

## **Appendix C: Species Lists**

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**Bird Species of Whitefish Point / page 150**

**Seney NWR 2004 Butterfly List / page 159**

**Herptofauna List, Seney NWR / page 164**

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## Birds of Seney NWR and Nearby Lands

Common Name	Scientific Name	Abundance by Species that are Possible, Probable, or Confirmed Breeders in Schoolcraft County				Special Designation	Preferred Habitat(s) <sup>1</sup>
		Abundant	Common	Uncommon	Occasional-Rare-Vagrant Non-Breeders		
Common Loon	<i>Gavia immer</i>		✓			Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	OWA
Horned Grebe	<i>Podiceps auritus</i>				✓		OWA
Red-necked Grebe	<i>Podiceps grisegena</i>				✓		OWA
Eared Grebe	<i>Podiceps nigricollis</i>				✓		OWA
Pied-billed Grebe	<i>Podilymbus podiceps</i>		✓				OWA
American White Pelican	<i>Pelecanus erythrorhynchos</i>				✓		OWA
Double-crested Cormorant	<i>Phalacrocorax auritus</i>				✓	Region 3 Conservation Priorities	OWA
American Bittern	<i>Botaurus lentiginosus</i>		✓			Region 3 Conservation Priorities, Michigan Special Animal	OWE
Least Bittern	<i>Ixobrychus exilis</i>				✓	Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	OWE
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>				✓	Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	OWE
Great Blue Heron	<i>Ardea herodias</i>		✓				OWA, OWE
Green Heron	<i>Butorides virescens</i>				✓		OWA, OWE
Great Egret	<i>Ardea alba</i>				✓		OWA, OWE

## Birds of Senev NWR and Nearby Lands (Continued)

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		Abundant	Common	Uncommon	Occasional-Rare-Vagrant Non-Breeders		
Mute Swan	<i>Cygnus olor</i>				✓		OWA
Trumpeter Swan	<i>Cygnus buccinator</i>	✓	✓	✓		Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	OWA
Tundra Swan	<i>Cygnus columbianus</i>				✓		OWA
Snow Goose	<i>Chen caerulescens</i>				✓	Region 3 Conservation Priorities	OWA
Canada Goose	<i>Branta canadensis</i>	✓				Region 3 Conservation Priorities	OWA
American Black Duck	<i>Anas rubripes</i>		✓			Region 3 Conservation Priorities	OWA
Canvasback	<i>Aythya valisineria</i>				✓	Region 3 Conservation Priorities	OWA
Redhead	<i>Aythya americana</i>				✓		OWA
Lesser Scaup	<i>Aythya affinis</i>				✓	Region 3 Conservation Priorities	OWA
Black Scoter	<i>Melanitta nigra</i>				✓		OWA
White-winged Scoter	<i>Melanitta nigra</i>				✓		OWA
Long-tailed Duck	<i>Clangula hyemalis</i>				✓		OWA
Bufflehead	<i>Bucephala albeola</i>				✓		OWA
Common Goldeneye	<i>Bucephala clangula</i>				✓		OWA
Ruddy Duck	<i>Oxyura jamaicensis</i>				✓		OWA
Wood Duck	<i>Aix sponsa</i>		✓			Region 3 Conservation Priorities	OWA, OWE
Gadwall	<i>Anas strepera</i>				✓		OWA, OWE

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		Abundant	Common	Uncommon	Occasional-Rare-Vagrant Non-Breeders		
American Widgeon	<i>Anas americana</i>				✓		OWA, OWE
Mallard	<i>Anas platyrhynchos</i>		✓			Region 3 Conservation Priorities	OWA, OWE
Blue-winged Teal	<i>Anas discors</i>		✓			Region 3 Conservation Priorities	OWA, OWE
Green-winged Teal	<i>Anas crecca</i>				✓		OWA, OWE
Northern Shoveler	<i>Anas clypeata</i>				✓		OWA, OWE
Northern Pintail	<i>Anas acuta</i>				✓	Region 3 Conservation Priorities	OWA, OWE
Ring-necked Duck	<i>Aythya collaris</i>		✓				OWA, OWE
Hooded Merganser	<i>Lophodytes cucullatus</i>		✓				OWA, OWE
Red-breasted Merganser	<i>Mergus serrator</i>				✓		OWA, OWE
Common Merganser	<i>Mergus merganser</i>				✓		OWA, OWE
Osprey	<i>Pandion haliaetus</i>		✓			Michigan Special Animal	OWA
Bald Eagle	<i>Haliaeetus leucocephalus</i>		✓			Region 3 Conservation Priorities, Michigan Special Animal	OWA
Golden Eagle	<i>Aquila chrysaetos</i>				✓		OWE, GRA, HAY, OLD
Turkey Vulture	<i>Cathartes aura</i>			✓			GRA, HAY, OLD
Peregrine Falcon	<i>Falco peregrinus</i>				✓	Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	OWE, GRA, HAY
Merlin	<i>Falco columbarius</i>			✓		Michigan Special Animal	DCF, DMF, MCF, MMF, WCF, WMF

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		Abundant	Common	Uncommon	Occasional-Rare-Vagrant Non-Breeders		
American Kestrel	<i>Falco sparverius</i>		✓				GRA, HAY, OLD
Red-tailed Hawk	<i>Buteo jamaicensis</i>		✓				GRA, HAY, OLD
Rough-legged Hawk	<i>Buteo lagopus</i>				✓		OWE, GRA, HAY, OLD
Broad-winged Hawk	<i>Buteo platypterus</i>		✓				DCF, DMF, WCF, WMF
Red-shouldered Hawk	<i>Buteo lineatus</i>				✓	Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	WMF, WCF
Sharp-shinned Hawk	<i>Accipiter striatus</i>			✓			DCF, DMF, MCF, MMF, WCF, WMF
Cooper's Hawk	<i>Accipiter cooperii</i>			✓		Michigan Special Animal	DCF, DMF, MCF, MMF, WCF, WMF
Northern Goshawk	<i>Accipiter gentilis</i>			✓		Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	DCF, DMF, MCF, MMF, WCF, WMF
Northern Harrier	<i>Circus cyaneus</i>		✓			Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	OWE, GRA, HAY, OLD
Spruce Grouse	<i>Falcipennis canadensis</i>			✓		Regional Forester Sensitive, Michigan Special Animal	DCF, WCF

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		Abundant	Common	Uncommon	Occasional-Rare-Vagrant Non-Breeders		
Ruffed Grouse	<i>Bonasa umbellus</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Sharp-tailed Grouse	<i>Tympanuchus phasianellus</i>			✓		Regional Forester Sensitive, Michigan Special Animal	GRA, HAY, OLD
Ring-necked Pheasant	<i>Phasianus colchicus</i>				✓		GRA, HAY, OLD
American Coot	<i>Fulica americana</i>				✓		OWA, OWE
Sandhill Crane	<i>Grus canadensis</i>		✓				OWE, GRA, HAY, OLD
Yellow Rail	<i>Coturnicops noveboracensis</i>			✓		Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	OWE
Virginia Rail	<i>Rallus limicola</i>		✓				OWE
Sora	<i>Porzana carolina</i>		✓				OWE
Upland Sandpiper	<i>Bartramia longicauda</i>			✓		Region 3 Conservation Priorities, Regional Forester Sensitive	GRA, HAY, OLD
Killdeer	<i>Charadrius vociferus</i>		✓				GRA, HAY, OLD
American Woodcock	<i>Scolopax minor</i>		✓			Region 3 Conservation Priorities	SUP
Greater Yellowlegs	<i>Tringa melanoleuca</i>		✓			Region 3 Conservation Priorities	SHO
Lesser Yellowlegs	<i>Tringa flavipes</i>				✓		SHO
Solitary Sandpiper	<i>Tringa solitaria</i>				✓		SHO
Spotted Sandpiper	<i>Actitis macularia</i>		✓				SHO

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		Abundant	Common	Uncommon	Occasional-Rare-Vagrant Non-Breeders		
Semipalmated Sandpiper	<i>Calidris pusilla</i>				✓		SHO
Least Sandpiper	<i>Calidris minutilla</i>				✓		SHO
White-rumped Sandpiper	<i>Calidris fuscicollis</i>				✓		SHO
Baird's Sandpiper	<i>Calidris bairdii</i>				✓		SHO
Pectoral Sandpiper	<i>Calidris melanotos</i>				✓		SHO
Common Snipe	<i>Gallinago gallinago</i>		✓				OWE, SHO
Dunlin	<i>Calidris alpina</i>				✓		SHO
Black-bellied Plover	<i>Pluvialis squatarola</i>				✓		OWE
Semipalmated Plover	<i>Charadrius semipalmatus</i>				✓		OWE
Bonaparte's Gull	<i>Larus philadelphia</i>				✓		OWA
Ring-billed Gull	<i>Larus delawarensis</i>		✓				OWA
Herring Gull	<i>Larus argentatus</i>		✓				OWA
Caspian Tern	<i>Sterna caspia</i>		✓			Regional Forester Sensitive, Michigan Special Animal	OWA
Common Tern	<i>Sterna hirundo</i>			✓		Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	OWA
Black Tern	<i>Chlidonias niger</i>			✓		Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	OWA, OWE
Rock Dove	<i>Columba livia</i>				✓		RES
Mourning Dove	<i>Zenaida macroura</i>		✓				RES



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		Abundant	Common	Uncommon	Occasional-Rare-Vagrant Non-Breeders		
White-throated Sparrow	<i>Zonotrichia albicollis</i>		✓				DCF, DMF
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>			✓		Region 3 Conservation Priorities	SWE, SUP
Great Horned Owl	<i>Bubo virginianus</i>			✓			DCF, DMF, MCF, MMF, WCF, WMF
Barred Owl	<i>Strix varia</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Long-eared Owl	<i>Asio otus</i>			✓		Region 3 Conservation Priorities, Michigan Special Animal	DCF, DMF, WCF, WMF
Snowy Owl	<i>Nyctea scandiaca</i>				✓		OWE, GRA, HAY, OLD
Northern Hawk Owl	<i>Surnia ulula</i>				✓		OWE, GRA, HAY, OLD
Great Gray Owl	<i>Strix nebulosa</i>				✓	Regional Forester Sensitive	OWE, GRA, HAY, OLD
Short-eared Owl	<i>Asio flammeus</i>				✓	Regional Forester Sensitive, Michigan Special Animal	OWE, GRA, HAY, OLD
Boreal Owl	<i>Aegolius funereus</i>				✓	Regional Forester Sensitive	WDF
Northern Saw-whet Owl	<i>Aegolius acadicus</i>			✓			WDF, WMF
Chimney Swift	<i>Chaetura pelagica</i>			✓			RES
Common Nighthawk	<i>Caprimulgus vociferus</i>			✓			DCF, GRA, HAY, OLD
Whip-poor-will	<i>Troglodytes aedon</i>			✓		Region 3 Conservation Priorities	DCF, GRA, HAY, OLD
Ruby-throated Hummingbird	<i>Archilochus colubris</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF, RES

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		Abundant	Common	Uncommon	Occasional-Rare-Vagrant Non-Breeders		
Belted Kingfisher	<i>Ceryle alcyon</i>		✓				OWA, OWE
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>			✓			DCF, DMF, MCF, MMF, WCF, WMF
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Downy Woodpecker	<i>Picoides pubescens</i>	✓					DCF, DMF, MCF, MMF, WCF, WMF
Hairy Woodpecker	<i>Picoides villosus</i>	✓					DCF, DMF, MCF, MMF, WCF, WMF
Black-backed Woodpecker	<i>Picoides arcticus</i>			✓		Regional Forester Sensitive, Michigan Special Animal	DCF, DMF, MCF, MMF, WCF, WMF
Northern Flicker	<i>Colaptes auratus</i>	✓				Region 3 Conservation Priorities	DCF, DMF, MCF, MMF, WCF, WMF
Pileated Woodpecker	<i>Dryocopus pileatus</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>				✓	Region 3 Conservation Priorities	GRA, HAY, OLD
Eastern Kingbird	<i>Tyrannus tyrannus</i>		✓				GRA, HAY, OLD
Olive-sided Flycatcher	<i>Contopus cooperi</i>			✓		Region 3 Conservation Priorities, Regional Forester Sensitive	DCF, DMF, MCF, MMF, WCF, WMF
Eastern Wood-Pewee	<i>Contopus virens</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>		✓			Regional Forester Sensitive	DCF, DMF, MCF, MMF, WCF, WMF

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Great Crested Flycatcher	<i>Myiarchus crinitus</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Least Flycatcher	<i>Empidonax minimus</i>		✓				GRA, HAY, OLD
Willow Flycatcher	<i>Empidonax traillii</i>			✓			SWE, SUP
Eastern Phoebe	<i>Sayornis phoebe</i>		✓				GRAY, HAY, OLD, RES
Northern Shrike	<i>Lanius excubitor</i>				✓		GRA, HAY, OLD
Blue-headed Vireo	<i>Vireo solitarius</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Philadelphia Vireo	<i>Vireo philadelphicus</i>				✓		DCF, DMF, MCF, MMF, WCF, WMF
Red-eyed Vireo	<i>Vireo olivaceus</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Yellow-throated Vireo	<i>Vireo flavifrons</i>				✓		DCF, DMF
White-eyed Vireo	<i>Vireo griseus</i>				✓		SUP
Gray Jay	<i>Perisoreus canadensis</i>			✓			WCF, WMF
Blue Jay	<i>Cyanocitta cristata</i>			✓			WCF, WMF
American Crow	<i>Corvus brachyrhynchos</i>		✓				GRAY, HAY, OLD, RES
Common Raven	<i>Corvus corax</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Horned Lark	<i>Eremophila alpestris</i>				✓		GRA, HAY, OLD
Tree Swallow	<i>Tachycineta bicolor</i>		✓				GRA, HAY, OLD
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>			✓			GRA, HAY, OLD
Bank Swallow	<i>Riparia riparia</i>		✓				GRA, HAY, RES, OLD

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Barn Swallow	<i>Hirundo rustica</i>		✓				GRA, HAY, RES, OLD
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>		✓				GRA, HAY, RES, OLD
Purple Martin	<i>Progne subis</i>			✓			RES
Black-capped Chickadee	<i>Poecile atricapilla</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Boreal Chickadee	<i>Poecile hudsonica</i>				✓		WCF, WMF
Red-breasted Nuthatch	<i>Sitta canadensis</i>		✓				DCF, DMF, WCF, WMF
White-breasted Nuthatch	<i>Sitta carolinensis</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Brown Creeper	<i>Certhia americana</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
House Wren	<i>Euphagus cyanocephalus</i>			✓			DCF, GRA, HAY, OLD
Marsh Wren	<i>Cistothorus palustris</i>			✓		Michigan Special Animal	OWE, SWE
Sedge Wren	<i>Cistothorus platensis</i>		✓			Region 3 Conservation Priorities	SWE
Winter Wren	<i>Troglodytes troglodytes</i>		✓				WCF, WMF
Eastern Bluebird	<i>Sialia sialis</i>		✓				DCF, GRA, HAY, RES, OLD
Ruby-crowned Kinglet	<i>Regulus calendula</i>			✓			WCF
Golden-crowned Kinglet	<i>Regulus satrapa</i>		✓				WCF
American Robin	<i>Turdus migratorius</i>		✓				DCF, DMF, WCF, WMF, RES
Veery	<i>Catharus fuscescens</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF

