

Appendix E: Species List

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Mammals

Common name	Scientific Name	Habitat Types		
		Oak Savanna/ Dry Prairie Upland	Floodplain Forest & Low Prairie or Meadow	Marsh & Open Water
Opossum				
Virginia Oposum	<i>Didelphis virginiana</i>	r	r	
Shrews				
Masked shrew	<i>Sorex cinereus</i>		u	
Arctic Shrew	<i>Sorex arcticus</i>		r	
Pigmy Shrew	<i>Microsorex hoyi</i>		r	
Shorttail Shrew	<i>Blarina brevicauda</i>	r	c	u
Moles				
Eastern Mole	<i>Scalopus aquaticus</i>	u	u	
Starnose Mole	<i>Condylura cristata</i>		r	
Bats				
Little Brown Myotis	<i>Myotis lucifugus</i>		c	
Keen Myotis	<i>Myotis keenii</i>		r	
Silver-haired Bat	<i>Lasionycteris noctivagans</i>		r	
Eastern Pipistrel	<i>Pipistrellus subflavus</i>		r	
Big Brown Bat	<i>Eptesicus fuscus</i>		c	
Red Bat	<i>Lasiurus borealis</i>		c	c
Hoary Bat	<i>Lasiurus cinereus</i>		c	
Rabbits				
Eastern cottontail	<i>Sylvilagus floridanus</i>	c	a	u
Whitetail Jackrabbit	<i>Lepus townsendii</i>	u		
Rodents				
Woodchuck	<i>Marmota monax</i>	a	c	
Richardson Ground Squirrel	<i>Citellus richardsoni</i>		u	
Thirteen-lined Ground Squirrel	<i>Citellus tridecemlineatus</i>	c	u	
Franklin Ground Squirrel	<i>Citellus franklinii</i>	u	u	
Eastern Chipmunk	<i>Tamias striatus</i>	a	c	
Eastern Gray Squirrel	<i>Sciurus carolinensis</i>	c	c	
Eastern Fox Squirrel	<i>Sciurus niger</i>		c	
Red Squirrel	<i>Tamiasciurus hudsonicus</i>		c	
Southern Flying Squirrel	<i>Glaucomys volns</i>		u	

Common name	Scientific Name	Habitat Types		
		Oak Savanna/ Dry Prairie Upland	Floodplain Forest & Low Prairie or Meadow	Marsh & Open Water
Rodents (continued)				
Plains Pocket Gopher	<i>Geomys bursarius</i>	a		
Plains Pocket Mouse	<i>Perognathus flavescens</i>	u		
Beaver	<i>Castor canadensis</i>			c
Western Harvest Mouse	<i>Reithrodontomys megalotis</i>	r		
Deer Mouse	<i>Peromyscus maniculatus</i>	u		
White-footed Mouse	<i>Peromyscus leucopus</i>	c	c	
Gapper's Red-backed Vole	<i>Clethrionomys gapperi</i>		u	
Meadow Vole	<i>Microtus pennsylvanicus</i>		u	
Muskrat	<i>Ondatra zibethica</i>			a
Norway Rat	<i>Rattus norvegicus</i>	u		
House Mouse	<i>Mus musculus</i>	u		
Meadow Jumping Mouse	<i>Zapus hudsonicus</i>	r	c	
Coyote/Fox				
Coyote	<i>Canis latrans</i>	r		
Red Fox	<i>Vulpes fulva</i>	c	u	
Gray Fox	<i>Urocyon cinereoargenteus</i>	u		
Raccoon				
Raccoon	<i>Procyon lotor</i>		c	c
Weasel/Skunk/Otter				
Ermine/ Shorttail Weasel	<i>Mustela erminea</i>		u	
Least Weasel	<i>Mustela rixosa</i>	u		
Longtail Weasel	<i>Mustela frenata</i>		u	
Mink	<i>Mustela vison</i>			u
Badger	<i>Taxidea taxus</i>	r		
Spotted Skunk	<i>Spilogale putoris</i>	u	u	
Striped Skunk	<i>Mephitis mephitis</i>	c	c	
River Otter	<i>Lutra canadensis</i>			r
Deer				
Whitetail Deer	<i>Odocoileus virginianus</i>	c	a	c

