

Field Check-list of the Mammals of Yellowstone National Park

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Common and scientific names from: R. S. Hoffman and D. L. Pattie, *A Guide to Montana Mammals*, 1968; T. Clark and M. Stromberg, *Mammals in Wyoming* 1974; K. Foresman, *The Wild Mammals of Montana*, 2001 . Habitat section taken from T. McEneaney, *Birds of Yellowstone*, 1988.

64-69 mammal species documented in YNP

(5 species questionable, lacking convincing evidence)

Compiled by **Terry McEneaney, December, 2008.**

Checklist Key to Life Zones and Habitat McEneaney 1988

- F Foothills Zone (5,165'-6,000') also known as "transition zone" i.e. near desert or rain shadow like conditions found near Gardiner and Mammoth—characterized by: open terrain-- grassland, sagebrush-grassland, greasewood, rabbitbrush, narrow bands of willow; and forested terrain: cottonwood, juniper, limber pine
- M Montane Zone (6,000'-7,600') also known as the 'Canadian Zone"—characterized by: small ponds; open terrain--sagebrush-grassland, sedge, bullrush, narrow bands of willow; and forested terrain--cottonwood, juniper, narrow bands of Englemann spruce , limber pine, aspen, Douglas-fir
- S Subalpine Zone (7,600'- 10,000') –characterized by: larger lakes; open terrain--mountain meadows, limited sagebrush-grasslands, extensive willow; and forested terrain: primarily lodgepole pine, but also scattered cottonwood and or/aspen, and larger stands of Engleman spruce, subalpine fir and White-barked pine particularly at high elevations. Up to and including timberline.
- A Alpine Zone (10,000'-11,358')—sometimes referred to the "Arctic Zone"—characterized by open terrain of very low growing vegetation . Predominately above timberline with stunted grasses and sedges, but interspersed with meltwater meadows, rock or fellfields, snow/snowbanks/snowfields, freezing temperatures, with snow and strong winds found nearly every month of the year.

Legend

Zones: Life zones (F,M, S,A).

Status: **Abundant**= seen nearly everyday; **Common**= seen in a weeks time

U=uncommonly found throughout the year; **VR**= very rarely seen

Months present: Ja,F,Ma,A,M,J,Ju,A,S,O,N,D or **Y**=year-round

Population Estimate(**PE**):

Order Insectivora – Shrews

	Z	S	M	PE
Dwarf Shrew (<i>Sorex nanus</i>)	M,S	VR	Y	?

Moist meadows, coniferous forests				
Masked Shrew (<i>Sorex cinereus</i>) Coniferous forests, meadows, ponds and stream edges	M,S	VR	Y	?
Preble's shrew (<i>Sorex preblei</i>) Moist forests and grasslands, marsh and stream edges	M	VR	Y	?
Dusky shrew (<i>Sorex monticolus</i>) Higher elevation coniferous forests	M,S	VR	Y	?
Northern water shrew (<i>Sorex palustris</i>) Stream edges	M,S	VR	Y	?

Order Chiroptera - Bats

Little Brown Myotis (<i>Myotis lucifugus</i>) Coniferous forests, often around buildings, caves, nocturnal	M,S	U	J-S	?
Long-eared Myotis (<i>Myotis evotis</i>) Coniferous forests, meadows, nocturnal	M,S	U	J-S	?
Long-legged Myotis (<i>Myotis volans</i>) Coniferous forests, meadows, nocturnal	M,S	U	J-S	?
Big brown Bat (<i>Eptesicus fuscus</i>) Coniferous forests, often around buildings, caves, nocturnal	M,S	U	J-S	?
Silver-haired Bat (<i>Lasionycteris noctivagans</i>) Coniferous forests, especially snags, meadows, nocturnal	M,S	U	J-S	?
Hoary Bat (<i>Lasiurus cinereus</i>) Coniferous forests, mostly nocturnal	M,S	U	J-S	?
Western Small-footed Myotis (<i>Myotis ciliolabrum</i>) Coniferous forests, often around buildings, caves, nocturnal	?	VR?	?	?
Townsend's Big-eared Bat (<i>Corynorhinus townsendii</i>) Coniferous forests, meadows, caves, nocturnal	M,S	U	J-S	?
Yuma Myotis (<i>Myotis yumanensis</i>) Coniferous forests, often around buildings, caves, nocturnal	?	VR?	?	?
Fringed Myotis (<i>Myotis thysanodes</i>) Coniferous forests, often around buildings, caves, nocturnal	?	VR?	?	?