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Wood Thrush	<i>Hylocichla mustelina</i>			✓		Region Conservation Priorities <sup>3</sup>	MMF, DCF
Hermit Thrush	<i>Catharus guttatus</i>		✓				DCF, DMF
Swainson's Thrush	<i>Catharus ustulatus</i>			✓		Regional Forester Sensitive	WCF, WMF
Gray Catbird	<i>Dumetella carolinensis</i>		✓				SWE, SUP
Northern Mockingbird	<i>Mimus polyglottos</i>				✓		GRA, HAY, RES, OLD
Brown Thrasher	<i>Toxostoma rufum</i>		✓				DCF, SUP
European Starling	<i>Sturnus vulgaris</i>		✓				RES
American Pipit	<i>Anthus rubescens</i>				✓		
Bohemian Waxwing	<i>Bombycilla garrulus</i>				✓		DCF, DMF, MCF, MMF, WCF, WMF
Cedar Waxwing	<i>Bombycilla cedrorum</i>		✓				
Nashville Warbler	<i>Vermivora ruficapilla</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Magnolia Warbler	<i>Dendroica magnolia</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Yellow-rumped Warbler	<i>Dendroica coronata</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Black-throated Green Warbler	<i>Dendroica virens</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Pine Warbler	<i>Dendroica pinus</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Ovenbird	<i>Seiurus aurocapillus</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF
Blackburnian Warbler	<i>Dendroica fusca</i>			✓			MCF, MMF

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Black-and-White Warbler	<i>Mniotilta varia</i>		✓				MCF, MMF, WCF, WMF
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>			✓		Region 3 Conservation Priorities, Regional Forester Sensitive	MDF
Canada Warbler	<i>Wilsonia canadensis</i>			✓		Region 3 Conservation Priorities	MDF, WMF, MMF
Kirtland's Warbler	<i>Dendroica kirtlandii</i>				✓	Region 3 Conservation Priorities, Michigan Special Animal	DCF
Palm Warbler	<i>Dendroica palmarum</i>			✓			DCF
Yellow Warbler	<i>Dendroica petechia</i>		✓				OWE, SWE
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>		✓				SUP
Connecticut Warbler	<i>Oporornis agilis</i>		✓			Region 3 Conservation Priorities, Regional Forester Sensitive	SUP
Mourning Warbler	<i>Oporornis philadelphia</i>		✓				SUP
Wilson's Warbler	<i>Wilsonia pusilla</i>				✓		SWE
Tennessee Warbler	<i>Vermivora peregrina</i>			✓			WCF, WMF
Northern Parula	<i>Parula americana</i>			✓			WCF, WMF
Cape May Warbler	<i>Dendroica tigrina</i>			✓		Region 3 Conservation Priorities	WCF, WMF
Bay-breasted Warbler	<i>Dendroica castanea</i>			✓		Regional Forester Sensitive	WCF, WMF

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		Abundant	Common	Uncommon	Occasional-Rare-Vagrant Non-Breeders		
Cerulean Warbler	<i>Dendroica cerulea</i>				✓	Region 3 Conservation Priorities, Regional Forester Sensitive, Michigan Special Animal	WMF, WCF
Golden-winged Warbler	<i>Vermivora chrysoptera</i>				✓	Region 3 Conservation Priorities	SUP
Orange-crowned Warbler	<i>Vermivora celata</i>				✓		
Blackpoll Warbler	<i>Dendroica striata</i>			✓			
American Redstart	<i>Setophaga ruticilla</i>		✓				SUP, SWE
Common Yellowthroat	<i>Geothlypis trichas</i>		✓				SWE
Northern Waterthrush	<i>Seiurus noveboracensis</i>			✓			WCF, WMF, SWE
Scarlet Tanager	<i>Piranga olivacea</i>			✓			MDF, MMF
Northern Cardinal	<i>Cardinalis cardinalis</i>				✓		RES
Snow Bunting	<i>Plectrophenax nivalis</i>				✓		RES
Indigo Bunting	<i>Passerina cyanea</i>		✓				SUP, MMF
Dark-eyed Junco	<i>Junco hyemalis</i>		✓				DCF, WCF
Eastern Towhee	<i>Pipilo erythrophthalmus</i>		✓				SUP
Savannah Sparrow	<i>Passerculus sandwichensis</i>		✓				GRA, HAY, OLD, PAS
Field Sparrow	<i>Spizella pusilla</i>			✓		Region 3 Conservation Priorities	GRA, HAY, OLD, SUP
Le Conte's Sparrow	<i>Ammodramus leconteii</i>		✓			Region 3 Conservation Priorities, Regional Forester Sensitive	OWE
Fox Sparrow	<i>Passerella iliaca</i>				✓		RES
Harris' Sparrow	<i>Zonotrichia querula</i>				✓		RES

## Birds of Senev NWR and Nearby Lands (Continued)

Common Name	Scientific Name	Abundance by Species that are Possible, Probable, or Confirmed Breeders in Schoolcraft County				Special Designation	Preferred Habitat(s) <sup>1</sup>
		Abundant	Common	Uncommon	Occasional-Rare-Vagrant Non-Breeders		
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>				✓		RES
Chipping Sparrow	<i>Spizella passerina</i>	✓					SUP, DCF, OLD
American Tree Sparrow	<i>Spizella arborea</i>				✓		RES
Clay-colored Sparrow	<i>Spizella pallida</i>			✓			SUP, DCF, OLD
Vesper Sparrow	<i>Pooecetes gramineus</i>		✓				SUP, DCF, OLD
Song Sparrow	<i>Melospiza melodia</i>	✓					SUP, SWE, OLD
Swamp Sparrow	<i>Melospiza georgiana</i>		✓				SWE, OWE
Lincoln's Sparrow	<i>Melospiza lincolnii</i>			✓			WCF
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>			✓			DCF, GRA, HAY, OLD, PAS
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	✓					OWE
Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>				✓		OWE
Common Grackle	<i>Quiscalus quiscula</i>		✓				OWE
Brown-headed Cowbird	<i>Molothrus ater</i>		✓				RES
Bobolink	<i>Dolichonyx oryzivorus</i>		✓			Region 3 Conservation Priorities, Regional Forester Sensitive	GRA, HAY, OLD, PAS
Eastern Meadowlark	<i>Sturnella magna</i>			✓		Region 3 Conservation Priorities	GRA, HAY, OLD, PAS
Western Meadowlark	<i>Sturnella neglecta</i>				✓	Region 3 Conservation Priorities, Michigan Special Animal	GRA, HAY, OLD, PAS
Baltimore Oriole	<i>Icterus galbula</i>			✓			RES
White-winged Crossbill	<i>Loxia leucoptera</i>				✓		DCF, DMF, WCF, WMF



## Birds of Senev NWR and Nearby Lands (Continued)

Common Name	Scientific Name	Abundance by Species that are Possible, Probable, or Confirmed Breeders in Schoolcraft County				Special Designation	Preferred Habitat(s) <sup>1</sup>
		Abundant	Common	Uncommon	Occasional-Rare-Vagrant Non-Breeders		
Red Crossbill	<i>Loxia curvirostra</i>				✓		DCF, DMF, WCF, WMF
Purple Finch	<i>Carpodacus purpureus</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF, RES
American Goldfinch	<i>Carduelis tristis</i>		✓				SUP, RES
Pine Siskin	<i>Carduelis pinus</i>			✓			DCF, DMF, MCF, MMF, WCF, WMF, RES
Common Redpoll	<i>Carduelis flammea</i>				✓		
Evening Grosbeak	<i>Coccothraustes vespertinus</i>		✓				DCF, DMF, MCF, MMF, WCF, WMF, RES
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>			✓			MDF, MMF
Pine Grosbeak	<i>Pinicola enucleator</i>				✓		WCF, WMF, RES
<sup>1</sup> Habitat Definitions (Brewer et al. 1991): DDF = Dry Deciduous Forest or Savanna; WDF = Wet Deciduous Forest; MMF = Mesic Mixed Forest; DCF = Dry Coniferous Forest; WCF = Wet Coniferous Forest; SWE = Shrub Wetland; GRA = Grassland ; HAY = Hayfield; SHO = Shoreland; MDF = Mesic Deciduous Forest; DMF = Dry Mixed Forest or Savanna; WMF = Wet Mixed Forest; MCF = Mesic Coniferous Forest; SUP = Shrub Uplands; OLD = Old Field; PAS = Pasture; OWE = Open Wetland; OWA = Open Water							

## Birds of Whitefish Point

Common Name	Genus:	Species
Tundra Swan	<i>Cygnus</i>	<i>columbianus</i>
Common Merganser	<i>Mergus</i>	<i>merganser</i>
Red-breasted Merganser	<i>Mergus</i>	<i>serrator</i>
Hooded Merganser	<i>Lophodytes</i>	<i>cucullatus</i>
Mallard	<i>Anas</i>	<i>platyrhynchos</i>
American Black Duck	<i>Anas</i>	<i>rubripes</i>
Gadwall	<i>Anas</i>	<i>strepera</i>
American Wigeon	<i>Anas</i>	<i>americana</i>
Blue-winged Teal	<i>Anas</i>	<i>discors</i>
Northern Shoveler	<i>Anas</i>	<i>clypeata</i>
Northern Pintail	<i>Anas</i>	<i>acuta</i>
Wood Duck	<i>Aix</i>	<i>sponsa</i>
Redhead	<i>Aythya</i>	<i>americana</i>
Canvasback	<i>Aythya</i>	<i>valisineria</i>
Greater Scaup	<i>Aythya</i>	<i>marila</i>
Lesser Scaup	<i>Aythya</i>	<i>affinis</i>
Ring-necked Duck	<i>Aythya</i>	<i>collaris</i>
Common Goldeneye	<i>Bucephala</i>	<i>clangula</i>
Bufflehead	<i>Bucephala</i>	<i>albeola</i>
Long-tailed Duck	<i>Clangula</i>	<i>hyemalis</i>
King Eider	<i>Somateria</i>	<i>spectabilis</i>
Black Scoter	<i>Melanitta</i>	<i>nigra</i>
White-winged Scoter	<i>Melanitta</i>	<i>fusca</i>
Surf Scoter	<i>Melanitta</i>	<i>perspicillata</i>
Greater White-fronted Goose	<i>Anser</i>	<i>albifrons</i>
Canada Goose	<i>Branta</i>	<i>canadensis</i>
Mute Swan	<i>Cygnus</i>	<i>olor</i>
Chimney Swift	<i>Chaetura</i>	<i>pelagica</i>
Ruby-throated Hummingbird	<i>Archilochus</i>	<i>colubris</i>
Whip-poor-will	<i>Caprimulgus</i>	<i>vociferus</i>
Common Nighthawk	<i>Chordeiles</i>	<i>minor</i>

## Birds of Whitefish Point (Continued)

Common Name	Genus:	Species
Wilson's Snipe	<i>Gallinago</i>	<i>delicata</i>
Ancient Murrelet	<i>Synthliboramphus</i>	<i>antiquus</i>
Pomarine Jaeger	<i>Stercorarius</i>	<i>pomarinus</i>
Parasitic Jaeger	<i>Stercorarius</i>	<i>parasiticus</i>
Long-tailed Jaeger	<i>Stercorarius</i>	<i>longicaudus</i>
Black-legged Kittiwake	<i>Rissa</i>	<i>tridactyla</i>
Glaucous Gull	<i>Larus</i>	<i>hyperboreus</i>
Iceland Gull	<i>Larus</i>	<i>glaucoides</i>
Thayer's Gull	<i>Larus</i>	<i>thayeri</i>
Great Black-backed Gull	<i>Larus</i>	<i>marinus</i>
Lesser Black-backed Gull	<i>Larus</i>	<i>fuscus</i>
Herring Gull	<i>Larus</i>	<i>argentatus</i>
Ring-billed Gull	<i>Larus</i>	<i>delawarensis</i>
Laughing Gull	<i>Larus</i>	<i>atricilla</i>
Franklin's Gull	<i>Larus</i>	<i>pipixcan</i>
Bonaparte's Gull	<i>Larus</i>	<i>philadelphia</i>
Little Gull	<i>Larus</i>	<i>minutus</i>
Sabine's Gull	<i>Xema</i>	<i>sabini</i>
Caspian Tern	<i>Sterna</i>	<i>caspia</i>
Forster's Tern	<i>Sterna</i>	<i>forsteri</i>
Common Tern	<i>Sterna</i>	<i>hirundo</i>
Arctic Tern	<i>Sterna</i>	<i>paradisaea</i>
Black Tern	<i>Chlidonias</i>	<i>niger</i>
Red Phalarope	<i>Phalaropus</i>	<i>fulicarius</i>
Wilson's Phalarope	<i>Phalaropus</i>	<i>tricolor</i>
American Woodcock	<i>Scolopax</i>	<i>minor</i>
Short-billed Dowitcher	<i>Limnodromus</i>	<i>griseus</i>
Long-billed Dowitcher	<i>Limnodromus</i>	<i>scolopaceus</i>
Stilt Sandpiper	<i>Calidris</i>	<i>himantopus</i>
Red Knot	<i>Calidris</i>	<i>canutus</i>
Purple Sandpiper	<i>Calidris</i>	<i>maritima</i>

## Birds of Whitefish Point (Continued)

Common Name	Genus:	Species
Pectoral Sandpiper	<i>Calidris</i>	<i>melanotos</i>
White-rumped Sandpiper	<i>Calidris</i>	<i>fuscicollis</i>
Baird's Sandpiper	<i>Calidris</i>	<i>bairdii</i>
Least Sandpiper	<i>Calidris</i>	<i>minutilla</i>
Dunlin	<i>Calidris</i>	<i>alpina</i>
Semipalmated Sandpiper	<i>Calidris</i>	<i>pusilla</i>
Western Sandpiper	<i>Calidris</i>	<i>mauri</i>
Sanderling	<i>Calidris</i>	<i>alba</i>
Marbled Godwit	<i>Limosa</i>	<i>fedoa</i>
Hudsonian Godwit	<i>Limosa</i>	<i>haemastica</i>
Greater Yellowlegs	<i>Tringa</i>	<i>melanoleuca</i>
Lesser Yellowlegs	<i>Tringa</i>	<i>flavipes</i>
Solitary Sandpiper	<i>Tringa</i>	<i>solitaria</i>
Willet	<i>Catoptrophorus</i>	<i>semipalmatus</i>
Upland Sandpiper	<i>Bartramia</i>	<i>longicauda</i>
Buff-breasted Sandpiper	<i>Tryngites</i>	<i>subruficollis</i>
Spotted Sandpiper	<i>Actitis</i>	<i>macularius</i>
Whimbrel	<i>Numenius</i>	<i>phaeopus</i>
Black-bellied Plover	<i>Pluvialis</i>	<i>squatarola</i>
Killdeer	<i>Charadrius</i>	<i>vociferus</i>
Semipalmated Plover	<i>Charadrius</i>	<i>semipalmatus</i>
Piping Plover	<i>Charadrius</i>	<i>melodus</i>
Ruddy Turnstone	<i>Arenaria</i>	<i>interpres</i>
American Bittern	<i>Botaurus</i>	<i>lentiginosus</i>
Great Blue Heron	<i>Ardea</i>	<i>herodias</i>
Great Egret	<i>Ardea</i>	<i>alba</i>
Snowy Egret	<i>Egretta</i>	<i>thula</i>
Cattle Egret	<i>Bubulcus</i>	<i>ibis</i>
Green Heron	<i>Butorides</i>	<i>virescens</i>
Turkey Vulture	<i>Cathartes</i>	<i>aura</i>
Rock Dove (Feral Pigeon)	<i>Columba (Patagioenas)</i>	<i>livia</i>

