

Muscatatuck National Wildlife Refuge
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Seymour, IN 47274
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V/TTY users may reach Muscatatuck through
Indiana's State Relay Service
at 1 800/743 3333

U.S. Fish & Wildlife Service
1 800/344 WILD



U.S. Fish & Wildlife Service

Muscatatuck

National Wildlife Refuge
Bird Checklist



Birds of Muscatatuck

Muscatatuck National Wildlife Refuge was established in 1966 to provide habitat for migratory birds and endangered species. This 7,724-acre refuge near Seymour is recognized as a "Continentially Important" bird area. A 78-acre parcel near Bloomington, also part of Muscatatuck NWR, is known as the Restle Unit.

The mission of Muscatatuck NWR is to restore, preserve, and manage a mix of forest, wetland, and grassland habitat for fish, wildlife, and people. Water management is an important tool at Muscatatuck and refuge moist soil units, green tree units, and permanent marshes provide feeding and nesting areas for many kinds of birds.

A wide variety of birds can be found year-round at Muscatatuck. Winter attracts a variety of ducks to the refuge, and birds like tundra swans and bald eagles visit regularly. In spring, wood ducks, Canada geese, and mallards begin nesting while most other migratory waterfowl depart. In April, great blue herons nest and great egrets visit the refuge. Migrating warblers pass through in May. Geese and wood duck broods are common in June. By August, early migrant blue-wing teal arrive to mark the beginning of fall migration. In the fall, osprey and cormorants appear over the big lakes, sandhill cranes fly over the refuge on their way south, and the winter songbirds return.

Following is a list of 279 species which have been reported on the refuge. The information is obtained from refuge personnel and other interested birders, such as yourself. Species names and taxonomic order follow the American Ornithologist's Union's Checklist of North American Birds. Seasons and frequency of occurrence are in accordance with the American Birding Association. If you see something rare or unusual, please share the information with the refuge staff

Legend

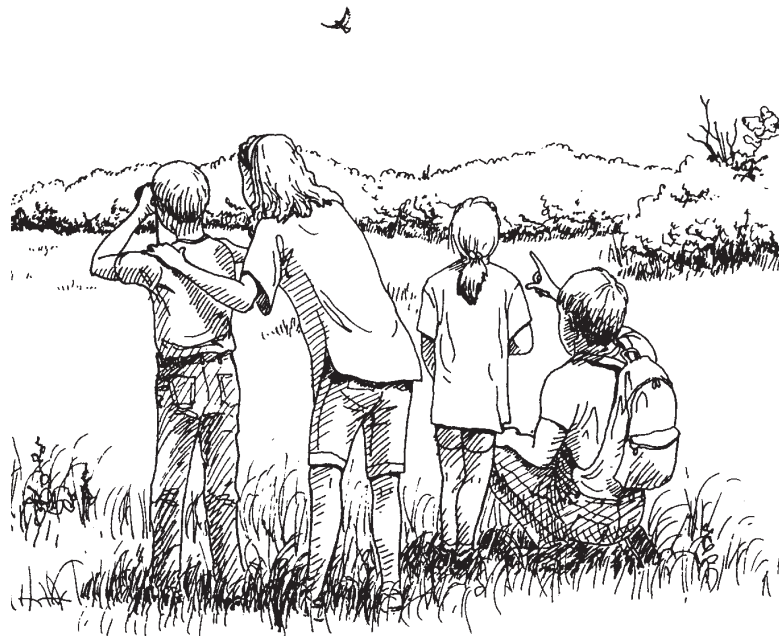
Sp Spring, March-May
S Summer, June-July
F Fall, August-November
W Winter, December-February

a Abundant – Seen in flocks
c Common – Seen, or heard each visit
u Uncommon – Seen, or heard half the visits
o Occasional – Seen, or heard only a few times per season
r Rare – Seen, or heard once in 5 visits
* Denotes species nesting on the refuge

Extremely Rare or Accidental

Eared Grebe
Western Grebe
Glossy Ibis
Cinnamon Teal
Ruddy Shelduck
Fulvous Whistling Duck
White-winged Scoter
Black Scoter
Surf Scoter
Paradise Shelduck
American Swallow-tailed Kite
Mississippi Kite
White Pelican
Ruff
Brambling
Fish crow
Varied Thrush
Black-capped Chickadee
Harris Sparrow
Clay-colored Sparrow
Nelson's Sharp-tailed Sparrow
Whooping Cranes
Laughing Gull
Ross' Goose

