Montana Natural Heritage - SOC Report Animal Species of Concern

217 Species of Concern95 Potential Species of Concern2 Special Status SpeciesAll Records (no filtering)

Introduction

Species List Last Updated 02/19/2021



A program of the Montana State Library's Natural Resource Information System operated by the University of Montana.

The Montana Natural Heritage Program (MTNHP) serves as the state's information source for animals, plants, and plant communities with a focus on species and communities that are rare, threatened, and/or have declining trends and as a result are at risk or potentially at risk of extirpation in Montana.

This report on **Montana Animal Species of Concern** is produced jointly by the Montana Natural Heritage Program (MTNHP) and Montana Department of Fish, Wildlife, and Parks (MFWP). Montana Animal Species of Concern are native Montana animals that are considered to be "at risk" due to declining population trends, threats to their habitats, and/or restricted distribution.

Also included in this report are **Potential Animal Species of Concern** -- animals for which current, often limited, information suggests potential vulnerability or for which additional data are needed before an accurate status assessment can be made.

We also include **Special Status Species** which are species that have some legal protections in place, but are otherwise not Montana Species of Concern. Bald Eagle is a Special Status Species because, although it is no longer protected under the Endangered Species Act and is also no longer a Montana Species of Concern, it is still protected under the **Bald and Golden Eagle Protection Act of 1940** (16 U.S.C. 668-668c). Red Knot is not a Montana Species of Concern, having a state rank of **SNA** because of a lack of information on its migratory stopover use of Montana's wetlands. However it is a Special Status Species because it is listed as Threatened in Montana under the Endangered Species Act (16 U.S.C. 1531-1544).

Over the last 200 years, 5 species with historic breeding ranges in Montana have been extirpated from the state; Woodland Caribou (*Rangifer tarandus*), Greater Prairie-Chicken (*Tympanuchus cupido*), Passenger Pigeon (*Ectopistes migratorius*), Pilose Crayfish (*Pacifastacus gambelii*), and Rocky Mountain Locust (*Melanoplus spretus*). Designation as a Montana Animal Species of Concern or Potential Animal Species of Concern is not a statutory or regulatory classification. Instead, these designations provide a basis for resource managers and decision-makers to make proactive decisions regarding species conservation and data collection priorities in order to avoid additional extirpations.

Status determinations are made by MTNHP and MFWP biologists in consultation with representatives of the Montana Chapter of the Wildlife Society, the Montana Chapter of the American Fisheries Society, and other experts. The process for evaluating and assigning status designations uses the Natural Heritage Program ranking system, described below, which forms the basis for identifying Montana Species of Concern.

How to Read the Lists

What Species are Included in this Report

Montana Species of Concern are defined as vertebrate animals with a state rank of S1, S2, or S3. Vertebrate species with a rank indicating uncertainty (SU), a "range rank" extending below the S3 cutoff (e.g., S3S4), or those ranked S4 for which there is limited baseline information on status are considered Potential Species of Concern. Because documentation for invertebrates is typically less complete than for vertebrates, only those ranked S1 or S2 are included as SOC. Invertebrates with a range rank extending below S2 (e.g., S2S3) are included as SOC only if their global ranks are G2G3 or G3, or if experts agree their occurrence in Montana has been adequately documented. Other invertebrates of concern with global ranks other than G1, G2, or G3 and with state ranks below S2 or range ranks extending below S2 (e.g., S3S4) are treated as Potential Species of Concern.

Organization of List

Both the list of Species of Concern and the list of Potential Species of Concern are grouped taxonomically in the following order: mammals, birds, reptiles, amphibians, fish, and various invertebrates. Within each taxonomic group you can sort species by common name or scientific name.

County Distribution

This column lists the documented county distribution for each species, including extant and historical occurrences. Any occurrences that cross county boundaries are counted for each county. Many older occurrence records and specimen collections are only known from vague location information and the area mapped as the potential area of observation may be quite large, leading to more than one county being counted.

Additions and Deletions

Species that have been added to or deleted from the SOC list due to changes in their state rank are reported in separate sections below; changes in global ranks are not tracked in this report.

Montana Species Ranking Codes (GRank, SRank)

Montana employs a standardized ranking system to denote global (range-wide) and state status (NatureServe 2006). Species are assigned numeric ranks ranging from 1 (highest risk, greatest concern) to 5 (demonstrably secure), reflecting the relative degree of risk to the species' viability, based upon available information.

A number of factors are considered in assigning ranks — the number, size and quality of known occurrences or populations, distribution, trends (if known), intrinsic vulnerability, habitat specificity, and definable threats. The process of assigning state ranks for each taxon relies heavily on the number of occurrences and Species Occurrence (OE) ranks, which is a ranking system of the quality (usually A through D) of each known occurrence based on factors such as size (# of individuals) and habitat guality. The remaining factors noted above are also incorporated into the ranking process when they are known. The "State Rank Reason" field in the Montana Field Guide provides additional information on the reasons for a particular species' rank.

Rank Definition

- G1 S1 At high risk because of extremely limited and/or rapidly declining population numbers, range and/or habitat, making it highly vulnerable to global extinction or extirpation in the state.
- G2 S2 At risk because of very limited and/or potentially declining population numbers, range and/or habitat, making it vulnerable to global extinction or extirpation in the state.
- G3 S3 Potentially at risk because of limited and/or declining numbers, range and/or habitat, even though it may be abundant in some areas.
- G4 S4 Apparently secure, though it may be quite rare in parts of its range, and/or suspected to be declining.
- **G5 S5** Common, widespread, and abundant (although it may be rare in parts of its range). Not vulnerable in most of its range.
- GX SX Presumed Extinct or Extirpated Species is believed to be extinct throughout its range or extirpated in Montana. Not located despite intensive searches of historical sites and other appropriate habitat, and small likelihood that it will ever be rediscovered
- GH SH Historical, known only from records usually 40 or more years old: may be rediscovered.
- GNR SNR Not Ranked as of yet.
- GU SU Unrankable Species currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
- GNA SNA A conservation status rank is not applicable because the species or ecosystem is not a suitable target for conservation activities as a result of being: 1) not confidently present in the state; 2) non-native or introduced; 3) a long distance migrant with accidental or irregular stopovers; or 4) a hybrid without conservation value.

Combination or Range Ranks

G#G#

Indicates a range of uncertainty about the status of the species (e.g., G1G3 = Global Rank ranges between G1 and G3). or S#S#

S#, S# Indicates that populations in different geographic portions of the species' range in Montana have a different conservation status (e.g., S1 west of the Continental Divide and S4 east of the Continental Divide).

Sub-rank

T# Rank of a subspecies or variety. Appended to the global rank of the full species, e.g. G4T3

Qualifiers

- Questionable taxonomy that may reduce conservation priority-Distinctiveness of this entity as a taxon at the current level is questionable; resolution of this uncertainty may result in change from a species to a subspecies or hybrid, or inclusion of Q this taxon in another taxon, with the resulting taxon having a lower-priority (numerically higher) conservation status rank. Appended to the global rank, e.g. G3Q
- ? Inexact Numeric Rank Denotes uncertainty: inexactness.

HYB Hybrid - Entity not ranked because it represents an interspecific hybrid and not a species.

- С Captive or Cultivated Only - Species at present exists only in captivity or cultivation, or as a reintroduced population not yet established.
- Accidental Species is accidental or casual in Montana, in other words, infrequent and outside usual range. Includes species (usually birds or butterflies) recorded once or only a few times at a location. A few of these species may have bred on А the few occasions they were recorded.
- SYN Synonym Species reported as occurring in Montana, but the Montana Natural Heritage Program does not recognize the taxon; therefore the species is not assigned a rank.
- в Breeding - Rank refers to the breeding population of the species in Montana. Appended to the state rank, e.g. S2B.S5N = At risk during breeding season, but common in the winter
- Ν Nonbreeding - Rank refers to the non-breeding population of the species in Montana. Appended to the state rank, e.g. S5B, S2N = Common during breeding season, but at risk in the winter
- М Migratory - Species occurs in Montana only during migration.

Federal Status

Designations in this column reflect the status of a species under the U.S. Endangered Species Act (ESA), or as "sensitive" by the U.S. Forest Service (USFS) or Bureau of Land Management (BLM).

U.S. Fish and Wildlife Service (Endangered Species Act)

Status of a taxon under the federal Endangered Species Act of 1973 (16 U.S.C.A. § 1531-1543 (Supp. 1996))

Designation Descriptions

- LE Listed endangered: Any species in danger of extinction throughout all or a significant portion of its range (16 U.S.C. 1532(6)).
- LT Listed threatened: Any species likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range (16 U.S.C. 1532(20)).
- c Candidate: Those taxa for which sufficient information on biological status and threats exists to propose to list them as threatened or endangered. We encourage their consideration in environmental planning and partnerships; however, none of the substantive or procedural provisions of the Act apply to candidate species.
- P Proposed threatened: Any species that is proposed in the Federal Register to be listed under section 4 of the Act.
- DM Recovered, delisted, and being monitored Any previously listed species that is now recovered, has been delisted, and is being monitored.
- NL Not listed No designation.
- XE Experimental Essential population An experimental population whose loss would be likely to appreciably reduce the likelihood of the survival of the species in the wild.
- XN Experimental Nonessential population An experimental population of a listed species reintroduced into a specific area that receives more flexible management under the Act.
- CH Critical Habitat The specific areas (i) within the geographic area occupied by a species, at the time it is listed, on which are found those physical or biological features (I) essential to conserve the species and (II) that may require special management considerations or protection; and (ii) specific areas outside the geographic area occupied by the species at the time it is listed upon determination that such areas are essential to conserve the species.
- PS Partial status status in only a portion of the species' range. Typically indicated in a "full" species record where an infraspecific taxon or population, that has a record in the database has USESA status, but the entire species does not. For example, Yellow-billed Cuckoo (*Coccyzus americanus*) is ranked PS:LT. Partial Status Listed Threatened. Designated as Threatened in the Western U.S. Distinct Population Segment (DPS) (subspecies *occidentalis*) The Bald and Golden Eagle Protection Act of 1940 (BGEPA) (16 U.S.C. 668-668c) prohibits anyone, without a permit issued by the Secretary of the Interior, from taking bald or golden eagles, including their parts, nests, or eggs. The BGEPA provides criminal and civil penalties for persons who take, possess, sell, purchase, barter, offer to sell, purchase or barter, transport, export or import, at any time or any manner, any bald eagle ... [or any golden eagle], alive or dead, or any part, nest, or eggth to a degree that causes, or is likely
- BGEPA to cause, based on the best scientific information available, 1) injury to an eagle, 2) a decrease in its productivity, by substantially interfering with normal breeding, feeding, or sheltering behavior, or 3) nest abandonment, by substantially interfering with normal breeding, feeding, or sheltering behavior. In addition to immediate impacts, this definition also covers impacts that result from human-induced alterations initiated around a previously used nest site during a time when eagles are not present, if, upon the eagles return, such alterations agitate or bother an eagle to a degree that injures an eagle or substantially interferes with normal breeding, feeding, or sheltering habits and causes, or is likely to cause, a loss of productivity or nest abandonment.

The Migratory Bird Treaty Act (MBTA) - (16 U.S.C. §§ 703-712, July 3, 1918, as amended 1936, 1960, 1968, 1969, 1974, 1978, 1986 and 1989) implements four treaties that provide for international protection of migratory birds. The statute's language is clear that actions resulting in a "taking" or possession (permanent or temporary) of a protected species, in the absence of a U.S. Fish and Wildlife Service (USFWS) permit or regulatory authorization, are a violation of the MBTA. The MBTA states, "Unless and except as permitted by regulations ... it shall be unlawful at any time, by any means, or in any manner to pursue, hunt, take, capture, kill ... possess, offer for sale, sell ... purchase ... ship, export, import

- MBTA ... transport or cause to be transported ... any migratory bird, any part, nest, or eggs of any such bird [The Act] prohibits the taking, killing, possession, transportation, import and export of migratory birds, their eggs, parts, and nests, except when specifically authorized by the Department of the Interior." The word "take" is defined by regulation as "to pursue, hunt, shoot, wound, kill, trap, capture, or collect, or attempt to pursue, hunt, shoot, wound, kill, trap, capture, or collect." The USFWS maintains a **list of species protected by the MBTA** at 50 CFR 10.13. This list includes over one thousand species of migratory birds, including eagles and other raptors, waterfowl, shorebirds, seabirds, wading birds, and passerines. The USFWS also maintains a **list of species not protected by the MBTA**. MBTA does not protect species that are not native to the United States or species groups not explicitly covered under the MBTA; these include species such as the house (English) sparrow, European starling, rock dove (pigeon), Eurasian collared-dove, and non-migratory upland game birds.
- The 1988 amendment to the Fish and Wildlife Conservation Act mandates the U.S. Fish and Wildlife Service to identify species, subspecies, and populations of all migratory nongame birds that, without additional conservation actions, are likely to become candidates for listing under the Endangered Species Act. Birds of Conservation Concern 2008 (BCC 2008) is the most recent effort to carry out this mandate. The overall goal of this report is to accurately identify the migratory and non-migratory bird species (beyond those already designated as federally threatened or endangered) that represent the Service's highest conservation priorities. BCC10, BCC11, and BCC17 designations represent inclusion on the Birds of Conservation Concern 18t for Bird Conservation Repetively.