## Birds of Whitefish Point (Continued)

Common Name	Genus:	Species
Mourning Dove	<i>Zenaida</i>	<i>macroura</i>
White-winged Dove	<i>Zenaida</i>	<i>asiatica</i>
Belted Kingfisher	<i>Ceryle</i>	<i>alcyon</i>
Yellow-billed Cuckoo	<i>Coccyzus</i>	<i>americanus</i>
Black-billed Cuckoo	<i>Coccyzus</i>	<i>erythrophthalmus</i>
Mississippi Kite	<i>Ictinia</i>	<i>mississippiensis</i>
Northern Harrier	<i>Circus</i>	<i>cyaneus</i>
Sharp-shinned Hawk	<i>Accipiter</i>	<i>striatus</i>
Cooper's Hawk	<i>Accipiter</i>	<i>cooperii</i>
Northern Goshawk	<i>Accipiter</i>	<i>gentilis</i>
Red-tailed Hawk	<i>Buteo</i>	<i>jamaicensis</i>
Red-shouldered Hawk	<i>Buteo</i>	<i>lineatus</i>
Swainson's Hawk	<i>Buteo</i>	<i>swainsoni</i>
Broad-winged Hawk	<i>Buteo</i>	<i>platypterus</i>
Rough-legged Hawk	<i>Buteo</i>	<i>lagopus</i>
Golden Eagle	<i>Aquila</i>	<i>chrysaetos</i>
Bald Eagle	<i>Haliaeetus</i>	<i>leucocephalus</i>
Gyr Falcon	<i>Falco</i>	<i>rusticolus</i>
Peregrine Falcon	<i>Falco</i>	<i>peregrinus</i>
Merlin	<i>Falco</i>	<i>columbarius</i>
Osprey	<i>Pandion</i>	<i>haliaetus</i>
Spruce Grouse	<i>Falcipennis</i>	<i>canadensis</i>
Sharp-tailed Grouse	<i>Tympanuchus</i>	<i>phasianellus</i>
Ruffed Grouse	<i>Bonasa</i>	<i>umbellus</i>
Common Loon	<i>Gavia</i>	<i>immer</i>
Pacific Loon	<i>Gavia</i>	<i>pacifica</i>
Red-throated Loon	<i>Gavia</i>	<i>stellata</i>
Sandhill Crane	<i>Grus</i>	<i>canadensis</i>
Virginia Rail	<i>Rallus</i>	<i>limicola</i>
Sora	<i>Porzana</i>	<i>carolina</i>
Pink-sided, Dark-eyed Junco	<i>Junco</i>	<i>hyemalis</i>

## Birds of Whitefish Point (Continued)

Common Name	Genus:	Species
Yellow-rumped Warbler	<i>Dendroica</i>	<i>coronata</i>
Scissor-tailed Flycatcher	<i>Tyrannus</i>	<i>forficatus</i>
Eastern Kingbird	<i>Tyrannus</i>	<i>tyrannus</i>
Western Kingbird	<i>Tyrannus</i>	<i>verticalis</i>
Great Crested Flycatcher	<i>Myiarchus</i>	<i>crinitus</i>
Eastern Phoebe	<i>Sayornis</i>	<i>phoebe</i>
Olive-sided Flycatcher	<i>Contopus</i>	<i>cooperi</i>
Yellow-bellied Flycatcher	<i>Empidonax</i>	<i>flaviventris</i>
Willow Flycatcher	<i>Empidonax</i>	<i>traillii</i>
Alder Flycatcher	<i>Empidonax</i>	<i>alnorum</i>
Least Flycatcher	<i>Empidonax</i>	<i>minimus</i>
Horned Lark	<i>Eremophila</i>	<i>alpestris</i>
Blue Jay	<i>Cyanocitta</i>	<i>cristata</i>
Common Raven	<i>Corvus</i>	<i>corax</i>
American Crow	<i>Corvus</i>	<i>brachyrhynchos</i>
European Starling	<i>Sturnus</i>	<i>vulgaris</i>
Bobolink	<i>Dolichonyx</i>	<i>oryzivorus</i>
Brown-headed Cowbird	<i>Molothrus</i>	<i>ater</i>
Yellow-headed Blackbird	<i>Xanthocephalus</i>	<i>xanthocephalus</i>
Red-winged Blackbird	<i>Agelaius</i>	<i>phoeniceus</i>
Eastern Meadowlark	<i>Sturnella</i>	<i>magna</i>
Western Meadowlark	<i>Sturnella</i>	<i>neglecta</i>
Orchard Oriole	<i>Icterus</i>	<i>spurius</i>
Baltimore Oriole	<i>Icterus</i>	<i>galbula</i>
Rusty Blackbird	<i>Euphagus</i>	<i>carolinus</i>
Brewer's Blackbird	<i>Euphagus</i>	<i>cyanocephalus</i>
Common Grackle	<i>Quiscalus</i>	<i>quiscula</i>
Evening Grosbeak	<i>Coccothraustes</i>	<i>vespertinus</i>
Pine Grosbeak	<i>Pinicola</i>	<i>enucleator</i>
Purple Finch	<i>Carpodacus</i>	<i>purpureus</i>
House Finch	<i>Carpodacus</i>	<i>mexicanus</i>

## Birds of Whitefish Point (Continued)

Common Name	Genus:	Species
Red Crossbill	<i>Loxia</i>	<i>curvirostra</i>
White-winged Crossbill	<i>Loxia</i>	<i>leucoptera</i>
Hoary Redpoll	<i>Carduelis</i>	<i>hornemanni</i>
Common Redpoll	<i>Carduelis</i>	<i>flammea</i>
American Goldfinch	<i>Carduelis</i>	<i>tristis</i>
Pine Siskin	<i>Carduelis</i>	<i>pinus</i>
Snow Bunting	<i>Plectrophenax</i>	<i>nivalis</i>
Lapland Longspur	<i>Calcarius</i>	<i>lapponicus</i>
Smith's Longspur	<i>Calcarius</i>	<i>pictus</i>
Vesper Sparrow	<i>Pooecetes</i>	<i>gramineus</i>
Grasshopper Sparrow	<i>Ammodramus</i>	<i>savannarum</i>
Nelson's Sharp-tailed Sparrow	<i>Ammodramus</i>	<i>nelsoni</i>
Lark Sparrow	<i>Chondestes</i>	<i>grammacus</i>
Harris's Sparrow	<i>Zonotrichia</i>	<i>querula</i>
White-crowned Sparrow	<i>Zonotrichia</i>	<i>leucophrys</i>
White-throated Sparrow	<i>Zonotrichia</i>	<i>albicollis</i>
American Tree Sparrow	<i>Spizella</i>	<i>arborea</i>
Chipping Sparrow	<i>Spizella</i>	<i>passerina</i>
Clay-colored Sparrow	<i>Spizella</i>	<i>pallida</i>
Field Sparrow	<i>Spizella</i>	<i>pusilla</i>
Song Sparrow	<i>Melospiza</i>	<i>melodia</i>
Lincoln's Sparrow	<i>Melospiza</i>	<i>lincolni</i>
Swamp Sparrow	<i>Melospiza</i>	<i>georgiana</i>
Fox Sparrow	<i>Passerella</i>	<i>iliaca</i>
Eastern Towhee	<i>Pipilo</i>	<i>erythrophthalmus</i>
Northern Cardinal	<i>Cardinalis</i>	<i>cardinalis</i>
Rose-breasted Grosbeak	<i>Pheucticus</i>	<i>ludovicianus</i>
Indigo Bunting	<i>Passerina</i>	<i>cyanea</i>
Dickeissel	<i>Spiza</i>	<i>americana</i>
Lark Bunting	<i>Calamospiza</i>	<i>melanocorys</i>
Western Tanager	<i>Piranga</i>	<i>ludoviciana</i>

## Birds of Whitefish Point (Continued)

Common Name	Genus:	Species
Scarlet Tanager	<i>Piranga</i>	<i>olivacea</i>
Purple Martin	<i>Progne</i>	<i>subis</i>
Cliff Swallow	<i>Petrochelidon</i>	<i>pyrrhonota</i>
Barn Swallow	<i>Hirundo</i>	<i>rustica</i>
Tree Swallow	<i>Tachycineta</i>	<i>bicolor</i>
Bank Swallow	<i>Riparia</i>	<i>riparia</i>
Bohemian Waxwing	<i>Bombycilla</i>	<i>garrulus</i>
Loggerhead Shrike	<i>Lanius</i>	<i>ludovicianus</i>
Red-eyed Vireo	<i>Vireo</i>	<i>olivaceus</i>
Philadelphia Vireo	<i>Vireo</i>	<i>philadelphicus</i>
Warbling Vireo	<i>Vireo</i>	<i>gilvus</i>
Yellow-throated Vireo	<i>Vireo</i>	<i>flavifrons</i>
Blue-headed Vireo	<i>Vireo</i>	<i>solitarius</i>
White-eyed Vireo	<i>Vireo</i>	<i>griseus</i>
Black-and-White Warbler	<i>Mniotilta</i>	<i>varia</i>
Blue-winged Warbler	<i>Vermivora</i>	<i>pinus</i>
Golden-winged Warbler	<i>Vermivora</i>	<i>chrysoptera</i>
Orange-crowned Warbler	<i>Vermivora</i>	<i>celata</i>
Tennessee Warbler	<i>Vermivora</i>	<i>peregrina</i>
Northern Parula	<i>Parula</i>	<i>americana</i>
Cape May Warbler	<i>Dendroica</i>	<i>tigrina</i>
Yellow Warbler	<i>Dendroica</i>	<i>petechia</i>
Black-throated Blue Warbler	<i>Dendroica</i>	<i>caerulescens</i>
Magnolia Warbler	<i>Dendroica</i>	<i>magnolia</i>
Cerulean Warbler	<i>Dendroica</i>	<i>cerulea</i>
Chestnut-sided Warbler	<i>Dendroica</i>	<i>pennsylvanica</i>
Bay-breasted Warbler	<i>Dendroica</i>	<i>castanea</i>
Blackburnian Warbler	<i>Dendroica</i>	<i>fusca</i>
Black-throated Green Warbler	<i>Dendroica</i>	<i>virens</i>
Pine Warbler	<i>Dendroica</i>	<i>pinus</i>
Prairie Warbler	<i>Dendroica</i>	<i>discolor</i>



## Birds of Whitefish Point (Continued)

Common Name	Genus:	Species
Ovenbird	<i>Seiurus</i>	<i>aurocapilla</i>
Northern Waterthrush	<i>Seiurus</i>	<i>noveboracensis</i>
Mourning Warbler	<i>Oporornis</i>	<i>philadelphia</i>
Common Yellowthroat	<i>Geothlypis</i>	<i>trichas</i>
Yellow-breasted Chat	<i>Icteria</i>	<i>virens</i>
Canada Warbler	<i>Wilsonia</i>	<i>canadensis</i>
American Redstart	<i>Setophaga</i>	<i>ruticilla</i>
House Sparrow	<i>Passer</i>	<i>domesticus</i>
American Pipit	<i>Anthus</i>	<i>rubescens</i>
Northern Mockingbird	<i>Mimus</i>	<i>polyglottos</i>
Gray Catbird	<i>Dumetella</i>	<i>carolinensis</i>
Brown Thrasher	<i>Toxostoma</i>	<i>rufum</i>
House Wren	<i>Troglodytes</i>	<i>aedon</i>
Winter Wren	<i>Troglodytes</i>	<i>troglodytes</i>
Sedge Wren	<i>Cistothorus</i>	<i>platensis</i>
Marsh Wren	<i>Cistothorus</i>	<i>palustris</i>
Brown Creeper	<i>Certhia</i>	<i>americana</i>
White-breasted Nuthatch	<i>Sitta</i>	<i>carolinensis</i>
Red-breasted Nuthatch	<i>Sitta</i>	<i>canadensis</i>
Black-capped Chickadee	<i>Poecile</i>	<i>atricapillus</i>
Boreal Chickadee	<i>Poecile</i>	<i>hudsonica</i>
Golden-crowned Kinglet	<i>Regulus</i>	<i>satrapa</i>
Ruby-crowned Kinglet	<i>Regulus</i>	<i>calendula</i>
Blue-gray Gnatcatcher	<i>Polioptila</i>	<i>caerulea</i>
Townsend's Solitaire	<i>Myadestes</i>	<i>townsendi</i>
Wood Thrush	<i>Hylocichla</i>	<i>mustelina</i>
Veery	<i>Catharus</i>	<i>fuscescens</i>
Gray-cheeked Thrush	<i>Catharus</i>	<i>minimus</i>
Swainson's Thrush	<i>Catharus</i>	<i>ustulatus</i>
Hermit Thrush	<i>Catharus</i>	<i>guttatus</i>
American Robin	<i>Turdus</i>	<i>migratorius</i>

## Birds of Whitefish Point (Continued)

Common Name	Genus:	Species
Eastern Bluebird	<i>Sialia</i>	<i>sialis</i>
Mountain Bluebird	<i>Sialia</i>	<i>currucoides</i>
Double-crested Cormorant	<i>Phalacrocorax</i>	<i>auritus</i>
American White Pelican	<i>Pelecanus</i>	<i>erythrorhynchos</i>
Northern Flicker	<i>Colaptes</i>	<i>auratus</i>
Hairy Woodpecker	<i>Picoides</i>	<i>villosus</i>
Downy Woodpecker	<i>Picoides</i>	<i>pubescens</i>
Black-backed Woodpecker	<i>Picoides</i>	<i>arcticus</i>
Yellow-bellied Sapsucker	<i>Sphyrapicus</i>	<i>varius</i>
Pileated Woodpecker	<i>Dryocopus</i>	<i>pileatus</i>
Red-headed Woodpecker	<i>Melanerpes</i>	<i>erythrocephalus</i>
Red-bellied Woodpecker	<i>Melanerpes</i>	<i>carolinus</i>
Western Grebe	<i>Aechmophorus</i>	<i>occidentalis</i>
Red-necked Grebe	<i>Podiceps</i>	<i>grisegena</i>
Horned Grebe	<i>Podiceps</i>	<i>auritus</i>
Eared Grebe	<i>Podiceps</i>	<i>nigricollis</i>
Pied-billed Grebe	<i>Podilymbus</i>	<i>podiceps</i>
Long-eared Owl	<i>Asio</i>	<i>otus</i>
Short-eared Owl	<i>Asio</i>	<i>flammeus</i>
Great Gray Owl	<i>Strix</i>	<i>nebulosa</i>
Boreal Owl	<i>Aegolius</i>	<i>funereus</i>
Northern Saw-whet Owl	<i>Aegolius</i>	<i>acadicus</i>
Great Horned Owl	<i>Bubo</i>	<i>virginianus</i>
Snowy Owl	<i>Bubo</i>	<i>scandiacus</i>
Northern Hawk Owl	<i>Surnia</i>	<i>ulula</i>

