

Pondicherry Mammal Checklist

The Pondicherry National Wildlife Refuge in Jefferson, Whitefield and Carroll, New Hampshire supports a wide variety of wild mammals ranging in size from bats to moose. The diversity and quality of habitat is an important factor in the wildlife that are present. Additional survey work is desirable for many of the mammals.

Bats - Mammals That Fly:

The presence and health of the bat population at Pondicherry is unclear as of 2016. The outbreak of White-nose Syndrome (WNS) has killed off millions of bats in North America including many in a nearby hibernaculum. We have identified an urgent need to conduct additional bat surveys to confirm the presence of species previously known to occur at Pondicherry. The following were confirmed as a result of recent surveys in the 2016 CCP page A-512.

Common Name	Scientific Name	Present
Little Brown Bat	<i>Myotis lucifugus</i>	Y
Northern Long-eared Myotis	<i>Myotis septentrionalis</i>	?
Small-footed Myotis	<i>Myotis leibii</i>	?
Silver-haired Bat (Migrant)	<i>Lasionycteris noctivagans</i>	Y
Big Brown Bat	<i>Eptesicus fuscus</i>	Y
Eastern Red Bat (Migrant)	<i>Lasirus borealis</i>	Y
Hoary Bat (Migrant)	<i>Lasirus cinereus</i>	Y
Eastern Pipistrelle	<i>Pipistrellus subflavus</i>	?

Shrews, Moles, Mice, Voles and Lemmings:

These species are predicted to occur at Pondicherry based on a survey of scientific literature but a small mammal survey is urgently needed to confirm presence or absence.

Common Name	Scientific Name	Present
Masked Shrew	<i>Sorex cinereus</i>	?
Water Shrew	<i>Sorex palustris</i>	?
Smoky Shrew	<i>Sorex fumeus</i>	?
Long-tailed Shrew	<i>Sorex dispar</i>	?
Pygmy Shrew	<i>Sorex hoyi</i>	?
Short-tailed Shrew	<i>Blarina brevicauda</i>	?
Hairy-tailed Mole	<i>Parascalops breweri</i>	?
Star-nosed Mole	<i>Condylura cristata</i>	Y
Deer Mouse	<i>Peromyscus maniculatus</i>	?
White-footed Mouse	<i>Peromyscus leucopus</i>	Y
Meadow Jumping Mouse	<i>Zapus hudsonius</i>	?
Woodland Jumping Mouse	<i>Napaeozapus insignis</i>	?
House Mouse	<i>Mus musculus</i>	Y
Norway Rat	<i>Rattus norvegicus</i>	Y
Southern Red-backed Vole	<i>Clethrionomys gapperi</i>	?
Meadow Vole	<i>Microtus pennsylvanicus</i>	Y
Rock Vole	<i>Microtus chrotorrinhus</i>	?
Southern Bog Lemming	<i>Synaptomys cooperi</i>	?
Northern Bog Lemming	<i>Synaptomys borealis</i>	?

Chipmunks and Squirrels:

Common Name	Scientific Name	Present	Notes
Eastern Chipmunk	<i>Tamias striatus</i>	Y	Common
Gray Squirrel	<i>Sciurus carolineus</i>	Y	Uncommon, uplands.
Red Squirrel	<i>Tamiasciurus hudsonicus</i>	Y	Common
Northern Flying Squirrel	<i>Glaucomys sabrinus</i>	?	Unknown Status
Southern Flying Squirrel	<i>Glaucomys volans</i>	Y	Common

Other Mammals:

Common Name	Scientific Name	Present	Notes
Snowshoe Hare	<i>Lepus americana</i>	Y	Common
Woodchuck	<i>Marmota monax</i>	Y	Uncommon
Beaver	<i>Castor Canadensis</i>	Y	Common
Muskrat	<i>Ondatra zibethicus</i>	Y	Common
River Otter	<i>Lutra Canadensis</i>	Y	Common
American Marten (Note 1)	<i>Martes Americana</i>	Y	Uncommon
Fisher	<i>Martes pennanti</i>	Y	Uncommon
Short-tailed Weasel (Ermine)	<i>Mustela erminea</i>	Y	Uncommon
Long-tailed Weasel	<i>Mustela frenata</i>	Y	Uncommon
Mink	<i>Mustela vison</i>	Y	Uncommon
Raccoon	<i>Procyon lotor</i>	Y	Common
Striped Skunk	<i>Mephitis mephitis</i>	Y	Uncommon
Porcupine	<i>Erethizon dorsatum</i>	Y	Common
Eastern Coyote/Coywolf (Note 2)	<i>Canis latrans x lycaon</i>	Y	Common
Red Fox	<i>Vulpes vulpes</i>	Y	Common
Gray Fox	<i>Urocyon cinereoargenteus</i>	Y	Uncommon
Bobcat	<i>Felis rufus</i>	Y	Uncommon
Canada Lynx (Note 1)	<i>Felis lynx</i>	Y	Rare
Black Bear	<i>Ursus Americana</i>	Y	Common
White-tailed Deer	<i>Odocoileus virginianus</i>	Y	Common
Moose	<i>Alces alces</i>	Y	Common

Note 1: American Marten and Canada Lynx do not have a breeding population at Pondicherry.

Note 2: Current genetic research has found that the heritage of the Eastern Coyote contains a significant amount of Red Wolf (*Canis rufus*) DNA and we will use both common names and the hybrid designation “x lycaon” in this document to describe this animal until a decision is made on a species name.

We urgently need additional wildlife surveys at Pondicherry to document the presence of bats and small mammals. Contact David.Govatski@gmail.com who will provide contact information for the US Fish and Wildlife Service for permits to conduct the research.

David Govatski
Friends of Pondicherry
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