Bureau of Land Management (BLM)

BLM Sensitive Species are defined by the BLM 6840 Manual as native species found on BLM-administered lands for which the BLM has the capability to significantly affect the conservation status of the species through management, and either: (1) there is information that a species has recently undergone, is undergoing, or is predicted to undergo a downward trend such that the viability of the species or a distinct population segment of the species is at risk across all or a significant portion of the species range, or; (2) the species depends on ecological refugia or specialized or unique habitats on BLM-administered lands, and there is evidence that such areas are threatened with alteration such that the continued viability of the species in that area would be at risk.

Designation Descriptions

Endangered	Denotes species that are listed as Endangered under the Endangered Species Act
Threatened	Denotes species that are listed as Threatened under the Endangered Species Act
Sensitive	Denotes species listed as Sensitive on BLM lands

U.S. Forest Service (USFS)

Designation Descriptions

Endangered	Listed as Endangered (LE) under	the U.S. Endangered Species Act.
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Threatened Listed as Threatened (LT) under the U.S. Endangered Species Act.

Proposed Any species that is proposed in the Federal Register to be listed under section 4 of the Act.

Candidate Those taxa for which sufficient information on biological status and threats exists to propose to list them as threatened or endangered. We encourage their consideration in environmental planning and partnerships; however, none of the substantive or procedural provisions of the Act apply to candidate species.

U.S. Forest Service Manual (2670.22) defines Sensitive Species on Forest Service lands as those for which population viability is a concern as evidenced by a significant downward trend in population or a significant downward trend in habitat capacity. These designations were last updated in 2011 and they apply only on USFS-administered lands with land management plans finalized prior to 2017. Sensitive Species designations are being replaced by Species of Conservation Concern designations on individual National Forest as revised land management plans are finalized under the 2012 planning rule.

Species of Conservation Concern about the species, character of the species of conservation indicates substantial concern about the species consistive the long-term in the plan area (36 CFR 219.9). Species of Conservation Concern replace regional forester Sensitive Species on individual National Forests as revised land management plans are finalized under the 2012 planning rule.

Acknowledgements

MTNHP and MFWP staff work together on a daily basis to manage information used to evaluate the status of Montana's animal species. We extend our thanks to these individuals and professional biologists that study and work to conserve species across Montana. We also thank a number of private citizens that spend a great deal of their free time contributing valuable information to statewide databases so that species can be better understood and managed.

Selected References

- Abbott, J.C. 2006. Odonata Central: An online resource for the Odonata of North America. Austin, TX. (Accessed: July 28, 2009). www.odonatacentral.com
- Acorn, J. 2004. Damselflies of Alberta: flying neon toothpicks in grass. Edmonton, Alberta: University of Alberta Press. 156 p.
- Brown, C.J.D. 1971. Fishes of Montana. Bozeman, MT: Montana State University. 207 p.
- Flath, D.L. 1984. Vertebrate species of special interest or concern. Helena, MT: Montana Department of Fish, Wildlife and Parks. 76 p.
- Flath, D.L. 1998. Species of special interest or concern. Helena, MT: Montana Department of Fish, Wildlife and Parks. 7 p.
- Frest, T.J. and E.J. Johannes. 1995. Interior Columbia Basin mollusk species of special concern. Final report to the Interior Columbia Basin Ecosystem Management Project, Walla Walla, WA. 274 p. plus appendices.
- Foresman, K.R. 2001. The wild mammals of Montana. Special Publication No. 12. Lawrence, KS: The American Society of Mammalogists. 278 p.
- Hand, R.L. 1969. A distributional checklist of the birds of western Montana. Unpublished manuscript available from the Montana State Library, Helena, MT. 55 p.
- Hendricks, P., B.A. Maxell, S. Lenard, C. Currier, and J. Johnson. 2006. Riparian bat surveys in eastern Montana. Report to the USDI Bureau of Land Management, Montana State Office. Helena, MT: Montana Natural Heritage Program. 13 p. + appendices.
- Hendricks, P., B.A. Maxell, S. Lenard, and C. Currier. 2007. Land mollusk surveys on USFS Northern Region Lands: 2006. Report to the USDA Forest Service, Northern Region. Helena, MT: Montana Natural Heritage Program. 11 pp. + appendices.
- Hendricks, P., B.A. Maxell, S. Lenard, and C. Currier. 2008. Surveys and predicted distribution models for land mollusks on USFS Northern Region Lands: 2007. Report to the USDA Forest Service, Northern Region. Helena, MT: Montana Natural Heritage Program. 12 pp. + appendices.
- Hoffman, R.L. 1999. Checklist of the millipeds of North and Middle America. Special Publication No. 8. Martinsville, VA: Virginia Museum of Natural History. 584 p.
- Hoffmann, R.S. and D.L. Pattie. 1968. A guide to Montana mammals. Missoula, MT: University of Montana Printing Services. 133 p.
- Holton, G.D. and H.E. Johnson. 2003. A field guide to Montana fishes. Third Edition. Helena, MT: Montana Department of Fish, Wildlife, and Parks. 95 p.
- Kohler, S. 1980. Checklist of Montana butterflies (Rhopalocera). Journal of the Lepidopterists' Society 34(1):1-19.
- Lenard, S., J. Carlson, J. Ellis, C. Jones, and C. Tilly. 2003. P.D. Skaar's Montana bird distribution. Sixth edition. Helena, MT: Montana Audubon. 144 p.
- Lenard, S., B.A. Maxell, P. Hendricks, and C. Currier. 2007. Bat Surveys on USFS Northern Region 1 Lands in Montana: 2006. Report to the USDA Forest Service, Northern Region. Montana Natural Heritage Program, Helena, Montana 23 pp. plus appendices.
- Lewis, J.J. 2001. Three new species of subterranean assellids from western North America, with a synopsis of the species of the region (Crustacea: Isopoda: Asellidae). Texas Memorial Museum, Speleological Monographs 5:1-15.
- Maxell, B.A., J.K. Werner, P. Hendricks, and D. Flath. 2003. Herpetology in Montana: a history, status summary, checklists, dichotomous keys, accounts for native, potentially native, and exotic species, and indexed bibliography. Olympia, WA: Society for Northwestern Vertebrate Biology. Northwest Fauna 5: 1-138.
- Miller, K.B. and D.L. Gustafson. 1996. Distribution records of the Odonata of Montana. Bulletin of American Odonatology 3(4):75-88.
- [Montana Fish Wildlife and Parks]. 2005. Montana's comprehensive fish and wildlife conservation strategy. Helena, MT: Montana Fish, Wildlife & Parks. 658 p.
- Montana Natural Heritage Program and Montana Fish Wildlife and Parks. 2009. Montana animal Species of Concern. Helena, MT: Montana Natural Heritage Program and Montana Department of Fish Wildlife and Parks. 17 p.
- NatureServe. 2009. NatureServe Explorer: An on-line encyclopedia of life [web application]. Version 7.1. Arlington, VA. (Accessed: July 28, 2009). explorer.natureserve.org.
- Opler, P.A., H. Pavulaan, R.E. Stanford, and M. Pogue (coordinators). 2006. Butterflies and moths of North America. Bozeman, MT: NBII Mountain Prairie Information Node. (Accessed: July 28, 2009). http://www.butterfliesandmoths.org/
- Paulson, D.R. 2009. Dragonflies and damselflies of the West. Princeton, NJ: Princeton University Press. 535 p.
- Pearson, D.L., C.B. Knisley, and C.J. Kazilek. 2006. A field guide to the tiger beetles of the United States and Canada: identification, natural history, and distribution of the Cicindelidae. New York, NY: Oxford University Press. 227 p.
- Regan, T.J., L.L. Master, and G.A. Hammerson. 2004. Capturing expert knowledge for threatened species assessments: a case study using NatureServe conservation status ranks. Acta Oecologica 26:95-107.
- Roemhild, G. 1975. The damselflies (Zygoptera) of Montana. Montana Agricultural Experiment Station Research Report 87. Bozeman, MT: Montana State University. 53 p.
- Saunders, A.A. 1921. A distributional list of the birds of Montana with notes on the migration and nesting of the better known species. Pacific Coast Avifauna Number 14. Berkeley, CA: Cooper Ornithological Club. 194 p.
- Stagliano, D.M. 2008. Freshwater mussels of Montana. Helena, MT: Montana Natural Heritage Program. 20 p.
- Stagliano, D.M., G.M. Stephens, and W.R. Bosworth. 2007. Aquatic invertebrate Species of Concern on USFS Northern Region Lands. Report to USDA Forest Service, Northern Region. Helena, MT: Montana Natural Heritage Program. 95 pp. + appendices.
- Thompson, L.S. 1982. Distribution of Montana amphibians, reptiles, and mammals. Helena, MT: Montana Audubon Council. 24 p.
- Wang, D. and J.R. Holsinger. 2001. Systematics of the subterranean amphipod genus Stygobromus (Crangonyctidae) in western North America, with emphasis on the hubbsi group. Amphipacifica 3:39-147.
- Werner, J.K., B.A. Maxell, P. Hendricks, and D. Flath. 2004. Amphibians and reptiles of Montana. Missoula, MT: Mountain Press Publishing Company. 262 p.

- Westfall, M.J., Jr. and M.L. May. 1996. Damselflies of North America. Gainesville, FL: Scientific Publishers. 650 p.
- Westfall, M.J. Jr. and M.L. May. 2000. Dragonflies of North America. Revised Edition Gainesville, FL: Scientific Publishers. 940 p.
- Wright, P.L. 1996. Status of rare birds in Montana with comments on known hybrids. Northwest Naturalist 77(3):57-85.

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SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Antrozous pallidus Pallid Bat	Vespertilionidae Bats	G4	S3		Sensitive - Known on Forests (CG)	SENSITIVE	SGCN3	0%	6%	Arid land rock outcrops
					arbon, Musselshell, Powde d data to assess threats and			distribution and low f	ecundity make this s	species intrinsically vulnerab
Blarina brevicauda	Soricidae	G5	S1S3				SGCN1-3	1%	1%	Wetlands
Northern Short-tailed Shrew	Shrews	Species Occurre	nces verified in th	nese Counties: S	heridan		1	1		
los bison	Bovidae	G4	S2				SGCN2	4%	1%	Grasslands
Bison	Bison / Goat / Sheep	Species Occurre	nces verified in th	nese Counties: C	arbon, Gallatin, Lake, Mad	ison, Park, Sanders,	Stillwater, Sweet Grass	5		
Brachylagus idahoensis Pygmy Rabbit	Leporidae Rabbits	G4	S3		Sensitive - Known on Forests (BD)	SENSITIVE	SGCN3	2%	4%	Sagebrush
					eaverhead, Deer Lodge, M ribution within the state ar		ish habitat including de	evelopment and conife	er encroachment ma	y affect long-term
Corynorhinus cownsendii Townsend's Big-eared Bat	Vespertilionidae Bats	G4	53		Sensitive - Known on Forests (BD, BRT, CG, KOOT, LOLO)	SENSITIVE	SGCN3	5%	87%	Caves in forested habita
C ynomys leucurus White-tailed Prairie Dog	Sciuridae Squirrels	Rosebud, Sander	s, Silver Bow, Stillv	vater, Treasure,	Valley, Yellowstone		, , ,	1 /		valli, Richland, Roosevelt, ipied mines threaten long-ter Sagebrush grassland
white-tailed Frame bog	Squirrets	State Rank Reas	nces verified in th on: Within Montana , and faces ongoing	a, this species if	arbon found only in a small geog	raphic area and the t	total population exists	within a few colonies	I . The population app	l bears to have declined over th
Cynomys ludovicianus Black-tailed Prairie Dog	Sciuridae Squirrels	G4	S3		Sensitive - Known on Forests (CG)	SENSITIVE	SGCN3	15%	71%	Grasslands
		Clark, Liberty, M State Rank Reas	ccone, Musselshell on: Across much of	, Petroleum, Phi eastern Montan	llips, Powder River, Prairie	, Richland, Rosebud, eas with suitable soil	Stillwater, Sweet Gras and topography. Howe	s, Toole, Treasure, Va ver sylvatic plague ha	alley, Wheatland, Ye is caused the species	s to decline and has affected
		G4	S3		Sensitive - Known on Forests (BD, CG)	SENSITIVE	SGCN3, SGIN	5%	27%	Cliffs with rock crevices
Euderma maculatum Spotted Bat	Vespertilionidae Bats									
		Madison, Mussels State Rank Reas	hell, Park, Phillips	, Powder River, I about this speci	eaverhead, Big Horn, Blair Richland, Rosebud, Silver E es in Montana. Although w	low, Stillwater, Treas	sure, Yellowstone			tith Basin, Lewis and Clark, bout treats, trends in
		Madison, Mussels State Rank Reas	hell, Park, Phillips on: Little is known	, Powder River, I about this speci	Richland, Rosebud, Silver E	low, Stillwater, Treas	sure, Yellowstone			