## Seney NWR 2004 Butterfly List

Common Name	Scientific Name	Habitat
Swallowtails		
Black Swallowtail	<i>Papilio polyxenes asterius</i>	Old Fields, vacant rural and urban lots, farmland.
Canadian Tiger Swallowtail	<i>Papilio canadensis</i>	Pine barrens, aspen forest openings and edges, roadsides and stream margins.
Whites & Sulphurs		
Mustard White	<i>Pieris napi</i>	Floodplain forests and other shrubby wetlands and roadsides
West Virginia White	<i>Pieris virginiensis</i>	Usually restricted to Northern Hardwood forests and edges.
Cabbage White	<i>Pieris rapae</i>	Gardens, roadsides, old fields and disturbed areas.
Olympia Marble	<i>Euchloe olympia</i>	Open woodlands, oak-pine barrens on sandy soils.
Clouded Sulphur	<i>Colias philodice Godart</i>	Open areas, clover and alfalfa fields, roadsides and disturbed areas.
Orange Sulphur	<i>Colias eurytheme</i>	Open areas, alfalfa and red clover fields, right-of-way and wet areas
Pink-edged Sulphur	<i>Colias interior</i>	Blueberry bogs and oak-pine barrens, recently burned pine barrens with abundance of blueberry, along trails and roadsides.
Little Sulphur	<i>Eurena lisa</i>	Fields, roadsides and gardens, also Great Lakes coastal areas
Harvester, Coppers, Hairstreaks, Blues		
Harvester	<i>Feniseca tarquinius</i>	Deciduous forests, flood plains and alder-bordered stream banks.
American Copper	<i>Lycaena phlaeas</i>	Old fields and disturbed areas, including weedy residential lots.
Bronze Copper	<i>Lycaena hyllus</i>	Wet Meadows, marshes and stream borders with sedges and wild iris
Bog Copper	<i>Lycaena epixanthe michiganensis</i>	Restricted to sphagnum-heath acid bogs
Dorcas Copper	<i>Lycaena dorcas</i>	Wet meadows, fens, seeps, inland lake margins and some Great Lakes coastal areas.
Pupleish Copper	<i>Lycaena helloides</i>	Roadsides, fields, disturbed areas, sedge marshes, and other wetlands.
Coral Hairstreak	<i>Satyrium titus</i>	Open areas, forest edges, roadsides and old fields beginning to revert to shrub-forest

## Seney NWR 2004 Butterfly List (Continued)

Common Name	Scientific Name	Habitat
Banded Hairstreak	<i>Satyrium calanus falacer</i>	Forest openings and edges, old fields and roadsides
Stiped Hairstreak	<i>Satyrium liparops strigosum</i>	Oak-pine Barrens
Brown Elfin	<i>Incisalia augustinus</i>	Sphagnum-heath bogs and pine-barrens in Northern counties
Hoary Elfin	<i>Incisalia polia</i>	Oak-pine barrens, along great lakes dunes.
Henry's Elfin	<i>Incisalia henrici</i>	Open oak-pine barrens, forest openings/edges and swamp borders
Eastern Pine Elfin	<i>Incisalia nippon clarki</i>	Open pine barrens, forest edges and roadsides.
Western Pine Elfin	<i>Incisalia eryphon</i>	Coniferous forest edges and openings, along roads and trails bordered by white pine.
Early Hairstreak	<i>Erora laetus</i>	Openings, edges and sun dappled trails in Northern hardwoods containing beech
Eastern Tailed Blue	<i>Everes comyntas</i>	Prairies, old fields, pastures and disturbed areas with a variety of legumes.
Northern Spring Azure	<i>Celastina lucia</i>	Forest openings and edges and along forest trails.
Northern Blue	<i>Lycaeides idas nabokovi</i>	Openings in pine barrens and on rock outcroppings.
Greenish Blue	<i>Plebejus saepiolus</i>	Old fields, forest openings, and roadsides
<b>Brushfoots</b>		
Variiegated Fritillary	<i>Euptoieta claudia</i>	Meadows, disturbed areas, pastures, streamsides and bogs.
Krautwurm's Fritillary	<i>Speyeria cybele cybele</i>	Forest openings and edges, forest roads and trails, and old fields.
Aphrodite Fritillary	<i>Speyeria aphrodite</i>	Oak-pine barrens, upland fields, prairies and roadsides.
Atlantis Fritillary	<i>Speyeria atlantis</i>	Canadian zone forest openings and edges, old fields and roadsides.
Bog Fritillary	<i>Boloria eunomia dawsoni</i>	Restricted to open sphagnum-heath bogs
Bog Silver-bordered Fritillary	<i>Boloria selene atrocotalis</i>	Bogs and adjacent trials and roadsides.
Meadow Fritillary	<i>Boloria bellona</i>	Moist meadows, pastures, old fields and clearing being invaded by violets
Frigga Gritillary	<i>Boloria frigga saga</i>	Sphagnum-heath bogs with dwarf birch
Silvery Checkerspot	<i>Chlosyne nycteis</i>	Floodplain forest openings, meadows, marshes and roadsides

## Seney NWR 2004 Butterfly List (Continued)

Common Name	Scientific Name	Habitat
Harris' Checkerspot	<i>Chlosyne harrisii</i>	Marsh edges, moist pastures, meadows, wet ditches and roadsides.
Northern Pearl Crescent	<i>Phyciodes selenis</i>	Forest openings and edges, old fields, streamsides and roadsides.
Tawny Crescent	<i>Phyciodes batesii</i>	Meadows, pastures, old fields, stream banks and roadsides.
Baltimore Checkerspot	<i>Euphydryas phaeton</i>	Brushy swamps, marshes, wet meadows and oak-pine barrens.
Question Mark	<i>Polygonia interrogationis</i>	Forest openings, edges and trails, roadsides and streamsides.
Common Merchant	<i>Polygonia comma</i>	Forest openings, edges and trails, swamps and streamsides.
Satyr Anglewing	<i>Polygonia satyrus</i>	Forest openings, edges, along streams, pine barrens and roadsides.
Green Comma	<i>Polygonia faunus</i>	Usually in coniferous forests and trails in Canadian Zones.
Hoary Comma	<i>Polygonia gracilis</i>	Boreal forest openings and edges, stream margins and trails.
Gray Comma	<i>Polygonia progne</i>	Forests, swamps, pine barrens and trails.
Compton Tortoise Shell	<i>Nymphalis vau-album j-album</i>	Forest openings, edges and trails.
Mourning Cloak	<i>Nymphalis antiopa</i>	Forest openings, edges, swamp, meadows, stream margins and roadsides.
Milbert's Tortoise Shell	<i>Nymphalis milberti</i>	Swamp and marsh edges, meadows, wet pastures, stream margins and roadside ditches.
American Painted Lady	<i>Vanessa virginienensis</i>	Old fields, prairies, meadows, disturbed areas and roadsides.
Painted Lady	<i>Vanessa Cardui</i>	Old fields, disturbed areas, pastures and meadows.
Red Admiral	<i>Vanessa atalanta</i>	Swamp openings and edges, marshes, meadows, disturbed areas, and rural and urban gardens and parks.
Buckeye	<i>Junonia coenia</i>	Old fields, pastures, meadows, disturbed areas, coastal dunes and roadsides.
White Admiral	<i>Limentis arthemis</i>	Northern forest openings, edges, trails and roadsides.
Viceroy	<i>Limentitis archippus</i>	Marshes, meadows, stream and lake margins and roadside ditches.
Satyrs, Wood Nymphs and Arctics		
Northern Pearly-eye	<i>Enodia anthedon</i>	Deciduous forests, swamps and edges and along streams.

## Seney NWR 2004 Butterfly List (Continued)

Common Name	Scientific Name	Habitat
Eyed Brown	<i>Satyodes eurydice</i>	Open sedge, meadows and edges.
Little Wood-Satyr	<i>Megisto cymela</i>	Deciduous forests, openings, edges, oak-pine barrens, fens, and brushy old fields.
Inornate Ringlet	<i>Coenonympha tullia inornata</i>	Open Northern forests, grassy old fields, meadows and roadsides
Wood Nymph	<i>Cercyonis pegala nephele</i>	Prairies, meadows, brushy fields, disturbed areas and roadsides
Chryxus Arctic	<i>Oeneis chryxus strigulosa</i>	Open jack pine barrens, dry grassy openings and open brushy ridges.
Jutta Arctic	<i>Oeneis jutta ascerta</i>	Black spruce-tamarask-sphagnum bog openings and edges
Milkweed Butterflies		
Monarch	<i>Danaus plexippus</i>	Old fields, meadows, prairies, disturbed areas and roadsides.
Skippers		
Northern Cloudy Wing	<i>Thorybes pylades</i>	Open forests and edges, brushy fields, oak-pine barrens and roadsides
Dreamy Dusky Wing	<i>Erynnis icelus</i>	Open forest, especially aspen in Northern areas, edges, cut-over forest brushy fields, bogs, disturbed areas and roadsides
Juvenal's Duskywing	<i>Erynnis juvenalis</i>	Scrub oak woods, edges, cut-over forests and roadsides.
Artic Skipper	<i>Carterocephalus palaemon mandan</i>	Forest openings and edges, stream margins, bogs and swamps.
Least Skipper	<i>Ancyloxypha numitor</i>	Streamsides, marsh borders, brushy swamps, ditches and along drains
European Skipper	<i>Thymelicus lineola</i>	Grassy fields, pastures, prairies, urban areas, parks and roadsides.
Laurentian Skipper	<i>Hesperia comma laurentina</i>	Open areas, fields, meadows, roadsides and lakeshore
Leonard's Skipper	<i>Hesperia leonardus</i>	Meadows, tall-grass prairies, oak-pine barrens and roadsides.
Indian Skipper	<i>Hesperia sassacus</i>	Old fields, prairies, cut-over areas, oak-pine barrens and roadsides.
Peck's Skipper	<i>Polites peckius</i>	Meadows, old fields, urban yards and parks, right-of-way and roadsides.
Tawny-edge Skipper	<i>Polities themistocles</i>	Meadows, old fields, pastures, swales, disturbed areas, barrens and roadsides.
Crossline Skipper	<i>Polites origenes</i>	Old fields, prairies and oak barrens.

## Seney NWR 2004 Butterfly List (Continued)

<b>Common Name</b>	<b>Scientific Name</b>	<b>Habitat</b>
Long Dash	<i>Polites mystic</i>	Marsh and forest edges, and wetlands along stream and roads.
Hobomok Skipper	<i>Poanes hobomok</i>	Forest openings and edges, meadows, disturbed areas and roadsides.
Two-spotted Skipper	<i>Euphyes bimacula</i>	Sedgy marshes, wet meadows and roadsides.
Dun Skipper	<i>Euphyes vestris</i>	Meadows, swamp and marsh edges, disturbed areas and roadsides.
Pepper and Salt Skipper	<i>Amblyscirtes hegon</i>	Small, sunny forest openings, swamp edges and other partially shaded moist areas.
Roadside Skipper	<i>Amblyscirtes vialis</i>	Forest openings and edges, oak-pine barrens, prairies and roadsides.

## Herptofauna List, Seney NWR

Common Name	Scientific Name	Abundance	Special Status			Habitat(s)
			Region 3 Conservation Species	Regional Forester Sensitive	Michigan Special Animal	
Nothern Water Snake	<i>Nerodia sipedon sipedon</i>	Common				Ephemeral wetlands, forests, agricultural areas
Northern Red-bellied Snake	<i>Storeria occipitomaculata occipitomaculata</i>	Unknown				Permanent wetlands, rivers and streams, forests, grasslands and savannas, agricultural areas, urban areas
Eastern Garter Snake	<i>Thamnophis sirtalis sirtalis</i>	Abundant				Ephemeral wetlands, permanent wetlands, rivers and streams, forests, grasslands and savannas, caves and springs, agricultural areas, urban areas
Northern Ringneck Snake	<i>Diadophis punctatus edwardsi</i>	Unknown				Rivers and streams, forests, grasslands and savannas
Western Fox Snake	<i>Elaphe vulpina</i>	Unknown				Permanent wetlands, rivers and streams, forests, grasslands and savannas, caves and springs
Eastern Smooth Green Snake	<i>Opheodrys vernalis</i>	Common				Forests, grasslands and savannas
Snapping Turtle	<i>Chelydra serpentina</i>	Abundant				Ephemeral wetlands, permanent wetlands, rivers and streams, grasslands and savannas, agricultural areas
Wood Turtle	<i>Clemmys insculpta</i>	Uncommon		✓	✓	Rivers and streams, forests, agricultural areas
Blanding's Turtle	<i>Emydoidea blandingii</i>	Unknown		✓	✓	Ephemeral wetlands, permanent wetlands, rivers and streams, grasslands and savannas, agricultural areas
Painted Turtle	<i>Chrysemys picta</i>	Abundant				Ephemeral wetlands, permanent wetlands, rivers and streams, grasslands and savannas, agricultural areas
Chorus Frog	<i>Pseudacris triseriata</i>	Uncommon			✓	Permanent wetlands, grasslands and savannas
Northern Spring Peeper	<i>Pseudacris crucifer crucifer</i>	Abundant				Permanent wetlands, forests, grasslands and savannas
Eastern Gray Treefrog	<i>Hyla versicolor</i>	Common				Ephemeral wetlands, permanent wetlands, forests
Cope's Gray Treefrog	<i>Hyla chrysoscelis</i>	Uncommon				Ephemeral wetlands, permanent wetlands, forests



## Herptofauna List, Seney NWR (Continued)

Common Name	Scientific Name	Abundance	Special Status			Habitat(s)
			Region 3 Conservation Species	Regional Forester Sensitive	Michigan Special Animal	
Green Frog	<i>Rana clamitans melanota</i>	Common				Ephemeral wetlands, permanent wetlands, forests, grasslands and savannas
Nothern Leopard Frog	<i>Rana pipiens</i>	Common				Ephemeral wetlands, permanent wetlands, forests, grasslands and savannas
Mink Frog	<i>Rana septentrionalis</i>	Common				Ephemeral wetlands, permanent wetlands, forests, agricultural areas
Wood Frog	<i>Rana sylvatica</i>	Common				Permanent wetlands, forests
Eastern American Toad	<i>Bufo americanus americanus</i>	Abundant				Ephemeral wetlands, permanent wetlands, rivers and streams, forests, grasslands and savannas, caves and springs, agricultural areas, urban areas
Mudpuppy	<i>Necturus maculosus maculosus</i>	Unknown/ Absent?				Ephemeral wetlands, agricultural areas
Blue Spotted Salamander	<i>Ambystoma laterale</i>	Unknown				Ephemeral wetlands, permanent wetlands, forests, grasslands and savannas
Spotted Salamander	<i>Ambystoma maculatum</i>	Unknown				Ephemeral wetlands, permanent wetlands, forests
Eastern Tiger Salamander	<i>Ambystoma tigrinum tigrinum</i>	Unknown/ Absent?				Ephemeral wetlands, permanent wetlands, forests, grasslands and savannas, agricultural areas
Eastern Newt	<i>Notophthalmus viridescens</i>	Unknown/ Absent?				Ephemeral wetlands, permanent wetlands, forests
Red-backed Salamander	<i>Plethodon cinereus</i>	Unknown				Forests
Four-toed Salamander	<i>Hemidactylium scutatum</i>	Unknown/ Absent?		✓		Ephemeral wetlands, permanent wetlands, forests

