	Other Flowering Plants	Recently Confirmed	2006	Endangered		S1	G5
Ovate Spikerush <i>Eleocharis ovata</i>	Sedges	Recently Confirmed	2008	Endangered		S1S2	G5
Pale Beakrush <i>Rhynchospora pallida</i>	Sedges	Historically Confirmed		Endangered		SH	G3
Pale Duckweed <i>Lemna valdiviana</i>	Other Flowering Plants	Historically Confirmed	1974	Endangered		S1	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Panic Grass <i>Panicum anceps</i>	Grasses	Historically Confirmed	1921			SX	G5
Peanut Grass <i>Amphicarpum purshii</i>	Grasses	Recently Confirmed	1992	Endangered		S1	G4
Pencil-flower <i>Stylosanthes biflora</i>	Other Flowering Plants	Historically Confirmed	1914			SX	G5
Persimmon <i>Diospyros virginiana</i>	Other Flowering Plants	Recently Confirmed	2001	Threatened		S2	G5
Pickering's Reedgrass <i>Calamagrostis pickeringii</i>	Grasses	Recently Confirmed		Rare		S3	G4
Pine Barren Bellwort <i>Uvularia puberula</i>	Other Flowering Plants	Recently Confirmed	2002	Endangered		S1	G5
Pine-barren Sandwort <i>Minuartia caroliniana</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Pinebarren Death Camas <i>Stenanthium leimanthoides</i>	Other Flowering Plants	Historically Confirmed	1929			SX	G4Q
Pink Milkwort <i>Polygala incarnata</i>	Other Flowering Plants	Possible but not Confirmed	1915			SX	G5
Pink Wild Bean <i>Strophostyles umbellata</i>	Other Flowering Plants	Historically Confirmed	1933	Endangered		S1	G5
Possum-haw <i>Viburnum nudum var. nudum</i>	Other Flowering Plants	Recently Confirmed	1995	Endangered		S1	G5T5
Prairie Wedgegrass <i>Sphenopholis obtusata</i>	Grasses	Historically Confirmed	1912	Endangered		S1	G5
Prickly Hornwort <i>Ceratophyllum echinatum</i>	Other Flowering Plants	Historically Confirmed		Rare		S3	G4?
Primrose-leaf Violet <i>Viola primulifolia</i>	Other Flowering Plants	Recently Confirmed	2010	Threatened		S2	G5
Purple Bluets <i>Houstonia purpurea var. purpurea</i>	Other Flowering Plants	Historically Confirmed	1925	Endangered		SH	G5T5
Purple Milkweed <i>Asclepias purpurascens</i>	Other Flowering Plants	Recently Confirmed	1991	Threatened		S2S3	G5?

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Quill-leaf Arrowhead <i>Sagittaria teres</i>	Other Flowering Plants	Recently Confirmed	2005	Endangered		S1	G3
Rattlebox <i>Crotalaria sagittalis</i>	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5
Red Milkweed <i>Asclepias rubra</i>	Other Flowering Plants	Possible but not Confirmed	1928			SX	G4G5
Red Pigweed <i>Chenopodium rubrum</i>	Other Flowering Plants	Recently Confirmed	1992	Threatened		S2	G5
Red-rooted Flatsedge <i>Cyperus erythrorhizos</i>	Sedges	Recently Confirmed		Rare		S3	G5
Reflexed Sedge <i>Carex retroflexa</i>	Sedges	Historically Confirmed		Threatened		S2S3	G5
Reticulate Nutrush <i>Scleria muehlenbergii</i>	Sedges	Recently Confirmed	2005	Endangered		S1	G5
Reticulated Nutrush <i>Scleria reticularis</i>	Sedges	Recently Confirmed		Rare		S3	G4
Retorse Flatsedge <i>Cyperus retrorsus</i> var. <i>retrorsus</i>	Sedges	Recently Confirmed	2003	Endangered		S1	G5T5
Reznicek's Sedge <i>Carex reznicekii</i>	Sedges	Recently Confirmed	2008	Endangered		S1S2	G5
River Birch <i>Betula nigra</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Riverweed <i>Podostemum ceratophyllum</i>	Other Flowering Plants	Historically Confirmed		Threatened		S2	G5
Robbins Spikerush <i>Eleocharis robbinsii</i>	Sedges	Recently Confirmed		Rare		S3	G4G5
Roland's Sea-blite <i>Suaeda rolandii</i>	Other Flowering Plants	Recently Confirmed	2003	Endangered		S1	G1G2
Rose Coreopsis <i>Coreopsis rosea</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2014	Rare		S3	G3
Rough Avens <i>Geum virginianum</i>	Other Flowering Plants	Recently Confirmed		Threatened		S2	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Rough Hedge-nettle <i>Stachys hyssopifolia</i>	Other Flowering Plants	Recently Confirmed	2007	Threatened		S2	G4G5
Rough Panic Grass <i>Dichanthelium scabriusculum</i>	Grasses	Recently Confirmed		Endangered		SH	G4
Rough Rush-grass <i>Sporobolus clandestinus</i>	Grasses	Recently Confirmed	1985	Endangered		S1	G5
Round-leaf Boneset <i>Eupatorium rotundifolium</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1968	Endangered		SH	G5
Rush Bladderwort <i>Utricularia juncea</i>	Other Flowering Plants	Recently Confirmed	1997	Endangered		S1	G5
Rusty Flatsedge <i>Cyperus odoratus</i>	Sedges	Recently Confirmed		Rare		S3	G5
Salt-marsh Spikerush <i>Eleocharis uniglumis var. halophila</i>	Sedges	Recently Confirmed	2003	Threatened		S2	G4
Salt-meadow Grass <i>Leptochloa fusca ssp. fuscicularis</i>	Grasses	Recently Confirmed	1998	Endangered		S1	G5T5
Saltmarsh Aster <i>Symphyotrichum subulatum var. subulatum</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2012	Threatened		S2	G5T5
Saltmarsh Bulrush <i>Bolboschoenus novae-angliae</i>	Sedges	Recently Confirmed	2007	Endangered		S1	G5
Saltmarsh Loosestrife <i>Lythrum lineare</i>	Other Flowering Plants	Recently Confirmed	2007	Endangered		S1	G5
Sand Blackberry <i>Rubus cuneifolius</i>	Other Flowering Plants	Historically Confirmed	1962	Endangered		SH	G5
Sandplain Gerardia <i>Agalinis acuta</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered	Endangered	S1	G1
Sandplain Wild Flax <i>Linum intercursum</i>	Other Flowering Plants	Recently Confirmed	2005	Threatened		S2	G4
Scirpus-like Rush <i>Juncus scirpoides</i>	Rushes	Recently Confirmed	2009	Endangered		S1	G5
Scotch Lovage <i>Ligusticum scothicum ssp. scothicum</i>	Other Flowering Plants	Recently Confirmed	2006	Endangered		S1	G5T4T5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Screw-stem <i>Bartonia paniculata</i> ssp. <i>paniculata</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered		S1	G5T5
Sea Purslane <i>Sesuvium maritimum</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered		S1	G5
Sea-pink <i>Sabatia stellaris</i>	Other Flowering Plants	Recently Confirmed	2009	Threatened		S2	G5
Seabeach Amaranth <i>Amaranthus pumilus</i>	Other Flowering Plants	Recently Confirmed	2008	Threatened	Threatened	S2	G2
Seabeach Knotweed <i>Polygonum glaucum</i>	Other Flowering Plants	Recently Confirmed	2014	Rare		S3	G3
Seacoast Angelica <i>Angelica lucida</i>	Other Flowering Plants	Recently Confirmed	1995	Threatened		S2	G5
Seaside Bulrush <i>Bolboschoenus maritimus</i> ssp. <i>paludosus</i>	Sedges	Recently Confirmed	2009	Threatened		S2	G5
Seaside Crowfoot <i>Ranunculus cymbalaria</i>	Other Flowering Plants	Historically Confirmed		Endangered		SH	G5
Seaside Dock <i>Rumex persicarioides</i>	Other Flowering Plants	Historically Confirmed		Endangered		SH	G5T3?Q
Seaside Gerardia <i>Agalinis maritima</i> var. <i>maritima</i>	Other Flowering Plants	Recently Confirmed	2012	Threatened		S2S3	G5T5
Seaside Orach <i>Atriplex glabriuscula</i>	Other Flowering Plants	Recently Confirmed	1992	Endangered		S1	G4
Seaside Plantain <i>Plantago maritima</i> var. <i>juncooides</i>	Other Flowering Plants	Recently Confirmed	2012	Threatened		S2S3	G5T5
Serrate Round-leaf Boneset <i>Eupatorium pubescens</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2009	Endangered		S1	G5T5
Sessile Dodder <i>Cuscuta compacta</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Short's Sedge <i>Carex shortiana</i>	Sedges	Historically Confirmed		Endangered		S1	G5
Short-beaked Beakrush <i>Rhynchospora nitens</i>	Sedges	Recently Confirmed	2009	Threatened		S2	G4?