Reptile and Amphibians

Common name	Scientific Name	Habitat Types		
		Oak Savanna/ Dry Prairie Upland	Floodplain Forest & Low Prairie or Meadow	Marsh & Open Water
Turtles				
Snapping Turtle	<i>Chelydra serpentina</i>		c	c
Map Turtle	<i>Graptemys geographica</i>			r
False Map Turtle	<i>Graptemys pseudogeographica</i>			c
Painted Turtle	<i>Chrysemys picta</i>	u	c	c
Blanding's Turtle	<i>Emydoidea blandingi</i>		r	r
Smooth Softshell	<i>Trionyx muticus</i>			c
Spiny Softshell	<i>Trionyx spiniferus</i>			u
Lizards				
Prairie Skink	<i>Eumeces septentrionalis</i>		u	
Snakes				
Northern Water Snake	<i>Nerodia sipedon</i>		c	c
Brown (DeKay's) Snake	<i>Storeria dekayi</i>		u	u
Redbelly Snake	<i>Storeria occipitomaculata</i>		u	
Common Garter Snake	<i>Thamnophis sirtalis</i>	c	a	a
Plains Garter Snake	<i>Thamnophis radix</i>	c	c	c
Western Hognose Snake	<i>Heterodon nasicus</i>	c	u	
Racer	<i>Coluber constrictor</i>	u		
Smooth Green Snake	<i>Ophedrys vernalis</i>		u	
Fox Snake	<i>Elaphe vulpina</i>	u	c	c
Gopher Snake	<i>Pituophis melanoleucus</i>	c	u	
Milk Snake	<i>Lampropeltis triangulum</i>		u	
Salamanders				
Mudpuppy	<i>Necturus maculosus</i>			u
Eastern Newt	<i>Notophthalmus viridescens</i>		u	u
Blue-spotted Salamander	<i>Ambystoma laterale</i>		r	
Tiger Salamander	<i>Ambystoma trigrinum</i>		c	

Common name	Scientific Name	Habitat Types		
		Oak Savanna/ Dry Prairie Uplands	Floodplain Forest & Low Prairie or Meadow	Marsh & Open Water
Toads				
American Toad	<i>Bufo americanus</i>	c	c	c
Frogs				
Spring Peeper	<i>Hyla crucifer</i>		c	c
Gray Tree Frog	<i>Hyla versicolor</i>		c	
Striped Chorus Frog	<i>Pseudacris triseriata</i>		c	c
Green Frog	<i>Rana clamitans</i>			c
Wood Frog	<i>Rana sylvatica</i>		c	
Northern Leopard Frog	<i>Rana pipiens</i>	u	a	a

Birds

Legend: Symbols are used as follows:

Sp – March-May

S – June-August

F – September-November

W – December - February

* – indicates nesting occurs on the Refuge

a – abundant: a common species that is very numerous.

c – common: certain to be seen or heard in suitable habitat, not in large numbers.

u – uncommon: present but not always seen.

o – occasional: seen only a few times during the season.

r – rare: seen every 2 to 5 years.

x – accidental: seen only once or twice.

Species	Sp	S	F	W
Loons				
Common loon	o		o	
Grebes				
Pied-billed Grebe*	c	c	c	
Horned Grebe	u		r	
Red-necked Grebe	r		r	
Pelicans				
American White Pelican	u		u	r
Cormorants				
Double-crested Cormorant	c	c	c	r
Hérons & Bitterns				
American Bittern*	o	o	o	
Least Bittern*	u	u	u	
Great Blue Heron*	c	c	c	r
Great Egret*	c	c	c	
Green Heron*	u	u	u	
Black-crowned Night Heron*	u	u	u	
Vultures				
Turkey Vulture	u	u	u	
Swans, Geese & Ducks				
Greater White-fronted Goose	r		r	
Snow Goose	o		o	
Canada Goose*	c	c	c	c
Tundra Swan	u		u	r
Wood Duck*	c	u	c	r
Gadwall	c	u	o	
American Wigeon	c		c	
American Black Duck	u		u	u
Mallard*	a	a	a	a
Blue-winged Teal	c	u	c	
Northern Shoveler	c	o	c	