Eastern Red Bat	Vespertilionidae	G3G4	S3			SENSITIVE		0%	46%	Riparian forest
Lustennieu Dat	Bats				g Horn, Blaine, Carbon, C Prairie, Richland, Roose					sin, Lewis and Clark, Mccone,
		State Rank Reaso	on: Recent survey	s using acoustic de	, , ,	species to be present	across much of central	and eastern Montan	a during the summ	er and fall. Tree roosting bat e state.
Lasiurus cinereus	Vespertilionidae	G3G4				SENSITIVE	SGCN3	2%	100%	Riparian and forest
Hoary Bat	Bats	Gallatin, Garfield	l, Glacier, Golden ps, Pondera, Powo	Valley, Granite, H	lill, Jefferson, Judith Bas	sin, Lake, Lewis and C	lark, Liberty, Lincoln, <i>N</i>	adison, Mccone, Me	agher, Mineral, Mis	Lodge, Fallon, Fergus, Flathead soula, Musselshell, Park, , Toole, Treasure, Valley,
Lynx canadensis	Felidae	G5	S3	LT; CH		THREATENED	SGCN3	1%	40%	Subalpine conifer forest
Čanada Lynx	Cats	Species Occurre	nces verified in t	hese Counties: Ca	rbon, Flathead, Gallatin	, Glacier, Granite, Lal	ke, Lewis and Clark, Lind	coln, Missoula, Park,	Pondera, Powell,	Stillwater, Sweet Grass, Teton
Mustela nigripes	Mustelidae	G1	S1	LE; XN		ENDANGERED	SGCN1	12%	1%	Grasslands
Black-footed Ferret	Weasels	Species Occurre	nces verified in t	hese Counties: Big	g Horn, Blaine, Fergus, G	arfield, Petroleum, Pl	hillips, Valley			
Myotis evotis	Vespertilionidae	G5	S3					12%	100%	Forest
Long-eared Myotis	Bats	Garfield, Glacier, Pondera, Powder	, Golden Valley, G River, Powell, Pr	iranite, Hill, Jeffer	rson, Judith Basin, Lake,	Lewis and Clark, Linc	coln, Madison, Mccone, A y, Stillwater, Sweet Gras	Meagher, Mineral, Mi s, Teton, Toole, Tre	ssoula, Musselshell asure, Valley, Whe	ergus, Flathead, Gallatin, , Park, Petroleum, Phillips, atland, Wibaux, Yellowstone
Myotis lucifugus Little Brown Myotis	Vespertilionidae Bats	G3G4	S3				SGCN3	3%	100%	Generalist
		Phillips, Pondera, Wibaux, Yellowst State Rank Reaso	, Powder River, Po	owell, Prairie, Rava	alli, Richland, Roosevelt	, Rosebud, Sanders, Sl	heridan, Silver Bow, Still	water, Sweet Grass	Teton, Toole, Tre	usselshell, Park, Petroleum, asure, Valley, Wheatland, onsible for the collapse of
Myotis septentrionalis Northern Myotis	Vespertilionidae	G2G3	S2	LT		THREATENED		0%	8%	Riparian and mixed fores
		Populations of the its eventual sprea	is species in the e ad to the state pre	astern US have un	to occupy specific habi dergone catastrophic de al threat to the persisten	clines due to White-N ce of this species.	ose Syndrome, a fungal	disease of bats. Alth	ough WNS is not k	nown to be present in Montana,
Myotis thysanodes Fringed Myotis	Vespertilionidae Bats	G4	S3			SENSITIVE	SGCN3	0%	64%	Riparian and dry mixed conifer forest
		Basin, Lake, Lewi State Rank Reaso	is and Clark, Linco on: Although this s	oln, Madison, Meag species is distribut	her, Mineral, Missoula, P	owder River, Powell, ma, recent surveys ha	Prairie, Ravalli, Rosebue ave found it to be uncom	d, Sanders, Silver Bo mon within range. S	w, Teton, Treasure opecies occasionall	llatin, Granite, Jefferson, Judith 9 y uses caves to over-winter so
Myotis volans	Vespertilionidae	G4G5	S3					8%	100%	Conifer forest
Long-legged Myotis	Bats	Species Occurre	nces verified in t	hese Counties: Be	averbead Big Horn Blai	no Prosductor Carb	an Cartar Casada Ch	autoau Custar Dau	son Deerlodge F	
		Granite, Jefferso	n, Judith Basin, L	ake, Lewis and Cla		agher, Mineral, Misso				ergus, Flathead, Gallatin, ell, Ravalli, Richland, Rosebud,
Myotis yumanensis	Vespertilionidae	Granite, Jefferso	n, Judith Basin, L	ake, Lewis and Cla	rk, Lincoln, Madison, Me	agher, Mineral, Misso				ell, Ravalli, Richland, Rosebud,
Myotis yumanensis Yuma Myotis	Vespertilionidae Bats	Granite, Jefferso Sanders, Silver Bo G5 Species Occurren State Rank Reaso responsible for th	n, Judith Basin, L ow, Sweet Grass, S3 nces verified in t on: In Montana po ne deaths of millio	ake, Lewis and Cla Teton, Treasure, V hese Counties: Fla pulations of this sp	rk, Lincoln, Madison, Me alley, Wheatland, Yellov thead, Lincoln, Mineral, vecies are believed to be f closely related species	agher, Mineral, Missor vstone Missoula, Powell, Sar stable. However, the	SGIN SGIN ders e threat of catastrophic	etroleum, Phillips, F 4% decline from White-	Powder River, Powe	Riparian and mixed forest fungal disease of bats
Yuma Myotis		Granite, Jefferso Sanders, Silver Bo G5 Species Occurrer State Rank Reaso responsible for th confirmed the sur	n, Judith Basin, L ow, Sweet Grass, S3 nces verified in t on: In Montana po ne deaths of millio	ake, Lewis and Cla Teton, Treasure, V hese Counties: Fla pulations of this sp ons of individuals o s species to WNS in	rk, Lincoln, Madison, Me alley, Wheatland, Yellov thead, Lincoln, Mineral, becies are believed to be of closely related species fection.	agher, Mineral, Missor vstone Missoula, Powell, Sar stable. However, the	SGIN SGIN ders e threat of catastrophic	etroleum, Phillips, F 4% decline from White-	Powder River, Powe	Riparian and mixed forest fungal disease of bats
Yuma Myotis Pekania pennanti	Bats Mustelidae	Granite, Jefferso Sanders, Silver Bo G5 Species Occurrer State Rank Reaso responsible for th confirmed the sus G5	n, Judith Basin, L ow, Sweet Grass, S3 nces verified in t on: In Montana po ne deaths of millio sceptibility of this S3	ake, Lewis and Cla Teton, Treasure, V hese Counties: Fla pulations of this sp ons of individuals o s species to WNS in	rk, Lincoln, Madison, Me alley, Wheatland, Yellov thead, Lincoln, Mineral, becies are believed to be of closely related species fection. Sensitive - Known on Forests (BD, BRT, KOOT, LOLO)	agher, Mineral, Misson vstone Missoula, Powell, Sar stable. However, the in other areas, prese SENSITIVE	SGIN SGIN ders e threat of catastrophic ents a treat of substantia	etroleum, Phillips, F 4% decline from White- Il declines within th 1%	Powder River, Powe 0% Nose Syndrome, a e state. Recent obs 31%	Riparian and mixed forest fungal disease of bats revations from Washington have
Yuma Myotis Pekania pennanti Fisher	Bats Mustelidae	Granite, Jefferso Sanders, Silver Bo Species Occurren State Rank Reaso responsible for th confirmed the sus G5 Species Occurren	n, Judith Basin, L ow, Sweet Grass, S3 nces verified in t on: In Montana po ne deaths of millio sceptibility of this S3	ake, Lewis and Cla Teton, Treasure, V hese Counties: Fla pulations of this sp ons of individuals o s species to WNS in	rk, Lincoln, Madison, Me alley, Wheatland, Yellov thead, Lincoln, Mineral, becies are believed to be of closely related species fection. Sensitive - Known on Forests (BD, BRT, KOOT, LOLO)	agher, Mineral, Misson vstone Missoula, Powell, Sar stable. However, the in other areas, prese SENSITIVE	SGIN SGIN ders e threat of catastrophic ents a treat of substantia	etroleum, Phillips, F 4% decline from White- Il declines within th 1%	Powder River, Powe 0% Nose Syndrome, a e state. Recent obs 31%	Riparian and mixed forest fungal disease of bats servations from Washington have Mixed conifer forests
Yuma Myotis Pekania pennanti Fisher Perognathus parvus Columbia Plateau Pocket	Bats Mustelidae Weasels Heteromyidae Pocket Mice / Kangaroo	Granite, Jefferso Sanders, Silver Bo Species Occurrer State Rank Reasc responsible for th confirmed the su: G5 Species Occurrer Teton G5	n, Judith Basin, L ow, Sweet Grass, ' S3 nces verified in t on: In Montana po te deaths of millic sceptibility of this S3 nces verified in t S3	ake, Lewis and Cla Teton, Treasure, V hese Counties: Fla pulations of this sp ons of individuals o s species to WNS in hese Counties: Be	rk, Lincoln, Madison, Me alley, Wheatland, Yellov athead, Lincoln, Mineral, becies are believed to be of closely related species of closely related species	agher, Mineral, Missor vstone Missoula, Powell, Sar stable. However, the in other areas, prese SENSITIVE lathead, Glacier, Gra	ula, Musselshell, Park, P SGIN Iders e threat of catastrophic ents a treat of substantia SGCN3 nite, Lake, Lewis and Cl	etroleum, Phillips, F 4% decline from White- Il declines within th 1% ark, Lincoln, Minera	Powder River, Powe 0% Nose Syndrome, a e state. Recent obs 31% I, Missoula, Ponder	Riparian and mixed forest fungal disease of bats servations from Washington have Mixed conifer forests a, Powell, Ravalli, Sanders,
Yuma Myotis Pekania pennanti Fisher Perognathus parvus Columbia Plateau Pocket	Bats Mustelidae Weasels Heteromyidae Pocket Mice / Kangaroo	Granite, Jefferso Sanders, Silver Bo Species Occurrer State Rank Reasc responsible for th confirmed the su: G5 Species Occurrer Teton G5	n, Judith Basin, L ow, Sweet Grass, ' S3 nces verified in t on: In Montana po te deaths of millic sceptibility of this S3 nces verified in t S3	ake, Lewis and Cla Teton, Treasure, V hese Counties: Fla pulations of this sp ons of individuals o s species to WNS in hese Counties: Be	rk, Lincoln, Madison, Me alley, Wheatland, Yellov athead, Lincoln, Mineral, becies are believed to be of closely related species ofection. Sensitive - Known on Forests (BD, BRT, KOOT, LOLO) averhead, Deer Lodge, F Sensitive - Suspected on Forests (BD)	agher, Mineral, Missor vstone Missoula, Powell, Sar stable. However, the in other areas, prese SENSITIVE lathead, Glacier, Gra	ula, Musselshell, Park, P SGIN Iders e threat of catastrophic ents a treat of substantia SGCN3 nite, Lake, Lewis and Cl	etroleum, Phillips, F 4% decline from White- Il declines within th 1% ark, Lincoln, Minera	Powder River, Powe 0% Nose Syndrome, a e state. Recent obs 31% I, Missoula, Ponder	Riparian and mixed forest fungal disease of bats servations from Washington have Mixed conifer forests a, Powell, Ravalli, Sanders,

Sorex eximius Western Pygmy Shrew	Soricidae Shrews	GNR	53				SGCN3	1%	15%	Open conifer forest, grasslands, and shrublands, often near water
			on: Observations o				and Clark, Lincoln, Miss hreats. Species may only			n, Valley e vulnerable than many small
Sorex merriami	Soricidae	G4	S3				SGCN3	9 %	57%	Sagebrush grassland
Merriam's Shrew	Shrews		nces verified in th on, Valley, Wheatl		averhead, Big Horn, Ca	bon, Carter, Cascade,	Chouteau, Custer, Hill, <i>I</i>	Accone, Park, Petro	leum, Phillips, Pov	der River, Prairie, Rosebud,
Sorex nanus	Soricidae	G4	S2S3				SGCN2-3	14%	67%	Rocky habitat
Dwarf Shrew	Shrews	State Rank Reason mammal species.	on: Observations o					breed once in its b	prief life, so is mor	e vulnerable than many small
Sorex preblei	Soricidae	G4	S3				SGCN3	28%	79%	Sagebrush grassland
Preble ⁱ s Shrew	Shrews	Madison, Missoula	a, Phillips, Powell, on: Observations o	Ravalli, Sheridan	, Silver Bow, Sweet Gras	ss, Teton, Valley, Whea	tland			Lewis and Clark, Lincoln, e vulnerable than many small
Synaptomys borealis Northern Bog Lemming	Cricetidae New World Mice / Rats / Voles	G5	S2		Sensitive - Known on Forests (BD, BRT, KOOT, LOLO)		SGCN2, SGIN	1%	14%	Conifer forest wetland
		State Rank Reas	on: Although popul	lations of this spe	cies exist across much o	of western Montana, mo	Lincoln, Missoula, Raval st appear isolated due t ats and isolation of popu	o the species-speci		nents and total area occupied is pation.
Ursus arctos	Ursidae	G4	S2S3	PS: LT; XN		THREATENED	SGCN2-3	1%	22%	Conifer forest
Grizzly Bear	Bears									, Hill, Jefferson, Judith Basin, Toole, Wheatland, Yellowstone
Vulpes velox	Canidae	G3	S3			SENSITIVE	SGCN3	1%	69%	Grasslands
Swift Fox	Wolves / Coyotes / Foxes									

