

A BIBLIOGRAPHY OF IDAHO MAMMALOGY (1940 - 1987)

BY

Craig Groves
Natural Heritage Section
Nongame and Endangered Wildlife Program
Bureau of Wildlife

IDAHO CONSERVATION DATA CENTER

Idaho Department of Fish and Game
600 S. Walnut St. Box 25
Boise ID 83707
Jerry M. Conley, Director

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Abstract. - A list of 315 references to Idaho mammalian studies is presented with subject and species indexes to the list.

No major technical book on Idaho mammals has been published since 1939 (Davis 1939), although Larrison (1967) and Larrison and Johnson (1981) have published books on Idaho mammals intended as introductory material for the lay public. The purpose of this bibliography is to document advances in the knowledge of Idaho mammals that have occurred since 1939.

METHODS

I have attempted to include all literature citations of ecological, behavioral, distributional, and taxonomic studies on Idaho mammals. Literature dealing strictly with fossil mammals was excluded. References are included here only if at least part of the study area was in Idaho. This bibliography was produced by searching the following journals from 1940 (or the first issue of the journal if it occurred after 1940) to the present: the Great Basin Naturalist, the Journal of the Idaho Academy of Sciences, the Journal of Mammalogy, the Journal of Range Management, the Journal of Wildlife Management, the

1. Idaho Natural Heritage Program, Idaho Department of Fish and Game, 600 South Walnut Street, Boise, Idaho 83707.

Murrelet, Northwest Science, Wildlife Monographs, and the Wildlife Society Bulletin. In addition to searching these journals, I reviewed publication lists from the U.S.D.I. BLM Birds of Prey Area in Boise, Idaho; the U.S.D.A. Sheep Experiment Station at Dubois, Idaho; the Idaho National Engineering Laboratory Ecology and Radioecology Program, and the Wildlife Department at the University of Idaho. References from these lists that appeared in scientific journals or refereed publications other than those listed above were included in this bibliography. Lastly, I have also included those theses and dissertations from the University of Idaho and Idaho State University that have not been published partially or wholly in refereed journals.

The references in the bibliography are numbered and in alphabetical order by author. Two indexes to the bibliography, one by species (Table 1) and one by subject (Table 2) are also included. For the subject index, each reference was assigned to one subject category which best described the topic of the paper. All mammalian species reported in a given reference were cross-referenced to the species index.

ACKNOWLEDGMENTS

Numerous individuals reviewed the first draft of the bibliography. Many thanks go to J. Beecham, J. Green, D. Johnson, B. Keller, J. Peek, O.D. Markham, T. Reynolds, and J.M. Scott for their helpful input. Support from The Nature Conservancy and the Nongame Program of the Idaho Department of Fish and Game is also gratefully acknowledged.

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Table 1. A cross-referenced list of mammalian species in Idaho and bibliographic references on these species.

SPECIES	REFERENCES
Marsupialia (marsupials)	
Didelphidae (New World opossums):	
<u>Didelphis virginiana</u> (Virginia opossum) ¹	
Insectivora (insectivores)	
Soricidae (shrews):	
<u>Sorex cinereus</u> (masked shrew)	75, 107, 127, 166, 228, 253, 283
<u>Sorex preblei</u> (Preble's shrew)	166
<u>Sorex vagrans</u> (vagrant shrew)	75, 107, 121, 166, 253, 283, 295
<u>Sorex monticolus</u> (dusky shrew)	166
<u>Sorex palustris</u> (water shrew)	75, 166
<u>Sorex merriami</u> (Merriam's shrew)	3, 166, 216
<u>Sorex hoyi</u> (pygmy shrew)	166
Talpidae (moles):	
<u>Scapanus orarius</u> (coast mole)	38, 166
Chiroptera (bats)	
Vespertilionida (vesperilionide bats):	
<u>Myotis lucifugus</u> (little brown myotis)	31, 150, 166
<u>Myotis yumanensis</u> (Yuma myotis)	150, 166
<u>Myotis evotis</u> (long-eared myotis)	31, 150, 166
<u>Myotis thysanodes</u> (fringed myotis)	31, 147, 150, 166
<u>Myotis volans</u> (long-legged myotis)	150, 166
<u>Myotis californicus</u> (California myotis)	150, 166
<u>Myotis leibbi</u> (small-footed myotis)	81, 166
<u>Lasionycteris noctivagans</u> (silver-hat red bat)	150, 166
<u>Pipistrellus hesperus</u> (western pipistrelle)	150, 166
<u>Eptesicus fuscus</u> (big brown bat)	31, 150, 166
Introduced species.	

