

Mammals of Queen’s University Biological Station

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August 2010

This list contains 55 species of mammals (class Mammalia) which occur, have been extirpated or are unconfirmed but are likely to be found at Queen’s University Biological Station (N44°33’ W76 °19’). We expect this list to be useful as a reference for the area surrounding QUBS but it is intended to focus on the station properties themselves.

For each species we give a status which is primarily based on previous research at QUBS as well as our own observations. Status definitions are as follows:

- Abundant** – extremely numerous, nearly impossible to miss even to the casual observer.
- Common** – observed regularly and in good numbers.
- Uncommon** – requires some effort to locate and may be missed on some outings.
- Rare** – either of very local distribution at QUBS or represented by limited observations.
- Hypothetical** – this species has not been recorded at QUBS but it is expected to occur. Please report any species in this category (see below).
- Extirpated** – formerly occurred at QUBS, but no longer.

Please report errors, omission, sightings information (especially of rare and hypothetical species) and suggested status changes to Mark Andrew Conboy (7mc19@queens.u.ca).



Figure 1. American black bear (*Ursus americanus*) is the largest carnivore at QUBS. Photo: Philina English.



Figure 2. Snowshoe hare (*Lepus americanus*) numbers fluctuate from year to year. In some years they are abundant while in others they are very rare. Photo: Mark Andrew Conboy

Shrews

Masked Shrew
Smoky Shrew
Pygmy Shrew
Water Shrew
Northern Short-tailed Shrew

Soricidae

Sorex cinereus
Sorex fumeus
Sorex hoyi
Sorex palustris
Sorex brevicauda

Uncommon
Uncommon
Rare (accidental)
Rare
Common

Moles

Hairy-tailed Mole
Star-nosed Mole

Talpidae

Parascalops breweri
Condylura cristata

Common
Uncommon

Bats	Vespertilionidae	
Eastern Small-footed Bat	<i>Myotis leibii</i>	Uncommon
Little Brown Bat	<i>Myotis lucifugus</i>	Common
Northern long-eared Bat	<i>Myotis septentrionalis</i>	Uncommon
Eastern Red Bat	<i>Lasiurus borealis</i>	Rare
Hoary Bat	<i>Lasiurus cinereus</i>	Undetermined
Silver-haired Bat	<i>Lasionycteris noctivagans</i>	Undetermined
Eastern Pipistrelle	<i>Pipistrellus subflavus</i>	Uncommon
Big Brown Bat	<i>Eptesicus fuscus</i>	Common

Lagomorphs	Leporidae	
Eastern Cottontail	<i>Sylvilagus floridanus</i>	Uncommon
Snowshoe Hare	<i>Lepus americanus</i>	Common (numbers can fluctuate from year to year)

Squirrels	Sciuridae	
Eastern Chipmunk	<i>Tamias striatus</i>	Abundant (somewhat cyclic)
Woodchuck	<i>Marmota monax</i>	Common
Eastern Grey Squirrel	<i>Sciurus carolinensis</i>	Common
North American Red Squirrel	<i>Tamiasciurus hudsonicus</i>	Common
Northern Flying Squirrel	<i>Glaucomys sabrinus</i>	Common
Southern Flying Squirrel	<i>Glaucomys volans</i>	Hypothetical

Beavers	Castoridae	
North American Beaver	<i>Castor canadensis</i>	Common

Mice & Rats	Muridae	
White-footed Mouse	<i>Peromyscus leucopus</i>	Common
Deer Mouse	<i>Peromyscus maniculatus</i>	Abundant
Southern Red-backed Vole	<i>Clethrionomys gapperi</i>	Uncommon (local in bogs)
Meadow Vole	<i>Microtus pennsylvanicus</i>	Common
Muskrat	<i>Ondatra zibethicus</i>	Common
Southern Bog Lemming	<i>Synaptomys cooperi</i>	Hypothetical
House Mouse	<i>Mus musculus</i>	Common (local in towns)
Norway Rat	<i>Rattus norvegicus</i>	Common (local in dumps and towns)

Jumping Mice	Dipodidae	
Woodland Jumping Mouse	<i>Napaeozapus insignis</i>	Rare
Meadow Jumping Mouse	<i>Zapus hudsonius</i>	Uncommon

Porcupines	Erethizontidae	
Common Porcupine	<i>Erethizon dorsatum</i>	Common

Dogs	Canidae	
Coyote	<i>Canis latrans</i>	Common
Grey Wolf	<i>Canis lupus</i>	Extirpated
Red Fox	<i>Vulpes vulpes</i>	Common
Common Grey Fox	<i>Urocyon cinereoargenteus</i>	Hypothetical
Bears	Ursidae	
American Black Bear	<i>Ursus americanus</i>	Uncommon
Raccoons & Allies	Procyonidae	
Northern Raccoon	<i>Procyon lotor</i>	Common
Mustelids	Mustelidae	
American Marten	<i>Martes americana</i>	Rare
Fisher	<i>Martes pennanti</i>	Common
Ermine	<i>Mustela erminea</i>	Common
Long-tailed Weasel	<i>Mustela frenata</i>	Uncommon
American Mink	<i>Mustela vison</i>	Common
Northern River Otter	<i>Lutra canadensis</i>	Common
Skunks	Mephitidae	
Striped Skunk	<i>Mephitis mephitis</i>	Uncommon
Cats	Felidae	
Canada Lynx	<i>Lynx canadensis</i>	Hypothetical
Bobcat	<i>Lynx rufus</i>	Rare
Cougar	<i>Felis concolor</i>	Extirpated
Deer	Cervidae	
Elk	<i>Cervus elaphus</i>	Rare (1 record)
White-tailed Deer	<i>Odocoileus virginianus</i>	Common
Moose	<i>Alces alces</i>	Rare (accidental)
Hominids	Hominidae	
Human	<i>Homo sapiens</i>	Common