

**FIELD CHECKLIST OF 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	Opossums
Didelphidae	(American Opossums)
— <i>Didelphis virginiana</i>	Virginia Opossum
RODENTIA	Rodents
Sciuridae	(Squirrels)
— <i>Glaucmys</i> sp.	Flying Squirrel sp.
— <i>Marmota monax</i>	Woodchuck
— <i>Sciurus carolinensis</i>	Gray Squirrel
— <i>Tamiasciurus hudsonicus</i>	Red Squirrel
— <i>Tamias striatus</i>	Eastern Chipmunk
Castoridae	(Beavers)
— <i>Castor canadensis</i>	American Beaver
Dipodidae	(Jumping Mice)
— <i>Napaeozapus insignis</i>	Woodland Jumping
Mouse	
— <i>Zapus hudsonius</i>	Meadow Jumping Mouse
Cricetidae	(New World Mice & Rats)
— <i>Microtus pennsylvanicus</i>	Meadow Vole
— <i>Ondatra zibethicus</i>	Muskrat
— <i>Peromyscus leucopus</i>	White-footed Mouse
Muridae	(Old World Mice & Rats)
— <i>Mus musculus</i>	House Mouse
— <i>Rattus norvegicus</i>	Norway Rat
Erethizontidae	(New World Porcupines)
— <i>Erethizon dorsatum</i>	Porcupine
LAGOMORPHA	Rabbits & Hares
Leporidae	(Hares)
— <i>Lepus europaeus</i>	European Hare
— <i>Sylvilagus floridanus</i>	Eastern Cottontail
SORICOMORPHA	Shrews
Soricidae	(Shrews)
— <i>Blarina brevicauda</i>	Short-tailed Shrew
— <i>Sorex cinereus</i>	Masked Shrew
— <i>Sorex hoyi</i>	Pygmy Shrew
Talpidae	(Moles)
— <i>Condylura cristata</i>	Star-nosed Mole
CHIROPTERA	Bats
Vespertilionidae	(Vespertilionid Bats)
— <i>Eptesicus fuscus</i>	Big Brown Bat
— <i>Myotis lucifugus</i>	Little Brown Bat

CARNIVORA**Canidae**

— *Canis latrans*
— *Vulpes vulpes*

Mustelidae

— *Lontra canadensis*
— *Mustela erminea*
— *Neovison vison*

Mephitidae

— *Mephitis mephitis*

Procyonidae

— *Procyon lotor*

ARTIODACTYLA**Cervidae**

— *Odocoileus virginianus*

Carnivores**(Dogs)**

Coyote
Red Fox

(Weasels & Otters)

Northern River Otter
Ermine
Mink

(Skunks)

Striped Skunk

(Raccoons)

Raccoon

Deer**(Deer)**

White-tailed Deer