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List of Mammals Known To Occur in Belize¹

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ABSTRACT

A list of mammals known to occur in Belize was compiled by a search of the literature, by consulting persons who are working in Belize, and by collecting during the summers of 1972 and 1973. A total of 89 species is reported for this country, including representatives of 11 orders and 28 families.

THE MAMMALIAN FAUNA of Belize (formerly British Honduras) is not well known. The following list includes mammalian species for which there are published records of specimens collected in Belize. Published references that include Belize in a mammal's range without citing specimens are generally omitted,

although sight records are included for certain species reported by competent observers when Belize fell within the probable range of the species. Marine mammals known to occur in Belizean waters of the Caribbean Sea are not included in this list.

LIST OF MAMMALS

Taxon	Evidence	Common name ²
MARSUPIALIA — Marsupials		
Didelphidae — Opossums		
<i>Didelphis marsupialis cauae</i> Allen	13, 17, 26	Opossum
<i>Didelphis virginiana yucatanensis</i> Allen	14	Opossum
<i>Metachirops opossum pallidus</i> (J. A. Allen)	4, 13, 17, 19, 26	Four-eyed opossum
<i>Marmosa alstoni nicaraguae</i> Thomas	17	Alston's opossum
<i>Marmosa robinsoni ruatanica</i> Goldman	13, 17	South American mouse-opossum
<i>Marmosa mexicana mayensis</i> Osgood	13, 17, 19	Mexican mouse-opossum
<i>Caluromys derbianus fervidus</i> (Thomas)	13, 17	Woolly opossum
INSECTIVORA — Insectivores		
Soricidae — Shrews		
<i>Cryptotis parva tropicalis</i> (Merriam)	8, 13, 26	Guatemalan least shrew
<i>Cryptotis nigrescens mayensis</i> (Merriam)	8, 26, 30	Yucatan small-eared shrew
CHIROPTERA — Bats		
Emballonuridae — Sac-winged Bats		
<i>Rhynchonycteris naso</i> (Wied-Neuwied)	13, 26, 34	Brazilian long-nosed bat
<i>Saccopteryx bilineata</i> (Temminck)	13, 17, 34	Greater white-lined bat
<i>Peropteryx macrotis macrotis</i> (Wagner)	12, 17	Lesser doglike bat
<i>Centronycteris maximiliani centralis</i> Thomas	17, 35, 39	Thomas' bat
<i>Balantiopteryx io</i> Thomas		Thomas' sac-winged bat
(collected by Edwin J. Spicka and senior author in 1972, by both authors in 1973)		
Mormoopidae — Leaf-chinned Bats		
<i>Pteronotus parnellii mesoamericanus</i> J. D. Smith	17, 37	Parnell's mustache bat

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² Most common names are from: Hall, E. R., and K. R. Kelson 1959. The Mammals of North America, 2 vols. xxx+1,083 pp. Ronald Press Co.