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Short-fruit Rush <i>Juncus brachycarpus</i>	Rushes	Recently Confirmed	2010	Endangered		S1	G4G5
Showy Aster <i>Eurybia spectabilis</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2006	Threatened		S2	G5
Shrubby St. John's-wort <i>Hypericum prolificum</i>	Other Flowering Plants	Recently Confirmed	2003	Threatened		S2	G5
Side-oats Grama <i>Bouteloua curtipendula</i> var. <i>curtipendula</i>	Grasses	Historically Confirmed	1920	Endangered		S1	G5T5
Silvery Aster <i>Symphotrichum concolor</i> var. <i>concolor</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2001	Endangered		S1	G5T5
Slender Blue Flag <i>Iris prismatica</i>	Other Flowering Plants	Recently Confirmed	2010	Threatened		S2	G4G5
Slender Bulrush <i>Schoenoplectus heterochaetus</i>	Sedges	Historically Confirmed	1923	Endangered		S1	G5
Slender Crabgrass <i>Digitaria filiformis</i>	Grasses	Recently Confirmed	1999	Endangered		S1	G5
Slender Knotweed <i>Polygonum tenue</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Slender Marsh-pink <i>Sabatia campanulata</i>	Other Flowering Plants	Recently Confirmed	2006	Endangered		S1	G5
Slender Nutrush <i>Scleria minor</i>	Sedges	Recently Confirmed	2010	Endangered		S1	G4
Slender Pinweed <i>Lechea tenuifolia</i>	Other Flowering Plants	Recently Confirmed	2001	Threatened		S2	G5
Slender Saltmarsh Aster <i>Symphotrichum tenuifolium</i> var. <i>tenuifolium</i>	Asters, Goldenrods and Daisies	Recently Confirmed		Rare		S3	G5
Slender Spikegrass <i>Chasmanthium laxum</i>	Grasses	Recently Confirmed	1996	Endangered		S1	G5
Slender Spikerush <i>Eleocharis tenuis</i> var. <i>pseudoptera</i>	Sedges	Recently Confirmed	2001	Endangered		S1	G5T5?
Small Floating Bladderwort <i>Utricularia radiata</i>	Other Flowering Plants	Recently Confirmed	2000	Threatened		S2	G4

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Small White Snakeroot <i>Ageratina aromatica</i> var. <i>aromatica</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2010	Endangered		S1	G5T5
Small Whorled Pogonia <i>Isotria medeoloides</i>	Orchids	Historically Confirmed	1923	Endangered	Threatened	S1	G2
Small's Knotweed <i>Polygonum aviculare</i> ssp. <i>buxiforme</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered		S1	G5
Small-flowered Crowfoot <i>Ranunculus micranthus</i>	Other Flowering Plants	Historically Confirmed		Rare		S3	G5
Small-flowered Pearlwort <i>Sagina decumbens</i> ssp. <i>decumbens</i>	Other Flowering Plants	Recently Confirmed	2003	Endangered		S1	G5T5
Smartweed Dodder <i>Cuscuta polygonorum</i>	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5
Smooth Bur-marigold <i>Bidens laevis</i>	Asters, Goldenrods and Daisies	Possible but not Confirmed		Threatened		S2	G5
Smooth Tick-trefoil <i>Desmodium laevigatum</i>	Other Flowering Plants	Historically Confirmed	1962	Endangered		SH	G5
Soapwort Gentian <i>Gentiana saponaria</i>	Other Flowering Plants	Historically Confirmed	1933	Endangered		S1	G5
Sooty Beakrush <i>Rhynchospora fusca</i>	Sedges	Recently Confirmed		Rare		S3S4	G4G5
Southern Arrowwood <i>Viburnum dentatum</i> var. <i>venosum</i>	Other Flowering Plants	Recently Confirmed	2003	Threatened		S2	G5T4T5
Southern Bluets <i>Houstonia purpurea</i> var. <i>calycosa</i>	Other Flowering Plants	Historically Confirmed	1925	Endangered		SH	G5T5
Southern Dodder <i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	Other Flowering Plants	Recently Confirmed	2007	Endangered		S1	G5T4T5
Southern Twayblade <i>Listera australis</i>	Orchids	Recently Confirmed	2010	Endangered		S1S2	G4
Southern Wood Violet <i>Viola hirsutula</i>	Other Flowering Plants	Historically Confirmed		Endangered		SH	G4
Southern Yellow Flax <i>Linum medium</i> var. <i>texanum</i>	Other Flowering Plants	Recently Confirmed	1992	Threatened		S2	G5T5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Spiny Woodrush <i>Luzula echinata</i>	Rushes	Recently Confirmed		Rare		S3	G5
Spotted Pondweed <i>Potamogeton pulcher</i>	Other Flowering Plants	Recently Confirmed	1991	Threatened		S2	G5
Spring Ladies'-tresses <i>Spiranthes vernalis</i>	Orchids	Recently Confirmed	2008	Endangered		S1	G5
St. Andrew's Cross <i>Hypericum hypericoides ssp. multicaule</i>	Other Flowering Plants	Recently Confirmed	2001	Endangered		S1	G5T4
Stargrass <i>Aletris farinosa</i>	Other Flowering Plants	Recently Confirmed	2010	Threatened		S2	G5
Stiff Cowbane <i>Oxypolis rigidior</i>	Other Flowering Plants	Historically Confirmed		Endangered		SH	G5
Stiff Tick-trefoil <i>Desmodium obtusum</i>	Other Flowering Plants	Recently Confirmed	2007	Endangered		S1	G4G5
Stiff Yellow Flax <i>Linum striatum</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Straw Sedge <i>Carex straminea</i>	Sedges	Recently Confirmed	1990	Endangered		S1	G5
Swamp Agrimony <i>Agrimonia parviflora</i>	Other Flowering Plants	Possible but not Confirmed		Rare		S3	G5
Swamp Aster <i>Eurybia radula</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1945	Endangered		SH	G5
Swamp Cottonwood <i>Populus heterophylla</i>	Other Flowering Plants	Recently Confirmed	2012	Threatened		S2	G5
Swamp Lousewort <i>Pedicularis lanceolata</i>	Other Flowering Plants	Historically Confirmed	1871	Threatened		S2	G5
Swamp Oats <i>Sphenopholis pensylvanica</i>	Grasses	Recently Confirmed	1991	Endangered		S1	G4
Swamp Smartweed <i>Persicaria setacea</i>	Other Flowering Plants	Recently Confirmed	1992	Endangered		S1S2	G5
Swamp Sunflower <i>Helianthus angustifolius</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2006	Threatened		S2	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Sweetbay Magnolia <i>Magnolia virginiana</i>	Other Flowering Plants	Recently Confirmed	2001	Endangered		S1	G5
Tall Beakrush <i>Rhynchospora macrostachya</i>	Sedges	Recently Confirmed		Rare		S3	G4
Tall Bellflower <i>Campanulastrum americanum</i>	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5
Tall Flat Panic Grass <i>Panicum rigidulum</i> var. <i>elongatum</i>	Grasses	Historically Confirmed	1934	Endangered		SH	G5T4T5
Tall Thistle <i>Cirsium altissimum</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1929			SX	G5
Terrestrial Starwort <i>Callitriche terrestris</i>	Other Flowering Plants	Recently Confirmed	1996	Threatened		S2S3	G5
Thicket Sedge <i>Carex abscondita</i>	Sedges	Recently Confirmed	1994	Endangered		S1	G4G5
Thickleaf Orach <i>Atriplex dioica</i>	Other Flowering Plants	Historically Confirmed	1920	Endangered		S1	G4?
Three-ribbed Spikerush <i>Eleocharis tricostata</i>	Sedges	Recently Confirmed	2005	Endangered		S1	G4
Tiny Blue-curly <i>Trichostema setaceum</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered		S1	G5
Tooth-cup <i>Rotala ramosior</i>	Other Flowering Plants	Recently Confirmed	2005	Threatened		S2	G5
Torrey's Beakrush <i>Rhynchospora torreyana</i>	Sedges	Extirpated	1929			SX	G4
Torrey's Mountain-mint <i>Pycnanthemum torrei</i>	Other Flowering Plants	Possible but not Confirmed		Endangered		S1	G2
Trailing Bush-clover <i>Lespedeza repens</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Trinerved White Boneset <i>Eupatorium album</i> var. <i>subvenosum</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2004	Threatened		S2S3	G5T4
Variable Sedge <i>Carex polymorpha</i>	Sedges	Extirpated	1929			SX	G3

