

# Appendix E Species List



# Appendix E

## Species List

Fish Species List on  
Ottawa National Wildlife Refuge Complex  
as of June 8, 1999  
(Listed by family, then species.)

### AMIIDAE

Bowfin\* (*Amia calva*)

### ATHERINIDAE

Brook silverside\* (*Labidesthes sicculus*)

### CATOSTOMIDAE

Quillback\* (*Carpionodes cyprinus*)  
Bigmouth buffalo\* (*Ictiobus cyprinellus*)  
Spotted sucker (*Mynytrema melanops*)  
White sucker (*Catostomus commersoni*)

### CENTRARCHIDAE

Black Crappie\* (*Pomoxis nigromaculatus*)  
White Crappie\* (*Pomoxis annularis*)  
Largemouth bass\* (*Micropterus salmoides*)  
Smallmouth bass\* (*Micropterus dolomieu*)  
Rockbass\* (*Ambloplites rupestris*)  
Longear sunfish (*Lepomis megalotis*)  
Pumkinseed\* (*Lepomis gibbosus*)  
Green sunfish (*Lepomis cyanellus*)  
Bluegill\* (*Lepomis macrochirus*)  
Orangespotted sunfish (*Lepomis humilis*)

### CLUPEIDAE

Gizzard shad\* (*Dorosoma cepedianum*)

### CYPRINIDAE

Bluntnose minnow\* (*Pimephales notatus*)  
Common carp\* (*Cyprinus carpio*)  
Goldfish\* (*Carassius auratus*)  
Emerald shiner\* (*Notropis atherinoides*)  
Spotfin shiner\* (*Notropis spilopterus*)  
Spottail shiner\* (*Notropis hudsonius*)  
Common shiner (*Notropis chrysocephalus*)  
Sand shiner\* (*Notropis stramineus*)

\*indicates species found at Metzger Marsh fish structure

Silver chub *(Hybosis storeriana)*  
Golden shiner\* *(Notemigonus crysoleucas)*

**ESOCIDAE**

Northern pike\* *(Esox lucius)*

**ICTALURIDAE**

Brown Bullhead\* *(Ameiurus nebulosus)*  
Yellow bullhead\* *(Ameiurus natalis)*  
Black bullhead\* *(Ameiurus melas)*  
Channel catfish\* *(Ictalurus punctatus)*  
Tadpole madtom *(Noturus gyrinus)*

**LEPISOSTEIDAE**

Longnose gar\* *(Lepisosteus osseus)*

**OSMERIDAE**

Rainbow smelt *(Osmerus mordax)*

**PETROMYZONTIDAE**

Sea lamprey *(Petromyzon marinus)*  
Silver lamprey\* *(Ichthyomyzon unicuspis)*

**PERCICHTHYIDAE**

White bass\* *(Morone chrysops)*  
White perch\* *(Morone americana)*

**PERCIDAE**

Logperch\* *(Percina caprodes)*  
Yellow perch\* *(Perca flavescens)*  
Walleye\* *(Stizostedion vitreum)*

**UMBRIDAE**

Central mudminnow *(Umbra limi)*

**PERCOPSIDAE**

Troutperch\* *(Percopsis omiscomaycus)*

**SALMONIDAE**

Rainbow trout\* *(Oncorhynchus mykiss)*

**SCIAENIDAE**

Freshwater drum\* *(Aplodinotus grunniens)*

**EXOTIC**

Round goby\* *(Neogobius melanostomus)*

\*indicates species found at Metzger Marsh fish structure

## Bird List

Two hundred and seventy-three birds are listed as regular visitors to Ottawa National Wildlife Refuge. Another 49 species have been seen only a few times on the refuge and are included in the “accidental” list.

Birds listed are grouped according to taxonomic identification, first by order (solid line) and then family (dotted line). The English or common names used and the taxonomic order are in accordance with the American Ornithologists’ Union “Checklist of North American Birds,” 6th edition (1983), 3rd Supplement (1989).

Symbols used include:

S: Spring  
 s: Summer  
 F: Fall  
 W: Winter

Status:

**c:** common  
**f:** fairly common, seen on a majority (51 percent).  
**u:** uncommon, seen on 20 percent to 50 percent of visits.  
**r:** rare, seen on less than 20 percent of visits.  
**x:** extremely rare, seen on five or fewer visits since 1969.  
 “-” indicates that no records exist.  
 “\*” indicates that the species has nested locally.

