

**APPENDIX A**  
**Flora and Fauna Within the Coastal Area;**  
**NY Natural Heritage Program Letter**

## Flora and Fauna Potentially Within the Coastal Area

### FLORA - Trees

Common Name	Scientific Name	Habitat
Sugar Maple	<i>Acer saccharum</i>	Forest
Black Birch	<i>Betula lenta</i>	Forest
Paper Birch	<i>Betula papyrifera</i>	Forest
Gray Birch	<i>Betula populifolia</i>	Forest
Shagbark Hickory	<i>Carya ovata</i>	Forest
Hawthorn	<i>Crataegus sp.</i>	Open field
American Beech	<i>Fagus grandifolia</i>	Forest
White Ash	<i>Fraxinus americana</i>	Forest
Honey-Locust	<i>Gleditsia triacanthos</i>	Forest
Red Cedar	<i>Juniperus virginiana</i>	Forest, open field
White Pine	<i>Pinus strobus</i>	Forest, open field
Bigtooth Aspen	<i>Populus grandidentata</i>	Forest
Black Cherry	<i>Prunus serotina</i>	Forest, open field
Pinecherry	<i>Prunus pensylvanica</i>	Forest, wetland
Chestnut Oak	<i>Quercus prinus</i>	Forest
Red Oak	<i>Quercus rubra</i>	Forest
Hemlock	<i>Tsuga canadensis</i>	Forest
American Elm	<i>Ulmus americana</i>	Forest

### FLORA – Shrubs and Vines

Common Name	Scientific Name	Habitat
Shadbush	<i>Amelanchier sp.</i>	Wetland
Gray Dogwood	<i>Cornus foemina</i>	Forest, open field
Bush Honeysuckle	<i>Diervilla lonicera</i>	Forest, open field, wetland
Male-Berry	<i>Lyonia ligustrina</i>	Open field
Staghorn Sumac	<i>Rhus typhina</i>	Forest, open field
Northern Blackberry	<i>Rubus allegheniensis</i>	Open field
Red Raspberry	<i>Rubus idaeus</i>	Open field
Arrowwood	<i>Viburnum recognitum</i>	Forest
Wild Grape	<i>Vitis sp.</i>	Forest

### FLORA – Herbaceous plants, low woody plants

Common Name	Scientific Name	Habitat
Quack Grass	<i>Agropyron repens</i>	Open field, wetland
Garlic Mustard	<i>Alliaria petiolata</i>	Forest

Common Burdock	<i>Arctium minus</i>	Open field
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**FLORA – Herbaceous plants, low woody plants - cont'd.**

Common Name	Scientific Name	Habitat
Milkweed	<i>Asclepias sp.</i>	Open field, wetland
Asters	<i>Aster sp.</i>	Open field
Tussock-Sedge	<i>Carex stricta</i>	Wetland
Chicory	<i>Chichorium intybus</i>	Open field
Cinquefoil	<i>Cinquefoil sp.</i>	Forest
Queen Anne's Lace	<i>Daucus carota</i>	Open field
Evergreen Wood Fern	<i>Dropteris marginalis</i>	Forest
Prickly Cucumber	<i>Echinocystis lobato</i>	Wetland
Scouring Rush	<i>Equisetum hyemale</i>	Wetland
Spotted Joe-Pye Weed	<i>Eupatorium maculatum</i>	Open field
Wild Strawberry	<i>Fragaria virginiana</i>	Forest, Open field
Spotted Jewelweed	<i>Impatiens capensis</i>	Wetland
Sweet Clover	<i>Melilotus sp.</i>	Open field, wetland
Sensitive Fern	<i>Onoclea sensibilis</i>	Forest
Reed Canary Grass	<i>Phalaris arundinacea</i>	Wetland
Common Plantain	<i>Plantago major</i>	Open field
Goldenrod	<i>Solidago sp.</i>	Open field
Blue Vervain	<i>Verbena hastata</i>	Open field

**AVIFAUNA**

Common Name	Scientific Name	Habitat
Pied-Billed Grebe	<i>Podilymbus podiceps</i>	Aquatic habitats, wetland
American Bittern	<i>Botaurus lentiginosus</i>	Wetland
Great Blue Heron	<i>Ardea herodias</i>	Wetland, aquatic habitats, mature forest
Green-Backed Heron	<i>Butorides striatus</i>	Agricultural land, wetland, aquatic habitats
Canada Goose	<i>Branta canadensis</i>	Agricultural land, open field, wetland
Wood Duck	<i>Aix sponsa</i>	Wetland, aquatic habitats
American Black Duck	<i>Anas rubripes</i>	Wetland, aquatic habitats, mature forest
Mallard	<i>Anas platyrhynchos</i>	Wetland, aquatic habitats
Northern Pintail	<i>Anas acuta</i>	Agricultural land, wetland
Turkey Vulture	<i>Cathartes aura</i>	Open field, mature forest
Northern Harrier	<i>Circus cyaneus</i>	Wetland, agricultural land
Northern Goshawk	<i>Accipiter gentilis</i>	Mature forest
Sharp-Shinned Hawk	<i>Accipiter striatus</i>	Mature forest
Red-Shouldered Hawk	<i>Buteo lineatus</i>	Open field, mature forest
Broad-Winged Hawk	<i>Buteo platypterus</i>	Mature forest