<i>Pteronotus davyi</i> Gray	13	Davy's naked-backed bat
Phyllostomidae — American Leaf-nosed Bats		
<i>Tonatia minuta</i> Goodwin	13	Pygmy round-eared bat
<i>Tonatia sylvicola sylvicola</i> (D'Orbigny)	5, 13, 16, 35	D'Orbigny's round-eared bat
<i>Trachops cirrhosus coffini</i> Goldman	17, 35, 39	Fringe-lipped bat
<i>Glossophaga soricina leachii</i> (Gray)	13, 39	Pallas' long-tongued bat
<i>Carollia brevicauda</i> (Schinz)	31	Short-tailed bat
<i>Carollia perspicillata</i> (Linnaeus)	13, 17, 31	Seba's short-tailed bat
<i>Sturnira lilium parvidens</i> Goldman	13	Yellow-shouldered bat
<i>Uroderma bilobatum molaris</i> (W. B. Davis)	9, 13	Tent-making bat
<i>Vampyressa pusilla thylene</i> Thomas	28	Yellow-eared bat
<i>Artibeus jamaicensis yucatanicus</i> J. A. Allen	2, 11, 13, 14, 26	Jamaican fruit-eating bat
<i>Artibeus lituratus palmarum</i> J. A. Allen and Chapman	13, 17	Big fruit-eating bat
<i>Artibeus phaeotis phaeotis</i> (Miller)	2, 10, 13	Gervais' fruit-eating bat
<i>Artibeus watsoni</i> Thomas	10	Watson's fruit-eating bat
Desmodontidae — Vampire Bats		
<i>Desmodus rotundus murinus</i> Wagner	13, 17	Vampire bat
Thyropteridae — Disk-winged Bats		
<i>Thyroptera tricolor albigula</i> G. M. Allen	35	Spix's disk-winged bat
Vespertilionidae — Vespertilionid Bats		
<i>Myotis keaysi pilosatibialis</i> LaVal	17, 21	Myotis
<i>Eptesicus furinalis gaumeri</i> (J. A. Allen)	13	Tropical brown bat
<i>Rhogeessa tumida</i> H. Allen	22	Little yellow bat
Molossidae — Free-tailed Bats		
<i>Tadarida laticaudata yucatanica</i> (Miller)	26	Yucatan free-tailed bat
<i>Molossus ater</i> Geoffroy	26	Red mastiff bat
<i>Molossus sinaloae</i> J. A. Allen	13, 17	Allen's mastiff bat
<i>Molossus molossus aztecus</i> Saussure	13, 26	Little mastiff bat
PRIMATES — Monkeys		
Cebidae — Howlers and Spider Monkeys		
<i>Alouatta pigra</i> Lawrence	13, 24, 36	Black howler monkey
<i>Ateles geoffroyi</i> Hasselt and Kuhl	7	Geoffroy's spider monkey
EDENTATA — Anteaters and Armadillos		
Myrmecophagidae — Anteaters		
<i>Myrmecophaga tridactyla centralis</i> Lyon	1	Giant anteater
<i>Tamandua tetradactyla mexicana</i> (Saussure)	1, 13, 17, 19, 26	Tamandua
<i>Cyclopes didactylus mexicanus</i> Hollister	13, 18	Two-toed anteater
Dasypodidae — Armadillos		
<i>Dasybus novemcinctus mexicanus</i> Peters	13, 14, 17, 19, 26	Nine-banded armadillo
LAGOMORPHA — Rabbits		
Leporidae — Rabbits		
<i>Sylvilagus floridanus</i> (Bachman) (observed by Dora Weyer, AUIE)		Eastern cottontail
<i>Sylvilagus brasiliensis</i> (Linnaeus) (observed by Dora Weyer, AUIE)		Forest rabbit
RODENTIA — Rodents		
Sciuridae — Squirrels		
<i>Sciurus yucatanensis yucatanensis</i> J. A. Allen	13, 14, 26, 27	Yucatan squirrel
<i>Sciurus variegatoides</i> Ogilby	13, 20	Variegated squirrel
<i>Sciurus deppei vivax</i> Nelson	13, 14, 19, 26	Deppe's squirrel
<i>Glaucomys volans</i> (Linnaeus) (observed by Lucillo Sosa, Ministry of Trade and Industry, Belmopan, Belize)		Southern flying squirrel

