

APPENDIX E

APPENDIX E

MAMMALS OF JEFFERSON, LEWIS AND ST. LAWRENCE COUNTIES

ORDER MARSUPIALIA

Family Didelphidae

Didelphis marsupialis Opossum

ORDER INSECTIVORA

Family Talpidae

Parascalops breweri Hairy-tailed mole
Condylura cristata Star-nosed mole

Family Soricidae

Sorex cinereus Masked shrew
Sorex fumeus Smoked shrew Statewide except extreme northeast corner
Sorex dispar Long-tailed shrew - Catskill and Adirondack Mountains
Sorex palustris Water shrew
Microsorex hoyi Pigmy shrew
Cryptotis parva Least shrew
Blarina brevicauda Short-tailed shrew

ORDER CHIROPTERA

Family Vespertilionidae

Myotis lucifugus Little brown bat
Myotis keenii Keen's myotis
Myotis subulatus Least myotis
Myotis sodalis Indiana myotis - (?) - Hiberaculum at Glen Park,
Jefferson County
Lasionycteris noctivagans Silver-haired bat
Pipistrellus subflavus Eastern pipistrel
Eptesicus fuscus Big brown bat
Lasiurus borealis Red bat
Lasiurus cinereus Hoary bat

ORDER LAGOMORPHA

Family Leporidae

Sylvilagus floridanus Eastern cottontail - Statewide except Central Adirondacks
Lepus americanus Snowshoe hare - Scattered throughout State (Taconics,
Adirondacks, Catskills)
Lepus europaeus European hare (introduced) - Hudson Valley, Mohawk
Valley, St. Lawrence-Lake Ontario Plain

ORDER RODENTIA

Family Sciuridae

<u>Tamias striatus</u>	Eastern chipmunk
<u>Marmota monax</u>	Eastern woodchuck
<u>Sciurus carolinensis</u>	Eastern gray squirrel - Statewide except Central Adirondacks
<u>Tamiasciurus hudsonicus</u>	Red squirrel - Statewide
<u>Glaucomys volans</u>	Eastern flying squirrel - Southern two-thirds of State
<u>Glaucomys sabrinus</u>	Northern flying squirrel - Catskills & Adirondacks (?)

Family Castoridae

<u>Castor canadensis</u>	Beaver
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Family Cricetidae

<u>Peromyscus leucopus</u>	Wood mouse
<u>Peromyscus maniculatus</u>	Deer mouse
<u>Clethrionomys gapperi</u>	Red-backed mouse
<u>Microtus pennsylvanicus</u>	Meadow vole
<u>Microtus chrotorrhinus</u>	Rock vole - Catskills and Adirondacks (Yellownose Vole)
<u>Microtus pinetorum</u>	Pine vole
<u>Ondatra tibethicus</u>	Muskrat
<u>Synaptomys cooperi</u>	Southern bog lemming

Family Muridae (Introduced)

<u>Rattus rattus</u>	Black rat
<u>Rattus norvegicus</u>	Brown or Norway rat
<u>Mus musculus</u>	House mouse

Family Zapodidae

<u>Zapus hudsonius</u>	Meadow jumping mouse
<u>Napaeozapus insignis</u>	Woodland jumping mouse

Family Erethizontidae

<u>Erethizon dorsatum</u>	Porcupine
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ORDER CARNIVORA
Suborder Fissipedia

Family Canidae

<u>Canis latrans</u>	Coyote
<u>Vulpes fulva</u>	Red fox
<u>Urocyon cinereoargenteus</u>	Gray fox

Family Ursidae

Ursus americanus

Black bear

Family Procyonidae

Procyon lotor

Raccoon

Family Mustelidae

Martes americana

Marten - Central Adirondacks - possible in extreme eastern portion of Region

Martes pennanti

Fisher - Central Adirondacks, Peripheral Adirondacks, Tug Hill.