## List of Fish Species Found on Seney NWR

Common Name	Alternate Common Name	Scientific Name	Alternate Scientific Name	1994 Status <sup>a</sup>	1992 Status <sup>b</sup>	1994 Pool Survey <sup>c</sup>	Manistique River Assessment <sup>d</sup>	USFWS Green Bay Field Office Data <sup>e</sup>
Northern Pike		<i>Esox lucius</i>		A	A	✓	✓	✓
Walleye Oncorhynchus kisutch		<i>Stizostedion vitreum</i>	<i>Sander vitreus</i>	N	U		✓	
Brown Trout		<i>Salmo trutta</i>		U	N		✓	
Brook Trout		<i>Salvelinus fontinalis</i>		U	U	✓	✓	✓
Yellow Perch		<i>Perca flavescens</i>		R	A	✓	✓	✓
Pumpkinseed		<i>Lepomis gibbosus</i>		C	C	✓	✓	✓
Bluegill		<i>Lepomis macrochris</i>	<i>Lepomis macrochirus</i>	R	R	✓	✓	
Rock Bass		<i>Ambloplites rupestris</i>		N	U		✓	✓
Brown Bullhead		<i>Ictalurus nebulosa</i>	<i>Ameiurus nebulosa?</i>	A	A	✓	✓	✓
White Sucker		<i>Catostomus commersoni</i>		U	U		✓	✓
Northern Redhorse		<i>Moxostoma macrolepidotum</i>		R	U			
Creek Chub		<i>Semotilus atromaculatus</i>		U	U		✓	
Speckled Dace		<i>Rhinichthys osculus</i>		U	U			✓
Northern Redbelly Dace		<i>Chrosomus eos</i>	<i>Phoxinus eos</i>	C	C		✓	
Golden Shiner		<i>Notemigonus chrysoleucas</i>	<i>Notemigonus crysoleucas</i>	C	C	✓	✓	✓
Bigmouth Shiner		<i>Notropis dorsalis</i>		R	N			

## List of Fish Species Found on Seney NWR (Continued)

Common Name	Alternate Common Name	Scientific Name	Alternate Scientific Name	1994 Status <sup>a</sup>	1992 Status <sup>b</sup>	1994 Pool Survey <sup>c</sup>	Manistique River Assessment <sup>d</sup>	USFWS Green Bay Field Office Data <sup>e</sup>
Mimic Shiner		<i>Notropis volucellus</i>		R	N			
Blacknose Shiner		<i>Notropis heterolepis</i>		C	C	✓		
Fathead Minnow		<i>Pimephales promelas</i>		A	A		✓	
Bluntnose Minnow		<i>Hyborynchus notatus</i>	Pimephales notatus	C	C		✓	
Mud Minnow		<i>Umbra limi</i>		C	U		✓	
Blackside Darter		<i>Percina maculata</i>		C	N		✓	
Johnny Darter		<i>Etheostoma nigrum</i>		R	N	✓	✓	✓
Iowa Darter		<i>Etheostoma exile</i>		C	N			
Fantail Darter	Striped Fantail Darter	<i>Etheostoma flabellare</i>		R	N		✓	
Nothern Muddler	Mottled Sculpin	<i>Cottus bairdi</i>		R	N		✓	
Brook Stickleback		<i>Cluaea inconstans</i>		C	C	✓	✓	
Northern Brook Lamprey		<i>Ichthyomyzon fossor</i>					✓	
Silver Lamprey		<i>Ichthyomyzon unicupsis</i>					✓	
American Brook Lamprey		<i>Lampetra appendix</i>					✓	
Sea Lamprey <sup>1</sup>		<i>Petromyzon marinus</i>					✓	

### List of Fish Species Found on Seney NWR (Continued)

Common Name	Alternate Common Name	Scientific Name	Alternate Scientific Name	1994 Status <sup>a</sup>	1992 Status <sup>b</sup>	1994 Pool Survey <sup>c</sup>	Manistique River Assessment <sup>d</sup>	USFWS Green Bay Field Office Data <sup>e</sup>
Lake Sturgeon <sup>1,3</sup>		<i>Acipenser fulvescens</i>					✓	
Common Shiner		<i>Luxilus cornutus</i>					✓	
Sand Shiner		<i>Notropis stramineus</i>					✓	
Finescale Dace		<i>Phoxinus neogaeus</i>					✓	
Longnose Dace		<i>Rhiniethys cataractae</i>					✓	
Burbot		<i>Lota lota</i>					✓	
Smallmouth Bass		<i>Micropterus dolomieu</i>					✓	
Northern Logperch		<i>Percina caprodes</i>				✓	✓	
Black Crappie		<i>Pomoxis nigromaculatus</i>				✓		✓
Pugnose Shiner <sup>3</sup>		<i>Notropis anogenus</i>				✓		
Central Mudminnow		<i>Umbra limi</i>						✓
Coho Salmon		<i>Oncorhynchus kisutch</i>						✓

## Mammal Species Found on Seney NWR

Common Name	Scientific Name	Ordinal Abundance	Habitat(s) <sup>1</sup>	Habitat(s)	Special Status		
					Region 3 Conservation Priorities	Regional Forester Sensitive	Michigan Special Status
Opossum	<i>Didelphis virginiana</i>	Absent?	Deciduous woods near stream or lake, semi open country brushy fenelines, drainage ditches, and swamp borders	MDF, WDF, SUP			
Northern Short-tailed Shrew	<i>Blarina brevicauda</i>	Abundant	Moist environments with extensive herbaceous cover or a thick layer of litter	WDF, MDF, WMF, WCF, SWE			
Masked Shrew	<i>Sorex cinereus</i>	Abundant	Moist woodlots containing abundant plant cover, thick leaf litter, and decaying logs. Can include overgrown fields, alder thicket, cedar swamps, weedy fencerows, grassy marshes, and sphagnum bogs	MDF, WDF, PAS, GRA, HAY, SWE			
Water Shrew	<i>Sorex palustris</i>	Uncommon	Sluggish stream, bog or seasonal pond, but optimal habitat is small forest lined stream, with fast flowing water, and plenty of cover provided by undercut banks, jumbled rocks, downed trees, and other debris.	MDF, MMF, MCF, SHO		✓	
Arctic Shrew	<i>Sorex arcticus</i>	Common	Fairly dry fields and forest openings, prefers moist areas adjacent to a lake, bog, swamp, or ditch	DDF, DMF, DCF, SHO			
Pygmy Shrew	<i>Sorex hoyi</i>	Unknown	Deciduous woods, coniferous forests, regenerating clear-cuts, grassy fields, swamps, bogs, and floodplains. Most live in boreal habitats with extensive ground cover.	DDF, MDF, DMF, DCF, GRA, SUP, SWE			

### Mammal Species Found on Seney NWR (Continued)

Common Name	Scientific Name	Ordinal Abundance	Habitat(s) <sup>1</sup>	Habitat(s)	Special Status		
					Region 3 Conservation Priorities	Regional Forester Sensitive	Michigan Special Status
Star-nosed Mole	<i>Condylura cristata</i>	Common	Wet saturated soils and frequents the borders of swamps, lakes, streams, or isolated areas of poor drainage.	WDF, WMF, WCF, SWE, OWE			
Little Brown Bat	<i>Myotis lucifugus</i>	Common	Buildings	RES			
Northern Bat	<i>Myotis septentrionalis</i>	Unknown	Silver maples, hollow green ash, underneath loose bark of dead trees	DDF		✓	
Hoary Bat	<i>Lasiurus cinereus</i>	Unknown	Any tree with dense shade, seclusion, and clear space below the roost	DDF, MDF, DMF, MMF, DCF, MCF			
Red Bat	<i>Lasiurus borealis</i>	Unknown	Leafy trees (elms, maples) or in conifers	DDF, MDF, DMF, DCF, MCF			
Big Brown Bat	<i>Eptesicus fuscus</i>	Unknown	Buildings	RES			
Silver-haired Bat	<i>Lasionycteris noctivagans</i>	Unknown	Fond of willows, maple or ash	DDF, MDF			
Snowshoe Hare	<i>Lepus americanus</i>	Abundant	Heavily forested areas with dense understory. Thrives in coniferous and mixed woods including cedar bogs and spruce swamps.	DMF, MMF, MCF, DCF			
Woodchuck	<i>Marmota monax</i>	Common	Rolling farmland interspersed with grassy pastures, small woodlots, and brushy fencelines	OLD, GRA, PAS, HAY			
Eastern Cottontail	<i>Sylvilagus floridanus</i>	Absent?	Herbaceous vegetation abounds and potential shelter exists from brush piles, shrubby thickets, or weedy fencerows.	SUP, OLD, GRA, PAS, HAY			

## Mammal Species Found on Seney NWR (Continued)

Common Name	Scientific Name	Ordinal Abundance	Habitat(s) <sup>1</sup>	Habitat(s)	Special Status		
					Region 3 Conservation Priorities	Regional Forester Sensitive	Michigan Special Status
Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	Common	Abundant deciduous trees, in extensive forested tracts, dense woodlots, riparian strips. Can be stands of walnut, hickory, maple or beech are preferable it may frequent mixed deciduous/coniferous stands.	DDF, MDF, DMF, MMF			
Fox Squirrel	<i>Sciurus niger</i>	Absent?	Deciduous trees in areas that lack a well-developed understory. Frequents woodlots, forest-field edges	DDF, MDF, OLD			
Red Squirrel	<i>Tamiasciurus hudsonicus</i>	Abundant	Extensive stands of evergreen trees or mixed Coniferous/deciduous woodland	DCF, MCF, DMF, MMF			
Thirteen-lined Ground Squirrel	<i>Spermophilus tridecemlineatus</i>	Rare	Open areas with short grass	GRA			
Eastern Chipmunk	<i>Tamias striatus</i>	Abundant	Open deciduous forests where stumps, logs, rocky outcrops Ultimate habitat beech maple forest	DDF, MDF			
Least Chipmunk	<i>Tamias minimus</i>	Common	Boreal forest edge and internal forest clearings.	DDF, MDF, DMF, MMF			
Northern Flying Squirrel	<i>Glaucomys sabrinus</i>	Common	Mixed forests with mature deciduous and coniferous trees. Also frequents pure stands of either type.	DMF, MMF			
Southern Flying Squirrel	<i>Glaucomys volans</i>	Rare	Open deciduous woodlots with few shrubby thickets scattered among mature trees.	DDF, MDF			
Beaver	<i>Castor canadensis</i>	Common	Slow-moving streams or lakes bordered by young forests containing aspen, willow, or alder.	SHO			

### Mammal Species Found on Seney NWR (Continued)

Common Name	Scientific Name	Ordinal Abundance	Habitat(s) <sup>1</sup>	Habitat(s)	Special Status		
					Region 3 Conservation Priorities	Regional Forester Sensitive	Michigan Special Status
House Mouse	<i>Mus musculus</i>	Rare	Buildings, cultivated fields, fencerows, wooded areas (around buildings)	RES, HAY			
Norway Rat	<i>Rattus norvegicus</i>	Rare	Buildings, cultivated fields.	RES, HAY			
Woodland Deer Mouse	<i>Peromyscus maniculatus gracilis</i>	Abundant	Forested habitats, shrubby areas, regenerating clear-cuts, and recent burns.	SUP, DCF, MCF, DDF, MDF, DMF, MMF			
Red-backed Vole	<i>Clethrionomys gapperi</i>	Common	Coniferous forests are preferred, deciduous or mixed coniferous/deciduous woods acceptable with standing water nearby.	MDF, MMF, MCF, SWE, SHO			
White-footed Mouse	<i>Peromyscus leucopus</i>	Uncommon	Deciduous woodlands, where herbaceous cover is moderate and rocks and logs are abundant.	DDF, MDF			
Meadow Vole	<i>Microtus pennsylvanicus</i>	Common	Moist, grassy fields and also frequents marshes and bog thick with greases, sedges and rushes.	SWE, OLD, OWE			
Muskrat	<i>Ondatra zibethicus</i>	Common	Slow-moving streams, lakes, ponds, and especially marshes.	OWA, OWE			
Southern Bog Lemming	<i>Synaptomys cooperi</i>	Uncommon	Old fields, clear-cuts, shrubby locations, and upland woods. Frequents wet forested sites dominated by spruce, cedar, or tamarack, as well as more open sphagnum bogs.	MDF, WDF, MMF, WMF, MC, WCF, ORA, SUP, SWE			
Woodland Jumping Mouse	<i>Napaeozapus insignis</i>	Uncommon	Cool moist forests, with spruce-fir and hemlock hardwood associations but also in pure deciduous stands. Must be littered with rocks, logs, and stumps coated with a lush growth of ferns, grasses, and other.	MDF, MMF, MCF			



## Mammal Species Found on Seney NWR (Continued)

Common Name	Scientific Name	Ordinal Abundance	Habitat(s) <sup>1</sup>	Habitat(s)	Special Status		
					Region 3 Conservation Priorities	Regional Forester Sensitive	Michigan Special Status
Meadow Jumping Mouse	<i>Zapus hudsonius</i>	Common	Variety of habitats. Fallow fields, woodland edges, shrubby thickets. Abundant in moist sites containing lush growth of grasses and forbs (damp meadows, streamside vegetation, and marsh borders)	SWE, GRA, PAS, SHO			
Porcupine	<i>Erethizon dorsatum</i>	Common	Deciduous and coniferous woodlands of stands containing pine and hemlock.	DDF, MDF, DMF, MMF, DCF, MCF			
Gray Wolf	<i>Canis lupus</i>	Uncommon	Diverse habitats.	DDF, MDF, DMF, MMF, DCF, MCF, SUP, OLD, GRA, PAS, HAY, SHO	✓		✓
Coyote	<i>Canis latrans</i>	Common	Prairies, brushy area, wooded edges	DDF, MDF, DMF, MMF, DCF, MCF, PAS, GRA, HAY			
Gray Fox	<i>Urocyon cinereoargenteus</i>	Rare	In wooded swamps and in bottomland forests where woodlands and farmlands are mixed	DDF, MDF, DMF, MMF, DCF, WCF			
Red Fox	<i>Vulpes vulpes</i>	Common	Open country with reliable cover nearby, frequents forest-field edges, brushy fencelines and wooded borders of streams or lakes.	DDF, OLD, PAS, HAY			
Black Bear	<i>Ursus americanus</i>	Common	Dense coniferous or deciduous woods having a thick understory.	DDF, MDF, DMF, MMF, DCF, MCF		✓	

## Mammal Species Found on Seney NWR (Continued)

Common Name	Scientific Name	Ordinal Abundance	Habitat(s) <sup>1</sup>	Habitat(s)	Special Status		
					Region 3 Conservation Priorities	Regional Forester Sensitive	Michigan Special Status
Raccoon	<i>Procyon lotor</i>	Common	In or near wooded areas, often near a stream or pond. More abundant in hardwood stands than coniferous	DDF, MDF, DMF, MMF			
Mink	<i>Mustela vison</i>	Common	Streams, ponds, lakes with at least some brushy or rocky cover.	OWA, SWA			
Short-tailed Weasel	<i>Mustela erminea</i>	Common	Open forests, riparian woodlands, and shrubby fencerows.				
Long-tailed Weasel	<i>Mustela frenata</i>	Uncommon	Forest-field edges, brushy fencelines, and wooded areas with shrubby cover	DDF, MDF, OLD, PAS, SHO			
Striped Skunk	<i>Mephitis mephitis</i>	Common	Mix of forests, fields, and wooded ravines.	HAY, PAS, DDF, MDF, DMF, MMF, DCF, DMF			
River Otter <sup>2</sup>	<i>Lutra canadensis</i>	Common	Clean, moderately deep streams, ponds, lakes.	OWA		✓	
Badger <sup>2</sup>	<i>Taxidea taxus</i>	Unknown	Grasslands, open fields, and pastures.	GRA, PAS, HAY		✓	
Marten <sup>2</sup>	<i>Martes americana</i>	Uncommon	Closed coniferous woodlands underlain by a lush growth of shrubs and forbs and appears less in mixed stands.	DCF, MCF		✓	
Fisher	<i>Martes pennanti</i>	Common	Interior of dense coniferous forests. Capable of living in mature deciduous woods.	DCF, MCF, DDF, MDF			
Canada Lynx	<i>Lynx canadensis</i>	Unknown	Mature coniferous forests that are strewn with thick litter, ferns, and rotting logs.	DCF, MCF, WCF			✓