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Velvet Panic Grass <i>Dichanthelium scoparium</i>	Grasses	Recently Confirmed	2008	Endangered		S1	G5
Velvety Bush-clover <i>Lespedeza stuevei</i>	Other Flowering Plants	Recently Confirmed	2007	Threatened		S2	G4?
Violet Bush-clover <i>Lespedeza frutescens</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Violet Wood-sorrel <i>Oxalis violacea</i>	Other Flowering Plants	Recently Confirmed		Threatened		S2S3	G5
Virginia Bunchflower <i>Melanthium virginicum</i>	Other Flowering Plants	Possible but not Confirmed		Endangered		SH	G5
Virginia False Gromwell <i>Onosmodium virginianum</i>	Other Flowering Plants	Historically Confirmed	1929	Endangered		S1	G4
Virginia Ground-cherry <i>Physalis virginiana var. virginiana</i>	Other Flowering Plants	Historically Confirmed	1929	Endangered		SH	G5T5
Virginia Three-seeded Mercury <i>Acalypha virginica</i>	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5
Walter's Sedge <i>Carex striata var. brevis</i>	Sedges	Recently Confirmed		Rare		S3	G4G5T4?
Water Pigmyweed <i>Crassula aquatica</i>	Other Flowering Plants	Recently Confirmed	1988	Endangered		S1	G5
Water-horehound <i>Lycopus amplexans</i>	Other Flowering Plants	Recently Confirmed		Threatened		S2	G5
Water-pennywort <i>Hydrocotyle umbellata</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Water-thread Pondweed <i>Potamogeton diversifolius</i>	Other Flowering Plants	Historically Confirmed	1938	Endangered		S1	G5
Weak Rush <i>Juncus debilis</i>	Rushes	Recently Confirmed	1983	Endangered		S1	G5
Weak Stellate Sedge <i>Carex seorsa</i>	Sedges	Recently Confirmed				S4	G4
Whip Nutrush <i>Scleria triglomerata</i>	Sedges	Recently Confirmed	2010	Endangered		S1	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
White Boneset <i>Eupatorium album var. album</i>	Asters, Goldenrods and Daisies	Historically Confirmed		Endangered		S1	G5T5
White Milkweed <i>Asclepias variegata</i>	Other Flowering Plants	Recently Confirmed	2010	Endangered		S1	G5
White-bracted Boneset <i>Eupatorium leucolepis var. leucolepis</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2001	Endangered		S1	G5T5
White-edge Sedge <i>Carex debilis var. debilis</i>	Sedges	Recently Confirmed	2012	Threatened		S2	G5T5
Whorled Milkweed <i>Asclepias verticillata</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Whorled Mountain-mint <i>Pycnanthemum verticillatum var. verticillatum</i>	Other Flowering Plants	Recently Confirmed	1997	Endangered		S1S2	G5T5
Whorled-pennywort <i>Hydrocotyle verticillata</i>	Other Flowering Plants	Recently Confirmed	2004	Endangered		S1	G5
Wild Comfrey <i>Cynoglossum virginianum var. virginianum</i>	Other Flowering Plants	Historically Confirmed		Endangered		SH	G5T5
Wild Lupine <i>Lupinus perennis</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5
Wild Parsnip <i>Berula erecta</i>	Other Flowering Plants	Extirpated	1938			SX	G4G5
Wild Pink <i>Silene caroliniana ssp. pennsylvanica</i>	Other Flowering Plants	Recently Confirmed	2008	Threatened		S2	G5T4T5
Willdenow's Sedge <i>Carex willdenowii</i>	Sedges	Historically Confirmed		Rare		S2S3	G5
Willow Oak <i>Quercus phellos</i>	Other Flowering Plants	Extirpated		Endangered		S1	G5
Winter Grape <i>Vitis vulpina</i>	Other Flowering Plants	Historically Confirmed	1925	Endangered		S1	G5
Wiry Panic Grass <i>Panicum flexile</i>	Grasses	Possible but not Confirmed		Rare		S3	G5
Woodland Agrimony <i>Agrimonia rostellata</i>	Other Flowering Plants	Historically Confirmed	1932	Threatened		S2	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Woodland Rush <i>Juncus subcaudatus</i>	Rushes	Recently Confirmed		Endangered		S1	G5
Wright's Panic Grass <i>Dichantheium wrightianum</i>	Grasses	Recently Confirmed	2005	Endangered		S1S2	G4
Yellow Flatsedge <i>Cyperus flavescens</i>	Sedges	Recently Confirmed	2003	Endangered		S1	G5
Yellow Giant-hyssop <i>Agastache nepetoides</i>	Other Flowering Plants	Possible but not Confirmed		Threatened		S2S3	G5
Zigzag Bladderwort <i>Utricularia subulata</i>	Other Flowering Plants	Recently Confirmed		Rare		S3	G5

## Plant: Conifers

Atlantic White Cedar <i>Chamaecyparis thyoides</i>	Conifers	Recently Confirmed	2005	Threatened		S2	G4
Shortleaf Pine <i>Pinus echinata</i>	Conifers	Extirpated		Endangered		S1	G5
Virginia Pine <i>Pinus virginiana</i>	Conifers	Possible but not Confirmed	1878	Endangered		S1	G5

## Plant: Ferns and Fern Allies

Blunt-lobe Grape Fern <i>Botrychium oneidense</i>	Ferns	Recently Confirmed	2003	Threatened		S2S3	G4
Carolina Clubmoss <i>Pseudolycopodiella caroliniana</i>	Clubmosses	Recently Confirmed	2009	Endangered		S1	G5T4
Climbing Fern <i>Lygodium palmatum</i>	Ferns	Historically Confirmed		Endangered		S1	G4
Curlygrass Fern <i>Schizaea pusilla</i>	Ferns	Recently Confirmed	2004	Endangered		S1	G3G4
Lowland Fragile Fern <i>Cystopteris protrusa</i>	Ferns	Historically Confirmed	1919	Endangered		S1	G5
Meadow Horsetail <i>Equisetum pratense</i>	Horsetails	Historically Confirmed	1937	Threatened		S2	G5
Riverbank Quillwort <i>Isoetes riparia</i>	Quillworts	Historically Confirmed		Endangered		S1	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Southeastern Bracken <i>Pteridium aquilinum</i> var. <i>pseudocaudatum</i>	Ferns	Historically Confirmed		Endangered		SH	G5T5