Table 1 (cont.)

SPECIES	REFERENCES
<u>Gulo gulo</u> (wolverine)	166, 237
<u>Taxidea taxus</u> (badger)	20, 51, 113, 166, 187, 211, 212, 280
<u>Spilogale putorius</u> (spotted skunk)	166
<u>Mephitis mephitis</u> (striped skunk)	75, 166
<u>Lutra canadensis</u> (river otter)	113, 166, 208, 244
Felidae (cats):	
<u>Felis concolor</u> (mountain lion)	75, 109, 110, 112, 166, 270
<u>Felis lynx</u> (lynx)	75, 166
<u>Felis rufus</u> (bobcat)	20, 21, 75, 153, 166, 174, 258
Cervidae (carvids):	
<u>Cervus elaphus</u> (elk)	16, 26, 39, 44, 45, 48, 63, 75, 105, 118, 119, 148, 158, 160, 161, 180, 181, 182, 183, 184, 188, 206, 207, 209, 215, 222, 225, 226, 256, 296, 304, 305, 307, 312
<u>Odocoileus hemionus</u> (mule deer)	16, 26, 34, 39, 47, 65, 75, 114, 140, 149, 161, 199, 205, 206, 213, 214, 215, 224, 234, 242, 255, 288, 305, 307, 308, 312
<u>Odocoileus virginianus</u> (white-tailed deer)	2, 23, 26, 96, 116, 166, 188, 201, 206, 234, 257, 271, 272, 301, 302
<u>Alces alces</u> (moose)	75, 231, 239, 240, 305
<u>Rangifer tarandus</u> (caribou)	60, 76, 125, 130, 177, 294
Antilocapridae (pronghorn):	
<u>Antilocapra americana</u> (pronghorn)	17, 18, 28, 59, 72, 115, 132, 140, 152, 174, 195, 196, 197, 200, 247, 248, 249, 268, 280, 281

Table 1 (cont.)

SPECIES	REFERENCES
<u>Lesiurus cinereus</u> (hoary bat)	150
<u>Euderma maculatum</u> (spotted bat)	150, 292
<u>Plecotus townsendi</u> (Townsend's big-eared bat)	81, 150
<u>Antrozous pallidus</u> (pallid bat)	67, 150
<u>Lagomorpha</u> (lagomorphs)	
<u>Ochotonidae</u> (pikas):	
<u>Ochotona princeps</u> (pika)	36, 53, 291, 293
<u>Leporidae</u> (hares, rabbits):	
<u>Sylvilagus idahoensis</u> (pygmy rabbit)	32, 71, 74, 82, 83, 84, 85, 132, 265, 297, 299
<u>Sylvilagus nuttallii</u> (Nuttall's cottontail)	10, 37, 74, 75, 120, 131, 132, 139, 190, 192, 273
<u>Lepus americanus</u> (snowshoe hare)	46, 75
<u>Lepus townsendii</u> (white-tailed jackrabbit)	74
<u>Lepus californicus</u> (black-tailed jackrabbit)	1, 9, 61, 62, 64, 70, 74, 77, 91, 129, 132, 142, 190, 192, 273, 276
<u>Rodentia</u> (rodents)	
<u>Sciuridae</u> (squirrels):	
<u>Tamias minimus</u> (least chipmunk)	3, 37, 92, 122, 124, 131, 144, 145, 164, 168, 221, 246, 250, 266
<u>Tamias amoenus</u> (yellow pine chipmunk)	75, 107, 164, 221, 253, 283
<u>Tamias dorsalis</u> (cliff chipmunk)	164
<u>Tamias ruficaudus</u> (red-tailed chipmunk)	2, 75, 107, 121, 127, 164, 267, 283
<u>Tamias umbrinus</u> (Uinta chipmunk)	164
<u>Marmota monax</u> (woodchuck)	164
<u>Marmota flaviventris</u> (yellow-bellied marmot)	75, 164
<u>Marmota caligata</u> (hoary marmot)	164
<u>Amospermophilus leucurus</u> (white-tailed antelope squirrel)	117, 164

Table 1 (cont.)