Mustela erminea

Short-tailed weasel

Mustela frenata

Long-tailed weasel

Mustela vison

Mink - Statewide

Lutra canadensis

River Otter

Mephitis mephitis

Striped skunk

Family Felidae

Lynx rufus

Bobcat - Adirondacks, Catskills and occasional Statewide

ORDER ARTIODACTYLA

Family Cervidae

Odocoileus virginiana

White-tailed deer

Alces alces

Moose- occasional wanderings (1980,1981)

Amphibians of New York State

Lewis, Jefferson, L. S. Lawrence (C. S.)

Mudpuppy
Jefferson's Salamander
Spotted salamander
Red-spotted newt
Dusky salamander
Allegheny mountain salamander
Red-backed salamander
Four toed salamander
Spring salamander
Two-lined salamander
American toad
Northern spring pepper
Gray tree frog
Western chorus frog
Bullfrog
Green frog
Mink frog
Wood frog
Northern leopard frog
Pickerel frog

Necturus maculosus maculosus
Ambystoma jeffersonianum
Ambystoma maculatum
Diemictylus viridescens viridescens
Desmognathus fuscus fuscus
Desmognathus ochrophaeus ochrophaeus
Plethodon cinereus cinereus
Hemidactylium acutatum
Gyrinophilus porphyriticus porphyriticus
Eurycea bislineata bislineata
Bufo terrestris americanus
Hyla crucifer crucifer
Hyla versicolor versicolor
Pseudacris nigrita triseriata
Rana catesbeiana
Rana clamitans
Rana septentrionalis
Rana sylvatica sylvatica
Rana pipiens pipiens
Rana palustris

Reptiles of New York State

Levin, Jeffrey - 1977

Non-marine turtles

Snapping turtle
Stinkpot or common musk turtle
Wood turtle
Blanding's turtle
Map turtle
Midland painted turtle

Chelydra serpentina serpentina
Sternotherus odoratus
Clemmys insculpta
Emydoidea blandingii
Graptemys geographica
Chrysemys picta marginata

Snakes

Northern water snake
Northern brown or DeKay's snake
Red-bellied snake
Eastern ribbon snake
Eastern garter snake
Eastern ring-necked snake
Smooth green snake
Black rat or pilot black snake
Eastern milk snake

Natrix sipedon sipedon
Storeria dekayi dekayi
Storeria occipitomaculata occipitomaculata
Thamnophis sauritus sauritus
Thamnophis sirtalis sirtalis
Diaophis punctatus edwardsi
Opheodrys vernalis vernalis
Elaphe obsoleta obsoleta
Lampropeltis triangulum triangulum

PRELIMINARY REPORT:
BIOLOGICAL CHARACTERISTICS
OF THE ST. LAWRENCE RIVER

February 1977

Edited by
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Cortland, New York
and
State University College of Environmental Science and Forestry
Syracuse, New York

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Table 1. A comparison of fish species determined to inhabit the international section of the St. Lawrence River.

Species	Greeley <i>et al.</i> 1930	Hubbs & Lagler 1958	Scott & Crossman 1973	1976
<i>Ichthyomyzon fossor</i> Northern brook lamprey		X	X	
<i>Ichthyomyzon unicuspis</i> Silver lamprey	X	X	X	X
<i>Lampetra lamottei</i> American brook lamprey		X	X	
<i>Petromyzon marinus</i> Sea lamprey	X	X	X	X
<i>Acipenser fulvescens</i> Lake sturgeon	X	X	X	X
<i>Lepisosteus osseus</i> Longnose gar	X	X	X	X
<i>Amia calva</i> Bowfin	X	X	X	X
<i>Anguilla rostrata</i> American eel	X	X	X	X
<i>Alosa pseudoharengus</i> Alewife	X	X	X	X
<i>Dorosoma cepedianum</i> Gizzard shad		X	X	X
<i>Eiodon tergisus</i> Mooneye	X	X	X	X
<i>Coregonus artedii</i> Cisco or lake herring	X	X	X	
<i>Coregonus clupeaformis</i> Lake whitefish			X	
<i>Prosopium cylindraceum</i> Round whitefish		X	X	

Table 1. Continued.