## Natural Community: Uplands

Coastal Oak-Beech Forest <i>Coastal oak-beech forest</i>	Forested Uplands	Recently Confirmed	2004			S3	G4
Coastal Oak-Heath Forest <i>Coastal oak-heath forest</i>	Forested Uplands	Recently Confirmed	2010			S3	G4
Coastal Oak-Hickory Forest <i>Coastal oak-hickory forest</i>	Forested Uplands	Recently Confirmed	2012			S3	G4
Coastal Oak-Holly Forest <i>Coastal oak-holly forest</i>	Forested Uplands	Recently Confirmed	2010			S1	G2G3
Coastal Oak-Laurel Forest <i>Coastal oak-laurel forest</i>	Forested Uplands	Recently Confirmed	2003			S3	G3G4
Dwarf Pine Plains <i>Dwarf pine plains</i>	Barrens and Woodlands	Recently Confirmed	2013			S1	G1G2
Maritime Beach <i>Maritime beach</i>	Open Uplands	Recently Confirmed	2015			S3S4	G5
Maritime Beech Forest <i>Maritime beech forest</i>	Forested Uplands	Recently Confirmed	2004			S1	G2
Maritime Dunes <i>Maritime dunes</i>	Open Uplands	Recently Confirmed	2015			S3	G4
Maritime Grassland <i>Maritime grassland</i>	Open Uplands	Recently Confirmed	2007			S1	G2G3
Maritime Heathland <i>Maritime heathland</i>	Open Uplands	Recently Confirmed	2010			S1	G3
Maritime Holly Forest <i>Maritime holly forest</i>	Forested Uplands	Recently Confirmed	2000			S1	G1G2
Maritime Pitch Pine Dune Woodland <i>Maritime pitch pine dune woodland</i>	Barrens and Woodlands	Recently Confirmed	2010			S1	G2G3
Maritime Post Oak Forest <i>Maritime post oak forest</i>	Forested Uplands	Recently Confirmed	2010			S2S3	G3G4

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Maritime Red Cedar Forest <i>Maritime red cedar forest</i>	Forested Uplands	Recently Confirmed	1999			S1	G3G4
Maritime Shrubland <i>Maritime shrubland</i>	Open Uplands	Recently Confirmed	2010			S4	G4
Oak-Tulip Tree Forest <i>Oak-tulip tree forest</i>	Forested Uplands	Recently Confirmed	2001			S2S3	G4
Pitch Pine-Oak Forest <i>Pitch pine-oak forest</i>	Forested Uplands	Recently Confirmed	2013			S4	G4G5
Pitch Pine-Oak-Heath Woodland <i>Pitch pine-oak-heath woodland</i>	Barrens and Woodlands	Recently Confirmed	2014			S2S3	G3G4
Pitch Pine-Scrub Oak Barrens <i>Pitch pine-scrub oak barrens</i>	Barrens and Woodlands	Recently Confirmed	2004			S1	G2
Successional Maritime Forest <i>Successional maritime forest</i>	Forested Uplands	Recently Confirmed	2010			S3S4	G4

## Natural Community: Freshwater Nontidal Wetlands

Coastal Plain Atlantic White Cedar Swamp <i>Coastal plain Atlantic white cedar swamp</i>	Forested Peatlands	Recently Confirmed	2004			S1	G3G4
Coastal Plain Pond Shore <i>Coastal plain pond shore</i>	Open Mineral Soil Wetlands	Recently Confirmed	2013			S2	G3G4
Coastal Plain Poor Fen <i>Coastal plain poor fen</i>	Open Peatlands	Recently Confirmed	2010			S1	G3?
Highbush Blueberry Bog Thicket <i>Highbush blueberry bog thicket</i>	Open Peatlands	Recently Confirmed	2011			S3	G4
Maritime Freshwater Interdunal Swales <i>Maritime freshwater interdunal swales</i>	Open Mineral Soil Wetlands	Recently Confirmed	2010			S2	G3G4
Pine Barrens Shrub Swamp <i>Pine barrens shrub swamp</i>	Open Mineral Soil Wetlands	Recently Confirmed	2004			S3	G5
Red Maple-Blackgum Swamp <i>Red maple-blackgum swamp</i>	Forested Mineral Soil Wetlands	Recently Confirmed	2011			S2	G3G4
Red Maple-Hardwood Swamp <i>Red maple-hardwood swamp</i>	Forested Mineral Soil Wetlands	Recently Confirmed	2001			S4S5	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Red Maple-Swamp White Oak Swamp <i>Red maple-swamp white oak swamp</i>	Forested Mineral Soil Wetlands	Recently Confirmed	2013			S2	G4G5
Sea Level Fen <i>Sea level fen</i>	Open Peatlands	Recently Confirmed	2009			S1	G1G2

## Natural Community: Lakes and Ponds

Coastal Plain Pond <i>Coastal plain pond</i>	Natural Lakes and Ponds	Recently Confirmed	2010			S2	G3G4
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## Natural Community: Tidal Wetlands

Brackish Interdunal Swales <i>Brackish interdunal swales</i>	Intertidal Wetlands	Recently Confirmed	2007			S1S2	G3G4
Brackish Intertidal Shore <i>Brackish intertidal shore</i>	Intertidal Wetlands	Recently Confirmed	2004			S1S2	G3G4
Brackish Meadow <i>Brackish meadow</i>	Intertidal Wetlands	Recently Confirmed	2010			S1S2	G2G3
Brackish Tidal Marsh <i>Brackish tidal marsh</i>	Intertidal Wetlands	Recently Confirmed	1998			S3S4	G4
Coastal Salt Pond <i>Coastal salt pond</i>	Intertidal Wetlands	Recently Confirmed	2010			S1S2	G4
Freshwater Tidal Marsh <i>Freshwater tidal marsh</i>	Intertidal Wetlands	Recently Confirmed	1998			S2	G3G4
High Salt Marsh <i>High salt marsh</i>	Intertidal Wetlands	Recently Confirmed	2011			S3S4	G4
Low Salt Marsh <i>Low salt marsh</i>	Intertidal Wetlands	Recently Confirmed	2010			S3S4	G4
Salt Panne <i>Salt panne</i>	Intertidal Wetlands	Recently Confirmed	2004			S3	G3G4
Salt Shrub <i>Salt shrub</i>	Intertidal Wetlands	Recently Confirmed	2010			S4	G5
Saltwater Tidal Creek <i>Saltwater tidal creek</i>	Subtidal Wetlands	Recently Confirmed	2004			S3	G4