Red-Tailed Hawk	<i>Buteo jamaicensis</i>	Open field, mature forest
American Kestrel	<i>Falco sparverius</i>	Open field, mature forest

## AVIFAUNA – cont'd.

Common Name	Scientific Name	Habitat
Ring-Necked Pheasant		
Ruffed Grouse	<i>Bonasa umbellus</i>	Open field, mature forest
Wild Turkey	<i>Melagaris gallopavo</i>	Agricultural lands, open field, mature forest
Virginia Rail	<i>Rallus limicola</i>	Wetland
Common Moorhen	<i>Gallinula chloropus</i>	Wetland, aquatic habitats
Sora	<i>Poranza carolina</i>	Open field, wetland
Killdeer	<i>Charadrius vociferus</i>	Agricultural land, open field, aquatic habitats
Spotted Sandpiper	<i>Actitis macularia</i>	Wetland, aquatic habitats
Common Snipe	<i>Gallinago gallinago</i>	Open field, mature forest, wetland
American Woodcock	<i>Scaolpax minor</i>	Agricultural land, open field, mature forest, wetland
Rock Dove	<i>Colmba livia</i>	Agricultural land, open field
Mourning Dove	<i>Zenaida macroura</i>	Agricultural land, open field
Eastern Screech Owl	<i>Otus asio</i>	Open field, mature forest, wetland
Great Horned Owl	<i>Bubo virginiana</i>	Mature forest
Whip-poor-will	<i>Caprimulgus vociferus</i>	Mature forest
Chimney Swift	<i>Cahetura palagica</i>	Open field
Ruby-Throated Hummingbird	<i>Archilochus colubris</i>	Open field, mature forest
Belted Kingfisher	<i>Caryle alcyon</i>	Mature forest, wetland, aquatic habitats
Yellow-Bellied Sapsucker	<i>Sphyrapicus varius</i>	Mature forest
Downy Woodpecker	<i>Picoides pubescens</i>	Open field, mature forest
Hairy Woodpecker	<i>Picoides vilosus</i>	Open field, mature forest, wetland
Northern Flicker	<i>Colaptes auratus</i>	Open field, mature forest
Pileated Woodpecker	<i>Dryocopus pileatus</i>	Mature forest
Eastern Wood Peewee	<i>Contopus virens</i>	Open field, mature forest
Willow Flycatcher	<i>Empidonax traillii</i>	Open field
Least Flycatcher	<i>Empidonax minimus</i>	Open field, mature forest
Eastern Phoebe	<i>Sayornis phoebe</i>	Mature forest, aquatic habitats
Great-Crested Flycatcher	<i>Myiarchus crinitus</i>	Open field, mature forest, wetland
Eastern Kingbird	<i>Tyrannus tyrannus</i>	Open field, mature forest, aquatic habitats
Horned Lark	<i>Eremophila alpestris</i>	Aquatic habitats, open field
Tree Swallow	<i>Tachycineta bicolor</i>	Open field, wetland, aquatic habitats
Bank Swallow	<i>Riparia riparia</i>	Aquatic habitats
Northern Rough-Winged	<i>Stelgidopterx serripennis</i>	Open field, aquatic habitats

Swallow		
Cliff Swallow	<i>Hirundo phyrhonta</i>	Open field, aquatic habitats

**AVIFAUNA – cont'd.**

Common Name	Scientific Name	Habitat
Barn Swallow	<i>Hirundo rustica</i>	Open field, aquatic habitats
Blue Jay	<i>Cyanocitta cristata</i>	Open field, mature forest
American Crow	<i>Corvus brachyrhynchos</i>	Agricultural land, open field, mature forest
Black-Capped Chickadee	<i>Parus atricapillus</i>	Open field, mature forest
Tufted Titmouse	<i>Parus bicolor</i>	Mature forest, wetland
Red-Breasted Nuthatch	<i>Sitta canadensis</i>	Mature forest
White-Breasted Nuthatch	<i>Sitta carolinensis</i>	Open field, mature forest, wetland
Brown Creeper	<i>Certhia americana</i>	Mature forest, wetland
House Wren	<i>Troglodytes aedon</i>	Agricultural land, open field, mature forest, wetland
Winter Wren	<i>Troglodytes troglodytes</i>	Mature forest, wetland
Northern Mockingbird	<i>Mimus polyglottos</i>	Open field
Golden-Crowned Kinglet	<i>Regulus satrapa</i>	Mature forest, wetland
Blue-Gray Gnatcatcher	<i>Poliophila carerula</i>	Mature forest, wetland, aquatic habitats
Eastern Bluebird	<i>Sialia sialia</i>	Agricultural land, open field, wetland
Veery	<i>Catharus fuscescens</i>	Mature forest, wetland
Wood Thrush	<i>Hylocichla mustelina</i>	Mature forest, wetland, aquatic habitats
Hermit Thrush	<i>Catharus guttatus</i>	Mature forest
American Robin	<i>Turdus migratorius</i>	Agricultural land, open field, mature forest
Gray Catbird	<i>Dumetella carolinensis</i>	Open field, mature forest, wetland, aquatic habitats
Brown Thrasher	<i>Toxostoma rufum</i>	Open field, mature forest
Cedar Waxwings	<i>Bombycilla cedrorum</i>	Open field, wetland
European Starling	<i>Sturnus vulgaris</i>	Agricultural land, open field
Solitary Vireo	<i>Vireo solitarius</i>	Mature forest, aquatic habitats
Yellow-Throated Vireo	<i>Vireo flavifrons</i>	Mature forest, aquatic habitats
Warbling Vireo	<i>Vireo gilvus</i>	Open field, mature forest, wetland, aquatic habitats
Red-Eyed Vireo	<i>Vireo olivaceus</i>	Open field, mature forest
Warblers		Agricultural land, open field, mature forest, wetland, aquatic habitats
	<i>Vermivora sp.</i>	
	<i>Parula sp.</i>	
	<i>Dendroica sp.</i>	
	<i>Miniotilta sp.</i>	
	<i>Oporornis sp.</i>	