Species	Sp	S	F	W
Swans, Geese & Ducks continued				
Northern Pintail	o		u	r
Green-winged Teal	u		u	r
Canvasback	u		u	r
Redhead	u	r	o	r
Ring-necked Duck	c		u	r
Greater Scaup	r		r	
Lesser Scaup	c		u	r
Bufflehead	c		c	
Common Goldeneye	c		c	c
Hooded Merganser*	c	o	u	
Common Merganser	c		c	c
Red-breasted Merganser	o		o	
Ruddy Duck*	u	r	u	
Hawks & Eagles				
Osprey	o		o	
Bald Eagle*	c	u	c	u
Northern Harrier	o		o	
Sharp-shinned Hawk	u		u	o
Cooper's Hawk*	u	o	u	o
Northern Goshawk			r	r
Red-shouldered Hawk*	r		r	
Broad-winged Hawk	o	r	o	
Red-tailed Hawk*	c	c	c	u
Rough-legged Hawk	o		o	o
Falcons				
American Kestrel*	c	c	c	u
Peregrine Falcon*	u	u	u	u
Upland Game Birds				
Ring-necked Pheasant*	c	c	c	c
Wild Turkey*	u	u	u	u
Rails & Coots				
Virginia Rail*	u	u	u	
Sora*	c	u	u	
Common Moorhen	r	r	r	
American Coot*	a	a	a	r
Cranes				
Sandhill Crane	r			

Species	Sp	S	F	W
<i>Shorebirds</i>				
Black-bellied Plover	r		r	
Semipalmated Plover	r		r	
Killdeer*	c	c	c	
American Avocet	r		r	
Greater Yellowlegs	u		o	
Lesser Yellowlegs	u	r	o	
Solitary Sandpiper	c		u	
Spotted Sandpiper*	c	u	u	
Semipalmated Sandpiper	o		o	
Least Sandpiper	u	r	u	
Pectoral Sandpiper	o		o	
Dunlin	r		r	
Stilt Sandpiper	o		o	
Short-billed Dowitcher	r			
Common Snipe*	o	r	o	r
American Woodcock*	u	r	o	
Wilson's Phalarope	r		r	
<i>Gulls & Terns</i>				
Franklin's Gull	r		o	
Bonaparte's Gull	o		o	
Ring-billed Gull	a	u	a	o
Herring Gull	u		u	u
Thayer's Gull			o	o
Iceland Gull			o	o
Lesser Black-backed Gull				r
Glaucous Gull	o			o
Caspian Tern	o	r	o	
Forster's Tern*	u	u	u	
Black Tern*	u	u	u	
<i>Doves</i>				
Rock Dove*	u	u	u	u
Mourning Dove*	c	c	c	o
<i>Cuckoos & Roadrunners</i>				
Black-billed Cuckoo*	o	o	o	
Yellow-billed Cuckoo	o	o	o	

Species	Sp	S	F	W
Owls				
Eastern Screech-Owl*	r	r	r	r
Great Horned Owl*	u	u	u	u
Snowy Owl				r
Barred Owl	u	u	u	u
Long-eared Owl				o
Short-eared Owl			r	r
Northern Saw-whet Owl				r
Nighthawks & Nightjars				
Common Nighthawk*	u	u	u	
Whip-poor-will	r		r	
Swifts				
Chimney Swift*	c	c	c	
Hummingbirds				
Ruby-throated Hummingbird*	u	u	u	
Kingfishers				
Belted Kingfisher*	u	u	u	r
Woodpeckers				
Red-headed Woodpecker*	u	u	u	
Red-bellied Woodpecker*	c	u	u	u
Yellow-bellied Sapsucker*	u	o	u	
Downy Woodpecker*	c	c	c	c
Hairy Woodpecker*	c	c	c	c
Northern Flicker*	c	c	c	r
Pileated Woodpecker*	u	u	u	u
Flycatchers				
Olive-sided Flycatcher	o		o	
Eastern Wood-Pewee	u	u	u	
Yellow-bellied Flycatcher	r		r	
Alder Flycatcher	r		r	
Willow Flycatcher	u	u	u	
Least Flycatcher	c	u	u	
Eastern Phoebe*	u	u	u	
Great Crested Flycatcher*	u	u	u	
Eastern Kingbird*	u	u	u	
Shrikes				
Northern Shrike	o		o	u