Common Name	S	s	F	W
Common Loon	x	x	u	r
Pied-billed Grebe*	c	c	c	r
Horned Grebe	u	x	u	x
Red-necked Grebe	x	-	x	-
Eared Grebe	x	x	x	-
American White Pelican	x	x	x	-
Double-crested Cormorant*	c	f	f	x
American Bittern*	u	r	r	x
Least Bittern*	u	r	r	-
Great Blue Heron*	c	c	c	c
Great Egret*	c	c	c	r
Snowy Egret*	f	f	f	-
Little Blue Heron*	u	u	u	-
Tricolored Heron	x	-	x	-
Cattle Egret*	r	r	u	-
Green-backed Heron*	c	c	c	-

Common Name	S	s	F	W
Black-crowned Night Heron*	f	c	c	x
Yellow-crowned Night Heron	x	x	x	
Glossy Ibis	x	-	-	-
White-faced Ibis	x	-	-	-
Trumpeter Swan*	u	u	u	-
Tundra Swan	f	-	f	f
Mute Swan*	x	x	x	x
Greater White-fronted Goose	x	-	x	x
Snow (blue phase) Goose	f	x	f	f
Brant	x	-	x	-
Canada Goose*	c	c	c	c
Wood Duck*	f	f	c	u
Green-winged Teal*	f	u	c	u
American Black Duck*	c	f	c	c
Mallard*	c	c	c	c
Northern Pintail*	f	u	c	f
Blue-winged Teal*	c	c	c	x
Northern Shoveler*	c	u	c	u
Gadwall*	c	u	c	u
American Wigeon*	f	u	f	u
Canvasback*	f	x	f	u
Greater Scaup	x	-	x	x
Lesser Scaup	f	x	f	u
Oldsquaw	r	-	r	r
Black Scoter	x	-	x	x
Surf Scoter	-	-	x	x
White-winged Scoter	x	x	x	x
Common Goldeneye	c	-	f	f
Bufflehead	f	-	f	u
Hooded Merganser*	f	u	c	u
Common Merganser	c	-	u	f
Red-breasted Merganser	c	x	f	u
Ruddy Duck*	c	u	c	u
Turkey Vulture*	f	u	x	-
Osprey	u	x	x	x
Bald Eagle*	c	c	c	c
Northern Harrier	f	r	f	f
Sharp-shinned Hawk	f	x	u	x
Cooper's Hawk*	f	x	r	u
Red-shouldered Hawk*	u	x	x	x
Broad-winged Hawk	u	x	x	-
Swainson's Hawk	-	x	x	-
Red-tailed Hawk*	c	c	c	c
Rough-legged Hawk	f	-	r	f
Golden Eagle	x	x	x	-
American Kestrel*	f	u	f	f

Common Name	S	s	F	W
Merlin	r	x	x	-
Peregrine Falcon	r	x	r	-
Gyrfalcon	x	-	x	x
Ring-necked Pheasant*	f	f	f	f
Northern Bobwhite	x	x	x	-
King Rail*	r	x	x	x
Virginia Rail*	u	r	r	x
Sora*	c	u	u	-
Common Moorhen*	u	u	u	x
American Coot*	c	f	c	u
Sandhill Crane	r	-	x	-
Black-bellied Plover	c	u	f	x
Lesser Golden Plover	f	x	f	-
Semipalmated Plover	c	u	f	-
Piping Plover	x	-	x	-
Killdeer*	c	c	c	u
American Avocet	-	x	r	-
Greater Yellowlegs	c	u	c	x
Lesser Yellowlegs	c	u	c	-
Solitary Sandpiper	c	u	f	-
Willet	x	x	r	-
Spotted Sandpiper*	c	c	c	-
Upland Sandpiper*	u	r	r	-
Whimbrel	x	x	x	-
Hudsonian Godwit	x	x	u	-
Marbled Godwit	x	x	r	-
Ruddy Turnstone	u	u	u	-
Red Knot	x	x	u	-
Sanderling	r	x	f	x
Semipalmated Sandpiper	f	u	c	-
Western Sandpiper	r	x	u	-
White-rumped Sandpiper	u	r	u	-
Baird's Sandpiper	x	-	u	-
Pectoral Sandpiper	f	u	c	-
Dunlin	f	u	c	r
Stilt Sandpiper	x	r	f	-
Buff-breasted Sandpiper	-	-	r	-
Ruff	x	x	x	-
Short-billed Dowitcher	f	u	c	-
Long-billed Dowitcher	x	x	f	-
Common Snipe*	c	x	f	r
American Woodcock*	u	r	u	-
Wilson's Phalarope*	r	r	u	-
Red-necked Phalarope	x	-	r	-