## Natural Community: Marine

# New York Nature Explorer

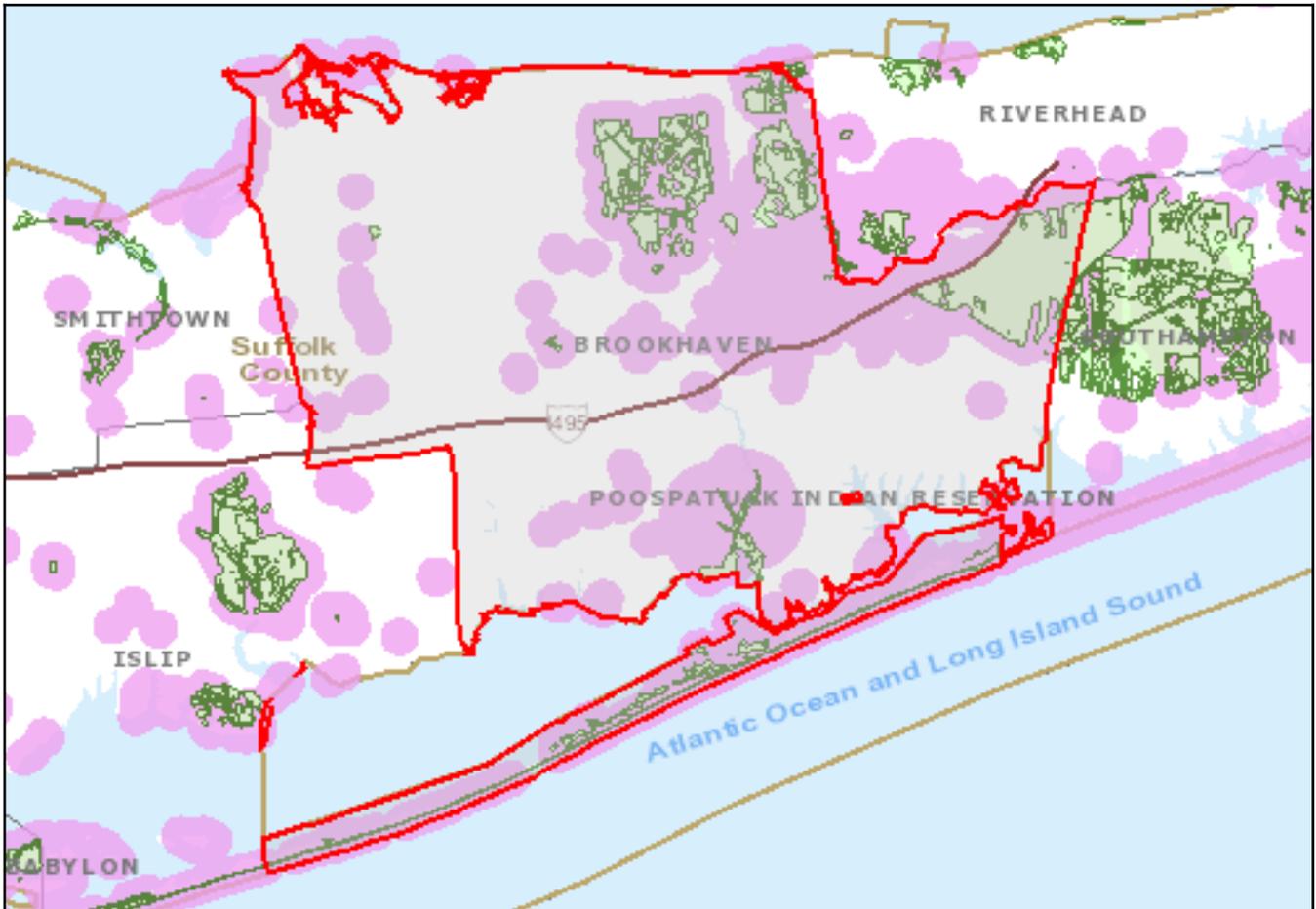
Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Marine Eelgrass Meadow <i>Marine eelgrass meadow</i>	Marine Subtidal	Recently Confirmed	2000			S3	G5
Marine Intertidal Gravel/Sand Beach <i>Marine intertidal gravel/sand beach</i>	Marine Intertidal	Recently Confirmed	2010			S3	G5
Marine Rocky Intertidal <i>Marine rocky intertidal</i>	Marine Intertidal	Recently Confirmed	2015			S1S2	G5

This list only includes records from the databases of the NY Natural Heritage Program, the second NYS Breeding Bird Atlas Project, and the NY Amphibian and Reptile Atlas Project. This list is not a definitive statement about the presence or absence of all plants and animals, including rare or state-listed species, or of all significant natural communities.

# New York Nature Explorer

## Town Results Report

Criteria: Town: Brookhaven



Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global

### Town: Brookhaven

#### Animal: Birds

Barn Owl <i>Tyto alba</i>	Owls	Recently Confirmed	2003	Protected Bird		S1S2	G5
Black Skimmer <i>Rynchops niger</i>	Gulls, Terns, Plovers, Shorebirds	Recently Confirmed	2007	Special Concern		S2	G5
Glossy Ibis <i>Plegadis falcinellus</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2007	Protected Bird		S2	G5
Kentucky Warbler <i>Geothlypis formosa</i>	Wood-Warblers	Recently Confirmed	2012	Protected Bird		S2B	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Little Blue Heron <i>Egretta caerulea</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2007	Protected Bird		S2	G5
Seaside Sparrow <i>Ammodramus maritimus</i>	Sparrows and Towhees	Recently Confirmed	2002	Special Concern		S2S3B	G4
Snowy Egret <i>Egretta thula</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2007	Protected Bird		S2S3	G5
Tricolored Heron <i>Egretta tricolor</i>	Hérons, Bitterns, Egrets, Ibises	Recently Confirmed	2004	Protected Bird		S2	G5

## Animal: Amphibians

Eastern Spadefoot <i>Scaphiopus holbrookii</i>	Frogs and Toads	Recently Confirmed	2008	Special Concern		S2S3	G5
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## Animal: Butterflies and Moths

A Noctuid Moth <i>Sympistis riparia</i>	Moths	Recently Confirmed	2013			SU	G4
Black-bordered Lemon Moth <i>Marimatha nigrofimbria</i>	Moths	Recently Confirmed	2013			S1	G5
Chain Fern Borer Moth <i>Papaipema stenocelis</i>	Moths	Recently Confirmed	1987			S1?	G4
Coastal Barrens Buckmoth <i>Hemileuca maia ssp. 5</i>	Moths	Recently Confirmed	2002	Special Concern		S2	G5T3
Edwards' Hairstreak <i>Satyrium edwardsii</i>	Butterflies and Skippers	Recently Confirmed	2003			S3S4	G4
Golden Aster Flower Moth <i>Schinia tuberculum</i>	Moths	Historically Confirmed	1947			S2	G4
Herodias or Pine Barrens Underwing <i>Catocala herodias gerhardi</i>	Moths	Recently Confirmed	1987	Special Concern		S1S2	G3T3
Mottled Duskywing <i>Erynnis martialis</i>	Butterflies and Skippers	Historically Confirmed	1966	Special Concern		S1	G3
Packard's Lichen Moth <i>Cisthene packardii</i>	Moths	Recently Confirmed	2013			SU	G5
Pine Barrens Zanclognatha <i>Zanclognatha martha</i>	Moths	Recently Confirmed	2013			S1S2	G4

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Violet Dart <i>Euxoa violaris</i>	Moths	Recently Confirmed	1993			SU	G4
White-m Hairstreak <i>Parrhasius m-album</i>	Butterflies and Skippers	Recently Confirmed	2000			SU	G5

## Animal: Dragonflies and Damselflies

Comet Darner <i>Anax longipes</i>	Dragonflies	Recently Confirmed	2006			S2S3	G5
Common Sanddragon <i>Progomphus obscurus</i>	Dragonflies	Recently Confirmed	2006	Special Concern		S1	G5
Double-ringed Pennant <i>Celithemis verna</i>	Dragonflies	Recently Confirmed	2009			S1	G5
Golden-winged Skimmer <i>Libellula auripennis</i>	Dragonflies	Recently Confirmed	2006			S1S2	G5
Rambur's Forktail <i>Ischnura ramburii</i>	Damselflies	Recently Confirmed	2004			S2S3	G5
Spatterdock Darner <i>Rhionaeschna mutata</i>	Dragonflies	Recently Confirmed	2005			S2	G4
Yellow-sided Skimmer <i>Libellula flavida</i>	Dragonflies	Historically Confirmed	1926			S1	G5

## Animal: Beetles

American Burying Beetle <i>Nicrophorus americanus</i>	Carrion Beetles	Historically Confirmed	1934	Endangered	Endangered	SH	G2G3
Eastern Pinebarrens Tiger Beetle <i>Cicindela abdominalis</i>	Tiger Beetles	Historically Confirmed	1913			SH	G3G4
Hairy-necked Tiger Beetle <i>Cicindela hirticollis</i>	Tiger Beetles	Recently Confirmed	2007			S1S2	G5
Northeastern Beach Tiger Beetle <i>Cicindela dorsalis dorsalis</i>	Tiger Beetles	Extirpated	1939	Threatened	Threatened	SX	G4T2