Species	Sp	S	F	W
<i>Vireos</i>				
Bell's Vireo*	r	r	r	
Yellow-throated Vireo*	u	u	u	
Blue-headed Vireo	u		u	
Warbling Vireo	c	c	c	
Philadelphia Vireo	r		r	
Red-eyed Vireo	c	c	c	
<i>Jays & Crows</i>				
Blue Jay*	c	c	c	c
American Crow*	a	a	a	a
<i>Larks</i>				
Horned Lark		o		
<i>Swallows</i>				
Purple Martin*	o	o	o	
Tree Swallow*	c	c	c	
Northern Rough-winged Swallow*	c	u	u	
Bank Swallow*	u	u	u	
Cliff Swallow*	u	u	u	
Barn Swallow*	c	c	c	
<i>Chickadees & Titmice</i>				
Black-capped Chickadee*	a	a	a	a
<i>Nuthatches</i>				
Red-breasted Nuthatch	o	r	o	o
White-breasted Nuthatch*	c	c	c	c
<i>Creepers</i>				
Brown Creeper	u		u	u
<i>Wrens</i>				
House Wren*	c	c	u	
Winter Wren	o		o	
Sedge Wren*	u	u	u	
Marsh Wren*	u	u	u	
<i>Kinglets & Gnatcatchers</i>				
Golden-crowned Kinglet	u		u	u
Ruby-crowned Kinglet	c		u	
Blue-gray Gnatcatcher*	u	u	u	

Species	Sp	S	F	W
<i>Thrushes</i>				
Eastern Bluebird*	u	u	u	
Veery	o		o	
Gray-cheeked Thrush	o		o	
Swainson's Thrush	u		u	
Hermit Thrush	u		u	o
Wood Thrush	o	o	o	
American Robin*	a	a	a	u
<i>Mockingbirds & Thrashers</i>				
Gray Catbird*	c	c	c	
Brown Thrasher*	u	u	u	
<i>Starlings</i>				
European Starling*	c	c	c	c
<i>Waxwings</i>				
Cedar Waxwing*	u	u	u	o
<i>Warblers</i>				
Blue-winged Warbler	r	r	r	
Golden-winged Warbler	r	r	r	
Tennessee Warbler	c		c	
Orange-crowned Warbler	u		u	
Nashville Warbler	c		c	
Northern Parula	o		o	
Yellow Warbler*	c	c	c	
Chestnut-sided Warbler	u	r	u	
Magnolia Warbler	u		u	
Cape May Warbler	o		o	
Black-throated Blue Warbler	r		r	
Yellow-rumped Warbler	a		a	r
Black-throated Green Warbler	u		u	
Blackburnian Warbler	u		u	
Pine Warbler	r		r	
Palm Warbler	c		c	
Bay-breasted Warbler	o		o	
Blackpoll Warbler	u		u	
Cerulean Warbler	r	r	r	
Black-and-white Warbler	u		u	
American Redstart*	c	c	c	
Prothonotary Warbler*	o	o	o	
Ovenbird	u	o	u	
Northern Waterthrush	u		u	

