

MAMMALS OF THE KOFFLER SCIENTIFIC RESERVE AT JOKERS HILL
King Township, Regional Municipality of York
(second edition)

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The first edition of this list was compiled by C. Sean Blaney and was published as an appendix to his M.Sc. thesis (Blaney C.S. 1999. Seed bank dynamics of native and exotic plants in open uplands of southern Ontario. University of Toronto. <https://tspace.library.utoronto.ca/handle/1807/14382/>). It subsequently was formatted for the web by P.M. Kotanen and made available on the Koffler Scientific Reserve website (<http://ksr.utoronto.ca/>), where it was revised periodically to reflect additions and taxonomic changes. This second edition represents a major revision reflecting recent phylogenetic and nomenclatural changes and adding additional species; it will be updated periodically.

This property was donated to the University of Toronto in 1995. This list is based on observations at this site by C.S. Blaney, P.M. Kotanen, and others beginning in 1997, supplemented with observations by property manager W. Fox between 1971 and 1998. Expert assistance and was provided by M. Engstrom (Royal Ontario Museum), while M. Havelka (University of Toronto) added several new species in 2004 using live traps and a bat detector. Phylogenetic classification and scientific and English nomenclature follow the American Society of Mammalogists (ASM) Mammals Diversity Database (<https://mammaldiversity.org/>), with minor corrections.

This list includes all wild mammals observed within the Koffler Scientific Reserve during the observation period. Of the 31 species listed, 28 are considered locally native, while three (House Mouse, Norway Rat, and European Hare) are introduced. Some listed species may have been temporarily established (European Hare) or transient (Northern River Otter). Other difficult-to-observe species (especially bats) likely occur on-site, while species currently absent but occurring regionally (Black Bear) likely historically were present. Information on any additional species (preferably with photographs) would be welcomed by the authors.

DIDELPHIMORPHIA**Didelphidae**

Didelphis virginiana Kerr

RODENTIA**Sciuridae**

Glaucomys sp. (Linnaeus)
Marmota monax (Linnaeus)
Sciurus carolinensis Gmelin
Tamiasciurus hudsonicus (Erxleben)
Tamias striatus (Linnaeus)

Castoridae

Castor canadensis Kuhl

Dipodidae

Napaeozapus insignis (Miller)
Zapus hudsonius (Zimmermann)

Cricetidae

Microtus pennsylvanicus (Ord)
Ondatra zibethicus (Linnaeus)
Peromyscus leucopus (Rafinesque)

Muridae

Mus musculus Linnaeus
Rattus norvegicus (Berkenhout)

Erethizontidae

Erethizon dorsatum (Linnaeus)

LAGOMORPHA**Leporidae**

Lepus europaeus Pallas
Sylvilagus floridanus (J.A. Allen)

SORICOMORPHA**Soricidae**

Blarina brevicauda (Say)
Sorex cinereus Kerr
Sorex hoyi Baird

Talpidae

Condylura cristata (Linnaeus)

Opossums**(American Opossums)**

Virginia Opossum

Rodents**(Squirrels)**

Flying Squirrel sp.
Woodchuck
Gray Squirrel
Red Squirrel
Eastern Chipmunk

(Beavers)

American Beaver

(Jumping Mice)

Woodland Jumping Mouse
Meadow Jumping Mouse

(New World Mice & Rats)

Meadow Vole
Muskrat
White-footed Mouse

(Old World Mice & Rats)

House Mouse
Norway Rat

(New World Porcupines)

Porcupine

Rabbits & Hares**(Hares)**

European Hare
Eastern Cottontail

Shrews**(Shrews)**

Short-tailed Shrew
Masked Shrew
Pygmy Shrew

(Moles)

Star-nosed Mole

CHIROPTERA

Vespertilionidae

Eptesicus fuscus (Beauvois)

Myotis lucifugus (Le Conte)

CARNIVORA

Canidae

Canis latrans (Say)

Vulpes vulpes (Linnaeus)

Mustelidae

Lontra canadensis (Schreber)

Mustela erminea (Linnaeus)

Neovison vison (Schreber)

Mephitidae

Mephitis mephitis (Schreber)

Procyonidae

Procyon lotor (Linnaeus)

ARTIODACTYLA

Cervidae

Odocoileus virginianus (Zimmermann)

Bats

(Vespertilionid Bats)

Big Brown Bat

Little Brown Bat

Carnivores

(Dogs)

Coyote

Red Fox

(Weasels & Otters)

Northern River Otter

Ermine

Mink

(Skunks)

Striped Skunk

(Raccoons)

Raccoon

Deer

(Deer)

White-tailed Deer