<u>Species</u>	<u>Greeley et al. 1930</u>	<u>Hubbs & Lagler 1958</u>	<u>Scott & Crossman 1973</u>	<u>1976</u>
<i>Salmo gairdneri</i> Rainbow trout		X	X	X
<i>Salmo salar</i> Atlantic salmon	X	X	X	
<i>Salmo trutta</i> Brown trout		X	X	
<i>Salvelinus namaycush</i> Lake trout		X	X	
<i>Osmerus mordax</i> Rainbow smelt		X	X	X
<i>Umbra limi</i> Central mudminnow	X	X	X	X
<i>Esox americanus</i> Grass pickerel		X	X	X
<i>Esox lucius</i> Northern pike	X	X	X	X
<i>Esox masquinongy</i> Muskellunge	X	X	X	X
<i>Esox niger</i> Chain pickerel		X	X	
<i>Carassius auratus</i> Goldfish		X		
<i>Clinostomus elongatus</i> Redside dace		X		
<i>Couesius plumbeus</i> Lake chub		X	X	
<i>Cyprinus carpio</i> Carp	X	X	X	
<i>Exoglossum macilllingua</i> Cutlips minnow	X	X	X	X

Table 1. Continued.

Species	Greeley et al. 1930	Hubbs & Lagler 1958	Scott & Crossman 1973	1976
<i>Hybognathus hankinsoni</i> Brassy minnow		X	X	X
<i>Hybognathus nuchalis</i> Silvery minnow			X	X
<i>Nocomis micropogon</i> River chub			X	
<i>Notemigonus crysoleucas</i> Golden shiner	X	X	X	X
<i>Notropis anogenus</i> Pugnose shiner		X	X	X
<i>Notropis atherinoides</i> Emerald shiner	X	X	X	X
<i>Notropis bifrenatus</i> Bridle shiner	X	X	X	X
<i>Notropis cornutus</i> Common shiner	X	X	X	X
<i>Notropis heterodon</i> Blackchin shiner	X	X	X	X
<i>Notropis heterolepis</i> Blacknose shiner	X	X	X	X
<i>Notropis hudsonius</i> Spottail shiner	X	X	X	X
<i>Notropis rubellus</i> Rosyface shiner	X	X	X	X
<i>Notropis spilopterus</i> Spotfin shiner	X	X	X	X
<i>Notropis stramineus</i> Sand shiner	X	X	X	X
<i>Notropis volucellus</i> Mimic shiner	X		X	X

Table 1. Continued.

Species	Greeley <i>et al.</i> 1930	Hubbs & Lagler 1958	Scott & Crossman 1973	1976
<i>Phoxinus eos</i>				
Northern redbelly dace		X	X	
<i>Phoxinus neogaeus</i>				
Finescale dace		X	X	
<i>Pimephales notatus</i>				
Bluntnose minnow	X	X	X	X
<i>Pimephales promelas</i>				
Fathead minnow	X	X	X	X
<i>Rhinichthys atratulus</i>				
Blacknose dace		X	X	
<i>Rhinichthys cataractae</i>				
Longnose dace	X	X	X	X
<i>Semotilus atromaculatus</i>				
Creek chub	X	X	X	X
<i>Semotilus corporalis</i>				
Fallfish	X	X	X	X
<i>Semotilus margarita</i>				
Pearl dace		X	X	
<i>Carploides cyprinus</i>				
Quillback		X	X	
<i>Catostomus catostomus</i>				
Longnose sucker		X	X	
<i>Catostomus commersoni</i>				
White sucker	X	X	X	X
<i>Erimyzon oblongus</i>				
Creek chubsucker		X		
<i>Moxostoma anisurum</i>				
Silver redhorse	X	X	X	X
<i>Moxostoma carinatum</i>				
River redhorse		X	X	

Table 1. Continued.