	<i>Wilsonia sp.</i>	
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## AVIFAUNA – cont'd.

Common Name	Scientific Name	Habitat
American Redstart	<i>Setophaga ruticilla</i>	Open field, mature forest, wetland
Ovenbird	<i>Seiurus aurocapillus</i>	Mature forest
Northern Waterthrush	<i>Seiurus noveboracensis</i>	Wetland
Louisiana Waterthrush	<i>Seiurus motacilla</i>	Mature forest, aquatic habitats
Common Yellowthroat	<i>Geothlypis trichas</i>	Open forest, wetland, aquatic habitats
Scarlet Tanager	<i>Piranga olivacea</i>	Mature forest
Northern Cardinal	<i>Cardinalis cardinalis</i>	Open field, mature forest, wetland
Rose-Breasted Grosbeak	<i>Pheucticus ludovicianus</i>	Open field, wetland
Indigo Bunting	<i>Passerina cyanea</i>	Open field, mature forest
Rufous-Sided Towhee	<i>Pipilo erythrophthalmus</i>	Open field, mature forest
Sparrows		Agricultural land, open field, mature forest, wetland, aquatic habitats
	<i>Passer sp.</i>	
	<i>Spizella sp.</i>	
	<i>Pooecetes sp.</i>	
	<i>Passerculus sp.</i>	
	<i>Ammodramus sp.</i>	
	<i>Melospiza sp.</i>	
	<i>Zonotrichia sp.</i>	
Dark-Eyed Junco	<i>Junco hyemalis</i>	Open field, mature forest
Bobolink	<i>Dolichonyx orizivorus</i>	Agricultural land, open field, wetland
Red-Winged Blackbird	<i>Agelaius phoeniceu</i>	Agricultural land, open field, mature forest, wetland, aquatic habitats
Eastern Meadowlark	<i>Sturnella magna</i>	Agricultural land, open field
Common Grackle	<i>Quiscalus quiscula</i>	Open field, mature forest, wetland
Brown-Headed Cowbird	<i>Molothrus ater</i>	Agricultural land, open field, mature forest, wetland
Northern Oriole	<i>Icterus galbula</i>	Mature forest, aquatic habitats
Purple Finch	<i>Carpodacus purpureus</i>	Open field, mature forest
House Finch	<i>Carpodacus eximianus</i>	Agricultural land, open field
American Goldfinch	<i>Carduelis tristis</i>	Agricultural land, open field, mature forest, wetland
Pine Grosbeak	<i>Pinicola enevleitor</i>	Mature forest