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Accipiter gentilis	Accipitridae	G5	S3	MBTA			SGCN3	2%	68 %	Mixed conifer forests
Northern Goshawk	Hawks / Kites / Eagles						ter, Cascade, Deer Lodg Ier River, Powell, Raval			anite, Jefferson, Judith Basi r, Sweet Grass, Teton,
Aechmophorus clarkii Clark's Grebe	Podicipedidae Grebes	G5	S3B	MBTA; BCC10; BCC11			SGCN3	1%	2%	Lakes, ponds, reservoirs
		Species Occurre	nces verified in t	hese Counties: Lal	ke, Lewis and Clark, Ph	illips, Teton				
Ammospiza leconteii	Passerellidae	G5	S3B	MBTA; BCC11			SGCN3	1%	13%	Prairie wetland
LeConte's Sparrow	New World Sparrows	Species Occurrer	nces verified in t	hese Counties: Fla	athead, Lake, Roosevelt	, Sheridan				
Ammospiza nelsoni	Passerellidae	G5	S3B	MBTA			SGCN3	0%	3%	Prairie wetland
Nelson's Sparrow	New World Sparrows	Species Occurrer	nces verified in t	hese Counties: Da	niels, Roosevelt, Sheric	an, Valley	·			
Anthus spragueii Sprague's Pipit	Motacillidae Pipits	G3G4	S3B	MBTA; BCC11; BCC17		SENSITIVE	SGCN3	18%	67%	Grasslands
		and Clark, Liberty Wheatland, Wiba State Rank Reaso	y, Madison, Mccor ux on: Although popu	ne, Meagher, Musse ulation trends in Mo	elshell, Park, Petroleum	, Phillips, Pondera, Pratively stable in recen	airie, Richland, Rooseve t years, populations hav	elt, Rosebud, Sheridai	n, Stillwater, Sweet (alley, Hill, Judith Basin, Lew Grass, Teton, Toole, Valley, he species faces threats fron

Aquila chrysaetos	Accipitridae	G5	S3	BGEPA; MBTA		SENSITIVE	SGCN3	3%	100%	Grasslands
Golden Eagle	Hawks / Kites / Eagles	Gallatin, Garfiel	d, Glacier, Golde a, Powder River, F	n Valley, Granite, H		sin, Lake, Lewis and C	lark, Liberty, Lincoln, A	Nadison, Mccone, Me	agher, Missoula, Mu	llon, Fergus, Flathead, sselshell, Park, Petroleum, sure, Valley, Wheatland,
Ardea herodias	Ardeidae	G5	S3	MBTA			SGCN3	3%	100%	Riparian forest
Great Blue Heron	Bitterns / Egrets / Herons / Night-Herons	Gallatin, Garfiel Petroleum, Phill Wibaux, Yellows	d, Glacier, Golde ips, Pondera, Pov tone	n Valley, Granite, H vder River, Powell, F		sin, Lake, Lewis and C I, Roosevelt, Rosebud	lark, Liberty, Lincoln, A , Sanders, Sheridan, Silv	Madison, Mccone, Me ver Bow, Stillwater, S	agher, Mineral, Miss Sweet Grass, Teton,	oula, Musselshell, Park, Treasure, Valley, Wheatland
Artemisiospiza	Passerellidae	G5	S3B	MBTA		SENSITIVE	SGCN3	0%	13%	Sagebrush
levadensis Sagebrush Sparrow	New World Sparrows		1	-1	averhead, Carbon, Galla		1	1	1	1
Athene cunicularia Burrowing Owl	Strigidae Owls	G4	S3B	MBTA; BCC17	Sensitive - Known on Forests (CG)	SENSITIVE	SGCN3	2%	82%	Grasslands
		Golden Valley, H Teton, Toole, Tr	łill, Jefferson, Le easure, Valley, W		ty, Madison, Mccone, Mu one					Gallatin, Garfield, Glacier, sebud, Sheridan, Stillwater,
Botaurus lentiginosus	Ardeidae	G5	S3B	MBTA		SENSITIVE	SGCN3	4%	100%	Wetlands
American Bittern	Bitterns / Egrets / Herons / Night-Herons	Sanders, Sherida State Rank Reas	n, Teton, Valley, on: The America	, Yellowstone n Bittern is depende						owell, Ravalli, Roosevelt,
Suteo regalis	Accipitridae	G4	S3B	MBTA; BCC17		SENSITIVE	SGCN3	11%	95%	Sagebrush grassland
Ferruginous Hawk	Hawks / Kites / Eagles	Valley, Hill, Jeff Stillwater, Tetor	erson, Judith Bas n, Toole, Valley, N	in, Lewis and Clark, Wheatland, Wibaux,	Liberty, Madison, Mccor	ne, Meagher, Musselsh	ell, Park, Petroleum, P	hillips, Pondera, Pov	vder River, Prairie, I	Garfield, Glacier, Golden Roosevelt, Rosebud, Sheridar
Calcarius ornatus Chestnut-collared	Calcariidae Longspurs and Snow	G5	S2B	MBTA; BCC11; BCC17		SENSITIVE	SGCN2	32%	67%	Grasslands
Longspur	Buntings	Basin, Lewis and Wheatland, Wiba State Rank Reas	l Clark, Liberty, N aux, Yellowstone	Accone, Musselshell, a negative short-terr	Petroleum, Phillips, Pov	wder River, Prairie, Ri	chland, Roosevelt, Rose	ebud, Sheridan, Stilly	water, Sweet Grass,	, Golden Valley, Hill, Judith Teton, Toole, Valley, ensity, and spatial distributio
Catharus fuscescens	Turdidae	G5	S3B	MBTA		SENSITIVE	SGCN3	6%	100%	Riparian forest
Veery	Thrushes	Jefferson, Lake,	Lewis and Clark,	Liberty, Lincoln, Ma		r, Mineral, Missoula, N				Gallatin, Glacier, Granite, Hi owell, Ravalli, Richland,
Centrocercus Irophasianus Greater Sage-Grouse	Phasianidae Upland Game Birds	G3G4	S2		Sensitive - Known on Forests (BD) Sensitive - Suspected on Forests (CG)	SENSITIVE	SGCN2	17%	75%	Sagebrush
										us, Gallatin, Garfield, Golde ey, Wheatland, Wibaux,
C entronyx bairdii Baird's Sparrow	Passerellidae New World Sparrows	G4	S3B	MBTA; BCC11; BCC17		SENSITIVE	SGCN3	27%	67%	Grasslands
		Meagher, Mussel Yellowstone	shell, Petroleum,	, Phillips, Powder Riv	vine, Carter, Cascade, Cl ver, Prairie, Richland, R ving until recently and th	oosevelt, Rosebud, Sh	eridan, Stillwater, Swee	et Grass, Teton, Too	e, Treasure, Valley	nd Clark, Liberty, Mccone, , Wheatland, Wibaux,
Certhia americana	Certhiidae	G5	S3	MBTA		peeree is deedi ling	SGCN3	4%	53%	Moist conifer forests
Brown Creeper	Creepers		1		l averhead, Broadwater, (Carbon, Carter, Cascad	1		1	

Charadrius melodus Piping Plover	Charadriidae Plovers	G3	S2B	LT; CH; MBTA		THREATENED	SGCN2	4%	11%	Prairie lakes and river shorelines
		Species Occurre	ences verified in	these Counties: Da	wson, Garfield, Mccone	, Phillips, Pondera, Ric	chland, Roosevelt, Sheri	dan, Valley		
Charadrius montanus Mountain Plover	Charadriidae Plovers	G3	S2B	MBTA; BCC10; BCC11; BCC17		SENSITIVE	SGCN2	20%	73%	Grasslands
		Species Occurre Treasure, Valley		these Counties: Bla	aine, Broadwater, Carbo	n, Fergus, Garfield, G	olden Valley, Jefferson,	Madison, Musselshe	ell, Petroleum, Philli	ips, Rosebud, Teton, Toole,
Chlidonias niger Black Tern	Laridae Gulls / Terns	G4G5	S3B	MBTA; BCC10; BCC11; BCC17		SENSITIVE	SGCN3	7%	100%	Wetlands
		Sanders, Sherida	n, Teton, Yellows	tone	aine, Carter, Cascade, C pulation size and negativ			alley, Lake, Madiso	n, Missoula, Phillips	, Pondera, Powell, Roosevelt
Cistothorus stellaris	Troglodytidae	G5	S3B	MBTA			SGCN3	1%	4%	Prairie wetland
Sedge Wren	Wrens	Species Occurre	ences verified in	these Counties: Ro	osevelt, Sheridan					
Coccothraustes	Fringillidae	G5	S3	MBTA; BCC10			SGCN3	3%	100%	Conifer forest
vespertinus Evening Grosbeak	Finches	Basin, Lake, Lew Wheatland	is and Clark, Linc	oln, Madison, Meag	her, Mineral, Missoula, A	Musselshell, Park, Pond	dera, Powder River, Pow	ell, Ravalli, Sander	s, Silver Bow, Stillw	y, Granite, Jefferson, Judith ater, Sweet Grass, Teton, Bonter and Harvey 2008).
Coccyzus americanus	Cuculidae	G5	S3B	PS: LT; MBTA		THREATENED	SGCN3, SGIN	1%	50%	Prairie riparian fores
Yellow-billed Cuckoo	Cuckoos	Species Occurre Yellowstone	ences verified in	these Counties: Big	g Horn, Carbon, Carter,	Chouteau, Custer, Gall	latin, Lake, Madison, Mis	soula, Phillips, Pov	/der River, Richland	, Rosebud, Stillwater, Wibaux
Coccyzus erythropthalmus	Cuculidae Cuckoos	G5	S3B	MBTA; BCC11; BCC17		SENSITIVE	SGCN3, SGIN	4%	95%	Riparian forest
Black-billed Cuckoo					g Horn, Cascade, Choute /alley, Wibaux, Yellows		allon, Fergus, Garfield,	Mccone, Musselshel	l, Petroleum, Phillip	s, Powder River, Prairie,
Coturnicops noveboracensis	Rallidae Rails	G4	S3B	MBTA; BCC10; BCC11		SENSITIVE	SGCN3	1%	5%	Wetlands
Yellow Rail		Species Occurre	ences verified in	these Counties: Ga	llatin, Phillips, Rooseve	lt, Sheridan				
Cygnus buccinator Trumpeter Swan	Anatidae Swans / Geese / Ducks	G4	S3	MBTA	Sensitive - Known on Forests (BD, CG)	SENSITIVE	SGCN3	2%	9%	Lakes, ponds, reservoi
		Species Occurre	ences verified in	these Counties: Be	averhead, Flathead, Lal	ke, Lewis and Clark, Ma	adison, Missoula, Park, F	Powell		
C ypseloides niger Black Swift	Apodidae Swifts	G4	S1B	MBTA; BCC10	Species of Conservation Concern on Forests (FLAT)		SGCN1, SGIN	5%	19%	Waterfalls
		Species Occurre	ences verified in	these Counties: Ca	rbon, Flathead, Glacier	, Lake, Lincoln, Missou	ıla, Ravalli		1	
		State Rank Reas	on: Species is lim			fic features for nesting	g that are rare on the la	ndscape making it	ulnerable to extirpa	ation in all or part of its rang
Dolichonyx oryzivorus Bobolink	Icteridae Blackbirds	G5	S3B	MBTA; BCC10; BCC11; BCC17			SGCN3	9 %	100%	Moist grasslands
		Garfield, Glacier Prairie, Ravalli,	r, Granite, Hill, Je Richland, Rooseve	efferson, Judith Bas elt, Rosebud, Sande	sin, Lake, Lewis and Clar ers, Sheridan, Stillwater,	rk, Liberty, Madison, M Sweet Grass, Teton, N	Accone, Meagher, Missou Valley, Wheatland, Wiba	la, Musselshell, Par ux, Yellowstone	k, Petroleum, Phillip	n, Fergus, Flathead, Gallatin, os, Powder River, Powell, rounding states and provinces
Oryocopus pileatus	Picidae	G5	S3				SGCN3	1%	1	
Pileated Woodpecker	Woodpeckers	Species Occurre	ences verified in			Cascade, Deer Lodge,				d Clark, Lincoln, Madison,
Empidonax alnorum	Tvrannidae	G5	S3B	MBTA			SGCN3	0%	1%	Woody wetlands
Alder Flycatcher	Flycatchers			these Counties: Te	ton	I				
F alco peregrinus Peregrine Falcon	Falconidae Falcons	G4	S3	DM; MBTA	Sensitive - Known on Forests (BD, BRT, CG, KOOT, LOLO)	SENSITIVE	SGCN3	2%	100%	Cliffs / canyons
					averhead, Big Horn, Bla		on, Cascade, Chouteau, alli, Sanders, Silver Bow			r, Granite, Jefferson, Lake, , Treasure, Yellowstone