<u>Species</u>	<u>Greeley 1930</u>	<u>Hubbs & Lagler 1958</u>	<u>Scott & Crossman 1973</u>	<u>1976</u>
<i>Moxostoma cuquesnei</i> Black redborse		X	X	
<i>Moxostoma hubbsi</i> Copper redborse		X		
<i>Moxostoma macrolepidotum</i> Shorthead redborse	X	X	X	X
<i>Moxostoma valenciennesi</i> Greater redborse	X	X	X	X
<i>Ictalurus melas</i> Black bullhead		X	X	
<i>Ictalurus natalis</i> Yellow bullhead		X	X	X
<i>Ictalurus nebulosus</i> Brown bullhead	X	X	X	X
<i>Ictalurus punctatus</i> Channel catfish	X	X	X	X
<i>Noturus flavus</i> Stonecat	X	X	X	
<i>Noturus gyrinus</i> Tadpole madtom		X	X	X
<i>Percopsis omiscomaycus</i> Trout-perch	X	X	X	X
<i>Lota lota</i> Burbot	X	X	X	X
<i>Fundulus diaphanus</i> Banded killifish	X	X	X	X
<i>Labidesthes sicculus</i> Brook silverside	X	X	X	X
<i>Culaea inconstans</i> Brook stickleback	X	X	X	X

Table 1. Continued.

Species	Greeley 1930	Hubbs & Lagler 1958	Scott & Crossman 1973	1976
<i>Gasterosteus aculeatus</i> Threespine stickleback	X	X	X	X
<i>Pungitius pungitius</i> Ninespine stickleback			X	
<i>Morone americana</i> White perch		X	X	X
<i>Morone chrysops</i> White bass		X	X	X
<i>Ambloplites rupestris</i> Rockbass	X	X	X	X
<i>Lepomis gibbosus</i> Pumpkinseed	X	X	X	X
<i>Lepomis macrochirus</i> Bluegill		X	X	X
<i>Lepomis megalotis</i> Longear sunfish		X		
<i>Micropterus dolomieu</i> Smallmouth bass	X	X	X	X
<i>Micropterus salmoides</i> Largemouth bass	X	X	X	X
<i>Pomoxis nigromaculatus</i> Black crappie		X	X	X
<i>Ammocrypta pellucida</i> Eastern sand darter		X	X	
<i>Etheostoma caeruleum</i> Rainbow darter		X		
<i>Etheostoma exile</i> Iowa darter	X	X	X	X
<i>Etheostoma flabellare</i> Faintail darter		X	X	
<i>Etheostoma nigrum</i> Johnny darter	X	X	X	

Table 1'. Continued.

Species	Greeley 1930	Hubbs & Lagler 1958	Scott & Crossman 1973	1976
<i>Etheostoma olmstedi</i> Tessellated darter				X
<i>Perca flavescens</i> Yellow perch	X	X	X	X
<i>Percina caprodes</i> Logperch	X	X	X	X
<i>Percina copelandi</i> Channel darter	X	X	X	
<i>Stizostedion canadense</i> Sauger	X	X	X	
<i>Stizostedion vitreum vitreum</i> Walleye	X	X	X	X
<i>Aplodinotus grunniens</i> Freshwater drum		X	X	X
<i>Cottus bairdi</i> Mottled sculpin	X	X	X	X
<i>Cottus cognatus</i> Slimy sculpin		X	X	X

Sparrow, Tree	
Sparrow, Chipping	
Sparrow, Field	
Sparrow, White-crnd	
Sparrow, White-thrld	
Sparrow, Fox	

Sparrow, Lincoln's	
Sparrow, Swamp	
Sparrow, Song	
Longspur, Lapland	
Bunting, Snow	

NOTE: All reports of unusual sightings (those marked with *), species not on checklist, or species seen out of season must be submitted with details such as numbers, date, location, observers, field marks. Field marks used in identification (plumage, action, song, flight, etc.) should be noted at time of observation.)