SPECIES	REFERENCES
<u>Spermophilus townsendii</u> (Townsend's ground squirrel)	3, 12, 37, 92, 131, 144, 145, 156, 164, 220, 246, 250, 251, 266, 275
<u>Spermophilus brunneus</u> (Idaho ground squirrel)	164
<u>Spermophilus elegans</u> (Wyoming ground squirrel)	164
<u>Spermophilus armatus</u> (Uinta ground squirrel)	104, 164, 220
<u>Spermophilus baldingi</u> (Belding's ground squirrel)	103, 104, 164
<u>Spermophilus columbianus</u> (Columbian ground squirrel)	2, 26, 52, 55, 56, 57, 58, 75, 162, 164, 220, 283
<u>Spermophilus variegatus</u> (rock squirrel)	
<u>Spermophilus lateralis</u> (golden-mantled ground squirrel)	164
<u>Sciurus carolinensis</u> (gray squirrel) ¹	
<u>Sciurus niger</u> (fox squirrel) ¹	164, 202, 284, 311
<u>Tamiasciurus hudsonicus</u> (red squirrel)	2, 30, 75, 164, 286
<u>Glaucomys sabrinus</u> (northern flying squirrel)	75, 164, 175, 204, 283
Geomysidae (pocket gophers):	
<u>Thomomys townsendii</u> (Townsend's pocket gopher)	165
<u>Thomomys talpoides</u> (northern pocket gopher)	2, 3, 43, 65, 75, 92, 121, 131, 159, 165, 251, 283
<u>Thomomys idahoensis</u> (Idaho pocket gopher)	165, 287
Heteromyidae (heteromyids):	
<u>Perognathus longimembris</u> (little pocket mouse)	165
<u>Perognathus parvus</u> (Great Basin pocket mouse)	3, 37, 92, 94, 144, 145, 165, 246, 250, 253, 266, 278, 279
<u>Microdipodops megacephalus</u> (dark kangaroo mouse)	165
<u>Dipodomys ordii</u> (Ord's kangaroo rat)	3, 12, 14, 69, 92, 94, 96, 100, 122, 124, 131, 156, 165, 168, 238, 246, 250
<u>Dipodomys microps</u> (chisel-toothed kangaroo rat)	122, 124, 165, 168
Castoridae (beavers):	
<u>Castor canadensis</u> (beaver)	5, 6, 75, 165, 179, 185
¹ Introduced species.	

Table 1 (cont.)

SPECIES	REFERENCES
Cricetidae (cricetids):	
<u>Reithrodontomys megalotis</u> (western harvest mouse)	3, 37, 92, 122, 124, 144, 145, 165, 168, 241, 246, 250
<u>Peromyscus crinitus</u> (canyon mouse)	2, 3, 10, 12, 14, 15, 37, 69, 75, 92, 94, 96, 98, 100, 102, 107, 121, 122, 124, 127, 128, 144, 145, 156, 165, 168, 198, 221, 241, 246, 250, 253, 267, 288, 289, 289
<u>Peromyscus maniculatus</u> (deer mouse)	79, 102, 165
<u>Peromyscus truei</u> (pinon mouse)	3, 69, 92, 144, 145, 165, 246, 250, 266
<u>Onychomys leucogaster</u> (northern grasshopper mouse)	
<u>Neotoma lepida</u> (desert woodrat)	3, 37, 38, 75, 165, 203
<u>Neotoma cinerea</u> (bushy-tailed woodrat)	2, 75, 107, 121, 127, 165, 221, 253, 267, 288
<u>Clethrionomys gapperi</u> (southern red-backed vole)	107, 165
<u>Microtus pennsylvanicus</u> (meadow vole)	3, 12, 37, 69, 75, 92, 93, 94, 107, 121, 128, 144, 145, 156, 165, 189, 246, 250, 251, 253, 277, 283
<u>Microtus montanus</u> (montane vole)	75, 121, 165, 253, 283
<u>Microtus longicaudus</u> (long-tailed vole)	75
<u>Microtus richardsoni</u> (water vole)	75, 107, 165, 283, 285
<u>Phanacomys intermedius</u> (heather vole)	92, 144, 145, 165, 217, 218, 246, 250, 253
<u>Lemmiscus curtatus</u> (sagebrush vole)	141, 165
<u>Symplocos borealis</u> (northern bog lemming)	75, 165, 243, 261, 303
<u>Ondatra zibethica</u> (muskrat)	
Muridae (murids):	
<u>Rattus norvegicus</u> (Norway rat) ¹	75, 165
<u>Mus musculus</u> (house mouse) ¹	75, 121, 165
Zapodidae (jumping mice):	
<u>Zapus princeps</u> (western jumping mouse)	2, 75, 107, 121, 165, 267, 283
Erethizontidae (New World porcupine):	
<u>Erethizon dorsatum</u> (porcupine)	26, 41, 42, 75, 165
† Introduced species.	

Table 1 (cont.)