Common Loon	Gaviidae Loons	G5	S3B	MBTA	Sensitive - Known on Forests (KOOT, LOLO)		SGCN3	1%	14%	Mountain lakes w emergent veg
		Species Occurre	ences verified in	these Counties: Fla	athead, Glacier, Lake, Le	ewis and Clark, Lincoln	, Missoula, Powell, Sanc	lers		•
Grus americana	Gruidae	G1	S1M	LE; MBTA		ENDANGERED	SGCN1	0%	0%	Wetlands
Whooping Crane	Cranes	State Rank Reas	son: The federally the species was cl	/ endangered Whoop		migrate across the eas				r is found to the east in th is still very rare across its
Gymnorhinus cyanocephalus	Corvidae Jays / Crows / Magpies	G3	S3	MBTA; BCC10; BCC17			SGCN3	5%	55%	Open conifer fore
Pinyon Jay					g Horn, Blaine, Broadwat River, Rosebud, Stillwat			r, Fergus, Gallatin,	Garfield, Golden Va	alley, Jefferson, Lewis and
Haemorhous cassinii	Fringillidae	G5	S3	MBTA; BCC10			SGCN3	11%	62%	Drier conifer fore
Cassin's Finch	Finches	Granite, Jeffers Silver Bow, Stilly	on, Judith Basin, I water, Sweet Gras	Lake, Lewis and Cla ss, Teton, Wheatlan	rk, Lincoln, Madison, Me	eagher, Mineral, Missou				, Glacier, Golden Valley, Il, Ravalli, Rosebud, Sando
Himantopus mexicanus		G5	S3B	MBTA			SGCN3	1%	8%	Wetlands
Black-necked Stilt	Avocets		1	1	scade, Chouteau, Gallat	in, Glacier, Golden Va			ps, Ravalli, Stillwate	er, Teton, Yellowstone
Histrionicus histrionicus Harlequin Duck	Anatidae Swans / Geese / Ducks	G4	S2B	MBTA	Sensitive - Known on Forests (BD, CG, KOOT, LOLO)		SGCN2	4%	40%	Mountain stream
					rbon, Flathead, Glacier, mely limited breeding r		ark, Lincoln, Mineral, Mi	ssoula, Park, Ponde	era, Powell, Sanders	, Sweet Grass, Teton
				1			6660	00/	4%	Large rivers, lak
	Laridae	G5	S2B	MBTA		SENSITIVE	SGCN2	0%	4%	Large rivers, lak
Hydroprogne caspia Caspian Tern	Gulls / Terns	Species Occurre	ences verified in	these Counties: Bro	padwater, Garfield, Lake		ndera, Powell, Sheridan	, Teton, Toole, Vall	ey	
Caspian Tern xoreus naevius		Species Occurre G5 Species Occurre Mineral, Missoula	ences verified in S3B ences verified in a, Park, Pondera, son: The Varied T	these Counties: Bro MBTA these Counties: Bro Powell, Ravalli, Sar	padwater, Cascade, Flat Inders, Teton	e, Mccone, Phillips, Por head, Gallatin, Glacier	ndera, Powell, Sheridan SGCN3 r, Golden Valley, Granite	, Teton, Toole, Vall 1% e, Judith Basin, Lak	ey 37% e, Lewis and Clark,	Moist conifer fore
Caspian Tern Ixoreus naevius Varied Thrush Lagopus leucura	Gulls / Terns Turdidae Thrushes Phasianidae	Species Occurre G5 Species Occurre Mineral, Missouli State Rank Reas	ences verified in S3B ences verified in a, Park, Pondera, son: The Varied T	these Counties: Bro MBTA these Counties: Bro Powell, Ravalli, Sar	padwater, Cascade, Flat Inders, Teton	e, Mccone, Phillips, Por head, Gallatin, Glacier	ndera, Powell, Sheridan SGCN3 r, Golden Valley, Granite	, Teton, Toole, Vall 1% e, Judith Basin, Lak	ey 37% e, Lewis and Clark,	Moist conifer fore Lincoln, Madison, Meaghe utbreak, and fire result ir Alpine
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				hese Counties: Big Sweet Grass, Yell		Deer Lodge, Flathead	l, Granite, Jefferson, La	ake, Lewis and Clark	, Lincoln, Missoula,	Musselshell, Powder River,
Nucifraga columbiana Clark's Nutcracker	Corvidae Jays / Crows / Magpies	G5	53	MBTA	Species of Conservation Concern on Forests (FLAT)		SGCN3	9%	84%	Conifer forest
		Valley, Granite, .	Jefferson, Judith I	Basin, Lake, Lewis		oln, Madison, Meagher				Gallatin, Glacier, Golden dera, Powder River, Powell,
	Scolopacidae	G5	S3B	MBTA; BCC11		SENSITIVE	SGCN3	19%	100%	Grasslands
Long-billed Curlew	Sandpipers	Gallatin, Garfield	l, Glacier, Golden	Valley, Granite, H	lill, Jefferson, Judith Ba	sin, Lake, Lewis and C	lark, Liberty, Madison,	Mccone, Meagher, N	Nissoula, Musselshell	odge, Fallon, Fergus, Flathead , Park, Petroleum, Phillips, Iley, Wheatland, Wibaux,
Nycticorax nycticorax	Ardeidae	G5	S3B	MBTA			SGCN3	1%	45%	Wetlands
Black-crowned Night- Heron	Bitterns / Egrets / Herons / Night-Herons	Species Occurre	nces verified in t	hese Counties: Be	eaverhead, Cascade, Cho	uteau, Deer Lodge, Ph	nillips, Ravalli, Rooseve	lt, Sheridan, Teton	1	
	Mimidae	G4	S3B	MBTA		SENSITIVE	SGCN3	9%	84%	Sagebrush
Sage Thrasher	Thrashers / Mockingbirds / Catbirds				eaverhead, Big Horn, Bro der River, Prairie, Richla					, Jefferson, Lewis and Clark, vstone
Pelecanus	Pelecanidae	G4	S3B	MBTA			SGCN3	6%	1%	Lakes, ponds, reservoirs
erythrorhynchos American White Pelican	Pelicans				oadwater, Phillips, Pond at five sites in Montana.			the species is poter	ntially at risk of dec	ines.
Picoides arcticus Black-backed Woodpecker	Picidae Woodpeckers	G5	53	MBTA	Sensitive - Known on Forests (BD, BRT, CG, KOOT, LOLO)	SENSITIVE	SGCN3	2%	49%	Conifer forest burns
		Species Occurre	nces verified in t	hese Counties: Br	oadwater, Flathead, Gal	latin, Lewis and Clark,	, Lincoln, Madison, Mine	eral, Missoula, Powd	er River, Powell, Ra	valli, Rosebud, Sanders
Pipilo chlorurus	Passerellidae	G5	S3B	MBTA			SGCN3	3%	60%	Shrub woodland
Green-tailed Towhee	New World Sparrows	Lewis and Clark,	Madison, Meagher	r, Musselshell, Parl	eaverhead, Big Horn, Bla k, Petroleum, Phillips, Po ss the Northern Rockies	owder River, Silver Boy	w, Stillwater, Sweet Gra			ranite, Jefferson, Judith Basin
Plegadis chihi	Threskiornithidae	G5	S3B	MBTA		SENSITIVE	SGCN3	4%	45%	Wetlands
White-faced Ibis	lbises				eaverhead, Carter, Casca eeding sites, the species			Teton		
Podiceps auritus	Podicipedidae	G5	S3B	MBTA		SENSITIVE	SGCN3	3%	77%	Wetlands
Horned Grebe	Grebes	Species Occurre	nces verified in t	hese Counties: Ca	scade, Chouteau, Flathe	ead, Lake, Phillips, Pov	well, Sheridan, Teton		·	
Poecile hudsonicus	Paridae	G5	S3	MBTA			SGCN3	1%	14%	Spruce-fir forests
Boreal Chickadee	Chickadees	Species Occurre	nces verified in t	hese Counties: Fla	athead, Glacier, Lincoln	, Teton				
Polioptila caerulea Blue-gray Gnatcatcher	Polioptilidae Gnatcatchers	G5	S3B	MBTA	Sensitive - Known on Forests (CG)	SENSITIVE	SGCN2	0%	1%	Utah juniper
		Species Occurre	nces verified in t	hese Counties: Be	averhead, Broadwater,	Carbon, Jefferson				
Psiloscops flammeolus Flammulated Owl	Strigidae Owls	G4	S3B	MBTA; BCC10	Sensitive - Known on Forests (BD, BRT, KOOT, LOLO) Sensitive - Suspected on Forests (CG) Species of Conservation Concern on Forests (FLAT, HLC)	SENSITIVE	SGCN3	2%	36%	Dry conifer forest
			nces verified in t	hese Counties: Be	averhead, Broadwater,	Flathead, Gallatin, Gra	anite, Jefferson, Lake,	Lewis and Clark, Lin	coln, Madison, Mine	ral, Missoula, Powell, Ravalli,
Rhynchophanes mccownii	Calcariidae Longspurs and Snow	Sanders G4	S3B	MBTA; BCC10; BCC11; BCC17		SENSITIVE	SGCN3	41%	79%	Grasslands
Thick-billed Longspur	Buntings									

		Mccone, Mussels State Rank Reas	hell, Petroleum, I on: Species faces	Phillips, Pondera, Rooseve threats from cover type	ead, Blaine, Broadwater, Chouteau, Dan elt, Rosebud, Sheridan, Stillwater, Swee conversion and altered grazing and fire uch of the species' global breeding range	t Grass, Teton, Toole, Va regimes, and although po	lley, Wheatland, Y	ellowstone	· · · ·
Spizella breweri	Passerellidae	G5	S3B	MBTA	SENSITIVE	SGCN3	12%	100%	Sagebrush
Brewer's Sparrow	New World Sparrows	Garfield, Glacier River, Powell, Pr	r, Golden Valley, rairie, Ravalli, Ric on: Species faces	Granite, Hill, Jefferson, L chland, Roosevelt, Rosebu	ead, Big Horn, Blaine, Broadwater, Carb ake, Lewis and Clark, Liberty, Lincoln, <i>I</i> Id, Sanders, Sheridan, Silver Bow, Stillwa brush habitats it is dependent on as a re	Madison, Mccone, Meaghe ater, Sweet Grass, Teton,	r, Missoula, Musse Toole, Treasure, V	lshell, Park, Petrol /alley, Wheatland,	eum, Phillips, Pondera, Powder Wibaux, Yellowstone
Sterna forsteri	Laridae	G5	S3B	MBTA	SENSITIVE	SGCN3	1%	59%	Wetlands
Forster's Tern	Gulls / Terns	Species Occurre	nces verified in	these Counties: Beaverhe	ead, Blaine, Cascade, Chouteau, Hill, La	ke, Lewis and Clark, Petr	oleum, Phillips, Po	well, Roosevelt, Sł	neridan, Teton
Sterna hirundo	Laridae	G5	S3B	MBTA	SENSITIVE	SGCN3	5%	50%	Large rivers, lakes
Common Tern	Gulls / Terns	Species Occurre	nces verified in	these Counties: Blaine, B	Broadwater, Cascade, Chouteau, Daniels	, Flathead, Hill, Lake, Mo	cone, Petroleum, I	Phillips, Roosevelt,	Sheridan, Teton, Valley
Sternula antillarum	Laridae	G4	S1B	LE; MBTA	ENDANGERED	SGCN1, SGIN	1%	10%	Large prairie rivers
Least Tern	Gulls / Terns	Species Occurre	nces verified in	these Counties: Custer, [Dawson, Garfield, Mccone, Prairie, Richl	and, Roosevelt, Valley, V	/ibaux		
Strix nebulosa Great Gray Owl	Strigidae Owls	G5	S3	MBTA	SENSITIVE	SGCN3, SGIN	2%	46%	Conifer forest near oper meadows
				these Counties: Beaverhe lver Bow, Sweet Grass, Te	ead, Carbon, Cascade, Deer Lodge, Flatheton, Wheatland	nead, Gallatin, Granite, J	efferson, Judith Ba	asin, Lake, Lewis a	nd Clark, Lincoln, Meagher,
Surnia ulula	Strigidae	G5	S3	MBTA		SGCN3, SGIN	0%	1%	Conifer forest
Northern Hawk Owl	Owls			these Counties: Flathead small population and lim	I, Glacier, Teton ited distribution in Montana.				·
Troglodytes pacificus	Troglodytidae	G5	S3	MBTA		SGCN3	1%	39%	Moist conifer forests
Pacific Wren	Wrens				ead, Broadwater, Cascade, Fergus, Flath Sanders, Stillwater, Sweet Grass, Teton		ranite, Jefferson, .	Judith Basin, Lake,	Lewis and Clark, Lincoln,
Tympanuchus	Phasianidae	G5	SX,S4			SGCN1	6%	100%	Shrub grassland
phasianellus Sharp-tailed Grouse	Upland Game Birds				vide are extirpated and have a conserva	tion status rank of SX. Po	pulations east of t	he Continental Div	ide have a state rank of S4 and

										8 SPECIES
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Apalone spinifera Spiny Softshell	Trionychidae Softshell Turtles	G5	S3			SENSITIVE	SGCN3	2%	26%	Prairie rivers and larger streams
					g Horn, Blaine, Carbon, bud, Stillwater, Sweet C				den Valley, Lewis an	nd Clark, Musselshell,
Chelydra serpentina	Chelydridae	G5	S3			SENSITIVE	SGCN3, SGIN	1%	26%	Prairie rivers and streams
					ulations of this spacios i	in Montana, which mal	los assessment of three	ts and trends difficul	t This species has a	high ago of maturity and low
Elgaria coerulea Northern Alligator Lizard	Anguidae Alligator Lizards		king populations vi			in Montana, which mal	SGCN3, SGIN	ts and trends difficul 8%	t. This species has a	high age of maturity and low Talus slopes / rock outcrops
		recruitment, ma G5	king populations vi	ulnerable to extirp			SGCN3, SGIN	1		Talus slopes / rock
Elgaria coerulea Northern Alligator Lizard Heterodon nasicus Plains Hog-nosed Snake		recruitment, ma G5	king populations vi	ulnerable to extirp	bation.		SGCN3, SGIN	1		Talus slopes / rock
Northern Alligator Lizard Heterodon nasicus	Alligator Lizards Colubridae	recruitment, mai G5 Species Occurre G5 Species Occurre	king populations vi S3 ences verified in th S2 ences verified in th	hese Counties: Fla	ation. athead, Granite, Lake, L Sensitive - Known on Forests (CG)	incoln, Mineral, Misso SENSITIVE	SGCN3, SGIN ula, Ravalli, Sanders SGCN2, SGIN	8%	63%	Talus slopes / rock outcrops
Northern Alligator Lizard Heterodon nasicus	Alligator Lizards Colubridae	recruitment, mai G5 Species Occurre G5 Species Occurre	king populations vi S3 ences verified in th S2 ences verified in th	hese Counties: Fla	athead, Granite, Lake, L Sensitive - Known on Forests (CG) g Horn, Blaine, Carter, C	incoln, Mineral, Misso SENSITIVE	SGCN3, SGIN ula, Ravalli, Sanders SGCN2, SGIN	8%	63%	Talus slopes / rock outcrops Friable soils