Common Name	S	s	F	W
Red Phalarope	-	-	x	x
Franklin's Gull	x	x	r	-
Bonaparte's Gull	f	x	c	f
Ring-billed Gull*	c	c	c	f
Herring Gull*	c	c	c	f
Iceland Gull	x	x	-	-
Glaucous Gull	x	-	-	x
Great Black-backed Gull	f	u	c	f
Caspian Tern	f	u	c	-
Common Tern*	f	f	c	x
Forster's Tern	f	u	c	-
Black Tern*	u	r	u	-
Rock Dove*	f	f	f	u
Mourning Dove*	c	c	c	c
Black-billed Cuckoo*	u	u	u	-
Yellow-billed Cuckoo*	f	c	c	-
Barn Owl*	x	x	-	-
Eastern Screech Owl*	u	r	u	u
Great Horned Owl*	c	f	f	c
Snowy Owl	x	-	x	x
Long-eared Owl	u	-	-	x
Short-eared Owl	r	-	-	r
Northern Saw-whet Owl	u	-	x	x
Common Nighthawk*	u	-	u	-
Whip-poor-will	u	-	x	-
Chimney Swift*	f	u	f	-
Ruby-throated Hummingbird*	u	u	f	-
Belted Kingfisher*	f	u	f	r
Red-headed Woodpecker*	f	u	f	u
Red-bellied Woodpecker*	u	x	r	f
Yellow-bellied Sapsucker	f	-	c	x
Downy Woodpecker*	c	f	c	c
Hairy Woodpecker*	u	x	u	u
Northern Flicker*	c	c	c	u
Olive-sided Flycatcher	u	x	u	-
Eastern Wood-Pewee*	c	c	c	-
Yellow-bellied Flycatcher	u	u	u	-
Acadian Flycatcher*	u	r	x	-
Willow Flycatcher*	f	c	u	-
Least Flycatcher	c	u	f	-



Common Name	S	s	F	W
Eastern Phoebe*	c	r	f	-
Great Crested Flycatcher*	c	f	u	-
Eastern Kingbird*	c	c	c	-
Horned Lark*	c	f	u	f
Purple Martin*	c	c	c	-
Tree Swallow*	c	c	c	x
Northern Rough-winged Swallow*	f	u	u	-
Bank Swallow*	f	u	f	-
Cliff Swallow*	u	x	u	-
Barn Swallow*	c	c	c	-
Blue Jay*	c	c	c	c
American Crow*	f	r	u	u
Black-capped Chickadee*	u	x	r	r
Tufted Titmouse*	f	u	u	f
Red-breasted Nuthatch	u	-	u	x
White-breasted Nuthatch*	u	u	f	f
Brown Creeper	f	-	c	f
Carolina Wren*	x	x	x	x
House Wren*	c	c	c	-
Winter Wren	f	-	c	u
Sedge Wren*	x	x	x	-
Marsh Wren*	f	f	f	r
Golden-crowned Kinglet	c	-	c	u
Ruby-crowned Kinglet	c	-	c	x
Blue-gray Gnatcatcher	c	u	x	-
Eastern Bluebird*	u	x	x	-
Veery	f	x	u	-
Gray-cheeked Thrush	f	x	f	-
Swainson's Thrush	c	r	c	-
Hermit Thrush	f	-	f	x
Wood Thrush*	c	c	x	-
American Robin*	c	c	c	f
Gray Catbird*	c	c	c	x
Northern Mockingbird*	r	x	r	u
Brown Thrasher*	c	f	f	x
American Pipet	f	-	u	x
Cedar Waxwing*	f	f	f	r