## MAMMALIAN FAUNA

Common Name	Scientific Name	Habitat
White-Tailed Deer	<i>Odocoileus virginianus</i>	Agricultural land, open field, mature forest, wetland, aquatic habitats
Striped Skunk	<i>Mephitis mephitis</i>	Agricultural land, open field, mature forest, wetland, aquatic habitats
Long-Tailed Weasel	<i>Mustela finata</i>	Agricultural land, open field, mature forest, wetland, aquatic habitats
Raccoon	<i>Procyon lotor</i>	Agricultural land, open field, mature forest, wetland, aquatic habitats
Ermine	<i>Mustela erminea</i>	Open field, mature forest, wetland
Black Bear	<i>Ursus americana</i>	Mature forest, wetland, aquatic habitats
Gray Fox	<i>Urocyon cinereoargenteus</i>	Open field, mature forest
Red Fox	<i>Vulpes vulpes</i>	Agricultural land, open field, mature forest
Coyote	<i>Canis latrans</i>	Agricultural land, open field, mature forest, wetland
Bobcat	<i>Lynx rufus</i>	Open field, mature forest, wetland
Porcupine	<i>Erithizon dorsatum</i>	Open field, mature forest, wetland, aquatic habitats
Meadow Jumping Mouse	<i>Zapus hudsonius</i>	Open field, mature forest
Rock Vole	<i>Microtus chrotorrhinus</i>	Mature forest
Meadow Vole	<i>Microtus pennsylvanicus</i>	Agricultural land, open field, mature forest, wetland
White-Footed Mouse	<i>Peromyscus leucopus</i>	Open field, mature forest
Deer Mouse	<i>Peromyscus maniculatus</i>	Open field, mature forest
House Mouse	<i>Mus musculus</i>	Open field, mature forest
Norway Rat	<i>Rattus norvegicus</i>	Agricultural land, open field
Red Squirrel	<i>Tamiasciurus hudsonicus</i>	Mature forest, wetland
Gray Squirrel	<i>Sciurus carolinensis</i>	Mature forest
Woodchuck	<i>Marmota monax</i>	Agricultural land, open field, mature forest
Eastern Chipmunk	<i>Tamias striatus</i>	Mature forest
Eastern Cottontail	<i>Sylvilagus floridanus</i>	Agricultural land, open field, mature forest, wetland
Little Brown Bat	<i>Myotis lucifigus</i>	Mature forest, aquatic habitats
Keen's Myotis	<i>Myotis keenii</i>	Mature forest
Star-Nosed Move	<i>Condylura cristata</i>	Agricultural land, open field, mature forest, wetland, aquatic habitats

## MAMMALIAN FAUNA – cont'd.

Common Name	Scientific Name	Habitat
Short-Tailed Shrew	<i>Blarina brevicauda</i>	Open field, mature forest, wetland
Masked Shrew	<i>Sorex cinereus</i>	Open field, mature forest
Opposum	<i>Didelphis virginiana</i>	Agricultural land, open field, mature forest, wetland

## AMPHIBIAN AND REPTILIAN FAUNA

Common Name	Scientific Name	Habitat
Painted Turtle	<i>Chrysemys picta</i>	Wetland, aquatic habitats
Wood Turtle	<i>Clemmys insculpta</i>	Agricultural land, wetland, aquatic habitats
Eastern Mud Turtle	<i>Kinosteron subrubrum</i>	Wetland, aquatic habitats
Eastern Box Turtle	<i>Terrapene carolina</i>	Agricultural land, open field, mature forest, wetland
Spotted Turtle	<i>Clemmys glutinata</i>	Wetland, aquatic habitats
Snapping Turtle	<i>Chelydra serpentina</i>	Wetland, aquatic habitats
Brown Snake	<i>Storeria dekayi</i>	Open field, mature forest, wetland
Redbelly Snake	<i>Storeria occipitomaculata</i>	Open field, mature forest, wetland
Smooth Green Snake	<i>Opheodrys vernalis</i>	Open field, mature forest
Racer	<i>Coluber constrictor</i>	Open field, mature forest
Rat Snake	<i>Elaphe obsoleta</i>	Agricultural land, open field, mature forest, wetland
Common Garter Snake	<i>Thamnophis sirtalis</i>	Agricultural land, open field, mature forest, wetland
Milk Snake	<i>Lampropeltis triangulum</i>	Agricultural land, open field, mature forest, wetland
Copperhead	<i>Agkistrodon contortrix</i>	Open field, mature forest
Fowler's Toad	<i>Bufo woodhousei fowleri</i>	Wetland, aquatic habitats
Gray Treefrog	<i>Hyla versicolor</i>	Wetland, aquatic habitats
Wood Frog	<i>Rana sylvatica</i>	Mature forest
Pickerel Frog	<i>Rana palustri</i>	Open field, wetland, aquatic habitats
Bullfrog	<i>Rana catesbeianus</i>	Wetland, aquatic habitats
Green Frog	<i>Rana clamitans</i>	Wetland, aquatic habitats
Northern Leopard Frog	<i>Rana pipiens</i>	Wetland, aquatic habitats
American Toad	<i>Bufo americanus</i>	Wetland, aquatic habitats
Spring Peeper	<i>Hyla crucifer</i>	Wetland, aquatic habitats
Eastern Newt	<i>Notophthalmus viridescens</i>	Aquatic habitats
Jefferson Salamander	<i>Ambystoma jeffersonianum</i>	Wetland, mature forest



Blue-Spotted Salamander	<i>Ambystoma laterale</i>	Wetland, mature forest
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**AMPHIBIAN AND REPTILIANFAUNA – cont'd.**

<b>Common Name</b>	<b>Scientific Name</b>	<b>Habitat</b>
Spotted Salamander	<i>Ambystoma maculatum</i>	Wetland, mature forest
Dusky Salamander	<i>Desmognathus fuscus</i>	Wetland, mature forest
Redback Salamander	<i>Plethodon cinereus</i>	Wetland, mature forest
Spring Salamander	<i>Gyrinophilus porphyriticus</i>	Wetland, mature forest
Two-Lined Salamander	<i>Eurycea bislineata</i>	Wetland, mature forest

Sources: Andrle, R.F. and J.R. Carroll (eds.), *The Atlas of Breeding Birds in New York State, 1988*, Cornell University Press, Ithaca, NY.; Saunders, D.A., *Adirondack Mammals, 1988*, State University of New York College of Environmental Science and Forestry, Syracuse, NY.; Sutton, A. and M. Sutton (eds), *The Audubon Society Nature Guides; Eastern Forests, 1986*, Alfred A. Knopf, New York.