	Colubridae	G5	S2			SENSITIVE	SGCN2, SGIN	1%	5%	Wetlands
Smooth Greensnake		State Rank Reaso	n: The Smooth Gr	een Snake is rarel	niels, Roosevelt, Sherid y observed and is only f ike many other reptiles	ound within or near we				and habitat to cropland ime.
Phrynosoma hernandesi	Phrynosomatidae Sagebush / Spiny Lizards	G5	\$3		Sensitive - Known on Forests (CG)	SENSITIVE	SGCN3, SGIN	19%	66%	Sandy / gravelly soils
Greater Short-horned Lizard			Liberty, Mccone, N	Ausselshell, Petrol						acier, Golden Valley, Hill, Iss, Teton, Toole, Treasure,
Plestiodon skiltonianus Western Skink	Scincidae Skinks	G5	\$3				SGCN3, SGIN	2%	10%	Open conifer forest and adjacent grasslands
		Species Occurrer	nces verified in th	ese Counties: Fla	athead, Granite, Lake, L	incoln, Mineral, Missou	la, Ravalli, Sanders			

										5 SPECIES
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Anaxyrus boreas Western Toad	Bufonidae True Toads	G4	S2		Sensitive - Known on Forests (BD, BRT, CG, KOOT, LOLO)	SENSITIVE	SGCN2	6%	38%	Wetlands, floodplain pool
		Meagher, Minera State Rank Reas occupancy appea	l, Missoula, Park, F on: Over the last f Ir to have stabilize	Pondera, Powell, R ew decades this sp ed in the last deca	avalli, Sanders, Silver B pecies has undergone se	ow, Teton rious declines in abun ce across the species I	dance due primarily to range within Montana re	infection with Chytri	d fungus. While decl	d Clark, Lincoln, Madison, ines in breeding site persistence of this species
Anaxyrus cognatus Great Plains Toad	Bufonidae True Toads	G5	S2		Sensitive - Known on Forests (CG)	SENSITIVE	SGCN2	8%	62%	Wetlands, floodplain pool
Dicamptodon aterrimus	Dicamptodontidae Giant Salamanders	State Rank Reas	on: Current trend	is unknown due to	tillwater, Toole, Valley, a scarcity of observatio ative habitat, and reduc	ns, but long-term dec				on wallows). Species faces Mountain streams, moist conifer forest
Idaho Giant Salamander		State Rank Reas		hin a small area in	neral n western Montana along mall known range make o				intrinsic vulnerability	y and specific habitat
Lithobates pipiens Northern Leopard Frog	Ranidae True Frogs	G5	S1,54		Sensitive - Known on Forests (CG, KOOT) Sensitive - Suspected on	SENSITIVE	SGCN1	6%	72%	Wetlands, floodplain pools
					Forests (BRT, LOLO)					
					LOLÒ)	e a Species of Concer	n with a state rank of S	I. Populations on the	Great Plains have a	state rank of S4 and are not a
Plethodon idahoensis Coeur d'Alene Salamander	Plethodontidae Lungless Salamanders	State Rank Reas	on: Populations wi		LOLÒ)	e a Species of Concer	n with a state rank of S	1. Populations on the	Great Plains have a	state rank of S4 and are not a Spring / seep, waterfall, fractured rock

FISH (ACTINOI	PTERYGII)									23 SPECIES
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT

Acipenser	Acipenseridae	G4	S1	LE			SGCN1	1%	1%	Large mountain rivers
ransmontanus White Sturgeon	Sturgeons	State Rank Rea to global extinct	tion or extirpation g. This population	rgeon is currently in the state.The	listed as "S1" in MT due Kootenai River populatio	on of white sturgeon (K	(ootenai sturgeon) has be	een declining during	at least the past 5	itat, making it highly vulnerabl 0 years with only about 500 wil of juvenile recruitment to the
Chrosomus eos	Cyprinidae	G5	S3				SGCN3	4%	27%	Small prairie rivers
Northern Redbelly Dace	Minnows	Petroleum, Phill State Rank Rea	ips, Pondera, Rich son: The Northern	land, Roosevelt, Redbelly Dace is	Sheridan, Stillwater, Sw	eet Grass, Teton, Toole	e, Valley, Wheatland, Wi	ibaux		e, Meagher, Musselshell, ed and/or declining numbers,
	Cyprinidae	GNA	S3			SENSITIVE	SGCN3		20%	Small prairie streams
Chrosomus neogaeus Northern Redbelly X Finescale Dace	Minnows	Wheatland State Rank Rea	son: The Northern	Redbelly/Finesca		ntly listed as an "S3" sp				ndera, Stillwater, Teton, Valley < because of limited and/or
Cottus rhotheus Torrent Sculpin	Cottidae Sculpins	G5	53				SGCN3	2%	3%	Mountain streams, river lakes
		State Rank Rea		ulpin is currently	listed as an "S3" specie		the state of Montana (N , extent and-or habitat,). A "S3" designation means tha ne areas.
Cottus ricei Spoonhead Sculpin	Cottidae Sculpins	G5	S3				SGCN3	1%	1%	Mountain streams, rivers lakes
		State Rank Rea declines in popu	ılation, range or ha	d sculpin is prese bitat even thoug	ntly listed as a species	some areas) (MNHP 200	. This species is simila			they are at risk for potential r 14 states or provinces where i
Cycleptus elongatus	Catostomidae	G3G4	S2S3				SGCN2-3	1%	7%	Large prairie rivers
Blue Sucker	Suckers	Roosevelt, Rose State Rank Rea	bud, Treasure, Val son: The Blue Suck	ley, Wibaux er is currently lis		of concern in Montana				er River, Prairie, Richland, , because of limited and/or
Etheostoma exile	Percidae	G5	S3			SENSITIVE	SGCN3	1%	9%	Small prairie rivers
Iowa Darter	Perches	Valley, Wibaux State Rank Rea		er is currently lis	ted as an "S3" species of					and, Roosevelt, Sheridan, Tool eclining numbers, range and/o
_episosteus	Lepisosteidae	G5	S3				SGCN1	1%	1%	Large prairie rivers
olatostomus Shortnose Gar	Gars	State Rank Rea	son: The Shortnose	Gar is currently	uster, Dawson, Mccone, ranked as S3 in Montana the Yellowstone River.			e to recent observati	ons upstream of kr	own populations on the Missou
Macrhybopsis gelida	Cyprinidae	G3	S2S3			SENSITIVE	SGCN2-3	17%	7%	Large prairie rivers
Sturgeon Chub	Minnows			hese Counties: B	laine, Cascade, Choutea					and, Roosevelt, Rosebud, Valley
		declining number	ers, range and/or h	abitat, even thou		in some areas. Populat	ion losses from the Fort			tte, because of limited and/or the Bighorn River are likely
Macrhybopsis meeki	Cyprinidae	G3	S1				SGCN1	16%	3%	Large prairie rivers
Sicklefin Chub	Minnows	State Rank Rea	son: The Sicklefin	Chub is currently	listed as "S1" in MT due	to extremely limited a	eum, Phillips, Prairie, Ri nd/or rapidly declining ellowstone Rivers unaffe	population numbers,	'alley, Wibaux range and/or habi	tat, making it highly vulnerable
Margariscus nachtriebi	Cyprinidae	G5	S2			SENSITIVE	SGCN2	1%	1%	Small prairie streams
Northern Pearl Dace	Minnows	State Rank Reast declining number and ponds they	son: The Pearl Dac ers, range and/or h	e is currently list abitat, even thou pit. This factor, a	ed as an "S2" species of ugh it may be abundant s well as introduced Nor	concern in Montana be in some areas. Pearl D	ace are not abundant wh	lly at risk of extirpat nen they are collecte	d at the relatively	ecause of limited and/or few sites in cool, small stream rd as a Montana Species of

Myoxocephalus	Cottidae	G5	S3				SGCN3, SGIN	1%	1%	Deep mountain lakes
hompsonii Deepwater Sculpin	Sculpins	State Rank Reas	on: The Deepwate					distribution (S3, vu	Ilnerable-meaning	they are at risk for potential
Oncorhynchus clarkii oouvieri	Salmonidae Trout	G5T4	S2		Sensitive - Known on Forests (CG)	SENSITIVE	SGCN2		12%	Mountain streams, rivers lakes
Yellowstone Cutthroat Trout		State Rank Reas	on: The Yellowsto		is currently ranked "S2"		ater, Sweet Grass, Yellov is at risk because of ver		otentially declining	population numbers, range
Dhcorhynchus clarkii ewisi Westslope Cutthroat Trout	Salmonidae Trout	G5T4	S2		Sensitive - Known on Forests (BD, BRT, CG, KOOT, LOLO) Species of Conservation Concern on Forests (HLC)	SENSITIVE	SGCN2		34%	Mountain streams, rivers lakes
		and Clark, Linco State Rank Reas	In, Madison, Meagh on: The Westslope	ner, Mineral, Missou	ula, Park, Pondera, Powe currently ranked "S2" in	ell, Ravalli, Sanders, S	ilver Bow, Teton, Wheat	land		son, Judith Basin, Lake, Lewis ation numbers, range and/or
Oncorhynchus mykiss gairdneri	Salmonidae Trout	G5T4	S1		Sensitive - Known on Forests (KOOT)		SGCN1	1%	3%	Mountain streams, rivers
Columbia River Redband Trout		State Rank Reas				l" in Montana because	t is at extremely high r	isk of extirpation ir	the state due to	/ery limited and/or rapidly
Percopsis omiscomaycus	Percopsidae Trout-perch	G5	S2				SGCN2, SGIN	1%	1%	Deep lakes, mountain streams
Trout-perch		State Rank Reas	on: The Trout-Per		ed as an "S2" species of c					because of limited and/or itiats or areas where they may
olyodon spathula	Polyodontidae	G4	S2			SENSITIVE	SGCN2	1%	5%	Large prairie rivers
Paddlefish	Paddlefishes	Wibaux State Rank Reas	on: The paddlefish		ed "S2" in Montana becau					nd, Roosevelt, Rosebud, Valley, bers, range and/or habitat,
Prosopium coulterii Pygmy Whitefish	Salmonidae Trout	G5	S3				SGCN3, SGIN	1%	1%	Deep mountain lakes and tributaries
		State Rank Reas	on: The Pygmy Wh				a because they are pote	ntially at risk beca	use of limited and	or declining numbers, range
Salvelinus confluentus Bull Trout	Salmonidae Trout	G5	S2	LT; CH		THREATENED	SGCN2	5%	18%	Mountain streams, rivers, lakes
		Species Occurre	nces verified in t	hese Counties: Dee	er Lodge, Flathead, Glac	ier, Granite, Lake, Le	wis and Clark, Lincoln, N	Nineral, Missoula, P	owell, Ravalli, San	ders
	Salmonidae	G5	S2				SGCN2		5%	Deep mountain lakes
Lake Trout	Trout	State Rank Reas making it vulner and St. Mary Lak	on: The Native Lal able to extirpation	in the state. This shall Park and Lower	y ranked "S2" in Montana species is a glacial relic	in Montana known fro	m native (never-stocked) populations occur	ring in Waterton L	mbers, range and/or habitat, ake, Glenns Lake, Cosley Lake, souri River basin. Otherwise, all
Sander canadensis	Percidae	G5	S2			SENSITIVE	SGCN2	1%	15%	Large prairie rivers
Sauger	Perches	Phillips, Powder State Rank Reas range and/or ha	River, Prairie, Rick on: The Sauger is obtat, even though	hland, Roosevelt, R currently listed as a it may be abundan	Rosebud, Stillwater, Teto an "S2" species of conce	on, Treasure, Valley, V m in Montana because tion losses from the re	Wibaux, Yellowstone they are at risk of extir	pation in the state,	because of limite	ccone, Musselshell, Petroleum, d and/or declining numbers, re likely permanent. Competition

	Acipenseridae	G2	S1	LE		ENDANGERED	SGCN1	10%	1%	Large prairie rivers
Pallid Sturgeon	Sturgeons	Species Occurrer	ces verified in t	hese Counties: Bla	aine, Cascade, Chouteau	ı, Custer, Dawson, Ferg	gus, Garfield, Mccone, F	Petroleum, Phillips, P	owder River, Prairie	e, Richland, Roosevelt,
		Rosebud, Valley,	Wibaux							
		State Rank Reaso	n: The Pallid Stu	rgeon is currently	listed as "S1" in MT due	to extremely limited ar	nd/or rapidly declining	population numbers,	range and/or habita	at, making it highly vulnerable
		to global extinction	on or extirpation	in the state. The p	callid sturgeon is one of	the rarest fishes in Nor	th America and was fee	derally listed as enda	ngered in 1990. The	Pallid Sturgeon has been
		declining during a	it least the past 5	0 years with only	about 200 adults remain	ing in the upper Missou	iri River and limited na	tural reproduction.		
Thymallus arcticus	Salmonidae	G5	S1		Sensitive - Known	SENSITIVE	SGCN1		5%	Mountain rivers, lakes
Arctic Grayling	Trout				on Forests (BD)					
			n: The Arctic Gra		eaverhead, Deer Lodge, J ranked "S1" in Montana b		ely high risk of extirpat	ion in the state due t	o very limited and/o	or rapidly declining population