Species	Sp	S	F	W
Warblers (continued)				
Connecticut Warbler	r		r	
Mourning Warbler	o		o	
Common Yellowthroat*	c	c	c	
Wilson's Warbler	u		u	
Canada Warbler	o		o	
Yellow-breasted Chat	r	r	r	
Tanagers				
Scarlet Tanager*	u	r	u	
Sparrows, Buntings & Grosbeaks				
Eastern Towhee	o	o	o	
American Tree Sparrow	c		c	c
Chipping Sparrow*	c	c	c	
Clay-colored Sparrow*	c	u	c	
Field Sparrow*	c	u	c	r
Vesper Sparrow*	o	o	o	
Lark Sparrow	o	o	o	
Savannah Sparrow*	u	u	u	
Grasshopper Sparrow*	o	o	o	
Le Conte's Sparrow	r		r	
Fox Sparrow	u		u	
Song Sparrow*	c	c	c	r
Lincoln's Sparrow	u		u	
Swamp Sparrow*	u	u	u	
White-throated Sparrow	c		c	r
Harris's Sparrow	o			
White-crowned Sparrow	u		u	
Dark-eyed Junco	c		c	c
Cardinals & Allies				
Northern Cardinal*	c	c	c	c
Rose-breasted Grosbeak*	c	c	c	
Indigo Bunting*	c	c	c	
Dickcissel*	o	o	o	
Blackbirds & Orioles				
Bobolink	u	u	u	
Red-winged Blackbird*	a	a	a	u
Eastern Meadowlark	u	u	u	
Western Meadowlark	r	r	r	
Yellow-headed Blackbird*	u	u	u	

Species	Sp	S	F	W
<i>Blackbirds & Orioles (continued)</i>				
Rusty Blackbird	o		o	r
Brewer's Blackbird	o		o	
Common Grackle*	a	a	a	o
Brown-headed Cowbird*	a	a	c	o
Orchard Oriole	r	r	r	
Baltimore Oriole*	u	u	u	
<i>Finches</i>				
Purple Finch	o		o	o
House Finch*	a	a	a	c
Red Crossbill				r
White-winged Crossbill				r
Common Redpoll	r		r	o
Pine Siskin	o		o	o
American Goldfinch*	c	c	c	c
<i>Old World Sparrows</i>				
House Sparrow*	a	a	a	a
<i>Accidentals to the Refuge</i>				
Eared Grebe	x	x		
Western Grebe	x			
Snowy Egret		x		
Little Blue Heron	x			
Cattle Egret	x			
Yellow-crowned Night Heron	x			
Tricolored Heron	x			
White-faced Ibis	x			
Whooper Swan	x	x	x	x
Mute Swan	x	x	x	x
Trumpeter Swan	x		x	
Cinnamon Teal	x			
Harlequin Duck				x
Surf Scoter	x			
White-winged Scoter	x		x	
Long-tailed Duck	x			x
Mississippi Kite	x			
Golden Eagle	x			
Merlin	x			
Prairie Falcon			x	

Species	Sp	S	F	W
<i>Accidentals to the Refuge (continued)</i>				
Gray Partridge	x	x	x	x
Ruffed Grouse	x	x	x	x
Northern Bobwhite	x	x	x	x
King Rail		x		
American Golden-Plover	x		x	
Piping Plover	x		x	
Willet	x		x	
Upland Sandpiper	x	x	x	
Hudsonian Godwit	x		x	
Marbled Godwit		x		
Ruddy Turnstone	x		x	
Sanderling	x		x	
White-rumped Sandpiper	x	x		
Baird's Sandpiper	x		x	
Buff-breasted Sandpiper	x		x	
Long-billed Dowitcher	x		x	
Black-necked Stilt	x			
Red-necked Phalarope	x		x	
Glaucous-winged Gull			x	
Great Black-backed Gull				x
Black-legged Kittiwake				x
Common Tern	x		x	
Great Gray Owl				x
Western Kingbird	x	x	x	
Loggerhead Shrike	x	x	x	
White-eyed Vireo	x			
Tufted Titmouse	x	x	x	x
Carolina Wren	x		x	
Rock Wren	x			
Bohemian Waxwing	x		x	x
Louisiana Waterthrush	x			
Hooded Warbler	x			
Summer Tanager	x			
Henslow's Sparrow			x	
Nelson's Sharp-tailed Sparrow		x		
Lapland Longspur	x		x	
Snow Bunting				x
Hoary Redpoll				x
Evening Grosbeak				x