**New York State Department of Environmental Conservation**  
**Division of Fish, Wildlife & Marine Resources**  
**Wildlife Resources Center – New York Natural Heritage Program**  
700 Troy-Schenectady Road, Latham, New York 12110-2400  
Phone: (518) 783-3932 FAX: (518) 783-3916



April 1, 1999

Sarah A. Clarkin  
the LA Group  
40 Long Alley  
Saratoga Springs, NY 12866

*ans taskforce.gov*

Dear Ms. Clarkin:

We have reviewed the New York Natural Heritage Program files with respect to your recent request for biological information concerning the proposed Local Waterfront Revitalization Program, area as indicated on your enclosed map, located in the Village of Whitehall, Washington County.

Enclosed is a computer printout covering the area you requested to be reviewed by our staff. The information contained in this report is considered sensitive and may not be released to the public without permission from the New York Natural Heritage Program.

Our files are continually growing as new habitats and occurrences of rare species and communities are discovered. In most cases, site-specific or comprehensive surveys for plant and animal occurrences have not been conducted. For these reasons, we can only provide data which have been assembled from our files. We cannot provide a definitive statement on the presence or absence of species, habitats or natural communities. This information should not be substituted for on-site surveys that may be required for environmental assessment.

This response applies only to known occurrences of rare animals, plants, natural communities, and/or significant wildlife habitats. Please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, at the address enclosed for information regarding any regulated areas or permits that may be required (e.g., regulated wetlands) under State Law.

If this proposed project is still active one year from now we recommend that you contact us again so that we may update this response.

Sincerely,

*Teresa Mackey*  
Teresa Mackey, Information Services  
NY Natural Heritage Program

Encs

cc: Reg. 5, Wildlife Mgr.  
Reg. 5, Fisheries Mgr.

NATURAL HERITAGE REPORT ON RARE SPECIES and ECOLOGICAL COMMUNITIES

Prepared 31 MAR 1999 by NY Natural Heritage Program, NYS DEC, Latham, New York.

Records with a PRECISION value of "S" are known to be in a location which may be impacted by the proposed action.  
 Records with a PRECISION value of "M" may possibly occur within the project area in appropriate habitat.  
 This report contains SENSITIVE information which should be treated in a sensitive manner -- Please see cover letter.

REFER TO THE USERS GUIDE FOR EXPLANATIONS OF CODES, RANKS, AND FIELDS.

* LOCATION	SCIENTIFIC NAME & Common Name	NY LEGAL STATUS & HERITAGE RANK	FEDERAL STATUS	PRECISION & ACRES	EORANK & LAST SEEN	GENERAL HABITAT & QUALITY	TOWN(S) & DETAILED LOCATION	USGS TOPO QUAD LAT & LONG	OFFICE USE
* LAKE CHAMPLAIN SOUTH BASIN									

DEEP EMERGENT MARSH COMMUNITY		UNPROTECTED		S 835 A	1997	DEEP WATER MARSH OCCUPYING 50% OF UPPER PORTION OF LAKE CHAMPLAIN AND EXTENDING UP TWO TRIBUTARIES IN SECLUDED BAYS AND ISOLATED BASINS ON INSIDE OF RIVER MEANDERS. LEVEES SUPPORTING SILVER MAPLE-ASH SWAMPS AND FLOODPLAIN FORESTS SEPARATE THE MARSH FROM AQUATIC COMMUNITIES. IN DEEPER WATER THE MARSH GRADES INTO A CULTURAL EUTROPHIC LAKE WITH TRAPA NATANS-CHOKED CHANNELS AND BAYS PLUS THE LOWER REACHES OF A MAIN CHANNEL STREAM. THE LANDSCAPE IS MODERATELY INTACT WITH SCATTERED RESIDENCES, CLEARINGS AND PARALLELING TRANSPORTATION CORRIDORS. ENORMOUS MARSH COMPLEX WITH EXCELLENT NATIVE SPECIES DIVERSITY AND ONE OR MORE LARGE CORES WITH MINIMAL DISTURBANCES, BUT WITH SEVERAL CORES WITH HIGH CONCENTRATION OF INVASIVE EXOTICS. POSSIBLY	DRESDEN, PUTNAM, WHITEHALL. SOUTHERN HEADWATERS OF LAKE CHAMPLAIN INCLUDING THREE LARGE TRIBUTARIES. COMMUNITY STRETCHES ALONG LAKE FROM CEDAR MOUNTAIN, VT TO WHITEHALL (THE ELBOW AND LOWEST LOCK ON WOOD CREEK), PLUS THE LOWER 1.5 MILES OF SOUTH BAY AND THE LOWER 4.5 MILES OF POUTNEY RIVER FROM ITS MOUTH UPSTREAM TO COGGMAN POND. COMMUNITY IS BEST OBSERVED VIA BOAT LAUNCHED FROM NYS DEC BOAT LAUNCH AT ROUTE 22 CROSSING OVER SOUTH BAY. IT CAN ALSO BE ACCESSED VIA DODGE ROAD, SCIOTO ROAD AND BELDEN ROAD.	PUTNAM 43 38 22 N 73 25 50 W	4307364 5
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Prepared 31 MAR 1999 by NY Natural Heritage Program, NYS DEC, Latham, New York.