## Animal: Animal Assemblages

Gull Colony <i>Gull Colony</i>	Animal Assemblages	Recently Confirmed	2004			SNR	GNR
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# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global

## Plant: Flowering Plants

American Ipecac <i>Euphorbia ipecacuanhae</i>	Other Flowering Plants	Historically Confirmed	1928	Endangered		S1	G5
Autumnal Water-starwort <i>Callitriche hermaphroditica</i>	Other Flowering Plants	Historically Confirmed	1927	Endangered		S1	G5
Black-edge Sedge <i>Carex nigromarginata</i>	Sedges	Recently Confirmed	2008	Threatened		S2	G5
Brown Bog Sedge <i>Carex buxbaumii</i>	Sedges	Recently Confirmed	1986	Threatened		S2	G5
Button Sedge <i>Carex bullata</i>	Sedges	Recently Confirmed	2001	Endangered		S1	G5
Carey's Smartweed <i>Persicaria careyi</i>	Other Flowering Plants	Recently Confirmed	2000	Endangered		S1S2	G4
Carolina Redroot <i>Lachnanthes caroliniana</i>	Other Flowering Plants	Historically Confirmed	1925	Endangered		S1	G4
Catfoot <i>Pseudognaphalium helleri ssp. micradenium</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1929	Endangered		SH	G4G5T3?
Clasping-leaved St. John's-wort <i>Hypericum gymnanthum</i>	Other Flowering Plants	Historically Confirmed	1902			SX	G4
Clustered Bluets <i>Oldenlandia uniflora</i>	Other Flowering Plants	Recently Confirmed	2008	Endangered		S1	G5
Clustered Sedge <i>Carex cumulata</i>	Sedges	Possible but not Confirmed	1967	Threatened		S2S3	G4?
Coastal Goldenrod <i>Solidago latissimifolia</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1929	Endangered		S1	G5
Coastal Silverweed <i>Argentina egedii ssp. groenlandica</i>	Other Flowering Plants	Recently Confirmed	2008	Threatened		S2	G5T4T5
Collins' Sedge <i>Carex collinsii</i>	Sedges	Recently Confirmed	1987	Endangered		S1	G4
Comb-leaved Mermaid-weed <i>Proserpinaca pectinata</i>	Other Flowering Plants	Recently Confirmed	2005	Threatened		S2	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Coppery St. John's-wort <i>Hypericum denticulatum</i>	Other Flowering Plants	Historically Confirmed	1923	Endangered		S1	G5
Cut-leaved Evening-primrose <i>Oenothera laciniata</i>	Other Flowering Plants	Recently Confirmed	1990	Endangered		S1	G5
Dark-green sedge <i>Carex venusta</i>	Sedges	Recently Confirmed	1999	Endangered		S1	G4
Downy Lettuce <i>Lactuca hirsuta</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1936	Endangered		S1	G5?
Downy Milk-pea <i>Galactia volubilis</i>	Other Flowering Plants	Extirpated	1878			SX	G5
Dwarf Bulrush <i>Lipocarpa micrantha</i>	Sedges	Recently Confirmed	2005	Endangered		S1	G5
Dwarf Hawthorn <i>Crataegus uniflora</i>	Other Flowering Plants	Historically Confirmed	1916	Endangered		S1	G5
Early Frostweed <i>Crocanthemum propinquum</i>	Other Flowering Plants	Recently Confirmed	2007	Threatened		S2S3	G4
Eastern Grasswort <i>Lilaeopsis chinensis</i>	Other Flowering Plants	Recently Confirmed	2007	Threatened		S2	G5
Engelmann's Spikerush <i>Eleocharis engelmannii</i>	Sedges	Historically Confirmed	1919	Endangered		S1	G4G5
Featherfoil <i>Hottonia inflata</i>	Other Flowering Plants	Recently Confirmed	1995	Threatened		S2	G4
Few-flowered Nutrush <i>Scleria pauciflora</i> var. <i>caroliniana</i>	Sedges	Historically Confirmed	1985	Endangered		S1	G5T4T5
Fibrous Bladderwort <i>Utricularia striata</i>	Other Flowering Plants	Recently Confirmed	2005	Threatened		S2	G4G5
Field Beadgrass <i>Paspalum laeve</i>	Grasses	Recently Confirmed	2003	Endangered		S1	G4G5
Flax-leaf Whitetop <i>Sericocarpus linifolius</i>	Asters, Goldenrods and Daisies	Recently Confirmed	1991	Threatened		S2	G5
Giant Beardgrass <i>Saccharum giganteum</i>	Grasses	Possible but not Confirmed	1833			SX	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Globe-fruited Ludwigia <i>Ludwigia sphaerocarpa</i>	Other Flowering Plants	Recently Confirmed	1995	Threatened		S2	G5
Golden Dock <i>Rumex fueginus</i>	Other Flowering Plants	Historically Confirmed	1984	Endangered		S1	G5T4T5
Great Plains Flatsedge <i>Cyperus lupulinus ssp. lupulinus</i>	Sedges	Historically Confirmed	1966	Threatened		S2	G5T5?
Large Yellow-eyed-grass <i>Xyris smalliana</i>	Other Flowering Plants	Historically Confirmed	1985	Threatened		S2	G5
Little-leaf Tick-trefoil <i>Desmodium ciliare</i>	Other Flowering Plants	Recently Confirmed	2007	Threatened		S2S3	G5
Long-beaked Beakrush <i>Rhynchospora scirpoides</i>	Sedges	Recently Confirmed	2008	Rare		S3	G4
Loose-headed Beakrush <i>Rhynchospora chalarocephala</i>	Sedges	Extirpated	1932			SX	G5
Marsh Straw Sedge <i>Carex hormathodes</i>	Sedges	Historically Confirmed	1985	Threatened		S2S3	G4G5
Minute Duckweed <i>Lemna perpusilla</i>	Other Flowering Plants	Historically Confirmed	1944	Endangered		S1	G5
Narrow-leaf Sea-blite <i>Suaeda linearis</i>	Other Flowering Plants	Historically Confirmed	1968	Endangered		S1	G5
Narrow-leaved Bush-clover <i>Lespedeza angustifolia</i>	Other Flowering Plants	Recently Confirmed	1986	Threatened		S2	G5
Northern Blazing-star <i>Liatris scariosa var. novae-angliae</i>	Asters, Goldenrods and Daisies	Recently Confirmed	1992	Threatened		S2	G5?T3
Northern Dwarf Huckleberry <i>Gaylussacia bigeloviana</i>	Other Flowering Plants	Historically Confirmed	1927	Endangered		S1S2	G5T4T5
Northern Gama Grass <i>Tripsacum dactyloides</i>	Grasses	Recently Confirmed	2007	Threatened		S2	G5
Oakes' Evening-primrose <i>Oenothera oakesiana</i>	Other Flowering Plants	Recently Confirmed	2006	Threatened		S2	G4G5Q
Ovate Spikerush <i>Eleocharis ovata</i>	Sedges	Recently Confirmed	2008	Endangered		S1S2	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Pale Duckweed <i>Lemna valdiviana</i>	Other Flowering Plants	Historically Confirmed	1974	Endangered		S1	G5
Pencil-flower <i>Stylosanthes biflora</i>	Other Flowering Plants	Historically Confirmed	1914			SX	G5
Persimmon <i>Diospyros virginiana</i>	Other Flowering Plants	Recently Confirmed	2001	Threatened		S2	G5
Pine Barren Bellwort <i>Uvularia puberula</i>	Other Flowering Plants	Historically Confirmed	1928	Endangered		S1	G5
Pinebarren Death Camas <i>Stenanthium leimanthoides</i>	Other Flowering Plants	Historically Confirmed	1887			SX	G4Q
Primrose-leaf Violet <i>Viola primulifolia</i>	Other Flowering Plants	Historically Confirmed	1927	Threatened		S2	G5
Quill-leaf Arrowhead <i>Sagittaria teres</i>	Other Flowering Plants	Recently Confirmed	2005	Endangered		S1	G3
Retorse Flatsedge <i>Cyperus retrorsus</i> var. <i>retrorsus</i>	Sedges	Possible but not Confirmed	1976	Endangered		S1	G5T5
Reznicek's Sedge <i>Carex reznicekii</i>	Sedges	Recently Confirmed	2008	Endangered		S1S2	G5
Rose Coreopsis <i>Coreopsis rosea</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2014	Rare		S3	G3
Rough Hedge-nettle <i>Stachys hyssopifolia</i>	Other Flowering Plants	Recently Confirmed	2004	Threatened		S2	G4G5
Round-leaf Boneset <i>Eupatorium rotundifolium</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1929	Endangered		SH	G5
Rush Bladderwort <i>Utricularia juncea</i>	Other Flowering Plants	Recently Confirmed	1991	Endangered		S1	G5
Saltmarsh Aster <i>Symphyotrichum subulatum</i> var. <i>subulatum</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2011	Threatened		S2	G5T5
Saltmarsh Bulrush <i>Bolboschoenus novae-angliae</i>	Sedges	Recently Confirmed	2007	Endangered		S1	G5
Sand Blackberry <i>Rubus cuneifolius</i>	Other Flowering Plants	Possible but not Confirmed	1962	Endangered		SH	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Sandplain Gerardia <i>Agalinis acuta</i>	Other Flowering Plants	Historically Confirmed	2007	Endangered	Endangered	S1	G1
Sandplain Wild Flax <i>Linum intercursum</i>	Other Flowering Plants	Recently Confirmed	1996	Threatened		S2	G4
Scirpus-like Rush <i>Juncus scirpoides</i>	Rushes	Possible but not Confirmed	1928	Endangered		S1	G5
Screw-stem <i>Bartonia paniculata ssp. paniculata</i>	Other Flowering Plants	Recently Confirmed	1997	Endangered		S1	G5T5
Sea Purslane <i>Sesuvium maritimum</i>	Other Flowering Plants	Historically Confirmed	1873	Endangered		S1	G5
Seabeach Amaranth <i>Amaranthus pumilus</i>	Other Flowering Plants	Recently Confirmed	2006	Threatened	Threatened	S2	G2
Seabeach Knotweed <i>Polygonum glaucum</i>	Other Flowering Plants	Recently Confirmed	2003	Rare		S3	G3
Seaside Gerardia <i>Agalinis maritima var. maritima</i>	Other Flowering Plants	Recently Confirmed	2007	Threatened		S2S3	G5T5
Seaside Plantain <i>Plantago maritima var. juncoides</i>	Other Flowering Plants	Recently Confirmed	2007	Threatened		S2S3	G5T5
Short-beaked Beakrush <i>Rhynchospora nitens</i>	Sedges	Recently Confirmed	2005	Threatened		S2	G4?
Showy Aster <i>Eurybia spectabilis</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2004	Threatened		S2	G5
Silvery Aster <i>Symphyotrichum concolor var. concolor</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1934	Endangered		S1	G5T5
Slender Blue Flag <i>Iris prismatica</i>	Other Flowering Plants	Recently Confirmed	2005	Threatened		S2	G4G5
Slender Crabgrass <i>Digitaria filiformis</i>	Grasses	Historically Confirmed	1955	Endangered		S1	G5
Slender Marsh-pink <i>Sabatia campanulata</i>	Other Flowering Plants	Recently Confirmed	2006	Endangered		S1	G5
Slender Pinweed <i>Lechea tenuifolia</i>	Other Flowering Plants	Recently Confirmed	2000	Threatened		S2	G5