Order Carnivora - Carnivores

Bobcat (<i>Lynx rufus</i>) Open forests, brushy areas	T,M,S	U	Y	<30
Lynx (<i>Lynx canadensis</i>)	M,S	VR	Y	<5

Coniferous forests

Mountain Lion (<i>Puma concolor</i>) Coniferous forests	T,M,S	VR	Y	<25
Raccoon (<i>Procyon lotor</i>) Open forests, stream bottoms	T,M,S	VR	Y	?
Black Bear (<i>Ursus americanus</i>) Forests, slide areas, mountain meadows	T,M,S	C	Ma-N	<300
Grizzly Bear (<i>Ursus arctos</i>) Forests, slide areas, mountain meadows	T,M,S,A	C	F-D	<650
Red Fox (<i>Vulpes vulpes</i>) Grasslands, open forest, mountain meadows, alpine	T,M,S,A	U	Y	<50
Coyote (<i>Canis latrans</i>) Forests, grasslands, mountain meadows	T,M,S,A	C	Y	<350
Gray Wolf (<i>Canis lupus</i>) Coniferous forests, mountain meadows	T,M,S,A	C-U	Y	<200
Striped Skunk (<i>Mephitis mephitis</i>) Open forests, grasslands	T,M,S	VR	F-O	<5
Badger (<i>Taxidea taxus</i>) Grasslands, Sagebrush-grassland	T,M,S	U	F-N	<100
Northern River Otter (<i>Lontra canadensis</i>) Rivers, lakes	T,M,S	U	Y	<150
Wolverine (<i>Gulo gulo</i>) Coniferous forests, mountain meadows, scree, alpine	M,S,A	VR	Y	<5
Least Weasel (<i>Mustela nivalis</i>) Open and shaded coniferous forests, grasslands (discovered 6/20/2007 2.5 miles up Thunderer TH by T. McEneaney)	M,S	VR	Y	?
Short-tailed Weasel (<i>Mustela erminea</i>) Coniferous forests, meadows	T,M,S	U	Y	?
Long-tailed Weasel (<i>Mustela frenata</i>) Open forests, meadows	T,M,S	U	Y	?
Mink (<i>Mustela vison</i>) Creek and lake edges	M,S	VR	Y	?
American Marten (<i>Martes americana</i>) Coniferous forests	M,S,A	U	Y	<500
Fisher (<i>Martes pennanti</i>) Coniferous forests	M,S	VR?	?	?

Order Lagomorpha - Pikas, Rabbits, Hares

Pika (<i>Ochotona princeps</i>) Rockslides, talus slopes, mountain summits	M,S,A	U	Ma-N	?
Snowshoe Hare (<i>Lepus americanus</i>) Coniferous forests, nocturnal	M,S	U	Y	?

White-tailed Jackrabbit (<i>Lepus townsendii</i>) Sagebrush-grasslands, nocturnal	T,M	U	Y	<500
Mountain Cottontail (<i>Sylvilagus nuttallii</i>) Sagebrush-grassland	T,M	U	Y	?
Desert Cottontail (<i>Sylvilagus auduboni</i>) Sagebrush-grasslands, nocturnal	T	?	?	?