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page 2

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* POULTNEY RIVER						LARGEST OCCURRENCE IN NEW YORK. CHOSEN AS ONE OF TWO BEST IN ADIRONDACK NATURE CONSERVANCY AREA (D. HUNT, 1997).			

NATURAL HERITAGE REPORT ON RARE SPECIES AND ECOLOGICAL COMMUNITIES

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REFER TO THE USERS GUIDE FOR EXPLANATIONS OF CODES, RANKS, AND FIELDS.

* LOCATION		NY LEGAL STATUS & HERITAGE RANK	FEDERAL STATUS	PRECISION & ACRES	FORANK & LAST SEEN	GENERAL HABITAT AND QUALITY	TOWN(S) & DETAILED LOCATION	USGS TOPO QUAD LAT & LONG	OFFICE USE
FLOODPLAIN FOREST COMMUNITY	UNPROTECTED	S	105	BC	1997	OCURRENCE IS A NARROW STRIP OF 10 PATCHES THAT FOLLOW THE POULTNEY RIVER/EAST BAY FROM THE CARVER FALLS DAM W AND S TO A LARGE PATCH AT THE HEAD OF LAKE CHAMPLAIN (THE ELBOW). THE FLOODPLAIN FOREST IS BORDERED BY DEEP EMERGENT MARSH, SILVER MAPLE ASH SWAMP, SUCCESSIONAL OLD FIELD, AND CROPLAND. THE LANDSCAPE IS MODERATELY INTACT WITH MODERATE SIZE FOREST FRAGMENTS AND INTACT MARSHES, AGRICULTURAL FIELDS, AND SCATTERED RESIDENCES. MODERATE SIZE OCCURENCE WITH GOOD DIVERSITY, A FEW LARGE TREES, LOGGED AREAS, AND SOME EXOTICS INCLUDING INVASIVE EXOTICS. LANDSCAPE IS MODERATELY INTACT.	WHITEHALL, HAMPTON. FROM WHITEHALL GO N ON RTE 10 (SCIOTA ROAD). TURN LEFT ONTO EAST BAY RD, DODGE RD, WARD RD, OR WADE RD. DRIVE TO THE END OF THE ROAD. WALK W TOWARDS RIVER. OCCURRENCE IS A NARROW STRIP OF 10 PATCHES THAT FOLLOW THE POULTNEY RIVER/EAST BAY FROM THE CARVER FALLS DAM W AND S TO A LARGE PATCH AT THE HEAD OF LAKE CHAMPLAIN (THE ELBOW).	WHITEHALL 43 35 58 N 73 22 40 W	4307354 27

NATURAL HERITAGE REPORT ON RARE SPECIES AND ECOLOGICAL COMMUNITIES

Prepared 31 MAR 1999 by NY Natural Heritage Program, NYS DEC, Latham, New York.

Records with a PRECISION value of "nsu" are known to be in a location which may be impacted by the proposed action. Records with a PRECISION value of "m" may possibly occur within the project area in appropriate habitat. This report contains SENSITIVE information which should be treated in a sensitive manner -- please see cover letter.

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REFER TO THE USERS GUIDE FOR EXPLANATIONS OF CODES, RANKS, AND FIELDS.

* LOCATION		NY LEGAL STATUS	FEDERAL PRECISION	EORANK & LAST SEEN	GENERAL HABITAT AND QUALITY	TOWN(S) & DETAILED LOCATION	USGS TOPO QUAD LAT & LONG	OFFICE USE
SCIENTIFIC NAME & Common Name		& HERITAGE RANK	& ACRES					
* SKENE MOUNTAIN								
CAREX SCIRPOIDEA Canadian single-spike sedge		THREATENED G5	S 1	AB 1988	OPEN CANOPY ROCKY WOODS ON STEEP SLOPE WITH OPEN GRASSY/SEDGY SPOTS. OPEN SECTIONS OF CALCAREOUS ROCKY SUMMIT COMMUNITY. ASSOCIATED SPECIES: PANICUM FLEXILE, SOLIDAGO PTARMACOIDES, SORGHASTRUM NUTANS, AND CAREX EBURNEA. LARGE POPULATION IN DIVERSE HABITAT, PROTECTABLE.	WHITEHALL. SW FACE OF SKENE MT, 0.3 MI S OF EXTREME SUMMIT OF HILL OVERLOOKING VILLAGE OF WHITEHALL.	WHITEHALL 43 33 12 N 73 23 44 W	4307354 11
PANICUM FLEXILE Wiry panic grass VASCULAR PLANT		THREATENED G5 S2	S 1	B 1988	OPEN CANOPY ROCKY WOODS ON STEEP SLOPE WITH OPEN GRASSY/SEDGY SPOTS OVERLOOKING VILLAGE OF WHITEHALL. OPEN ROCKY AREAS ON STEEP SLOPE. SEEPAGE. ASSOCIATED SPECIES: SENECIO PAUPERCULUS, SORGHASTRUM NUTANS AND CAREX SCIRPOIDEA. 200-500 PLANTS IN GOOD HABITAT.	WHITEHALL. SW FACE OF SKENE MT 0.3 MI S OF EXTREME SUMMIT OF HILL. PLANTS LOCATED ON OPEN ROCKY AREAS ON STEEP SLOPE.	WHITEHALL 43 33 12 N 73 23 44 W	4307354 11