SPECIES	REFERENCES
Myocastoridae (myocastorids):	
<u>Myocaster coypus</u> (nutria) ¹	165
Carnivora (carnivores)	
Canidae (canids):	
<u>Canis latrans</u> (coyote)	10, 11, 19, 20, 22, 50, 51, 73, 75, 80, 86, 87, 88, 89, 90, 133, 135, 136, 137, 138, 166, 170, 171, 172, 173, 174, 191, 193, 194, 230, 247, 259, 300, 309 166
<u>Canis lupis</u> (gray wolf)	4, 68, 86, 87, 166
<u>Vulpes vulpes</u> (red fox)	88, 166
<u>Vulpes macrotis</u> (kit fox)	
Ursidae (bears):	
<u>Ursus americanus</u> (black bear)	2, 7, 8, 24, 25, 27, 29, 75, 166, 245, 262, 263, 313, 314
<u>Ursus arctos</u> (grizzly bear)	143, 154, 155, 166, 176, 178, 236, 315
Procyonidae (procyonids):	
<u>Procyon lotor</u> (raccoon)	75, 166
Mustelidae (mustelids):	
<u>Martes americana</u> (marten)	157, 166, 310
<u>Martes pennanti</u> (fisher)	166
<u>Mustela erminea</u> (ermine)	75, 101, 166, 219
<u>Mustela frenata</u> (long-tailed weasel)	69, 75, 166, 219
<u>Mustela vison</u> (mink)	113, 166, 298
† Introduced species	

Table 1 (cont.)

SPECIES	REFERENCES
Bovidae (bovids):	
<u>Bison bison</u> (bison)	
<u>Oreamnos americanus</u> (mountain goat)	33
<u>Ovis canadensis</u> (mountain sheep)	49, 108, 168, 169, 234, 274

Table 2. A cross-referenced list of mammalian bibliographic references in Idaho by subject.

SUBJECT	REFERENCES
Behavior	4, 6, 8, 17, 21, 30, 31, 32, 51, 56, 57, 82, 85, 97, 108, 109, 110, 113, 170, 247, 261, 270, 282, 291
Contaminants	2, 27, 127
Disease	29, 80, 90, 212, 281, 314
Distribution & Status	38, 67, 68, 79, 81, 117, 125, 141, 146, 163, 164, 165, 166, 176, 177, 178, 202, 216, 237, 253, 255, 258, 265, 282, 311, 315
Ecology	33, 60, 75, 92, 205, 208, 211, 217, 274, 284, 290, 298
Fire	16, 149, 157, 180, 181, 182, 183, 209, 210, 225, 235, 285
Food Habits	40, 62, 86, 87, 98, 122, 123, 124, 132, 133, 137, 138, 139, 140, 175, 191, 192, 193, 229, 231, 257, 271, 305
Foraging Habits	43, 118, 194, 219, 239
Forest Management	48, 63, 159, 188, 201, 215, 283
Habitat Use	9, 23, 37, 53, 54, 65, 84, 102, 107, 116, 128, 142, 158, 159, 161, 162, 167, 184, 190, 201, 214, 218, 221, 226, 240, 251, 272, 294, 297, 300, 306, 313
Management	35, 111, 130, 133, 143, 223, 236, 246, 250, 301
Morphology	34, 58, 59, 254
Mortality	1, 70, 228, 273
Movements & Home Range	42, 44, 50, 55, 76, 94, 105, 115, 148, 153, 171, 172, 173, 174, 179, 207, 213, 245, 248, 259, 262, 263, 264, 309

Table 2. Continued.

SUBJECT	REFERENCES
Physiology	22, 52, 73, 89, 93, 189, 203, 230, 266, 268, 275
Population Dynamics & Characteristics	24, 25, 36, 49, 69, 129, 131, 154, 155, 221, 232, 241, 267, 277, 280, 293, 299, 302
Radiocology	10, 11, 12, 13, 14, 15, 74, 100, 120, 195, 196, 197, 198, 199, 200
Range Management	134, 161, 169, 224, 250, 288, 305, 307, 312
Reproduction & Productivity	47, 61, 64, 71, 77, 186, 238, 243, 269, 279, 286, 296, 308
Salt	26, 45, 256, 304
Species Checklists & Surveys	3, 78, 95, 99, 227, 252, 260
Taxonomy & Variation	46, 66, 101, 104, 204, 220, 267, 295, 310
Wildlife Techniques	7, 18, 19, 20, 41, 63, 88, 91, 96, 112, 135, 136, 144, 145, 150, 151, 152, 156, 166, 234, 244, 249, 276, 303
Winter Range	28, 39, 114, 168, 169, 206, 215, 242

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