Order Rodentia - Rodents

Porcupine (<i>Erethizon dorsatum</i>) Coniferous forests	T,M,S	VR	Y	<50
Beaver (<i>Castor canadensis</i>) Streams, lakes	T,M,S	U	Y	<500
Northern Pocket Gopher (<i>Thomomys talpoides</i>) Meadows	T,M,S,A	U	Y	?
Yellow-bellied Marmot (<i>Marmota flaviventris</i>) Open rocky foothills, talus slopes	T,M,S,A	C	Ma-S	?
Least Chipmunk (<i>Eutamias minimus</i>) High open forests, brushy, rocky areas, alpine meadows	T,M,S,A	C	F-O	?
Yellow pine Chipmunk (<i>Eutamias amoenus</i>) Open forests, brushy, rocky areas	T,M,S	C	F-O	?
Uinta Chipmunk (<i>Eutamias umbrinus</i>) Open forest areas	M,S	U	M-O	?
Golden-mantled Ground Squirrel (<i>Spermophilus lateralis</i>) High open forests, rocky areas	M,S,A	U	M-O	?
Uinta Ground Squirrel (<i>Spermophilus armatus</i>) Open grasslands, Sagebrush- grasslands	T,M,S	C	F-A	?
Northern Flying Squirrel (<i>Glaucomys sabrinus</i>) Coniferous forests, nocturnal	T,M,S	VR	Y	?
Red Squirrel (<i>Tamiasciurus hudsonicus</i>) Coniferous forests	T,M,S	A	Y	?
Western Jumping Mouse (<i>Zapus princeps</i>) Grasslands, alpine meadows	T,M	VR	Ma-S	?
Bushy-tailed Wood Rat (<i>Neotoma cinerea</i>) Rocky areas, old buildings	T,M,S	VR	Y	?
Deer Mouse (<i>Peromyscus maniculatus</i>) Forests, grasslands, alpine meadows	T,M,S	U	Y	?
Muskrat (<i>Ondatra zibethicus</i>) Streams, lakes, marshy areas	T,M,S	C	Y	?
Northern Bog Lemming (<i>Synaptomys borealis</i>) Coniferous forests	M,S	VR	Y	?
Southern Red-backed Vole (<i>Clethrionomys gapperi</i>) Coniferous forests	M,S	U	Y	?

Montane Vole (<i>Microtus montanus</i>) Coniferous forests, meadows	M,S	C	Y	?
Water Vole (<i>Microtus richardsoni</i>) High elevation stream and lake edges	M,S	U	Y	?
Long-tailed Vole (<i>Microtus longicaudus</i>) Coniferous forests, grasslands	M	C	Y	?
Meadow Vole (<i>Microtus pennsylvanicus</i>) Open forests, meadows, along streams, marshy areas.	T,M,S	C	Y	?
Heather Vole (<i>Phenacomys intermedius</i>) Coniferous forests	M,S	U	Y	?

Order Artiodactyla - Even-toed ungulates

White-tailed Deer (<i>Odocoileus virginianus</i>) Coniferous forests, riparian, meadows, creek and river bottoms	T,M,S	U	Y	<50
Mule Deer (<i>Odocoileus hemionus</i>) Open forests, meadows, often at high elevations	T,M,S	C	Y	<2,500
Elk "Wapiti" (<i>Cervus elaphus</i>) Open forests, meadows	T,M,S,A	A	Y	<25,000
Moose (<i>Alces alces</i>) Coniferous forests, lakes, slow streams, marshy areas	M,S	U	Y	<30
Bighorn Sheep (<i>Ovis canadensis</i>) Open mountainous areas	T,M,S,A	C	Y	<300
Mountain Goat (<i>Oreamnos americanus</i>) High peaks and meadows	M,S,A	U	A-O	<300
Pronghorn (<i>Antilocapra americana</i>) Grassland,sagebrush-grassland, meadows	T,M,S	C	Y	<350
Bison (<i>Bos bison</i>) Grassland,sagebrush-grassland, meadows, conifers	T,M,S,A	A	Y	<4000

This *Field Checklist of the Mammals of Yellowstone National Park* is brought to you by:

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