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Slender Spikerush <i>Eleocharis tenuis</i> var. <i>pseudoptera</i>	Sedges	Possible but not Confirmed	1962	Endangered		S1	G5T5?
Small Floating Bladderwort <i>Utricularia radiata</i>	Other Flowering Plants	Recently Confirmed	2000	Threatened		S2	G4
Small White Snakeroot <i>Ageratina aromatica</i> var. <i>aromatica</i>	Asters, Goldenrods and Daisies	Historically Confirmed	1883	Endangered		S1	G5T5
Small-flowered Pearlwort <i>Sagina decumbens</i> ssp. <i>decumbens</i>	Other Flowering Plants	Historically Confirmed	1924	Endangered		S1	G5T5
Smooth Tick-trefoil <i>Desmodium laevigatum</i>	Other Flowering Plants	Historically Confirmed	1914	Endangered		SH	G5
Southern Yellow Flax <i>Linum medium</i> var. <i>texanum</i>	Other Flowering Plants	Historically Confirmed	1925	Threatened		S2	G5T5
Spotted Pondweed <i>Potamogeton pulcher</i>	Other Flowering Plants	Historically Confirmed	1878	Threatened		S2	G5
Stargrass <i>Aletris farinosa</i>	Other Flowering Plants	Recently Confirmed	2004	Threatened		S2	G5
Stiff Tick-trefoil <i>Desmodium obtusum</i>	Other Flowering Plants	Recently Confirmed	2007	Endangered		S1	G4G5
Swamp Oats <i>Sphenopholis pensylvanica</i>	Grasses	Historically Confirmed	1874	Endangered		S1	G4
Swamp Sunflower <i>Helianthus angustifolius</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2006	Threatened		S2	G5
Thickleaf Orach <i>Atriplex dioica</i>	Other Flowering Plants	Historically Confirmed	1920	Endangered		S1	G4?
Three-ribbed Spikerush <i>Eleocharis tricostata</i>	Sedges	Recently Confirmed	2005	Endangered		S1	G4
Tooth-cup <i>Rotala ramosior</i>	Other Flowering Plants	Recently Confirmed	2005	Threatened		S2	G5
Trinerved White Boneset <i>Eupatorium album</i> var. <i>subvenosum</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2004	Threatened		S2S3	G5T4
Velvety Bush-clover <i>Lespedeza stuevei</i>	Other Flowering Plants	Recently Confirmed	2007	Threatened		S2	G4?

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Virginia Ground-cherry <i>Physalis virginiana</i> var. <i>virginiana</i>	Other Flowering Plants	Historically Confirmed	1929	Endangered		SH	G5T5
Water Pigmyweed <i>Crassula aquatica</i>	Other Flowering Plants	Recently Confirmed	1988	Endangered		S1	G5
Water-thread Pondweed <i>Potamogeton diversifolius</i>	Other Flowering Plants	Historically Confirmed	1938	Endangered		S1	G5
Weak Rush <i>Juncus debilis</i>	Rushes	Historically Confirmed	1936	Endangered		S1	G5
Whip Nutrush <i>Scleria triglomerata</i>	Sedges	Recently Confirmed	1991	Endangered		S1	G5
White Milkweed <i>Asclepias variegata</i>	Other Flowering Plants	Historically Confirmed	1878	Endangered		S1	G5
Wright's Panic Grass <i>Dichantheium wrightianum</i>	Grasses	Historically Confirmed	1925	Endangered		S1S2	G4
Yellow Flatsedge <i>Cyperus flavescens</i>	Sedges	Possible but not Confirmed		Endangered		S1	G5

## Plant: Conifers

Atlantic White Cedar <i>Chamaecyparis thyoides</i>	Conifers	Historically Confirmed	1923	Threatened		S2	G4
Virginia Pine <i>Pinus virginiana</i>	Conifers	Possible but not Confirmed	1878	Endangered		S1	G5

## Natural Community: Uplands

Coastal Oak-Heath Forest <i>Coastal oak-heath forest</i>	Forested Uplands	Recently Confirmed	2007			S3	G4
Maritime Beach <i>Maritime beach</i>	Open Uplands	Recently Confirmed	2001			S3S4	G5
Maritime Dunes <i>Maritime dunes</i>	Open Uplands	Recently Confirmed	2007			S3	G4
Maritime Holly Forest <i>Maritime holly forest</i>	Forested Uplands	Recently Confirmed	2000			S1	G1G2

# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global
Maritime Pitch Pine Dune Woodland <i>Maritime pitch pine dune woodland</i>	Barrens and Woodlands	Recently Confirmed	1998			S1	G2G3
Pitch Pine-Oak Forest <i>Pitch pine-oak forest</i>	Forested Uplands	Recently Confirmed	2013			S4	G4G5
Pitch Pine-Oak-Heath Woodland <i>Pitch pine-oak-heath woodland</i>	Barrens and Woodlands	Recently Confirmed	2013			S2S3	G3G4

## Natural Community: Freshwater Nontidal Wetlands

Coastal Plain Pond Shore <i>Coastal plain pond shore</i>	Open Mineral Soil Wetlands	Recently Confirmed	2005			S2	G3G4
Maritime Freshwater Interdunal Swales <i>Maritime freshwater interdunal swales</i>	Open Mineral Soil Wetlands	Recently Confirmed	2006			S2	G3G4
Pine Barrens Shrub Swamp <i>Pine barrens shrub swamp</i>	Open Mineral Soil Wetlands	Recently Confirmed	1998			S3	G5
Red Maple-Blackgum Swamp <i>Red maple-blackgum swamp</i>	Forested Mineral Soil Wetlands	Recently Confirmed	1998			S2	G3G4

## Natural Community: Lakes and Ponds

Coastal Plain Pond <i>Coastal plain pond</i>	Natural Lakes and Ponds	Historically Confirmed	1985			S2	G3G4
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## Natural Community: Tidal Wetlands

Brackish Tidal Marsh <i>Brackish tidal marsh</i>	Intertidal Wetlands	Recently Confirmed	1998			S3S4	G4
High Salt Marsh <i>High salt marsh</i>	Intertidal Wetlands	Recently Confirmed	2011			S3S4	G4
Salt Panne <i>Salt panne</i>	Intertidal Wetlands	Recently Confirmed	1998			S3	G3G4
Salt Shrub <i>Salt shrub</i>	Intertidal Wetlands	Recently Confirmed	1998			S4	G5

## Natural Community: Marine

Marine Rocky Intertidal <i>Marine rocky intertidal</i>	Marine Intertidal	Recently Confirmed	2004			S1S2	G5
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# New York Nature Explorer

Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global

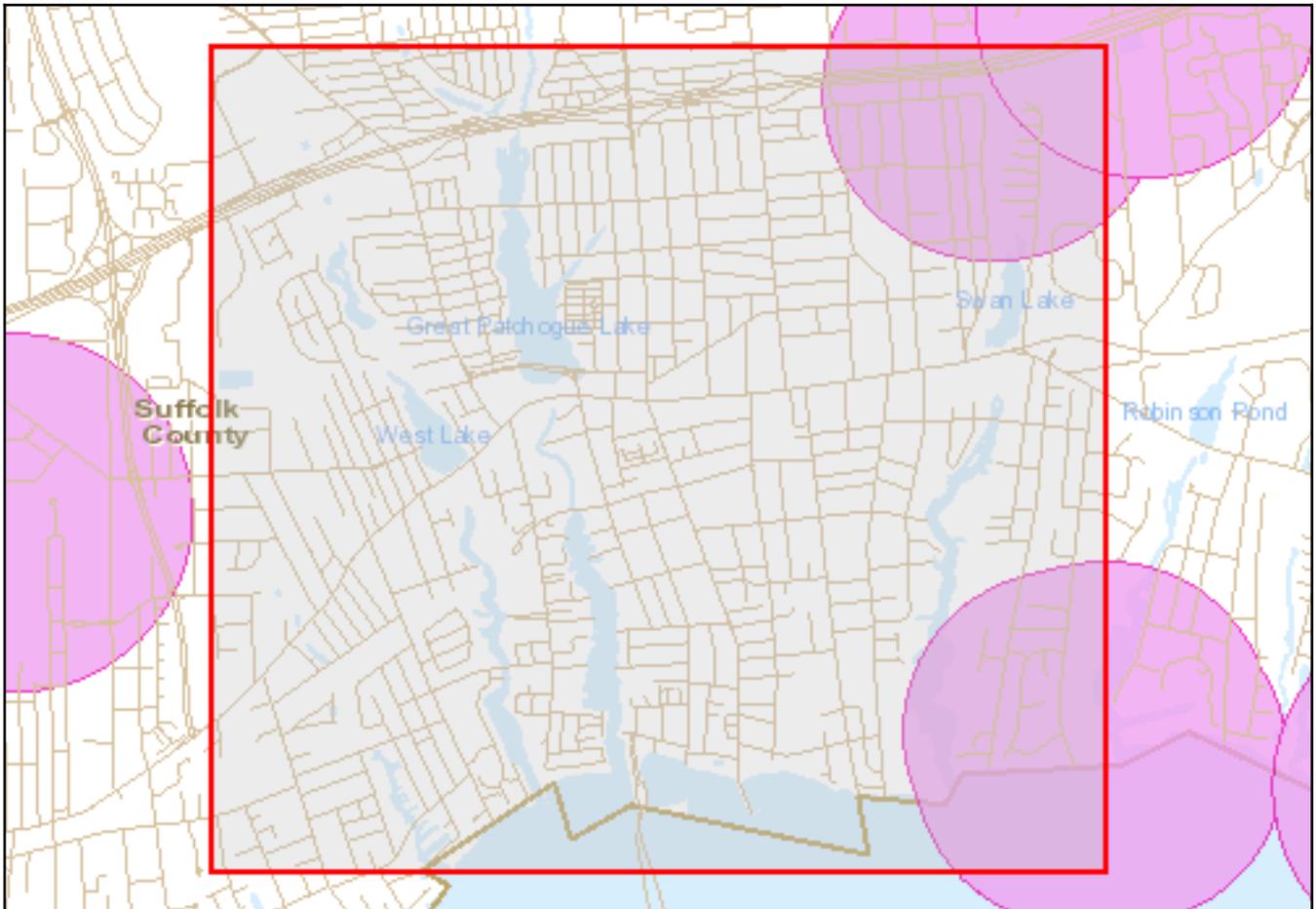
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Note: Restricted plants and animals may also have also been documented in one or more of these Towns or Cities, but are not listed in these results. This application does not provide information at the level of Town or City on state-listed animals and on other sensitive animals and plants. A list of the restricted animals and plants documented in the corresponding county (or counties) can be obtained via the County link(s) on the original Town Search Results page. Any individual plant or animal on this county's restricted list may or may not occur in this particular Town or City.

This list only includes records of rare species and significant natural communities from the databases of the NY Natural Heritage Program. This list is not a definitive statement about the presence or absence of all plants and animals, including rare or state-listed species, or of all significant natural communities. For most areas, comprehensive field surveys have not been conducted, and this list should not be considered a substitute for on-site surveys.

# New York Nature Explorer User Defined Results Report

Criteria: Selected Map Area



Common Name	Subgroup	Distribution Status	Year Last Documente	Protection Status		Conservation Rank	
				State	Federal	State	Global

## Plant: Flowering Plants

Clustered Sedge <i>Carex cumulata</i>	Sedges	Possible but not Confirmed	1967	Threatened		S2S3	G4?
Collins' Sedge <i>Carex collinsii</i>	Sedges	Recently Confirmed	2011	Endangered		S1	G4
Oakes' Evening-primrose <i>Oenothera oakesiana</i>	Other Flowering Plants	Recently Confirmed	2006	Threatened		S2	G4G5Q
Pale Duckweed <i>Lemna valdiviana</i>	Other Flowering Plants	Historically Confirmed	1974	Endangered		S1	G5
Showy Aster <i>Eurybia spectabilis</i>	Asters, Goldenrods and Daisies	Recently Confirmed	2004	Threatened		S2	G5