**Birdwatching is encouraged.
Please obey posted signs.**



| | Sp | S | F | W |
|---------------------------------|----|---|---|---|
| ___ Common Goldeneye..... | u | | o | |
| ___ Hooded Merganser*..... | u | o | c | o |
| ___ Common Merganser..... | u | | o | u |
| ___ Red-breasted Merganser..... | o | | o | |
| ___ Ruddy Duck..... | u | | u | o |

Hawks and Eagles

| | | | | |
|-------------------------------|---|---|---|---|
| ___ Osprey..... | u | | u | |
| ___ Bald Eagle*..... | o | | o | o |
| ___ Northern Harrier*..... | u | r | u | c |
| ___ Sharp-shinned Hawk..... | u | o | u | u |
| ___ Cooper's Hawk*..... | u | u | u | u |
| ___ Northern Goshawk..... | u | | u | u |
| ___ Red-shouldered Hawk*..... | c | c | c | c |
| ___ Broad-winged Hawk..... | o | | o | |
| ___ Red-tailed Hawk*..... | c | c | c | c |
| ___ Rough-legged Hawk..... | o | | o | o |
| ___ Golden Eagle..... | r | | r | r |

Falcons

| | | | | |
|----------------------------|---|---|---|---|
| ___ American Kestrel*..... | c | c | c | c |
| ___ Merlin..... | u | | u | r |
| ___ Peregrine Falcon..... | u | | u | |

Upland Game Birds

| | | | | |
|-------------------------------|---|---|---|---|
| ___ Ring-necked Pheasant..... | r | r | r | r |
| ___ Ruffed Grouse*..... | r | r | r | r |
| ___ Wild Turkey*..... | c | c | c | c |
| ___ Northern Bobwhite*..... | c | c | c | c |

Rails and Coots

| | | | | |
|--------------------------|---|---|---|---|
| ___ Yellow Rail..... | r | | r | |
| ___ King Rail*..... | o | r | r | |
| ___ Virginia Rail*..... | u | o | u | |
| ___ Sora*..... | u | c | u | |
| ___ Common Moorhen*..... | o | o | o | |
| ___ American Coot*..... | a | o | a | o |

Cranes

| | | | | |
|-------------------------|---|---|---|---|
| ___ Sandhill Crane..... | u | r | u | u |
|-------------------------|---|---|---|---|

Shorebirds

| | | | | |
|-------------------------------|---|---|---|---|
| ___ Black-bellied Plover..... | o | o | o | |
| ___ Semipalmated Plover..... | o | o | u | |
| ___ Killdeer*..... | c | c | c | o |
| ___ Greater Yellowlegs..... | c | c | c | |
| ___ Lesser Yellowlegs..... | c | c | c | |
| ___ Solitary Sandpiper..... | c | c | c | |
| ___ Willet..... | | | u | |
| ___ Spotted Sandpiper*..... | u | o | u | |
| ___ Upland Sandpiper..... | r | r | r | |

Waxwings

| | | | | |
|------------------------|---|---|---|---|
| ___ Cedar Waxwing..... | c | c | c | c |
|------------------------|---|---|---|---|

Warblers

| | | | | |
|---------------------------------------|---|---|---|---|
| ___ Blue-winged Warbler*..... | c | c | c | |
| ___ Golden-winged Warbler..... | r | | r | |
| ___ Tennessee Warbler..... | c | | c | |
| ___ Orange-crowned Warbler..... | r | | r | |
| ___ Nashville Warbler..... | c | | c | |
| ___ Northern Parula*..... | u | u | u | |
| ___ Yellow Warbler*..... | c | c | c | |
| ___ Chestnut-sided Warbler..... | c | | c | |
| ___ Magnolia Warbler..... | c | | c | |
| ___ Cape May Warbler..... | u | | u | |
| ___ Black-throated Blue Warbler..... | u | | u | |
| ___ Yellow-rumped Warbler..... | c | | c | u |
| ___ Black-throated Green Warbler..... | c | | c | |
| ___ Blackburnian Warbler..... | u | | u | |
| ___ Yellow-throated Warbler*..... | c | c | u | |
| ___ Pine Warbler*..... | u | u | u | |
| ___ Prairie Warbler*..... | c | c | u | |
| ___ Palm Warbler..... | c | | c | |
| ___ Bay-breasted Warbler..... | u | | c | |
| ___ Blackpoll Warbler..... | c | | c | |
| ___ Cerulean Warbler*..... | u | u | u | |
| ___ Black-and-white Warbler..... | c | | c | |
| ___ American Redstart*..... | c | c | c | |
| ___ Prothonotary Warbler*..... | c | c | c | |
| ___ Worm-eating Warbler*..... | o | o | o | |
| ___ Ovenbird*..... | c | c | c | |
| ___ Northern Waterthrush..... | r | | r | |
| ___ Louisiana Waterthrush*..... | u | u | u | |
| ___ Kentucky Warbler*..... | c | c | c | |
| ___ Connecticut Warbler..... | o | | o | |
| ___ Mourning Warbler..... | o | | o | |
| ___ Common Yellowthroat*..... | c | c | c | r |
| ___ Hooded Warbler*..... | o | o | o | |
| ___ Wilson's Warbler..... | o | | o | |
| ___ Canada Warbler..... | o | | o | |
| ___ Yellow-breasted Chat*..... | c | c | c | |