## Mammal Species Found on Seney NWR (Continued)

Common Name	Scientific Name	Ordinal Abundance	Habitat(s) <sup>1</sup>	Habitat(s)	Special Status		
					Region 3 Conservation Priorities	Regional Forester Sensitive	Michigan Special Status
Bobcat	<i>Lynx rufus</i>	Common	Lies in coniferous and mixed deciduous/coniferous woods. Readily occupies wooded swamps close to riparian forest	DMF, MMF, DCF, MCF		✓	
White-tailed Deer	<i>Odocoileus virginianus</i>	Abundant	Open forest environments interspersed with meadows, woodland clearings or farmland.				
Moose	<i>Alces alces</i>	Rare	Boreal forest, particularly early successional stages, dominated by shrubby growth and immature trees. Frequents moist habitats as cedar swamps marshes and alder-willow thickets bordering waterways.				✓

1. Habitat information obtained from: Kurta (2001). *Habitat Definitions* (Brewer et al. 1991): DDF= Dry Deciduous Forest or Savanna; MDF= Mesic Deciduous Forest; WDF= Wet Deciduous Forest; DMF= Dry Mixed Forest or Savanna; MMF= Mesic Mixed Forest; WMF= Wet Mixed Forest; DCF= Dry Coniferous Forest; MCF= Mesic Coniferous Forest; WCF= Wet Coniferous Forest; SUP= Shrub Uplands; SWE= Shrub Wetland; OLD= Old Field; GRA= Grassland; PAS= Pasture; HAY= Hayfield; OWE= Open Wetland; SHO= Shoreland; OWA= Open Water

## Seney NWR Herbarium<sup>1</sup>

Taxonomy	Common Name
<b>MONOCOTYLEDONEAE (see Michigan Flora, Part 1)</b>	
<b>14. TYPHACEAE</b>	<b>CAT-TAIL FAMILY</b>
1. <i>Typha angustifolia</i>	Narrow-leaved Cat-tail
2. <i>Typha latifolia</i>	Common Cat-tail
<i>T. Typha</i> $\times$ <i>glauca</i>	Hybrid of above
<b>15. SPARGANIACEAE</b>	<b>BUR-REED FAMILY</b>
1. <i>Sparganium eurycarpum</i>	
2. <i>Sparganium minimum</i>	
3. <i>Sparganium fluctuans</i>	
4. <i>Sparganium americanum</i>	
6. <i>Sparganium chlorocarpum</i>	
7. <i>Sparganium angustifolium</i>	
<b>16. POTAMOGETONACEAE</b>	<b>PONDWEED FAMILY</b>
1. <i>Potamogeton robbinsii</i>	
2. <i>Potamogeton pectinatus</i>	Sago Pondweed
3. <i>Potamogeton filiformis</i>	
6. <i>Potamogeton praelongus</i>	
7. <i>Potamogeton richardsonii</i>	
9. <i>Potamogeton epihydus</i>	
10. <i>Potamogeton alpinus</i>	
11. <i>Potamogeton amplifolius</i>	
14. <i>Potamogeton illinoensis</i>	
15. <i>Potamogeton gramineus</i>	
16. <i>Potamogeton natans</i>	
18. <i>Potamogeton zosteriformis</i>	
24. <i>Potamogeton friesii</i>	
25. <i>Potamogeton strictifolius</i>	
<i>P. Potamogeton</i> $\times$ <i>longiligulatus</i>	
26. <i>Potamogeton confervoides</i>	
27. <i>Potamogeton obtusifolius</i>	
28. <i>Potamogeton foliosus</i>	

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<i>30. Potamogeton berchtoldii</i>	
<b>17. NAJADACEAE</b>	<b>NAIAD FAMILY</b>
<i>4. Najas flexilis</i>	
<b>19. ALISMATACEAE</b>	<b>WATER-PLANTAIN FAMILY</b>
<i>3. Sagittaria graminea</i>	
<i>4. Sagittaria latifolia</i>	Wapato; Duck-potato
<b>21. HYDROCHARITACEAE</b>	<b>FROG'S-BIT FAMILY</b>
<i>1. Vallisneria americana</i>	Tape-grass; wild-celery
<b>22. GRAMINAE (POACEAE)</b>	<b>GRASS FAMILY</b>
<b>1. POEAE (Tribe)</b>	
<b>1. Phragmites</b>	<b>Reed</b>
<i>1. Phragmites australis</i>	
<i>2. Dactylis</i>	
<i>1. Dactylis glomerata</i>	Orchard Grass
<b>9. Poa</b>	<b>Bluegrass</b>
<i>10. Poa compressa</i>	Canada Bluegrass
<i>11. Poa pratensis</i>	Kentucky Bluegrass
<i>12. Poa palustris</i>	Fowl Meadow Grass
<b>13. Bromus</b>	<b>Brome Grass</b>
<i>3. Bromus inermis</i>	Smooth Brome
<i>8. Bromus ciliatus</i>	Fringed Brome
<b>15. Glyceria</b>	<b>Manna Grass</b>
<i>2. Glyceria borealis</i>	
<i>4. Glyceria canadensis</i>	Rattlesnake Grass
<i>6. Glyceria striata</i>	Foul Manna Grass
<b>2. TRITICEAE (Tribe)</b>	
<b>5. Hystix</b>	
<i>1. Hystix patula</i>	Bottlebrush Grass
<b>7. Lolium</b>	
<i>2. Lolium perenne</i>	Ryegrass

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>8. Agropyron</b>	
2. <i>Agropyron trachycaulum</i>	Wheatgrass
5. <i>Agropyron repens</i>	Quack Grass
<b>4. AGROSTIDEAE (Tribe)</b>	
<b>4. Oryzopsis</b>	<b>Rice-grass</b>
4. <i>Oryzopsis asperifolia</i>	Rice-grass
5. <i>Muhlenbergia</i>	“Muhly”
10. <i>Muhlenbergia Mexicana</i>	
<b>7. Phleum</b>	
2. <i>Phleum pratense</i>	Timothy
<b>14. Calamagrostis</b>	<b>Reedgrass</b>
2. <i>Calamagrostis canadensis</i>	Blue-joint
<b>17. Agrostis</b>	<b>Bentgrass</b>
2. <i>Agrostis gigantea</i>	Redtop
6. <i>Agrostis hyemalis</i>	Ticklegrass
<b>5. CHLORIDEAE (Tribe)</b>	
<b>7. Spartina</b>	
2. <i>Spartina pectinata</i>	Cordgrass
<b>6. PHALARIDEAE (Tribe)</b>	
<b>3. Phalaris</b>	
2. <i>Phalaris arundinacea</i>	Reed Canary Grass
<b>8. ZIZANIEAE (Tribe)</b>	
<b>1. Zizania</b>	
1. <i>Zizania aquatica</i>	Wild-rice
<b>9. PANICEAE (Tribe)</b>	
<b>3. Echinochloa</b>	
3. <i>Echinochloa muricata</i>	
<b>7. Panicum</b>	<b>Panic Grass</b>
1. <i>Panicum virgatum</i>	Switch Grass
27. <i>Panicum columbianum</i>	

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>10. ANDROPOGONEAE (Tribe)</b>	
<b>1. Andropogoneae</b>	
2. <i>Andropogoneae scoparius</i>	Little Bluestem
3. <i>Andropogoneae gerardii</i>	Big Bluestem; Turkeyfoot
<b>23. CYPERACEAE</b>	<b>SEDGE FAMILY</b>
<b>1. Carex (Genus)</b>	<b>Sedge</b>
<b>13. Ouales (Group)</b>	
60. <i>Carex bebbii</i>	
65. <i>Carex crawfordii</i>	
<b>16. Montanae (Group)</b>	
77. <i>Carex pennsylvanica</i>	
<b>33. Carex (Group)</b>	
121. <i>Carex flava</i>	
129. <i>Carex lasiocarpa</i>	
<b>38. Acutae (Group)</b>	
144. <i>Carex crinita</i>	
<b>42. Pseudo-Cypereae (Group)</b>	
149. <i>Carex pseudo-cyperus</i>	
<b>43. Paludosae (Group)</b>	
157. <i>Carex lacustris</i>	
<b>45. Vesicariae (Group)</b>	
161. <i>Carex oligosperma</i>	
162. <i>Carex tuckermanii</i>	
165. <i>Carex rostrata</i>	
<b>46. Lupulinae (Group)</b>	
167. <i>Carex intumescens</i>	
<b>3. Dulichium (Genus)</b>	
1. <i>Dulichium arundinaceum</i>	Three-way Sedge
<b>4. Cyperus</b>	<b>Nut-grass; Umbrella Sedge</b>
12. <i>Cyperus odoratus</i>	
13. <i>Cyperus esculentus</i>	

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>5. Eleocharis</b>	<b>Spike-rush</b>
<i>8. Eleocharis acicularis</i>	
<i>16. Eleocharis erythropopa</i>	
<i>17. Eleocharis smallii</i>	
<b>6. Rhynchospora</b>	
<i>3. Rhynchospora fusca</i>	
<b>7. Cladium</b>	
<i>1. Cladium mariscoides</i>	Twig-rush
<b>11. Scirpus</b>	<b>Bulrush</b>
<i>5. Scirpus validus</i>	Softstem Bulrush
<i>6. Scirpus acutus</i>	Hardstem Bulrush
<i>11. Scirpus americanus</i>	Threesquare
<i>19. Scirpus cyperinus</i>	Wool-grass
<b>14. Eriophorum</b>	<b>Cotton-grass; Bog-cotton</b>
<i>4. Eriophorum virginicum</i>	Tawny Cotton-grass
<i>5. Eriophorum angustifolium</i>	
<b>24. ARACEAE</b>	<b>ARUM FAMILY</b>
<b>1. Arisaema</b>	
<i>1. Arisaema triphyllum</i>	Jack-in-the-pulpit; Indian-turnip
<i>3. Peltandra</i>	
<i>1. Peltandra virginica</i>	Arrow-arum; Tuckahoe
<b>25. LEMNACEAE</b>	<b>DUCKWEED FAMILY</b>
<b>3. Lemna</b>	
<i>3. Lemna minor</i>	
<b>27. ERIOCAULACEAE</b>	<b>PIPEWORT FAMILY</b>
<i>1. Eriocaulon septangulare</i>	Pipewort
<b>30. PONTEDERIACEAE</b>	<b>PICKEREL-WEED FAMILY</b>
<b>2. Heteranthera</b>	
<i>1. Heteranthera dubia</i>	Water Star-grass



## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>31. JUNCACEAE</b>	<b>RUSH FAMILY</b>
<b>2. Juncus</b>	
1. <i>Juncus effuses</i>	
14. <i>Juncus pelocarpus</i>	
15. <i>Juncus Canadensis</i>	
17. <i>Juncus brevicaudatus</i>	
22. <i>Juncus nodosus</i>	
<b>32. LILIACEAE</b>	<b>LILY FAMILY</b>
<b>3. Polygonatum</b>	<b>Solomon-seal</b>
2. <i>Polygonatum pubescens</i>	
<b>4. Streptopus</b>	<b>Twisted-stalk</b>
1. <i>Streptopus amplexifolius</i>	
<b>5. Trillium</b>	<b>Trillium; Wake-robin</b>
6. <i>Trillium grandiflorum</i>	Common Trillium
9. <i>Trillium cernuum</i>	Nodding Trillium
<b>6. Medeola</b>	
1. <i>Medeola virginiana</i>	Indian Cucumber-root
<b>7. Erythronium</b>	<b>Trout-lily; Dogtooth-violet; Adder's-tongue</b>
1. <i>Erythronium americanum</i>	
<b>8. Lilium</b>	
1. <i>Lilium philadelphicum</i>	Wood Lily
<b>12. Allium</b>	
4. <i>Allium schoenoprasum</i>	Chives
<b>15. Maianthemum</b>	
1. <i>Maianthemum canadense</i>	Wild or False Lily-of-the-valley; Canada Mayflower
16. <i>Smilacina</i>	False Solomon-seal
1. <i>Smilacina racemosa</i>	False Spikenard
2. <i>Smilacina trifolia</i>	
3. <i>Smilacina stellata</i>	

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>36. IRIDACEAE</b>	<b>IRIS FAMILY</b>
<b>1. Sisyrinchium</b>	<b>Blue-eyed-grass</b>
<i>8. Sisyrinchium montanum</i>	
<b>2. Iris</b>	<b>Iris; Flag</b>
<i>6. Iris versicolor</i>	Wild Blue Flag
<b>39. ORCHIDACEAE</b>	<b>ORCHID FAMILY</b>
<b>1. Cypripedium</b>	<b>Lady-slipper</b>
<i>1. Cypripedium acaule</i>	Moccasin Flower; Pink or Stemless Lady-slipper
<b>4. Arethusa</b>	
<i>1. Arethusa bulbosa</i>	Arethusa; Dragon's Mouth.
<b>5. Pogonia</b>	
<i>1. Pogonia ophioglossoides</i>	Rose Pogonia
<b>8. Habenaria</b>	<b>"Rein Orchid"</b>
<i>3. Habenaria psychodes</i>	Purple Fringed Orchid
<i>5. Habenaria lacera</i>	Ragged Fringed Orchid
<i>11. Habenaria clavellata</i>	Club-spur Orchid
<b>9. Corallorhiza</b>	<b>Coral-root</b>
<i>1. Corallorhiza maculata</i>	Spotted Coral-root
<i>2. Corallorhiza trifida</i>	Early Coral-root
<i>3. Corallorhiza striata</i>	Striped Coral-root
<b>10. Listera</b>	<b>Twayblade</b>
<i>2. Listera convallarioides</i>	Broad-leaved Twayblade
<i>18. Spiranthes</i>	Ladies'-tresses
<i>1. Spiranthes lacera</i>	Slender Ladies'-tresses
<i>5. Spiranthes cernua</i>	Nodding Ladies'-tresses
<b>DICOTYLEDONEAE (see <u>Michigan Flora, Part 2</u>)</b>	
<b>41. SALICAEAE</b>	<b>WILLOW FAMILY</b>
<b>1. Salix</b>	<b>Willow</b>
<i>1. Salix exigua</i>	Sandbar Willow
<i>3. Salix ericophala</i>	
<i>7. Salix pellita</i>	Satiny Willow

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
9. <i>Salix candida</i>	Sage Willow
13. <i>Salix humilis</i>	Prairie Willow
24. <i>Salix petiolaris</i>	Slender Willow
<b>2. Populus</b>	<b>Poplar</b>
6. <i>Populus tremuloides</i>	Quaking Aspen
7. <i>Populus grandidentata</i> <i>Aspen</i>	<i>Large-tooth</i>
<b>42. MYRICACEAE</b>	<b>BAYBERRY FAMILY</b>
<b>1. Comptonia</b>	
1. <i>Comptonia peregrina</i>	Sweetfern
<b>2. Myrica</b>	<b>Bayberry; Wax-myrtle</b>
1. <i>Myrica gale</i>	Sweet Gale
<b>45. BETULACEAE (formerly Corylaceae)</b>	<b>BIRCH FAMILY</b>
<b>1. Alnus</b>	<b>Alder</b>
2. <i>Alnus rugosa</i>	Speckled Alder; Tag Alder
<b>2. Betula</b>	<b>Birch</b>
2. <i>Betula pumila</i>	Bog or Dwarf Birch
4. <i>Betula papyrifera</i>	Paper, White, or Canoe Birch
<b>3. Corylus</b>	<b>Hazel</b>
2. <i>Corylus cornuta</i>	Beaked Hazelnut
<b>46. FAGACEAE</b>	<b>BEECH FAMILY</b>
<b>1. Quercus</b>	<b>Oak</b>
3. <i>Quercus rubra</i>	Red Oak
7. <i>Quercus macrocarpa</i>	Bur Oak
<b>2. Fagus</b>	<b>Beech</b>
1. <i>Fagus grandifolia</i>	American Beech
<b>47. ULMACEAE</b>	<b>ELM FAMILY</b>
<b>1. Ulmus</b>	<b>Elm</b>
3. <i>Ulmus americana</i>	American or White Elm