NATURAL HERITAGE REPORT ON RARE SPECIES AND ECOLOGICAL COMMUNITIES

Prepared 31 MAR 1999 by NY Natural Heritage Program, NYS DEC, Latham, New York.

Records with a PRECISION value of "U" are known to be in a location which may be impacted by the proposed action. Records with a PRECISION value of "M" may possibly occur within the project area in appropriate habitat. This report contains SENSITIVE information which should be treated in a sensitive manner -- Please see cover letter.

REFER TO THE USERS GUIDE FOR EXPLANATIONS OF CODES, RANKS, AND FIELDS.

LOCATION	SCIENTIFIC NAME & Common Name	NY LEGAL STATUS & HERITAGE RANK	FEDERAL STATUS	PRECISION & ACRES	EORANK & LAST SEEN	GENERAL HABITAT AND QUALITY	TOWN(S) & DETAILED LOCATION	USGS TOPO QUAD LAT & LONG	OFFICE USE
	LIMESTONE WOODLAND	UNPROTECTED	S	22 AB	1988	OPEN CANOPY DECIDUOUS WOODS (LIMESTONE WOODS) ON STEEP SW-FACING SLOPES OF SKENE MT. OVERLOOKING VILLAGE OF WHITEHALL. TERRAIN IS ROCKY-COBBLE WITH EXPOSED LEDGES (LIMESTONE). SOME ACTIVE LANDSLIDES AND TALUS AREAS. SUMMIT GLADES ON TOP OF MOUNTAIN. UPPER GLADES ARE DRIER AND CONTAIN XERIC SHRUBS. LARGE, GOOD OCCURRENCE WITH ONLY MINOR DISTURBANCE.	WHITEHALL. SW FACE OF SKENE MT ON STEEP ROCK OUTCROPS.	WHITEHALL 43 33 12 N 73 23 44 W	4307354 11
	COMMUNITY	G3G4 S2S3							

\* WHITEHALL

CUSCUTA CEPHALANTHI	UNPROTECTED	M	H	XXXX	WHITEHALL.	WHITEHALL	43 33 37 N	4307354
Button-bush dodder					WHITEHALL.		73 24 10 W	12
VASCULAR PLANT	G5 S1							
LACTUCA HIRSUITA	UNPROTECTED	M	H	XXXX	WHITEHALL.	WHITEHALL	43 32 21 N	4307354
Downy lettuce					WHITEHALL.		73 22 57 W	30
VASCULAR PLANT	G4? S1							

**FEDERAL STATUS (plants and animals):** The categories of federal status are defined by the United States Department of the Interior as part of the 1974 Endangered Species Act (see Code of Federal Regulations 50 CFR 17). The species listed under this law are enumerated in the Federal Register vol. 50, no. 188 pp. 39526 - 39527.

- (blank) = No Federal Endangered Species Act status.
- LE = The taxon is formally listed as endangered.
- LT = The taxon is formally listed as threatened.
- LELT = The taxon is formally listed as endangered in part of its range and threatened in other parts.
- PE = The taxon is proposed as endangered.
- PT = The taxon is proposed as threatened.
- C1 = Candidate, category 1 - There is sufficient information to list the taxon as endangered or threatened.
- C2 = Candidate, category 2 - The taxon may be appropriate for listing but more data are needed.
- 3A = The taxon considered extinct by the U. S. Fish and Wildlife Service (USFWS).
- 3B = The taxon is no longer considered taxonomically distinct by the USFWS and thus is not appropriate for listing.
- 3C = The taxon has been shown to be more abundant, widespread, or better protected than previously thought and therefore not in need of official listing.
- \* = The taxon is possibly extinct.
- \*\* = The taxon is thought to be extinct in the wild but extant in cultivation.

Additional codes:

- (C2NL) = Heritage code indicating that the taxon is a candidate in some areas, not listed in other areas.
- (E/SA) = Heritage code indicating that the taxon is endangered because of similarity of appearance to other endangered species or subspecies.

**FEDERAL STATUS (ecological communities):** At this time there are no federal status categories defined for ecological communities.