Tanagers

| | | | | |
|---------------------------|---|---|---|--|
| ___ Summer Tanager*..... | u | u | u | |
| ___ Scarlet Tanager*..... | c | c | c | |

Sparrows, Buntings and Grosbeaks

| | | | | |
|--------------------------------|---|---|---|---|
| ___ Eastern Towhee*..... | c | c | c | c |
| ___ American Tree Sparrow..... | c | | c | c |
| ___ Chipping Sparrow*..... | c | c | c | |
| ___ Field Sparrow*..... | c | c | c | u |
| ___ Vesper Sparrow..... | u | o | u | o |

| | Sp | S | F | W |
|--------------------------------------|----|---|---|---|
| Hummingbirds | | | | |
| ___ Ruby-throated Hummingbird* | c | c | c | |
| Kingfishers | | | | |
| ___ Belted Kingfisher* | c | c | c | u |
| Woodpeckers | | | | |
| ___ Red-headed Woodpecker* | c | c | c | c |
| ___ Red-bellied Woodpecker* | c | c | c | c |
| ___ Yellow-bellied Sapsucker | u | | u | u |
| ___ Downy Woodpecker* | c | c | c | c |
| ___ Hairy Woodpecker* | c | c | c | c |
| ___ Northern Flicker* | c | c | c | c |
| ___ Pileated Woodpecker* | c | c | c | c |
| Flycatchers | | | | |
| ___ Olive-sided Flycatcher | o | | o | |
| ___ Eastern Wood-Pewee* | c | c | c | |
| ___ Yellow-bellied Flycatcher | u | | u | |
| ___ Acadian Flycatcher* | c | c | c | |
| ___ Willow Flycatcher* | c | c | c | |
| ___ Least Flycatcher* | u | r | u | |
| ___ Eastern Phoebe* | c | c | c | |
| ___ Great Crested Flycatcher* | c | c | c | |
| ___ Eastern Kingbird* | c | c | c | |
| Shrikes | | | | |
| ___ Loggerhead Shrike | r | r | r | r |
| ___ Northern Shrike | | | | r |
| Vireos | | | | |
| ___ White-eyed Vireo* | c | c | c | |
| ___ Bell's Vireo* | r | r | | |
| ___ Yellow-throated Vireo* | c | c | c | |
| ___ Blue-headed Vireo | u | | o | |
| ___ Warbling Vireo* | c | c | c | |
| ___ Philadelphia Vireo | u | | u | |
| ___ Red-eyed Vireo* | c | c | c | |
| Jays, Magpies and Crows | | | | |
| ___ Blue Jay* | a | a | a | a |
| ___ American Crow* | a | a | a | a |
| Larks | | | | |
| ___ Horned Lark* | u | u | u | u |



*American
Kestrel*
Dave Menke,
USFWS

| | Sp | S | F | W |
|--|----|---|---|---|
| Swallows | | | | |
| ___ Purple Martin* | c | c | c | |
| ___ Tree Swallow* | a | a | a | |
| ___ Northern Rough-winged Swallow* | u | u | u | |
| ___ Bank Swallow* | o | o | o | |
| ___ Cliff Swallow* | r | r | r | |
| ___ Barn Swallow* | c | c | c | |

Chickadees and Titmice

| | | | | |
|-------------------------------|---|---|---|---|
| ___ Carolina Chickadee* | a | a | a | a |
| ___ Tufted Titmouse* | a | a | a | a |

Nuthatches

| | | | | |
|------------------------------------|---|---|---|---|
| ___ Red-breasted Nuthatch | u | u | u | u |
| ___ White-breasted Nuthatch* | c | c | c | c |

Creepers

| | | | | |
|-------------------------|---|--|---|---|
| ___ Brown Creeper | u | | u | u |
|-------------------------|---|--|---|---|

Wrens

| | | | | |
|--------------------------|---|---|---|---|
| ___ Carolina Wren* | c | c | c | c |
| ___ Bewick's Wren* | r | r | r | |
| ___ House Wren* | c | c | u | |
| ___ Winter Wren | u | | u | u |
| ___ Sedge Wren* | c | c | c | |
| ___ Marsh Wren | u | r | u | |