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>49. CANNABACEAE</b>	<b>HEMP FAMILY</b>
<b>2. Humulus</b>	
<i>2. Humulus lupulus</i>	Common Hops
<b>54. POLYGONACEAE</b>	<b>SMARTWEED FAMILY</b>
<b>2. Rumex</b>	<b>Dock</b>
<i>1. Rumex acetosella</i>	Sheep or Red Sorrel
<b>5. Polygonum</b>	<b>Smartweed; Knotweed</b>
<i>12. Polygonum cilinode</i>	Fringed False Buckwheat
<i>16. Polygonum amphibium</i>	Water Smartweed
<i>16. (a) Pa. var. natans (see var. stipulaceum)</i>	
<i>16. (b) Pa. var. coccineum (see var. emersum)</i>	
<i>18. Polygonum lapathifolium</i>	Willow-weed
<i>20. Polygonum orientale</i>	Prince's Feather; Kiss-me-over-the-garden-gate
<i>23. Polygonum hydropiperoides</i>	Mild Water-pepper
<b>55. CHENOPODIACEAE</b>	<b>GOOSEFOOT FAMILY</b>
<b>9. Chenopodium</b>	<b>Goosefoot</b>
<i>9. Chenopodium capitatum</i>	Strawberry Blite
<b>60. PORTULACACEA</b>	<b>PURSLANE FAMILY</b>
<b>2. Claytonia</b>	<b>Spring-beauty</b>
<i>2. Claytonia caroliniana</i>	
<b>61. CARYOPHYLLACEAE</b>	<b>PINK FAMILY</b>
<b>6. Stellaria</b>	<b>Chickweed; Stitchwort</b>
<i>5. Stellaria longifolia</i>	
<b>7. Cerastium</b>	<b>Chickweed</b>
<i>6. Cerastium vulgatum (see C. fontanum)</i>	Mouse-ear Chickweed
<b>13. Dianthus</b>	<b>Pink</b>
<i>4. Dianthus deltooides</i>	Maiden Pink
<b>17. Silene</b>	
<i>4. Silene cucubalus (see S. vulgaris)</i>	Bladder Campion
<i>11. Silene pratensis (see Lychnus alba below)</i>	

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>18. Lychnis</b>	
* <i>Lychnis alba</i> ( <i>see Silene pratensis</i> )	White Cockle; White Campion
<b>62. CERATOPHYLLACEAE</b>	<b>HORNWORT FAMILY</b>
<b>1. Ceratophyllum</b>	<b>Coontail</b>
1. <i>Ceratophyllum demersum</i>	
<b>63. NYMPHAEACEAE</b>	<b>WATER-LILY FAMILY</b>
<b>2. Brasenia</b>	
1. <i>Brasenia schreberi</i>	Water-shield
<b>4. Nymphaea</b>	<b>Water-lily</b>
2. <i>Nymphaea odorata</i>	
<b>5. Nuphar</b>	<b>Pond-lily; Cow-lily; Spatterdock</b>
2. <i>Nuphar variegata</i>	
<b>64. RANUNCULACEAE</b>	<b>BUTTERCUP FAMILY</b>
<b>1. Clematis</b>	<b>Virgin's Bower; Clematis; Woodbine</b>
2. <i>Clematis virginiana</i>	
<b>2. Aquilegia</b>	<b>Columbine</b>
1. <i>Aquilegia canadensis</i>	Wild Columbine
<b>5. Thalictrum</b>	<b>Meadow-rue</b>
4. <i>Thalictrum dasycarpum</i>	Purple Meadow-rue
<b>7. Actaea</b>	<b>Baneberry</b>
1. <i>Actaea rubra</i>	Red Baneberry
2. <i>Actaea pachyppoda</i>	White Baneberry
<b>8. Coptis</b>	
1. <i>Coptis groenlandica</i> ( <i>see C. trifolia</i> )	Goldthread
<b>9. Hepatica</b>	<b>Hepatica</b>
2. <i>Hepatica americana</i>	
<b>11. Ranunculus</b>	<b>Buttercup; Crowfoot</b>
11. <i>Ranunculus abortibus</i>	Small-flowered Buttercup
15. <i>Ranunculus acris</i>	Tall or Common Buttercup

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>71. PAPAVERACEAE</b>	<b>POPPY FAMILY</b>
<b>*FUMARIACEAE (often included as a subfamily in the Papaveraceae)</b>	<b>FUMITORY FAMILY</b>
<b>1. Dicentra</b>	
2. <i>Dicentra cucullaria</i>	Dutchman's-breeches
3. <i>Dicentra canadensis</i>	Squirrel-corn
<b>73. CRUCIFERAE (BRASSICACEAE)</b>	<b>MUSTARD FAMILY</b>
<b>3. Barbarea</b>	<b>Winter Cress</b>
1. <i>Barbarea vulgaris</i>	Yellow Rocket
<b>8. Rorippa</b>	<b>Yellow Cress</b>
3. <i>Rorippa islandica</i> ( <i>see R. palustris</i> )	
<b>14. Erysimum</b>	
2. <i>Erysimum cheiranthoides</i>	Wormseed Mustard
<b>20. Capsella</b>	
1. <i>Capsella bursa-pastoris</i>	Shepherd's-purse
<b>21. Arabis</b>	
6. <i>Arabis glabra</i>	Tower Mustard
<b>25. Berteroa</b>	
1. <i>Berteroa incana</i>	Hoary Alyssum
<b>75. SARRACENIACEAE</b>	<b>PITCHER-PLANT FAMILY</b>
<b>1. Sarracenia</b>	
1. <i>Sarracenia purpurea</i>	Pitcher-plant
<b>76. DROSERACEAE</b>	<b>SUNDEW FAMILY</b>
<b>1. Drosera</b>	<b>Sundew</b>
1. <i>Drosera rotundifolia</i>	Round-leaved Sundew
<b>78. CRASSULACEAE</b>	<b>ORPINE FAMILY</b>
<b>1. Sedum</b>	<b>Stonecrop; Sedum; Orpine</b>
4. <i>Sedum purpureum</i> ( <i>see S. telephium</i> )	Live-forever

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>79. SAXIFRAGACEAE</b>	<b>SAXIFRAGE FAMILY</b>
<b>*GROSSULARIACEAE (Often included in the Saxifragaceae)</b>	<b>GOOSEBERRY FAMILY</b>
<b>1. Ribes</b>	<b>Currant; Gooseberry</b>
<i>1. Ribes cynosbati</i>	Wild or Prickly Gooseberry
<i>9. Ribes glandulosum</i>	Skunk Currant
<b>82. ROSACEAE</b>	<b>ROSE FAMILY</b>
<b>1. Rubus</b>	<b>Bramble; Raspberries; Dewberries; Blackberries</b>
<i>6. Rubus strigosus(-idaeus)</i>	Wild Red Raspberry
<i>8. Rubus hispidus</i>	Swamp Dewberry
<i>9. Rubus flagellaris</i>	Northern Dewberry
<i>11. Rubus allegheniensis</i>	Common Blackberry
<b>2. Rosa</b>	
<i>1. Rosa multiflora</i>	Multiflora or Japanese Rose
<i>9. Rosa palustris</i>	Swamp Rose
<i>13. Rosa acicularis</i>	Wild Rose
<i>14. Rosa blanda</i>	Wild Rose
<b>4. Sorbus</b>	<b>Mountain-ash</b>
<i>3. Sorbus americana</i>	
<b>5. Prunus</b>	<b>Cherry; Plum</b>
<i>2. Prunus virginiana</i>	Choke Cherry
<i>5. Prunus pumila</i>	Sand Cherry
<i>7. Prunus pensylvanica</i>	Pin or Fire Cherry
<b>6. Physocarpus</b>	
<i>1. Physocarpus opulifolius</i>	Ninebark
<b>7. Spiraea</b>	<b>Spiraea</b>
<i>3. Spiraea tomentosa</i>	Hardhack; Steeplebush
<i>4. Spiraea alba</i>	Meadowsweet
<b>8. Aronia</b>	
<i>1. Aronia prunifolia</i>	Chokeberry

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>9. Amelanchier</b>	<b>Serviceberry; Shadbush; Shadblow; Juneberry; Sugarplum</b>
<i>4. Amelanchier interior</i>	
<b>10. Crataegus</b>	<b>Hawthorn, Thornapple</b>
<i>4. Crataegus douglasii</i>	Black Hawthorn
<b>11. Malus</b>	<b>Apple</b>
<i>1. Malus pumila</i>	Apple
<b>17. Fragaria</b>	<b>Strawberry</b>
<i>1. Fragaria vesca</i>	Woodland Strawberry
<b>18. Potentilla</b>	<b>Cinquefoil; Five-finger</b>
<i>1. Potentilla fruticosa</i>	Shrubby Cinquefoil
<i>2. Potentilla palustris</i>	Marsh Cinquefoil
<i>3. Potentilla anserina</i>	Silverweed
<i>8. Potentilla tridentata</i>	Three-toothed Cinquefoil
<i>9. Potentilla norvegica</i>	Rough Cinquefoil
<i>10. Potentilla simplex</i>	Common or Old-field Cinquefoil
<i>12. Potentilla argentea</i>	Silver Cinquefoil
<b>21. Geum</b>	
<i>7. Geum macrophyllum</i>	Avens
<b>83. LEGUMINOSAE (FABACEAE)</b>	<b>PEA FAMILY</b>
<b>3. Melilotus</b>	<b>Sweet-clover</b>
<i>1. Melilotus alba</i>	White Sweet-clover
<i>2. Melilotus officinalis</i>	Yellow Sweet-clover
<b>4. Trifolium</b>	<b>Clover</b>
<i>3. Trifolium pratense</i>	Red Clover
<i>6. Trifolium repens</i>	White Clover
<i>8. Trifolium agrarium (see T. aureum)</i>	Hop Clover
<b>5. Medicago</b>	
<i>2. Medicago lupulina</i>	Black Medick
<b>26. Vicia</b>	<b>Vetch</b>
<i>8. Vicia villosa</i>	Hairy Vetch



## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>29. Lotus</b>	
1. <i>Lotus corniculata</i>	Birdfoot Trefoil
<b>85. OXALIDACEAE</b>	<b>OXALIS or WOOD-SORREL FAMILY</b>
<b>1. Oxalis</b>	
3. <i>Oxalis Fontana</i>	
<b>86. GERANIACEAE</b>	<b>GERANIUM FAMILY</b>
<b>2. Geranium</b>	<b>Wild Geranium; Crane's-bill</b>
3. <i>Geranium robertianum</i>	Herb Robert
<b>91. POLYGALACEAE</b>	<b>MILKWORT FAMILY</b>
<b>1. Polygala</b>	<b>Milkwort; Polygala</b>
1. <i>Polygala paucifolia</i>	Fringed Polygala; Gay-wings; Flowering-wintergreen
<b>92. EUPHORBIACEAE</b>	<b>SPURGE FAMILY</b>
<b>4. Euphorbia</b>	
18. <i>Euphorbia esula</i>	Leafy Spurge
<b>97. ANACARDIACEAE</b>	<b>CASHEW FAMILY</b>
<b>1. Toxicodendron</b>	
2. <i>Toxicodendron radicans</i>	Poison-ivy
<b>99. AQUIFOLIACEAE</b>	<b>HOLLY FAMILY</b>
<b>2. Ilex</b>	<b>Holly</b>
1. <i>Ilex verticillata</i>	Michigan Holly; Winterberry; Black Alder
<b>100. CELASTRACEAE</b>	<b>BITTERSWEET FAMILY</b>
<b>2. Euonymus</b>	
2. <i>Euonymus alata</i>	Winged Euonymus
<b>102. ACERACEAE</b>	<b>MAPLE FAMILY</b>
<b>1. Acer</b>	<b>Maple</b>
3. <i>Acer saccharum</i>	Sugar Maple or Hard Maple
5. <i>Acer rubrum</i>	Red Maple
<b>105. BALSAMINACEAE</b>	<b>TOUCH-ME-NOT FAMILY</b>
<b>1. Impatiens</b>	
4. <i>Impatiens capensis</i>	Spotted Touch-me-not

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>106. RHAMNACEAE</b>	<b>BUCKTHORN FAMILY</b>
<b>2. Rhamnus</b>	<b>Buckthorn</b>
<i>1. Rhamnus frangula</i>	Glossy Buckthorn
<b>107. VITACEAE</b>	<b>GRAPE FAMILY</b>
<b>3. Parthenocissus</b>	<b>Virginia Creeper; Woodbine</b>
<i>2. Parthenocissus inserta</i>	
<b>108. TILIACEAE</b>	<b>LINDEN FAMILY</b>
<b>1. Tilia</b>	
<i>1. Tilia americana</i>	Basswood; Linden
<b>109. MALVACEAE</b>	<b>MALLOW FAMILY</b>
<b>3. Malva</b>	<b>Mallow</b>
<i>2. Malva moschata</i>	Musk Mallow
<b>111. GUTTIFERAE (CLUSIACEAE)</b>	<b>ST. JOHN'S-WORT FAMILY</b>
<b>1. Triadenum</b>	
<i>1. Triadenum fraseri</i>	
<b>2. Hypericum</b>	<b>St. John's-wort</b>
<i>2. Hypericum kalmianum</i>	Kalm St. John's-wort
<i>6. Hypericum perforatum</i>	Common St. John's-wort; Klamath Weed; Goatweed
<i>7. Hypericum ellipticum</i>	
<i>12. Hypericum majus</i>	
<b>114. CISTACEAE</b>	<b>ROCKROSE FAMILY</b>
<b>2. Helianthemum</b>	<b>Rockrose; Frostweed</b>
<i>2. Helianthemum canadense</i>	
<b>115. VIOLACEAE</b>	<b>VIOLET FAMILY</b>
<b>2. Viola</b>	<b>Violet</b>
<i>3. Viola canadensis</i>	Canada Violet
<i>7. Viola conspersa</i>	Dog Violet
<i>11. Viola pallens (see V. macloskeyi)</i>	Smooth White Violet
<i>22. Viola nephrophylla</i>	