								% OF GLOBAL		
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
BEETLES										
Cicindela arenicola	Cicindelidae	G1G2	S1S2							Open sand dunes
Saint Anthony Dune Tiger Beetle	Tiger Beetles				eaverhead, Madison It of its global rarity an	d recently detected occ	cupancy of isolated sui	table habitat in the Ce	entennial Sandhills o	of southwest Montana.
Microcylloepus browni	Elmidae	G1	S1					100%	1%	Springs
Brown's Microcylloepus Riffle Beetle	Riffle Beetles	State Rank Reason		le is currently lis	ted as "S1" in MT due to					making it highly vulnerable t , a warm springs in the Bridge
Zaitzevia thermae	Elmidae Riffle Beetles	G1	S1					100%	1%	Springs
Riffle Beetle		global extinction								making it highly vulnerable t , a warm springs in the Bridge
BUTTERFLIES			1		1	1	1			
Atrytone arogos Arogos Skipper	Hesperiidae Skipper Butterflies	G2G3	S2S3						8%	Grasslands
		State Rank Reaso		is dependent on	native prairies and is b	elieved to be declining		habitat across its range	e among other threa	ts. In Montana the species'
		assigned the spec			e information is needeo e to refine the rank as			al relationships. As sta	te rank cannot exce	ed global rank we have
	Nymphalidae	assigned the spec						al relationships. As sta	te rank cannot exce	
Boloria alberta Alberta Fritillary	Brush-footed Butterflies	G3	cies a rank of S2S3	, and will continu	e to refine the rank as			al relationships. As sta		ed global rank we have
Alberta Fritillary Boloria frigga	Brush-footed Butterflies	G3 Species Occurren G5	cies a rank of S2S3 S2S3 nces verified in th S1S2	, and will continu nese Counties: Te	e to refine the rank as	more information becom		al relationships. As sta		ed global rank we have
Alberta Fritillary Boloria frigga	Brush-footed Butterflies Nymphalidae Brush-footed Butterflies	G3 Species Occurren G5	cies a rank of S2S3 S2S3 nces verified in th S1S2	, and will continu nese Counties: Te	e to refine the rank as	more information becom		al relationships. As sta	1%	ed global rank we have Alpine
Alberta Fritillary Boloria frigga Frigga Fritillary Euphydryas gillettii	Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Nymphalidae	G3 Species Occurren G5	cies a rank of S2S3 S2S3 nces verified in th S1S2	, and will continu nese Counties: Te	e to refine the rank as	more information becom		al relationships. As sta	1%	ed global rank we have Alpine
Alberta Fritillary Boloria frigga Frigga Fritillary Euphydryas gillettii	Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Nymphalidae Brush-footed Butterflies	G3 Species Occurren G5 Species Occurren G3	cies a rank of S2S3 S2S3 nces verified in th S1S2 nces verified in th S2	, and will continu	e to refine the rank as	more information become dison	mes available.		1% 12% 42%	ed global rank we have Alpine Montane wetlands
Alberta Fritillary Boloria frigga Frigga Fritillary Euphydryas gillettii Gillette's Checkerspot Hesperia ottoe	Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Hesperiidae	G3 Species Occurren G5 Species Occurren G3	cies a rank of S2S3 S2S3 nces verified in th S1S2 nces verified in th S2	, and will continu	e to refine the rank as eton eaverhead, Gallatin, Ma	more information become dison	mes available.		1% 12% 42%	ed global rank we have Alpine Montane wetlands
Alberta Fritillary Boloria frigga Frigga Fritillary Euphydryas gillettii Gillette's Checkerspot Hesperia ottoe	Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Hesperiidae Skipper Butterflies	G3 Species Occurree G5 Species Occurree G3 Species Occurree G3	cies a rank of 5253 S253 nces verified in th S152 nces verified in th S2 nces verified in th	, and will continu	e to refine the rank as eton eaverhead, Gallatin, Ma eaverhead, Cascade, De	more information become dison	mes available.		1% 12% 42% ndera, Powell	ed global rank we have Alpine Montane wetlands Wet meadows
Alberta Fritillary Boloria frigga Frigga Fritillary Euphydryas gillettii Gillette's Checkerspot Hesperia ottoe Ottoe Skipper	Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Hesperiidae	G3 Species Occurree G5 Species Occurree G3 Species Occurree G3	cies a rank of 5253 S253 nces verified in th S152 nces verified in th S2 nces verified in th S253	, and will continu	e to refine the rank as eton eaverhead, Gallatin, Ma eaverhead, Cascade, De	more information become dison	mes available.		1% 12% 42% ndera, Powell	ed global rank we have Alpine Montane wetlands Wet meadows Grasslands Deciduous woodland,
Alberta Fritillary Boloria frigga Frigga Fritillary Euphydryas gillettii Gillette's Checkerspot Hesperia ottoe Ottoe Skipper Polygonia progne	Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Hesperiidae Skipper Butterflies Nymphalidae	G3 Species Occurred G5 Species Occurred G3 Species Occurred G3 Species Occurred G5	cies a rank of 5253 S253 nces verified in th S152 nces verified in th S2 nces verified in th S253 nces verified in th S253	, and will continu nese Counties: Te nese Counties: Be nese Counties: Be nese Counties: Sh	e to refine the rank as eton eaverhead, Gallatin, Ma eaverhead, Cascade, De	more information become dison er Lodge, Fergus, Flath	mes available.		1% 12% 42% ndera, Powell 19%	ed global rank we have Alpine Montane wetlands Wet meadows Grasslands Deciduous woodland, riparian woodland, aspe
Alberta Fritillary Boloria frigga Frigga Fritillary Euphydryas gillettii Gillette's Checkerspot Hesperia ottoe Ottoe Skipper Polygonia progne Gray Comma	Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Hesperiidae Skipper Butterflies Nymphalidae	G3 Species Occurred G5 Species Occurred G3 Species Occurred G3 Species Occurred G5	cies a rank of 5253 S253 nces verified in th S152 nces verified in th S2 nces verified in th S253 nces verified in th S253	, and will continu nese Counties: Te nese Counties: Be nese Counties: Be nese Counties: Sh	e to refine the rank as eton eaverhead, Gallatin, Ma eaverhead, Cascade, De eridan	more information become dison er Lodge, Fergus, Flath	mes available.		1% 12% 42% ndera, Powell 19%	ed global rank we have Alpine Montane wetlands Wet meadows Grasslands Deciduous woodland, riparian woodland, aspe
Boloria frigga Frigga Fritillary Euphydryas gillettii Gillette's Checkerspot Hesperia ottoe Ottoe Skipper Polygonia progne	Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Nymphalidae Brush-footed Butterflies Hesperiidae Skipper Butterflies Nymphalidae	G3 Species Occurred G5 Species Occurred G3 Species Occurred G3 Species Occurred G5	cies a rank of 5253 S253 nces verified in th S152 nces verified in th S2 nces verified in th S253 nces verified in th S253	, and will continu nese Counties: Te nese Counties: Be nese Counties: Be nese Counties: Sh	e to refine the rank as eton eaverhead, Gallatin, Ma eaverhead, Cascade, De eridan	more information become dison er Lodge, Fergus, Flath	mes available.		1% 12% 42% ndera, Powell 19%	ed global rank we have Alpine Montane wetlands Wet meadows Grasslands Deciduous woodland, riparian woodland, asper

		State Rank Reas habitat, making the Pacific Influe	it vulnerable to ex enced areas of Mor	ddisfly is currentl tirpation in the s	y ranked a "S2" Specie tate. Limited sites wi		nd specialized habitats. This	species is a rare, e	endemic caddisfly	pulation numbers, range and/or only found in specific streams in
Rhyacophila alexanderi		G2	S2					33%	1%	Mountain / alpine streams
Alexander's Rhyacophilan Caddisfly	Primative Caddisflies	State Rank Reas		iyacophilan Caddi	isfly is currently ranke		ncern in MT and at risk beca populations, but also difficu			y declining population numbers, is.
Rhyacophila ebria	Rhyacophilidae	G2G3	S1					50%	1%	Alpine / Mountain streams
A Rhyacophilan Caddisfly	Primative Caddisflies	State Rank Reas	tion numbers, rang	ilan Caddisfly is o	currently ranked a "S1		n MT and is at high risk of ex hese insects are also difficu	It to identify witho	ut adult specimer	
	Rhyacophilidae	G3	S2					50%	2%	Forested mountain springs
A Rhyacophilan Caddisfly	Primative Caddisflies	State Rank Reas	2 1	ilan Caddisfly is o	currently ranked a "S2		n MT and at risk because of attions, and the species is dif	,	· ·	ning population numbers, range mens.
Rhyacophila glaciera	Rhyacophilidae	G3	S1					40%	2%	Alpine / Mountain streams
A Rhyacophilan Caddisfly	Primative Caddisflies	State Rank Reas potentially decli		ilan Caddisfly is o Imbers, range and	currently ranked a "S1					ecause of very limited and/or pecies without adult specimens
Rhyacophila newelli	Rhyacophilidae	G2	S2					50%	1%	Alpine / Mountain streams
A Rhyacophilan Caddisfly	Primative Caddisflies	State Rank Reas		ilan Caddisfly is o	currently ranked a "S2		n MT at risk because of very ations, but also difficult to it			population numbers, range
Rhyacophila potteri	Rhyacophilidae	G3	S2					50%	5%	Forested mountain springs
A Rhyacophilan Caddisfly Rhyacophila rickeri	Primative Caddisflies Rhyacophilidae	State Rank Reas	on: This Rhyacoph	ilan Caddisfly is o		" Species of Concern ir	n MT and at risk because of ations, and the species is dif			ning population numbers, range mens. Forested mountain springs
A Rhyacophilan Caddisfly	Primative Caddisflies			 	lather d. Classien					Torested mountain springs
		State Rank Reas	making it vulnerab	ilan Caddisfly is o	currently ranked a "S2		n MT and at risk because of ations, and the species is dif	ficult to identify wi	thout adult speci	ning population numbers, range mens.
Rossiana montana	Rossianidae	G2G3	S2					50%	1%	Forested mountain springs
Northern Rocky Mountains Refugium Caddisfly	Rossianid Caddisflies	State Rank Reas habitat, making	ion: This NRMR Cad it vulnerable to ex	ddisfly is currentl tirpation in the s	tate. Limited sites wi	s of Concern in MT and	nd specialized habitats. This			oulation numbers, range and/or only found in specific streams in
DAMSELFLIES		-								
Coenagrion	Coenagrionidae	G5	S1S2					6%	2%	Wetlands
interrogatum Subarctic Bluet	Narrow-winged Damselflies	State Rank Reas it highly vulnera	ble to extirpation	is currently liste in the state. This	ed as an "S1S2" Species restricted range may	be due to lack of suita	able surveys to detect this d	ragonfly. With more	e surveys this spe	rs, range and/or habitat, making cies will likely be found in more ntributes to it's vulnerable state
DRAGONFLIES										
Aeshna subarctica	Aeshnidae	G5	S1S2					5%	21%	Forested Wetlands
Subarctic Darner	Darner Dragonflies	State Rank Reas		is currently liste			and Clark, Lincoln, Missoula to extremely limited and/o		bopulation numbe	rs, range and/or habitat, making
Erpetogomphus designatus	Gomphidae Clubtail Dragonflies	G5	S1					5%	2%	Large prairie rivers, warm springs
Eastern Ringtail		State Rank Reas		is currently liste	d as an "S1" Species o		extremely limited and/or r gs pond in eastern Montana.	apidly declining pop	pulation numbers,	range and/or habitat, making it

	Libellulidae	G5	S1S2					5%	6%	Wetlands
Western Pondhawk	Skimmer Dragonflies	State Rank Rea	son: This dragonfly	/ is currently liste			to extremely limited and/ bacco Root Mountains of th		population number	s, range and/or habitat, making
eucorrhinia borealis	Libellulidae	G5	S1					10%	36%	Wetlands and Ponds
Boreal Whiteface	Skimmer Dragonflies	State Rank Reas highly vulnerabl	son: This dragonfly	is currently lister the state. This r	ed as an "S1" Species of	Concern in MT due to		rapidly declining po		range and/or habitat, making i will likely be found in more
	Corduliidae	G5	S1S2					5%	9%	Forested Wetlands
Brush-tipped Emerald	Emerald Dragonflies	State Rank Rea		/ is currently liste	Flathead, Lake, Lewis a ed as an "S1S2" Species			or rapidly declining p	population number	s, range and/or habitat, makin
	Gomphidae	G4	S1					10%	54%	Large prairie rivers
Brimstone Clubtail	Clubtail Dragonflies	State Rank Reas	son: This dragonfly e to extirpation in	/ is currently liste		Concern in MT due to	extremely limited and/or from larval collections an			range and/or habitat, making i , this habitat is lost when
MAYFLIES										
Anepeorus rusticus	Heptageniidae	G2	S1					50%	2%	Large prairie rivers
A Sand-dwelling Mayfly	Heptageniid Mayflies	State Rank Reast making it highly limited by intac	on: This sand-dwe vulnerable to exti t large, prairie rive	elling mayfly is cu irpation in the sta	ate. This large river sp	pecies of Concern in A ecies has probably lost		ams on the Milk, Tong ent in the Powder Riv	gue, Bighorn, and M ver basin of Wyomin	
Caurinella idahoensis Lolo Mayfly	Ephemerellidae Ephemerellid Mayflies	G3	S2					50%	5%	Small forested mountain streams
		State Rank Rea	son: This Lolo may	fly is currently ra		because it is at risk of				clining population numbers, he Northern Rocky Mountain
	Oligoneuriidae	G4	S2					20%	5%	Large prairie rivers
A Sand-dwelling Mayfly	Oligoneurid Mayflies		son: This sand-dwe		Custer, Powder River, I urrently ranked "S2" in		at risk of extirpation in t	ne state due to very l	imited and/or pote	entially declining population
Lachlania	Oligoneuriidae	G4	S1					33%	5%	Large prairie rivers
saskatchewanensis A Sand-dwelling Mayfly	Oligoneurid Mayflies	State Rank Reas	son: This sand-dwe	elling mayfly is cu		pecies of Concern in N	IT due to extremely limite miles of habitat due to d			umbers, range and/or habitat, Nissouri Rivers.
Macdunnoa nipawinia	Heptageniidae	G3	S2					33%	5%	Large prairie rivers
A Sand-dwelling Mayfly	Heptageniid Mayflies	State Rank Rea		elling mayfly is cu			n Montana because they a	re potentially at risk	of extirpation in th	e state, due to limited and/or
Parameletus columbiae	Siphlonuridae	G2	S1							Wetlands and Ponds
A Mayfly	Siphlonurid Mayflies	State Rank Rea		currently listed	as an "S1" Species of C		tremely limited and/or ra			ge and/or habitat, making it
Raptoheptagenia	Heptageniidae	G4	S2			SENSITIVE		50%	5%	Large prairie rivers
cruentata A Mayfly	Heptageniid Mayflies	Species Occurre State Rank Reas numbers, range	son: This mayfly is and/or habitat, ev	currently listed /en though it may		ncern in Montana bec areas. This species is		t risk of extirpation	in the state, due to	limited and/or declining threatened by coal bed
SPRINGTAILS										
Oncopodura cruciata	Oncopoduridae	G1G2	S1S2					100%	1%	Caves
A Springtail	Elongate Springtails	Species Occurre	ences verified in t	these Counties:	Jefferson		· ·			