Kinglets, Bluebirds, and Thrushes

| | | | | |
|----------------------------------|---|---|---|---|
| ___ Golden-crowned Kinglet | c | | c | u |
| ___ Ruby-crowned Kinglet | c | | c | u |
| ___ Blue-gray Gnatcatcher* | c | c | c | |
| ___ Eastern Bluebird* | c | c | c | c |
| ___ Veery | u | | u | |
| ___ Gray-cheeked Thrush | u | | u | |
| ___ Swainson's Thrush | c | | c | |
| ___ Hermit Thrush | c | | c | o |
| ___ Wood Thrush* | c | c | c | |
| ___ American Robin* | a | a | a | a |

Mimics

| | | | | |
|---------------------------------|---|---|---|---|
| ___ Gray Catbird* | c | c | c | |
| ___ Northern Mockingbird* | c | c | c | u |
| ___ Brown Thrasher* | c | c | c | r |

Starlings

| | | | | |
|------------------------------|---|---|---|---|
| ___ European Starling* | a | a | a | a |
|------------------------------|---|---|---|---|

Pipits

| | | | | |
|--------------------------|---|--|---|---|
| ___ American Pipit | o | | u | o |
|--------------------------|---|--|---|---|

Sp S F W

| | Sp | S | F | W |
|----------------------------------|----|---|---|---|
| ___ Ruddy Turnstone | r | r | r | r |
| ___ Semipalmated Sandpiper | u | u | u | u |
| ___ Western Sandpiper | o | o | o | |
| ___ Least Sandpiper | u | o | c | |
| ___ White-rumped Sandpiper | o | r | r | |
| ___ Baird's Sandpiper | o | r | o | |
| ___ Pectoral Sandpiper | c | c | c | |
| ___ Dunlin | c | c | c | |
| ___ Stilt Sandpiper | u | u | u | |
| ___ Short-billed Dowitcher | u | o | o | |
| ___ Long-billed Dowitcher | r | r | r | |
| ___ Common Snipe | c | c | c | u |
| ___ American Woodcock* | c | u | u | o |
| ___ Wilson's Phalarope | u | u | u | |

Gulls and Terns

| | | | | |
|----------------------------|---|---|---|---|
| ___ Franklin's Gull | | | r | r |
| ___ Bonaparte's Gull | r | | r | |
| ___ Ring-billed Gull | o | r | o | r |
| ___ Herring Gull | r | | r | |
| ___ Caspian Tern | o | | o | |
| ___ Common Tern | o | | o | |
| ___ Forster's Tern | o | | o | |
| ___ Least Tern | r | | r | |
| ___ Black Tern | r | | r | |

Doves

| | | | | |
|--------------------------|---|---|---|---|
| ___ Rock Dove | u | u | u | u |
| ___ Mourning Dove* | a | a | a | a |

Cuckoos

| | | | | |
|---------------------------------|---|---|---|--|
| ___ Black-billed Cuckoo* | o | o | u | |
| ___ Yellow-billed Cuckoo* | u | c | c | |

Owls

| | | | | |
|---------------------------------|---|---|---|---|
| ___ Barn Owl | r | r | r | r |
| ___ Eastern Screech-Owl* | c | c | c | c |
| ___ Great Horned Owl* | c | c | c | c |
| ___ Barred Owl* | c | c | c | c |
| ___ Long-eared Owl | r | | | r |
| ___ Short-eared Owl | o | | o | o |
| ___ Northern Saw-whet Owl | r | | r | r |

Nighthawks and Nightjars

| | | | | |
|-------------------------------|---|---|---|--|
| ___ Common Nighthawk* | u | a | u | |
| ___ Chuck-will's-widow* | r | r | | |
| ___ Whip-poor-will* | r | u | r | |

Swifts

| | | | | |
|--------------------------|---|---|---|--|
| ___ Chimney Swift* | c | c | c | |
|--------------------------|---|---|---|--|

| | | | | |
|-----------------------------------|---|---|---|---|
| ___ Savannah Sparrow* | c | o | c | r |
| ___ Grasshopper Sparrow* | o | o | o | |
| ___ Henslow's Sparrow* | o | o | r | |
| ___ Le Conte's Sparrow | r | | r | |
| ___ Nelson's Sharp-tailed Sparrow | r | r | r | |
| ___ Fox Sparrow | c | | c | c |
| ___ Song Sparrow* | c | c | c | c |
| ___ Lincoln's Sparrow | c | | c | r |
| ___ Swamp Sparrow | c | | c | c |
| ___ White-throated Sparrow | c | | c | c |
| ___ White-crowned Sparrow | c | | c | c |
| ___ Dark-eyed Junco | c | | c | c |
| ___ Lapland Longspur | | | r | |
| ___ Snow Bunting | | | r | |
| ___ Northern Cardinal* | a | a | a | a |
| ___ Rose-breasted Grosbeak | c | o | c | |
| ___ Blue Grosbeak* | u | u | u | |
| ___ Indigo Bunting* | a | a | a | |
| ___ Dickcissel* | r | r | r | |