**GLOBAL AND STATE RANKS (animals, plants, ecological communities and others):** Each element has a global and state rank as determined by the NY Natural Heritage Program. These ranks carry no legal weight. The global rank reflects the rarity of the element throughout the world and the state rank reflects the rarity within New York State. Intraspecific taxa are also assigned a taxon rank to reflect the intraspecific taxon's rank throughout the world.

**GLOBAL RANK:**

- G1 = Critically imperiled globally because of extreme rarity (5 or fewer occurrences), or very few remaining acres, or miles of stream) or especially vulnerable to extinction because of some factor of its biology.
- G2 = Imperiled globally because of rarity (6 - 20 occurrences, or few remaining acres, or miles of stream) or very vulnerable to extinction throughout its range because of other factors.
- G3 = Either rare and local throughout its range (21 to 100 occurrences), or found locally (even abundantly at some of its locations) in a restricted range (e.g. a physiographic region), or vulnerable to extinction throughout its range because of other factors.
- G4 = Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- G5 = Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- GH = Historically known, with the expectation that it might be rediscovered.
- GX = Species believed to be extinct.
- GU = Status unknown.

**STATE RANK:**

- S1 = Typically 5 or fewer occurrences, very few remaining individuals, acres, or miles of stream, or some factor of its biology making it especially vulnerable in New York State.
- S2 = Typically 6 to 20 occurrences, few remaining individuals, acres, or miles of stream, or factors demonstrably making it very vulnerable in New York State.
- S3 = Typically 21 to 100 occurrences, limited acreage, or miles of stream in New York State.
- S4 = Apparently secure in New York State.
- S5 = Demonstrably secure in New York State.
- SH = Historically known from New York State, but not seen in the past 15 years.
- SX = Apparently extirpated from New York State.
- SA = Accidental or casual in the state.
- SE = Exotic, not native to New York State.
- SP = Element potentially occurs in the state but there are no occurrences reported.
- SR = Reported in the state but without persuasive documentation.
- SU = Status unknown.

**TAXON (T) RANK:** The T-ranks (T1 - T5) are defined the same way the Global ranks (G1 - G5) are but the T-rank only refers to the rarity of the subspecific taxon of the species as a whole.

- T1 through T5 = See Global Rank definitions above.
- Q = Indicates a question exists whether or not the taxon is a good taxonomic entity.
- ? = Indicates a question exists about the rank.

**OFFICE USE:** Information for use by the Natural Heritage Program.

**SIGNIFICANT HABITAT DATABASE REPORTS (Use of this database is slowly being discontinued as the data is integrated into Heritage databases)**

- REPORT ID: Significant habitat file code.
- NAME OF AREA: Site name where the significant habitat is located.
- TYPE OF AREA: Type of significant habitat.
- COUNTY/TOWN OR CITY: County and town where the significant habitat is located.
- QUADRANGLE: Name of the USGS 7.5 minute topographic map where the significant habitat is located.
- LATITUDE: Latitude coordinate (degrees, minutes, seconds) for the location of the significant habitat.
- LONGITUDE: Longitude coordinate for the location of the significant habitat.



**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF ENVIRONMENTAL PERMITS REGIONAL OFFICES**

<u>REGION</u>	<u>COUNTIES</u>	<u>NAME</u>	<u>ADDRESS AND PHONE NO.</u>
Region 1	Nassau Suffolk	Robert Greene Permit Administrator	Loop Road, Bldg. 40 SUNY Stony Brook, NY 11790-2356 (516) 444-0365
Region 2	New York City	George Danskin Permit Administrator	Hunters Point Plaza 4740 21st Street Long Island City, NY 11101-5407 (718) 482-4997
Region 3	Dutchess Orange Putnam Rockland, Sullivan Ulster, Westchester	Margaret Duke Permit Administrator	21 South Putt Corners Road New Paltz, NY 12561-1696 (914) 256-3059
Region 4	Albany Columbia Delaware Greene, Montgomery, Otsego Rensselaer, Schenectady, Schoharie	William J. Clarke Permit Administrator	1150 N. Westcott Road Schenectady, NY 12306-2014 (518) 357-2234
Region 5	Clinton Essex Franklin Fulton, Hamilton Saratoga, Warren, Washington	Richard Wild Permit Administrator	Route 86 Ray Brook, NY 12977 (518) 897-1234
Region 6	Herkimer Jefferson Lewis Oneida, St. Lawrence	Randy Vaas Permit Administrator	State Office Building 317 Washington Street Watertown, NY 13601 (315) 785-2246
Region 7	Broome Cayuga Chenango Cortland, Madison, Onondaga Oswego, Tioga, Tompkins	Ralph Manna, Jr. Permit Administrator	615 Erie Blvd. West Syracuse, NY 13204-2400 (315) 426-7439
Region 8	Chemung Genesee Livingston Monroe, Ontario, Orleans Schuyler, Seneca, Steuben Wayne, Yates	Albert Butkas Permit Administrator	6274 East Avon-Lima Road Avon, NY 14414 (716) 226-2466
Region 9	Allegany Cattaraugus Chautauqua Erie, Niagara, Wyoming	Steven Doleski Permit Administrator	270 Michigan Avenue Buffalo, NY 14203-2999 (716) 851-7165