CASUAL OR HYPOTHETICAL:

White-tailed Tropic-bird (Specimen)	Barn Owl
Little Blue Heron	Great Gray Owl
Snowy Egret	Boreal Owl (Specimen)
Glossy Ibis	Red-bellied Woodpecker
White-fronted Goose	Western Kingbird
European Wigeon	Willow Flycatcher
Marrow's Goldeneye (Specimen)	Raven (Specimen)
Common Eider	Tufted Titmouse
King Eider	Carolina Wren
Golden Eagle (Specimen)	Sage Thrasher (Photo)
Gyr Falcon (Specimen)	Varied Thrush (Specimen)
Spruce Grouse (Specimen)	Worm-eating Warbler
Bobwhite	Blue-winged Warbler
Yellow Rail	Louisiana Waterthrush
Piping Plover	Yellow-breasted Chat
Long-billed Curlew (Specimen)	Hooded Warbler
Millet	Western Meadowlark
Long-billed Dowitcher	Orchard Oriole
Hudsonian Godwit	Black-headed Grosbeak (Photo)
Ruff	Blue Grosbeak
American Avocet	Hoary Redpoll
Parasitic Jaeger	Clay-colored Sparrow
Little Gull	
Black-legged Kittiwake	
Forster's Tern	
Thick-billed Murre (Specimen)	

(Feb. 1975)

NORTH COUNTRY FELD CLUB Watertown, New York REGIONAL CHECKLIST OF BIRDS Jefferson, Lewis, St. Lawrence Counties

Observer _____ Date _____

Locality _____ Total _____

Loon, Common	Goldeneye, Common
Loon, Red-thrld*	Bufflehead
Grebe, Red-necked*	Oldsquaw
Grebe, Horned	Scoter, White-winged
Grebe, Pied-billed	Scoter, Surf
Cormorant, Dbl-cr	Scoter, Black
Heron, Great Blue	Duck, Ruddy *
Heron, Green	Merganser, Hooded
Egret, Cattle	Merganser, Common
Egret, Great*	Merganser, Red-brstd
Heron, Black-cr H.	Vulture, Turkey
Bittern, Least*	Goshawk, Northern
Bittern, American	Hawk, Sharp-shinned
Swan, Mute*	Hawk, Cooper's
Swan, Whistling*	Hawk, Red-tailed
Goose, Canada	Hawk, Red-shouldered
Brant*	Hawk, Broad-winged
Goose, Snow	Hawk, Rough-legged
Mallard	Eagle, Bald*
Duck, Black	Hawk, Marsh
Gadwall	Osprey
Pintail	Falcon, Peregrine*
Teal, Green-winged	Merlin*
Teal, Blue-winged	Kestrel, American
Wigeon, American	Grouse, Ruffed
Shoveler, Northern	Pheasant, Ring-necked
Duck, Wood	Partridge, Gray
Redhead	Turkey
Duck, Ring-necked	Rail, Virginia
Canvasback	Sora
Scaup, Greater	Callinule, Common
Scaup, Lesser	Coot, American

Plover, Semipalmated
 Killdeer
 Plover, Amer Golden
 Plover, Bl-bellied
 Turnstone, Ruddy
 Woodcock, American
 Snipe, Common
 Chimney " "
 Sandpiper, Upland
 Sandpiper, Spotted
 Sandpiper, Solitary
 Yellowlegs, Greater
 Yellowlegs, Lesser
 Knot, Red
 Sandpiper, Purple"
 Sandpiper, Pectoral
 Sandpiper, White-rumped
 Sandpiper, Baird's
 Sandpiper, Least
 Dunlin
 Dowitcher, Short-bld
 Sandpiper, Stilt
 Sandpiper, Semipalmated
 Sandpiper, Western "
 Sandpiper, Buff-brst"
 Sanderling
 Phalarope, Red"
 Phalarope, Wilson's"
 Phalarope, Northern"
 Gull, Glaucous
 Gull, Iceland
 Gull, Gr. Black-bkd
 Gull, Herring
 Gull, Ring-billed
 Gull, Bonaparte's
 Tern, Common
 Tern, Caspian
 Tern, Black
 Dove, Rock
 Dove, Mourning
 Cuckoo, Yellow-billed
 Cuckoo, Black-billed