Blackbirds and Orioles

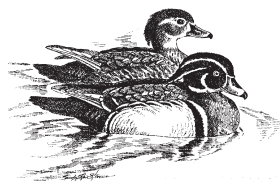
| | | | | |
|---------------------------|---|---|---|---|
| ___ Bobolink | o | | r | |
| ___ Red-winged Blackbird* | a | a | a | u |
| ___ Eastern Meadowlark* | a | a | a | u |
| ___ Rusty Blackbird | u | | u | u |
| ___ Brewer's Blackbird | r | | r | |
| ___ Common Grackle* | a | a | a | u |
| ___ Brown-headed Cowbird* | a | a | c | u |
| ___ Orchard Oriole* | c | c | c | |
| ___ Baltimore Oriole* | c | c | c | |

Finches

| | | | | |
|----------------------------|---|---|---|---|
| ___ Purple Finch | c | | c | c |
| ___ House Finch* | c | c | c | c |
| ___ Red Crossbill | | | r | |
| ___ White-winged Crossbill | | | r | |
| ___ Common Redpoll | | | r | |
| ___ Pine Siskin | u | | u | u |
| ___ American Goldfinch* | c | c | c | c |
| ___ Evening Grosbeak | r | | r | |

Old World Sparrows

| | | | | |
|--------------------|---|---|---|---|
| ___ House Sparrow* | c | c | c | c |
|--------------------|---|---|---|---|



Loons

| | | | | |
|-----------------|---|---|---|---|
| ___ Common Loon | o | r | o | o |
|-----------------|---|---|---|---|

Grebes

| | | | | |
|------------------------|---|---|---|---|
| ___ Pied-billed Grebe* | c | u | c | o |
| ___ Horned Grebe | o | | o | |
| ___ Red-necked Grebe | r | | | |

Cormorants

| | | | | |
|------------------------------|---|---|---|---|
| ___ Double-crested Cormorant | c | o | c | r |
|------------------------------|---|---|---|---|

Hérons and Bitterns

| | | | | |
|---------------------------------|---|---|---|---|
| ___ American Bittern | o | | o | |
| ___ Least Bittern* | o | o | o | |
| ___ Great Blue Heron* | c | c | c | u |
| ___ Great Egret | u | u | u | |
| ___ Snowy Egret | r | r | r | |
| ___ Little Blue Heron | o | o | o | |
| ___ Tricolored Heron | | r | r | |
| ___ Cattle Egret | r | | r | |
| ___ Green Heron* | c | c | u | |
| ___ Black-crowned Night-Heron* | u | u | u | |
| ___ Yellow-crowned Night-Heron* | r | r | r | |

Vultures

| | | | | |
|---------------------|---|---|---|---|
| ___ Black Vulture | o | o | o | o |
| ___ Turkey Vulture* | c | c | c | o |

Swans, Geese and Ducks

| | | | | |
|---------------------------------|---|---|---|---|
| ___ Greater White-fronted Goose | | | | r |
| ___ Snow Goose | | | | r |
| ___ Canada Goose* | a | a | a | a |
| ___ Mute Swan | o | | o | o |
| ___ Tundra Swan | o | | o | o |
| ___ Trumpeter Swan | | | | r |
| ___ Wood Duck* | a | a | a | c |
| ___ Gadwall | c | o | c | r |
| ___ American Wigeon | c | | c | o |
| ___ American Black Duck | c | r | c | u |
| ___ Mallard* | a | c | a | a |
| ___ Blue-winged Teal* | c | u | c | o |
| ___ Northern Shoveler | c | | c | o |
| ___ Northern Pintail | u | | u | r |
| ___ Green-winged Teal | c | | u | r |
| ___ Canvasback | o | | o | r |
| ___ Redhead | u | | u | o |
| ___ Ring-necked Duck | a | | a | u |
| ___ Greater Scaup | o | | o | r |
| ___ Lesser Scaup | c | | c | u |
| ___ Oldsquaw | r | | | r |
| ___ Bufflehead | u | | c | u |