Common Name	S	s	F	W
Northern Shrike	x	-	x	r
Loggerhead Shrike	r	-	x	x
European Starling*	c	c	c	c
White-eyed Vireo*	f	x	x	-
Solitary Vireo	f	x	u	-
Yellow-throated Vireo*	f	-	x	-
Warbling Vireo*	c	c	c	-
Philadelphia Vireo	f	x	f	-
Red-eyed Vireo*	c	c	c	-
Blue-winged Warbler	f	-	x	-
Golden-winged Warbler	u	-	x	-
Tennessee Warbler	c	x	f	-
Orange-crowned Warbler	u	-	x	x
Nashville Warbler	c	-	f	-
Northern Parula	u	-	x	-
Yellow Warbler*	c	c	c	-
Chestnut-sided Warbler	f	x	u	-
Magnolia Warbler	c	x	f	-
Cape May Warbler	c	-	c	-
Black-throated Blue Warbler	c	x	u	-
Yellow-rumped Warbler	c	x	c	x
Black-throated Green Warbler	c	x	f	-
Blackburnian Warbler	f	x	u	-
Yellow-throated Warbler	x	-	-	-
Pine Warbler	x	-	x	-
Kirtland's Warbler	x	-	-	-
Prairie Warbler	x	-	x	-
Palm Warbler	c	-	f	-
Bay-breasted Warbler	c	x	f	-
Blackpoll Warbler	c	r	f	-
Cerulean Warbler	u	-	-	-
Black-and-white Warbler*	c	x	f	-
American Redstart*	c	f	f	-
Prothonotary Warbler*	f	f	u	-
Worm-eating Warbler	x	-	-	-
Ovenbird*	f	x	u	-
Northern Waterthrush	f	x	u	x
Louisiana Waterthrush	x	-	x	-
Kentucky Warbler	x	x	x	-
Connecticut Warbler	u	x	x	-
Mourning Warbler	f	r	x	-
Common Yellowthroat*	c	c	f	r
Hooded Warbler*	r	-	x	-
Wilson's Warbler	c	r	f	-
Canada Warbler	c	r	f	-
Yellow-breasted Chat*	u	r	-	-
Summer Tanager	x	-	-	-

Common Name	S	s	F	W
Scarlet Tanager*	c	r	u	-
Northern Cardinal*	c	c	c	c
Rose-breasted Grosbeak*	c	u	u	-
Indigo Bunting*	c	c	c	-
Dickcissel*	x	x	f	-
Eastern Towhee*	c	u	u	r
American Tree Sparrow	c	-	c	c
Chipping Sparrow*	f	r	u	-
Field Sparrow*	c	c	c	x
Vesper Sparrow*	f	u	r	-
Savannah Sparrow*	f	f	u	x
Grasshopper Sparrow*	r	u	x	-
Henslow's Sparrow	x	-	x	-
Sharp-tailed Sparrow	x	-	x	-
Fox Sparrow	c	-	c	-
Song Sparrow*	c	c	c	c
Lincoln's Sparrow	f	x	f	-
Swamp Sparrow*	c	u	f	c
White-throated Sparrow	c	-	c	u
White-crowned Sparrow	c	x	f	f
Dark-eyed Junco	c	-	c	f
Lapland Longspur	x	-	x	r
Smith's Longspur	x	-	-	-
Snow Bunting	u	-	f	f
Bobolink*	f	f	f	-
Red-winged Blackbird*	c	c	c	c
Eastern Meadowlark*	f	f	f	u
Western Meadowlark	r	x	-	-
Yellow-headed Blackbird*	u	x	x	x
Rusty Blackbird	f	x	f	u
Brewer's Blackbird	x	-	x	x
Common Grackle*	c	c	c	u
Brown-headed Cowbird*	f	c	f	u
Orchard Oriole*	f	f	u	-
Northern Oriole*	c	c	f	-
Purple Finch	f	-	r	x
House Finch*	r	x	u	u
Common Redpoll	u	-	x	r
Pine Siskin	u	-	x	r
American Goldfinch*	c	c	c	c
Evening Grosbeak	r	-	x	x
House Sparrow*	c	c	c	c

**Accidentals:**

Red-throated Loon	Gannet	Wood Stork
American Flamingo	Ross Goose	Ruddy Shelduck
Fulvous Whistling Duck	Harlequin Duck	Cinnamon Teal
Eurasian Wigeon		Bohemian Waxwing

Barrown's Goldeneye	King Eder	Yellow Rail
Black Rail	Wilson's Plover	Purple Sandpiper
Black-necked Stilt	Pomarine Jaeger	Long-tailed Jaeger
Great Skua	Little Gull	Lesser Black-backed Gull
Black-legged Kittiwake	Least Tern	Groove-billed Ani
Barred Owl	Western Kingbird	Harris' Sparrow
Black-billed Magpie	Boreal Chickadee	Bewick's Wren
Townsend's Solitaire	Muscovy	Townsend's Warbler
Black-headed Grosbeak	Blue Grosbeak	Pine Grosbeak
Hoary Redpoll	Red Crossbill	White-winged Crossbill
Oregon Junco	Lark Sparrow	Bachman's Sparrow
Clay-colored Sparrow	Black-chinned Sparrow	
Smith's Longspur	Common Black-headed Gull	
Spotted Towhee		