Owl, Screech
 Owl, Great Horned
 Owl, Snowy
 Owl, Hawk"
 Owl, Barred
 Owl, Long-eared"
 Owl, Short-eared
 Owl, Saw-whet"
 Whip-poor-will
 Nighthawk, Common
 Swift, Chimney
 Hummingbird, Ruby-thrt
 Kingfisher, Belted
 Flicker, Common
 Woodpecker, Pileated
 Woodpecker, Red-headed
 Sapsucker, Yellow-bld
 Woodpecker, Hairy
 Woodpecker, Downy
 Woodpecker, Bl-bkd 3t"
 Woodpecker, Ho. 3t"
 Kingbird, Eastern
 Flycatcher, Gr. Crst
 Phoebe, Eastern
 Flycatcher, Yellow-bld"
 Flycatcher, Alder
 Flycatcher, Least
 Pewee, Eastern Wood
 Flycatcher, Olive-sd
 Lark, Horned
 Swallow, Tree
 Swallow, Bank
 Swallow, Rough-winged
 Swallow, Barn
 Swallow, Cliff
 Martin, Purple
 Jay, Gray"
 Jay, Blue
 Crow, Common
 Chickadee, Bl-capped
 Chickadee, Boreal"
 Nuthatch, White-brst

Nuthatch, Red-brst
 Creeper, Brown
 Wren, House
 Wren, Winter
 Wren, Long-billed Marsh
 Wren, Sht-billed Marsh"
 Mockingbird"
 Catbird, Gray
 Thrasher, Brown
 Robin, American
 Thrush, Wood
 Thrush, Hermit
 Thrush, Swainson's
 Thrush, Gray-cheeked
 Veery
 Bluebird, Eastern
 Gnatcatcher, Bl-gray"
 Kinglet, Golden-crnd
 Kinglet, Ruby-crnd
 Pipit, Water
 Waxwing, Bohemian"
 Waxwing, Cedar
 Shrike, Northern
 Shrike, Loggerhead
 Starling
 Vireo, Yellow-thrt
 Vireo, Solitary
 Vireo, Red-eyed
 Vireo, Philadelphia"
 Vireo, Warbling
 Warbler, Bl-white
 Warbler, Golden-wngd
 Warbler, Tennessee
 Warbler, Orange-crnd"
 Warbler, Nashville
 Warbler, No Parula
 Warbler, Yellow
 Warbler, Magnolia
 Warbler, Cape May
 Warbler, Bl-thrt Blue
 Warbler, Yellow-rumped
 Warbler, Bl-thrt Green

Warbler, Cerulean
 Warbler, Blackburnian
 Warbler, Chestnut-sd
 Warbler, Bay-brst
 Warbler, Blackpoll
 Warbler, Pine"
 Warbler, Palm
 Ovenbird
 Waterthrush, Northern
 Warbler, Connecticut"
 Warbler, Mourning
 Yellowthroat, Common
 Warbler, Wilson's
 Warbler, Canada
 Redstart, American
 Sparrow, House
 Bobolink
 Meadowlark, Eastern
 Blackbird, Red-winged
 Oriole, Northern
 Blackbird, Rusty
 Grackle, Common
 Cowbird, Brown-headed
 Tanager, Scarlet
 Cardinal
 Grosbeak, Rose-brst
 Bunting, Indigo
 Grosbeak, Evening
 Finch, Purple
 House Finch
 Grosbeak, Pine
 Redpoll, Common
 Siskin, Pine
 Goldfinch, American
 Crossbill, Red
 Crossbill, White-wngd
 Towhee, Rufous-sided
 Sparrow, Savannah
 Sparrow, Grasshopper
 Sparrow, Henslow's
 Sparrow, Vesper
 Junco, Black-eyed

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