Geomyidae — Pocket Gophers		
<i>Orthogeomys hispidus cayoensis</i> (Burt)	3, 13, 26, 33	Hispid pocket gopher
<i>Orthogeomys hispidus yucatanensis</i> (Nelson and Goldman)	14, 20	Hispid pocket gopher
Heteromyidae — Heteromyids		
<i>Heteromys desmarestianus</i> Gray	13, 19, 20, 26	Desmarest's spiny pocket mouse
Cricetidae — New World Rats and Mice		
<i>Oryzomys palustris pinicola</i> A. Murie	13, 19, 25, 26	Coues' rice rat
<i>Oryzomys melanotis</i> Thomas	13	Black-eared rice rat
<i>Oryzomys alfaroi alfaroi</i> (J. A. Allen)	13, 19, 20, 26	Alfaro's rice rat
<i>Oryzomys fulvescens mayensis</i> Goldman (collected by John C. Brier in 1973)		Pygmy rice rat
<i>Tylomys nudicaudus nudicaudus</i> (Peters)	13, 19, 20, 26	Peters' climbing rat
<i>Ototylomys phyllotis phyllotis</i> Merriam	13, 19, 20, 23	Big-eared climbing rat
<i>Nyctomys sumichrasti decolorus</i> (True)	13, 19	Sumichrast's vesper rat
<i>Otonyctomys batti</i> Anthony	29	Yucatan vesper rat
<i>Reithrodontomys gracilis gracilis</i> J. A. Allen and Chapman	13, 26	Slender harvest mouse
<i>Sigmodon hispidus furvus</i> Bangs	20	Hispid cotton rat
<i>Sigmodon hispidus saturatus</i> V. Bailey	13, 26	Hispid cotton rat
Muridae — Old World Rats and Mice		
<i>Rattus rattus</i> (Linnaeus)	13, 26	Black rat
<i>Rattus norvegicus</i> (Berkenhout) (observed by Dora Weyer, AUIE)		Norway rat
<i>Mus musculus</i> Linnaeus	26	House mouse
Erethizontidae — New World Porcupines		
<i>Coendou mexicanus yucataniae</i> Thomas	13, 19	Mexican porcupine
Dasyproctidae — Agoutis and Pacas		
<i>Agouti paca nelsoni</i> Goldman	13, 19, 20, 26	Paca
<i>Dasyprocta punctata richmondi</i> Goldman	20	Agouti
<i>Dasyprocta punctata yucatanica</i> Goldman	13, 19, 26	Agouti
CARNIVORA — Carnivores		
Canidae — Foxes		
<i>Urocyon cinereoargenteus fraterculus</i> Elliot	13, 17, 19	Gray fox
Procyonidae — Raccoons and Allies		
<i>Bassariscus sumichrasti campechensis</i> (Nelson and Goldman)	14	Cacomistle
<i>Bassariscus sumichrasti variabilis</i> (Peters)	17	Cacomistle
<i>Procyon lotor shufeldtii</i> Nelson and Goldman	15, 17, 26	Raccoon
<i>Nasua nasua narica</i> (Linnaeus)	13, 17, 19, 26	Coati
<i>Nasua nasua yucatanica</i> J. A. Allen	14	Coati
<i>Potos flavus chiriquensis</i> J. A. Allen	13, 17, 19, 26	Kinkajou
Mustelidae — Mustelids		
<i>Mustela frenata perda</i> (Merriam)	13	Long-tailed weasel
<i>Eira barbara senex</i> (Thomas)	14, 17, 19	Tayra
<i>Galictis allamandi canaster</i> Nelson (observed by Dora Weyer, AUIE)		Grison
<i>Spilogale putorius yucatanensis</i> Burt	14, 19	Southern spotted skunk
<i>Conepatus semistriatus yucatanicus</i> Goldman	17	Striped hog-nosed skunk
<i>Lontra longicaudis annectens</i> (Major)	38	Southern river otter
Felidae — Cats		
<i>Felis onca goldmani</i> Mearns	14, 17	Jaguar
<i>Felis concolor mayensis</i> Nelson and Goldman	14, 17, 19, 26	Mountain lion
<i>Felis pardalis pardalis</i> Linnaeus	17, 26	Ocelot
<i>Felis wiedii yucatanica</i> Nelson and Goldman	14, 32	Margay
<i>Felis yagouaroundi fossata</i> Mearns	17	Jaguarundi

SIRENIA — Manatees		
Trichechidae — Manatees		
<i>Trichechus manatus manatus</i> Linnaeus	6, 14, 26	Manatee
PERISSODACTYLA — Perissodactyls		
Tapiridae — Tapirs		
<i>Tapirus bairdii</i> (Gill)	14	Baird's tapir
ARTIODACTYLA — Artiodactyls		
Tayassuidae — Peccaries		
<i>Dicotyles tajacu nelsoni</i> (Goldman)	14, 17	Collared peccary
<i>Dicotyles tajacu yucatanensis</i> (Merriam)	13, 26	Collared peccary
<i>Tayassu pecari ringens</i> Merriam	14, 26	White-lipped peccary
Cervidae — Cervids		
<i>Odocoileus virginianus truei</i> (Merriam)	13, 14, 17, 19, 26	White-tailed deer
<i>Mazama americana cerasina</i> Hollister	13, 26	Red brocket
<i>Mazama americana temama</i> (Kerr)	14, 17	Red brocket

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