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>119. THYMELAEACEAE</b>	<b>MEZEREUM FAMILY</b>
<b>1. Dirca</b>	
<i>1. Dirca palustris</i>	Leatherwood
<b>120. ELAEAGNACEAE</b>	<b>OLEASTER FAMILY</b>
<b>1. Elaegnus</b>	
<i>1. Elaegnus angustifolia</i>	Russian Olive
<i>2. Elaegnus umbellata</i>	Autumn Olive
<b>121. LYTHRACEAE</b>	<b>LOOSESTRIFE FAMILY</b>
<b>4. Lythrum</b>	<b>Loosestrife</b>
<i>1. Lythrum salicaria</i>	Purple Loosestrife
<b>125. ONAGRACEAE</b>	<b>EVENING-PRIMROSE FAMILY</b>
<b>1. Circaea</b>	<b>Enchanter's-nightshade</b>
<i>1. Circaea alpine</i>	
<b>2. Ludwigia</b>	<b>False Loosestrife</b>
<i>1. Ludwigia palustris</i>	Water-purslane
<b>3. Epilobium</b>	<b>Willow-herb</b>
<i>1. Epilobium angustifolium</i>	Fireweed; Great Willow-herb
<i>7. Epilobium ciliatum</i>	
<b>6. Oenothera</b>	<b>Evening-primrose; Sundrops</b>
<i>3. Oenothera linearis (now O. fruticosa) (see Gray's Manual, p. 1066)</i>	Evening-primrose; Sundrops
<i>9. Oenothera parvifolia</i>	
<i>12. Oenothera biennis</i>	
<b>126. HALORAGACEAE</b>	<b>WATER-MILFOIL FAMILY</b>
<b>2. Myriophyllum</b>	<b>Water-milfoil</b>
<i>5. Myriophyllum verticillatum</i>	
<i>6. Myriophyllum exalbescens</i>	
<b>129. UMBELLIFERAE (APIACEAE)</b>	<b>CARROT OR PARSLEY FAMILY</b>
<b>6. Daucus</b>	
<i>1. Daucus carota</i>	Wild Carrot; Queen-Anne's-lace

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>9. Osmorhiza</b>	<b>Sweet-cicely</b>
3. <i>Osmorhiza longistylis</i>	
4. <i>Osmorhiza claytonii</i>	Sweet-cicely
<b>33. Cicuta</b>	
1. <i>Cicuta bulbifera</i>	
<b>130. CORNACEAE</b>	<b>DOGWOOD FAMILY</b>
<b>1. Cornus</b>	<b>Dogwood</b>
1. <i>Cornus canadensis</i>	Bunchberry; Dwarf Cornel
2. <i>Cornus alternifolia</i>	Alternate-leaved Dogwood; Pagoda Dogwood
5. <i>Cornus rugosa</i>	Round-leaved Dogwood
6. <i>Cornus stolonifera</i>	Red-osier
<b>DICOTYLEDONEAE (see Michigan Flora, Part 3)</b>	
<b>132. PYROLACEAE</b>	<b>SHINLEAF OR WINTERGREEN FAMILY</b>
<b>1. Pyrola</b>	<b>Shinleaf; Pyrola</b>
2. <i>Pyrola elliptica</i>	
<b>MONOTROPACEAE (often included in the Pyrolaceae or as a subspecies in the Ericaceae)</b>	<b>INDIAN-PIPE FAMILY</b>
<b>2. Monotropa</b>	
2. <i>Monotropa uniflora</i>	Indian-pipe
<b>133. ERICACEAE</b>	<b>HEATH FAMILY</b>
<b>3. Andromeda</b>	
1. <i>Andromeda glaucophylla</i>	Bog-rosemary
<b>4. Ledum</b>	
1. <i>Ledum groenlandicum</i>	Labrador-tea
<b>5. Chamaedaphne</b>	
1. <i>Chamaedaphne calyculata</i>	Leatherleaf
<b>6. Gaylussacia</b>	
1. <i>Gaylussacia baccata</i>	Huckleberry; Crackleberry
<b>7. Vaccinium</b>	<b>Blueberries and Cranberries</b>
2. <i>Vaccinium oxycoccos</i>	Small cranberry
3. <i>Vaccinium macrocarpon</i>	Large cranberry

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
9. <i>Vaccinium myrtilloides</i>	Velvetleaf or Canada Blueberry
11. <i>Vaccinium angustifolium</i>	Low Sweet Blueberry
<b>8. Epigaea</b>	
1. <i>Epigaea repens</i>	Trailing-arbutus
<b>9. Gaultheria</b>	
2. <i>Gaultheria procumbens</i>	Teaberry; Wintergreen
<b>10. Arctostaphylos</b>	
1. <i>Arctostaphylos uva-ursi</i>	Bearberry; Kinnikinnick
<b>135. PRIMULACEAE</b>	<b>PRIMROSE FAMILY</b>
<b>5. Lysimachia</b>	<b>Loosestrife</b>
5. <i>Lysimachia terrestris</i>	Swamp-candles
6. <i>Lysimachia thyrsoiflora</i>	Tufted Loosestrife
<b>6. Trientalis</b>	
1. <i>Trientalis borealis</i>	Star-flower
<b>141. OLEACEAE</b>	<b>OLIVE FAMILY</b>
<b>1. Fraxinus</b>	<b>Ash</b>
2. <i>Fraxinus nigra</i>	Black Ash
3. <i>Fraxinus americana</i>	White Ash
<b>143. GENTIANACEAE</b>	<b>GENTIAN FAMILY</b>
<b>6. Gentianaceae</b>	
1. <i>Gentianaceae crinita</i>	
<b>8. Gentiana</b>	
6. <i>Gentiana rubricaulis</i>	Red Stemed Gentian
<b>144. APOCYNACEAE</b>	<b>DOGBANE FAMILY</b>
<b>2. Apocynum</b>	<b>Dogbane</b>
1. <i>Apocynum androsaemifolium</i>	Spreading Dogbane
2. <i>Apocynum cannabinum</i>	Indian-hemp
<b>145. ASCLEPIADACEAE</b>	<b>MILKWEED FAMILY</b>
<b>2. Asclepias</b>	<b>Milkweed</b>
7. <i>Asclepias incarnata</i>	Swamp Milkweed
11. <i>Asclepias syriaca</i>	Common Milkweed

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>146. CONVULVULACEAE</b>	<b>MORNING-GLORY FAMILY</b>
<b>2. Convolvulus</b>	
<i>1. Convolvulus arvensis</i>	Field Bindweed
<b>150. VERBENACEAE</b>	<b>VERVAIN FAMILY</b>
<b>3. Verbena</b>	<b>Vervain</b>
<i>7. Verbena hastata</i>	Blue Vervain
<b>151. LABIATAE (LAMIACEAE)</b>	<b>MINT FAMILY</b>
<b>3. Lycopus</b>	<b>Bugleweed; Water-horehound</b>
<i>1. Lycopus uniflorus</i>	
<i>6. Lycopus americanus</i>	Water Horehound
<b>6. Mentha</b>	<b>Mint</b>
<i>1. Mentha arvensis</i>	Wild Mint
<b>9. Scutellaria</b>	<b>Skullcap</b>
<i>5. Scutellaria epilobiifolia</i> ( <i>see S. galericulata</i> )	Marsh Skullcap
<b>10. Monarda</b>	
<i>3. Monarda fistulosa</i>	Wild Bergamot
<b>17. Prunella</b>	
<i>1. Prunella vulgaris</i>	Self-heal; Heal-all
<b>18. Clinopodium</b>	
<i>1. Clinopodium vulgare</i>	Wild-basil
<b>20. Stachys</b>	<b>Hedge-nettle</b>
<i>3. Stachys palustris</i>	
<b>22. Nepeta</b>	
<i>1. Nepeta cataria</i>	Catnip; Catmint
<b>26. Galeopsis</b>	
<i>1. Galeopsis tetrahit</i>	Hemp-nettle
<b>152. SOLANACEAE</b>	<b>NIGHTSHADE FAMILY</b>
<b>5. Solanum</b>	
<i>2. Solanum carolinense</i>	Horse-nettle
<i>3. Solanum dulcamara</i>	Nightshade; Bittersweet

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>153. SCROPHULARIACEAE</b>	<b>SNAPDRAGON FAMILY</b>
<b>1. Verbascum</b>	<b>Mullien</b>
<i>5. Verbascum thapsus</i>	Mullien; Flannel Plant
<b>5. Linaria</b>	<b>Toadflax</b>
<i>4. Linaria vulgaris</i>	Butter-and-eggs
<b>7. Castilleja</b>	<b>Indian Paintbrush</b>
<i>2. Castilleja coccinea</i>	
<b>17. Chelone</b>	<b>Turtlehead</b>
<i>2. Chelone glabra</i>	
<b>19. Veronica</b>	<b>Speedwell; Brooklime</b>
<i>5. Veronica scutellata</i>	Marsh Speedwell
<b>27. Gerardia (see Agalinis)</b>	<b>Gerardia</b>
<i>2. Agalinis tenuifolia</i>	
<b>28. Mimulus</b>	<b>Monkey-flower</b>
<i>2. Mimulus ringens</i>	
<b>157. LENTIBULARIACEAE</b>	<b>BLADDERWORT FAMILY</b>
<b>2. Utricularia</b>	<b>Bladderwort</b>
<i>6. Utricularia intermedia</i>	Flat-leaved Bladderwort
<i>8. Utricularia gibba</i>	
<i>9. Utricularia geminiscapa</i>	
<i>10. Utricularia vulgaris</i>	Common Bladderwort
<b>160. PLANTAGINACEAE</b>	<b>PLANTAIN FAMILY</b>
<b>2. Plantago</b>	<b>Plantain</b>
<i>5. Plantago lanceolata</i>	Ribgrass; Buckhorn; Narrow-leaved or English Plantain
<i>9. Plantago major</i>	Common Plantain
<b>161. RUBIACEAE</b>	<b>MADDER FAMILY</b>
<b>3. Galium</b>	<b>Bedstraw</b>
<i>3. Galium triflorum</i>	
<i>6. Galium boreale</i>	Northern Bedstraw
<i>18. Galium trifidum</i>	

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
20. <i>Galium tinctorium</i>	
<b>4. Mitchella</b>	
1. <i>Mitchella repens</i>	Partridge-berry
<b>162. CAPRIFOLIACEAE</b>	<b>HONEYSUCKLE FAMILY</b>
<b>2. Symphoricarpos</b>	<b>Snowberry</b>
3. <i>Symphoricarpos albus</i>	Snowberry
<b>3. Lonicera</b>	<b>Honeysuckle</b>
5. <i>Lonicera dioica</i>	Glaucous Honeysuckle
12. <i>Lonicera tatarica</i>	Tartarian Honeysuckle
<b>4. Sambucus</b>	<b>Elderberry</b>
1. <i>Sambucus canadensis</i>	Common Elder
2. <i>Sambucus racemosa</i>	Red-berried Elder; Red Elderberry
<b>5. Viburnum</b>	<b>Viburnum; Arrow-wood</b>
1. <i>Viburnum trilobum-opulus</i> ( <i>see V. opulus</i> )	Highbush-cranberry; Guelder-rose
6. <i>Viburnum dentatum</i>	Arrow-wood
8. <i>Viburnum cassinoides</i>	Wild-raisin
10. <i>Viburnum lentago</i>	Nannyberry
<b>6. Linnaea</b>	
1. <i>Linnaea borealis</i>	Twinflower
<b>7. Diervilla</b>	
1. <i>Diervilla lonicera</i>	Bush-honeysuckle
<b>166. CUCURBITACEAE</b>	<b>GOURD FAMILY</b>
<b>4. Echinocystis</b>	
1. <i>Echinocystis lobata</i>	Wild Cucumber
<b>167. CAMPANULACEAE</b>	<b>BELLFLOWER FAMILY</b>
<b>2. Campanula</b>	<b>Bellflower</b>
3. <i>Campanula aparinoides</i> <i>C. uliginosa</i> ( <i>same as above</i> )	Marsh Bellflower



## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>168. COMPOSITAE (ASTERACEAE)</b>	<b>ASTER OR DAISY FAMILY</b>
Group A	
<b>8. Tragopogon</b>	<b>Goat's-beard</b>
<i>2. Tragopogon dubius (T. major included in above)</i>	
<b>11. Hieracium</b>	<b>Hawkweed</b>
<i>3. Hieracium aurantiacum</i>	Orange Hawkweed; Devil's-paintbrush
<i>4. Hieracium florentinum (see H. piloselloides)</i>	King Devil; Yellow Hawkweed
<i>6. Hieracium venosum</i>	Rattlesnake-weed; Veined Hawkweed
<b>13. Sonchus</b>	<b>Sow-thistle</b>
<i>1. Sonchus arvensis</i>	Field or Perennial Sow-thistle
<b>16. Lactuca</b>	
<i>6. Lactuca serriola</i>	Prickly Lettuce
Group B	
<b>17. Megalodonta</b>	
<i>1. Megalodonta beckii</i>	Water-marigold
<b>20. Bidens</b>	<b>Beggar-ticks</b>
<i>1. Bidens cernuus</i>	Nodding Beggar-ticks
<b>26. Chrysanthemum</b>	<b>Chrysanthemum</b>
<i>1. Chrysanthemum leucanthemum</i>	Ox-eye Daisy
<b>27. Achillea</b>	<b>Yarrow</b>
<i>3. Achillea lanulosa (see A. millefolium)</i>	Yarrow; Milfoil
<b>28. Tanacetum</b>	<b>Tansy</b>
<i>2. Tanacetum huronense</i>	Lake Huron Tansy; "golden buttons"
<b>35. Bellis</b>	
<i>1. Bellis perennis</i>	English Daisy
<b>50. Rudbeckia</b>	<b>Coneflower; Rudbeckia</b>
<i>5. Rudbeckia hirta</i>	Black-eyed Susan
Group C	
<b>55. Eupatoriu</b>	
<i>4. Eupatorium perfoliatum</i>	Boneset

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>56. Senecio</b>	
9. <i>Senecio pauperculus</i>	Northern Ragwort
<b>58. Euthamia</b>	
1. <i>Euthamia graminifolia</i> ( <i>see Voss' description of Solidago, p.460</i> )	Flat-topped, Bushy, or Grass-leaved Goldenrod
<b>59. Solidago</b>	<b>Goldenrod</b>
* <i>Solidago graminifolia</i>	( <i>see Euthamia graminifolia</i> )
10. <i>Solidago canadensis</i>	Canada Goldenrod
13. <i>Solidago rugosa</i>	Rough-leaved Goldenrod
19. <i>Solidago hispida</i>	Hairy Goldenrod
20. <i>Solidago uliginosa</i>	Bog Goldenrod
<b>65. Erigeron</b>	<b>Fleabane</b>
7. <i>Erigeron strigosus</i>	Daisy Fleabane
<b>66. Aster</b>	<b>Aster</b>
2. <i>Aster macrophyllus</i>	Large- or Big-leaved Aster
9. <i>Aster laevis</i>	Smooth Aster
19. <i>Aster umbellatus</i>	Flat-topped Aster
21. <i>Aster pilosus</i>	Frost Aster
28. <i>Aster lanceolatus</i>	Panicled Aster
<b>67. Arctium</b>	<b>Burdock</b>
2. <i>Arctium minus</i>	Common Burdock
<b>68. Centaurea</b>	<b>Star-thistle; Knapweed</b>
2. <i>Centaurea maculosa</i>	Spotted Knapweed
3. <i>Centaurea diffusa</i>	White-flower or Tumble Knapweed
<b>71. Carduus</b>	<b>Plumeless Thistle</b>
1. <i>Carduus nutans</i>	Nodding or Musk Thistle
<b>72. Cirsium</b>	<b>Thistle</b>
2. <i>Cirsium vulgare</i>	Bull Thistle
4. <i>Cirsium muticum</i>	Swamp Thistle
5. <i>Cirsium arvense</i>	Canada or Field Thistle
<b>75. Anaphalis</b>	
1. <i>Anaphalis margaritacea</i>	Pearly Everlasting

## Seney NWR Herbarium<sup>1</sup> (Continued)

Taxonomy	Common Name
<b>76. Gnaphalium</b>	<b>Cudweed</b>
<i>4. Gnaphalium macounii</i>	Clammy Cudweed
<b>80. Conyz</b>	
<i>1. Conyza canadensis</i>	Horseweed

1. All family-level numbering follows Gray's Manual of Botany; taxonomy and nomenclature according to Voss Michigan Flora, Parts 1-3.

