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Small Mammal Species Native to Alaska

This list includes all species of bats, shrews, and lagomorphs that regularly occur and are native to the State of Alaska. It also includes all species of rodents, with the exception of the American beaver (*Castor canadensis*) and the porcupine (*Erethizon dorsatum*). We excluded small-bodied carnivores (e.g., weasels, ermines), which are not traditionally considered as small mammals (e.g., Merritt 2010; IUCN Small Mammal Specialist Group).

The taxonomy of many small mammal species in Alaska is an area of active research. As such, this list may not be current at the time of reading. A more recent and comprehensive checklist can be found at the [Fauna of Alaska](#) project.

Order	Family	Scientific Name	Common Name	SGCN*	Taxonomic Synonyms
Chiroptera	Vespertilionidae	<i>Lasionycteris noctivagans</i>	Silver-haired bat	Yes	
Chiroptera	Vespertilionidae	<i>Lasiurus cinereus</i>	Hoary bat	No	
Chiroptera	Vespertilionidae	<i>Myotis californicus</i>	California myotis	Yes	
Chiroptera	Vespertilionidae	<i>Myotis evotis</i>	Long-eared myotis	Yes	<i>Myotis keenii</i> ¹
Chiroptera	Vespertilionidae	<i>Myotis lucifugus</i>	Little brown myotis	Yes	
Chiroptera	Vespertilionidae	<i>Myotis volans</i>	Long-legged myotis	Yes	
Chiroptera	Vespertilionidae	<i>Myotis yumanensis</i>	Yuma myotis	No	
Eulipotyphla	Soricidae	<i>Sorex cinereus</i>	Cinereus shrew	Yes	
Eulipotyphla	Soricidae	<i>Sorex eximius</i>	Western pygmy shrew	No	<i>Sorex hoyi</i> ²
Eulipotyphla	Soricidae	<i>Sorex jacksoni</i>	St. Lawrence Island shrew	Yes	
Eulipotyphla	Soricidae	<i>Sorex minutissimus</i>	Holarctic least shrew	No	<i>Sorex yukonicus</i> ³
Eulipotyphla	Soricidae	<i>Sorex navigator</i>	Western water shrew	Yes	<i>Sorex palustris</i> ³
Eulipotyphla	Soricidae	<i>Sorex obscurus</i>	Dusky shrew	Yes	<i>Sorex monticola</i> ³
Eulipotyphla	Soricidae	<i>Sorex pribilofensis</i>	Pribilof Island shrew	Yes	
Eulipotyphla	Soricidae	<i>Sorex tundrensis</i>	Tundra shrew	Yes	
Eulipotyphla	Soricidae	<i>Sorex ugyunak</i>	Barren ground shrew	Yes	
Lagomorpha	Leporidae	<i>Lepus americanus</i>	Snowshoe hare	Yes	
Lagomorpha	Leporidae	<i>Lepus othus</i>	Alaska hare	Yes	
Lagomorpha	Ochotonidae	<i>Ochotona collaris</i>	Collared pika	Yes	

Order	Family	Scientific Name	Common Name	SGCN*	Taxonomic Synonyms
Rodentia	Cricetidae	<i>Dicrostonyx groenlandicus</i>	Nearctic collared lemming	Yes	
Rodentia	Cricetidae	<i>Lemmus trimucronatus</i>	North American brown lemming	Yes	
Rodentia	Cricetidae	<i>Microtus longicaudus</i>	Long-tailed vole	Yes	
Rodentia	Cricetidae	<i>Microtus miurus</i>	Singing vole	Yes	
Rodentia	Cricetidae	<i>Microtus oeconomus</i>	Root vole	Yes	
Rodentia	Cricetidae	<i>Microtus pennsylvanicus</i>	Meadow vole	Yes	
Rodentia	Cricetidae	<i>Microtus xanthognathus</i>	Yellow-cheeked vole	Yes	
Rodentia	Cricetidae	<i>Myodes gapperi</i>	Southern red-backed vole	No	<i>Clethrionomys gapperi</i> ⁴
Rodentia	Cricetidae	<i>Myodes rutilus</i>	Northern red-backed vole	Yes	<i>Clethrionomys rutilus</i> ⁴
Rodentia	Cricetidae	<i>Neotoma cinerea</i>	Bushy-tailed woodrat	No	
Rodentia	Cricetidae	<i>Ondatra zibethicus</i>	Muskrat	No	
Rodentia	Cricetidae	<i>Peromyscus keeni</i>	Northwestern deer mouse	Yes	
Rodentia	Cricetidae	<i>Peromyscus maniculatus</i>	North American deer mouse	No	
Rodentia	Cricetidae	<i>Phenacomys intermedius</i>	Western heather vole	No	
Rodentia	Cricetidae	<i>Synaptomys borealis</i>	Northern bog lemming	Yes	
Rodentia	Sciuridae	<i>Glaucomys sabrinus</i>	Northern flying squirrel	Yes	
Rodentia	Sciuridae	<i>Marmota broweri</i>	Alaska marmot	Yes	
Rodentia	Sciuridae	<i>Marmota caligata</i>	Hoary marmot	No	
Rodentia	Sciuridae	<i>Marmota monax</i>	Woodchuck	No	
Rodentia	Sciuridae	<i>Tamiasciurus hudsonicus</i>	American red squirrel	Yes	
Rodentia	Sciuridae	<i>Urocitellus parryii</i>	Arctic ground squirrel	Yes	<i>Spermophilus parryii</i> ⁵ <i>Citellus parryii</i> ⁵
Rodentia	Dipodidae	<i>Zapus hudsonius</i>	Meadow jumping mouse	Yes	
Rodentia	Dipodidae	<i>Zapus princeps</i>	Western jumping mouse	No	

* Species of Greatest Conservation Need according to the Alaska Wildlife Action Plan (ADF&G 2015).

Taxa not considered as regularly occurring in Alaska

Big brown bat (*Eptesicus fuscus*): Reports in Alaska may represent a translocated bat; this species has not been detected during recent acoustic surveys and is generally hard to miss if present.

Species considered taxonomically invalid or unresolved

Invalid Taxonomy	Valid or Proposed Taxonomy	Common Name	SGCN*
<i>Sorex alaskanus</i>	<i>Sorex navigator alaskanus</i> ³	Glacier Bay water shrew	Yes
<i>Dicrostonyx nelsoni</i>	<i>Dicrostonyx groenlandicus nelsoni</i> ⁴	Nelson's collared lemming	Yes
<i>Dicrostonyx unalascensis</i>	<i>Dicrostonyx groenlandicus unalascensis</i> ⁴	Unalaska collared lemming	Yes
<i>Lemmus sibiricus</i> [†]	<i>Lemmus trimucronatus</i> ⁴	Siberian brown lemming	Yes
<i>Microtus abbreviatus</i>	<i>Microtus miurus abbreviatus</i> ⁶	Insular vole	Yes

* Species of Greatest Conservation Need according to the Alaska Wildlife Action Plan (ADF&G 2015).

† Misapplied when referring to Alaskan populations.

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