## Large Mammals

River otter	<i>Lutra canadensis</i>
white-tailed deer	<i>Odocoileus virginianus</i>
coyote	<i>Canis latrans</i>
red fox	<i>Vulpes vulpes</i>
gray fox	<i>Urocyon cinereoargenteus</i>
feral dog	<i>Canis familiaris</i>
feral cat	<i>Felis catus</i>
raccoon	<i>Procyon lotor</i>
opossum	<i>Didelphis virginiana</i>
striped skunk	<i>Mephitis mephitis</i>
wood chuck	<i>Marmota monax</i>

## Medium Mammals

eastern cottontail rabbit	<i>Sylvilagus floridanus</i>
muskrat	<i>Ondatra zibethicus</i>
mink	<i>Mustela vison</i>
long-tailed weasel	<i>Mustela frenata</i>
fox squirrel	<i>Sciurus niger</i>
gray squirrel	<i>Sciurus carolinensis</i>
13-lined ground squirrel	<i>Spermophilus tridecemlineatus</i>
red squirrel	<i>Tamiasciurus hudsonicus</i>
southern flying squirrel	<i>Glaucomys volans</i>
chipmunk	<i>Tamias striatus</i>
Norway rat	<i>Rattus norvegicus</i>

## Small Mammals

masked shrew	<i>Sorex cinereus</i>
least shrew	<i>Cryptotis parva</i>
short-tailed shrew	<i>Blarina brevicauda</i>
eastern mole	<i>Scalopus aquaticus</i>
hairy-tailed mole	<i>Parascalops breweri</i>
star nosed mole	<i>Condylura cristata</i>
meadow vole	<i>Microtus pennsylvanicus</i>
white-footed mouse	<i>Peromyscus leucopus</i>
prairie deer mouse	<i>Peromyscus maniculatus bairdii</i>
meadow jumping mouse	<i>Zapus hudsonius</i>
southern bog lemming	<i>Synaptomys cooperi</i>
house mouse	<i>Mus musculus</i>
least weasel	<i>Mustela nivalis</i>

## Reptiles

### Definitions:

**a** - abundant (very common, likely to be seen anytime from spring through fall).

**c** - common (likely to be seen under favorable habitat/weather conditions)

**u** - uncommon (occasionally seen, often restricted in habitat or density)

**r** - rare (very restricted) in range and numbers, unlikely to be seen)

**p** - probable (probably occurs in the area, though not yet recorded)

**h** - hypothetical (unlikely to be found in the area)

### Cedar Point National Wildlife Refuge

Blanding's turtle	c
Midland painted turtle	a
Snapping turtle	c
Northern watersnake	a
Kirtland's watersnake	r
Queen snake	u
Eastern garter snake	
normal phase	a
melanistic phase	c
Butler's garter snake	u
Brown snake	u
Fox snake	c
Bullfrog	c
Northern leopard frog	a
Map turtle	h
Five-lined skink	r
Mole salamanders	p
Green frog	u
Fowler's toad	p
American toad	p

### Ottawa National Wildlife Refuge

Blanding's turtle	c
Midland painted turtle	a
Northern watersnake	a
Queen snake	u
Eastern garter snake	
normal phase	a
melanistic phase	c
Butler's garter snake	u
Fox snake	c
Bullfrog	c
Northern leopard frog	a
Snapping turtle	c
Brown snake	u
Blue racer	h
Five-lined skink	r
Mole salamanders	p

Green frog	c
Fowler's toad	p
American toad	p

**Navarre Marsh**

Blanding's turtle	c
Midland painted turtle	a
Five-lined skink	c
Northern watersnake	a
Eastern garter snake	
normal phase	a
melanistic phase	c
Brown snake	u
Fox snake	c
Bullfrog	c
Green frog	c
Northern leopard frog	a
Snapping turtle	c
Queen snake	p
Butler's garter snake	p
Fowler's toad	r
American toad	u

**Darby Marsh**

Blanding's turtle	c
Midland painted turtle	a
Northern watersnake	c
Eastern garter snake	
normal phase	a
melanistic phase	c
Fox snake	c
Bullfrog	c
Northern leopard frog	a
Snapping turtle	c
Five-lined skink	h
Queen snake	p
Butler's garter snake	p
Brown snake	p
Green frog	c
Fowler's toad	p
American toad	p