Isocapnia crinita Hooked Snowfly	Capniidae Small Winter Stoneflies	G5	S2					20%	9 %	Mountain Streams to Rivers
		State Rank Reas	on: The Hooked Sr	nowfly is currer		ana because it was th	ought to be at risk due	e to very limited and/or po collections may warrant re		g population numbers, range SOC rank.
socapnia integra Alberta Snowfly	Capniidae Small Winter Stoneflies	G4G5	S2					20%	5%	Mountain Streams to Rivers
		State Rank Reas	on: The Alberta sr	nowfly is curren	tly ranked "\$2" in Mont	ana because it was th	ought to be at risk due	I, Park, Stillwater, Sweet G to very limited and/or pol nges may warrant re-evalua	entially declinin	g population numbers, range
soperla petersoni	Perlodidae	G5	S2					10%	9 %	Alpine / Mountain stream
Springs Stripetail	Perlodid Stoneflies	State Rank Reas		ripetail is curre	ntly ranked a "S2" Spec			limited and/or potentially entify without adult specir		ation numbers, range and/or
Lednia tumana	Nemouridae	G1G2	S1	LT				100%	1%	Alpine streams
Soliperla salish	Peltoperlidae	becoming extinc		ng of the glacie						ollections. Currently at risk of ndidate species" for listing under Small forested mountair
Colinerio colich	Deltenenlidee			1.				E00/	10/	Cmall forested mountain
Clearwater Roachfly	Roachlike Stoneflies	02	52					50%	170	streams
		State Rank Reas	it vulnerable to ex	er Roachfly is cu	urrently ranked a "S2" S	pecies of Concern in	MT at risk because of v			pulation numbers, range and/or
Soyedina potteri Northern Rocky	Nemouridae Spring Stoneflies	G2	S2					33%	5%	Small forested mountain streams
Mountains Refugium Stonefly		State Rank Reas	on: The NRMR stor	nefly is current	Flathead, Glacier, Mir y ranked "S2" in Monta state. This species is	na because it is thoug	ht to be at risk due to	very limited and/or potent	ially declining p	opulation numbers, range and/or
Utacapnia columbiana Columbian Snowfly	Capniidae Small Winter Stoneflies	G5	S2					20%	2%	Mountain Streams to Rivers
		State Rank Reas	nces verified in t on: The Columbia making it vulnerab	n Snowfly is cur	rently ranked "S2" in M	ontana because it wa	s thought to be at risk	due to very limited and/or	potentially decli	ning population numbers, range
Zapada cordillera	Nemouridae	G3	S2					33%	17%	Alpine / Mountain stream
Cordilleran Forestfly	Spring Stoneflies	State Rank Reas	on: The Cordillera making it vulnerab	n stonefly is cu		Aontana because it is				ing population numbers, range glacial refugium populations
Zapada glacier	Nemouridae	G1	S1	LT				40%	1%	Alpine streams
Western Glacier Stonefly	Spring Stoneflies	State Rank Reas	on: The Western (Glacier Stonefly		" in Montana because		nigh risk due to very limite ly vulnerable due to it's ve		ally declining population itat and cold water temperature

SCIENTIFIC NAME COMMON NAME TAXA SORT	Family (scientific) Family (common)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Acroloxus coloradensis	Acroloxidae	G3G4	S1					20%	1%	High Elevation Lake
Rocky Mountain Capshell	Capsnetts		n: Due to this res	tricted distributio	· ·			NT Species of Concer	n list as S1, critically	imperiled. It is at high risl

Colligyrus greggi Rocky Mountain	Hydrobiidae Amnicolas / Duskysnails	G4	S1				20%	5%	Springs, cold mountain streams
Duskysnail		State Rank Reas	on: Due to this restr	se Counties: Mineral, Sanders icted distribution and few known e. Only a few occurrences known					
Cryptomastix sanburni Kingston Oregonian	Oregonians / Forest	G3	S1						Mesic/moist conifer forests
	Snails	Species Occurre	nces verified in the	se Counties: Missoula				-	
Discus brunsoni Lake Disc	Discidae Discs	G1	S1				100%	1%	Talus, mesic conifer forests
		- · ·	nces verified in the	se Counties: Lake					
Discus shimekii Striate Disc	Discidae Discs	G5	S1				5%	36%	Aspen, mesic/moist conifer woodlands
			1 1	se Counties: Carbon, Gallatin, G	anite, Hill, Lake, Lincoln, M	adison, Meagher, Park, I		1	
Fisherola nuttalli Shortface Lanx	Lymnaeidae Fossarias / Pondsnails / Lanxs	State Rank Reas	on: Based on repeat	ese Counties: Sanders ed surveys of historic habitat this d by damming of the Clark Fork R		ing precipitously and is	0% at great risk of extir	0% rpation within Mon	Large Mountain Rivers
Haplotrema	Haplotrematidae	G5	S1S2				5%	1%	Moist conifer forests
vancouverense Robust Lancetooth	Lancetooths	Species Occurre	ences verified in the	se Counties: Lincoln, Sanders	!				
Hemphillia camelus Pale Jumping-slug	Arionidae Arionid Slugs	G4	S1S2					2%	Mesic/moist conifer forests
		Species Occurre	ences verified in the	ese Counties: Lincoln, Mineral, Mi	ssoula, Sanders				
Hemphillia danielsi Marbled Jumping-slug	Arionidae Arionid Slugs	G3	S1S2				80%	2%	Mesic/moist conifer forests
		Species Occurre	ences verified in the	se Counties: Mineral, Missoula, R	avalli				
Hemphillia skadei Skade's Jumping-slug	Arionidae Arionid Slugs	GNR Species Occurre	S1S2 ences verified in the	se Counties: Lincoln					
Skade's Jumping-slug Kootenaia burkei	Arionid Slugs Arionidae	GNR Species Occurre State Rank Reas operational thre as the analysis o we have decreas	S1S2 ences verified in the on: Species is newly ats including climate f the genetics and n sed the rank as the s		logical attributed from the I ment practices. Further info voucher specimens. The spe ion and may face threats to	mation is needed to re cies has a Raw Status R its persistence in the st	fine the status rank v ank 2.5 (S3), but afte	which may be deri er review of the li	ved from further surveys as wel mited information on the specie
Hemphillia skadei Skade's Jumping-slug Kootenaia burkei Pygmy Slug	Arionid Slugs	GNR Species Occurre State Rank Reas operational thre as the analysis o we have decreas assign a split rar G3	S1S2 ences verified in the on: Species is newly ats including climate f the genetics and n ied the rank as the s ik of S1-S2 until mor S1S2	ecounties: Lincoln separated by genetic and morphe change, fire, and forest manage forphology of previously collected pecies is likely limited in distribut	logical attributed from the l ment practices. Further info voucher specimens. The spe ion and may face threats to e species with greater uncer	mation is needed to re cies has a Raw Status R its persistence in the st	fine the status rank v ank 2.5 (S3), but afte ate. Given the limite	which may be deri er review of the li ed information on	ved from further surveys as wel mited information on the specie this species we have chosen to
Skade's Jumping-slug Kootenaia burkei Pygmy Slug	Arionid Slugs Arionidae	GNR Species Occurre State Rank Reas operational thre as the analysis o we have decreas assign a split rar G3	S1S2 ences verified in the on: Species is newly ats including climate f the genetics and n ied the rank as the s ik of S1-S2 until mor S1S2	e counties: Lincoln separated by genetic and morphe change, fire, and forest manage prophology of previously collected pecies is likely limited in distribut e information allows us to rank the	logical attributed from the l ment practices. Further info voucher specimens. The spe ion and may face threats to e species with greater uncer	mation is needed to re cies has a Raw Status R its persistence in the st	fine the status rank v ank 2.5 (S3), but afte ate. Given the limite	which may be deri er review of the li ed information on	ved from further surveys as wel mited information on the specie this species we have chosen to
Skade's Jumping-slug Kootenaia burkei Pygmy Slug Magnipelta mycophaga Magnum Mantleslug	Arionid Slugs Arionidae Arionid Slugs Arionid Slugs Arionid Slugs	GNR Species Occurre State Rank Reas operational thre as the analysis o we have decreas assign a split rar G3 Species Occurre G3 Species Occurre	S1S2 ences verified in the on: Species is newly ats including climate f the genetics and n ed the rank as the s ak of S1-S2 until mor- S1S2 ences verified in the S2S3 ences verified in the	e counties: Lincoln separated by genetic and morphe change, fire, and forest manage porphology of previously collected pecies is likely limited in distribut e information allows us to rank the see Counties: Lincoln, Mineral, Sa see Counties: Flathead, Granite, I	logical attributed from the I ment practices. Further info voucher specimens. The spe ion and may face threats to e species with greater uncer Inders incoln, Mineral, Missoula, Ra	mation is needed to re- cies has a Raw Status R its persistence in the st cainty.	fine the status rank v ank 2.5 (S3), but aft ate. Given the limite 50% 33%	which may be deri er review of the li ed information on 4% 7%	ved from further surveys as wel mited information on the specie this species we have chosen to Moist conifer forests Mesic/moist conifer
Skade's Jumping-slug Kootenaia burkei Pygmy Slug Magnipelta mycophaga	Arionid Slugs Arionidae Arionid Slugs Arionidae	GNR Species Occurre State Rank Reas operational thre as the analysis o we have decreas assign a split rar G3 Species Occurre G3	S1S2 ences verified in the on: Species is newly ats including climati f the genetics and n ised the rank as the s ik of S1-S2 until mor S1S2 ences verified in the S2S3	e counties: Lincoln separated by genetic and morphe change, fire, and forest manage orphology of previously collected pecies is likely limited in distribut e information allows us to rank th see Counties: Lincoln, Mineral, Sa	logical attributed from the I ment practices. Further info voucher specimens. The spe ion and may face threats to e species with greater uncer incoln, Mineral, Missoula, Ra incoln, Mineral, Missoula, Ra pwn D, DT, n	mation is needed to re cies has a Raw Status R its persistence in the st cainty.	fine the status rank v ank 2.5 (S3), but aft ate. Given the limite 50%	which may be deri er review of the li ed information on 4%	ved from further surveys as we mited information on the specie this species we have chosen to Moist conifer forests Mesic/moist conifer forests
Skade's Jumping-slug Kootenaia burkei Pygmy Slug Magnipelta mycophaga Magnum Mantleslug Margaritifera falcata	Arionid Slugs Arionidae Arionid Slugs Arionidae Arionid Slugs Margaritiferidae	GNR Species Occurre State Rank Reas operational thre as the analysis o we have decreas assign a split rar G3 Species Occurre G3 Species Occurre G5 Species Occurre Powell, Ravalli, State Rank Reas and/or habitat, individuals; popu	S1S2 ences verified in the on: Species is newly ats including climatic f the genetics and n ied the rank as the s sk of S1-S2 until more S1S2 ences verified in the S2 scaders, Silver Bow on: The Western Permaking it vulnerable ultions showing rep	ese Counties: Lincoln separated by genetic and morpho e change, fire, and forest manage iorphology of previously collected pecies is likely limited in distribut e information allows us to rank th see Counties: Lincoln, Mineral, Sa see Counties: Flathead, Granite, I Sensitive - Kn on Forests (f BRT, CG, KO LOLO) Species of Conservatic Concern on Fo	Alogical attributed from the I ment practices. Further info voucher specimens. The spe ion and may face threats to e species with greater uncer incoln, Mineral, Missoula, Ra por D, DT, mrests species of Concern in MT and pecies is widespread in geog al age classes) are now the	mation is needed to re- cies has a Raw Status R its persistence in the st cainty. walli, Sanders SGCN2 Gallatin, Granite, Jeffe I is at risk because of ve raphic area, but is decl exception rather than th	fine the status rank v ank 2.5 (S3), but aftr ate. Given the limite 50% 33% 10% rson, Lake, Lewis an ery limited and/or po ining in terms of are- ne rule. Montana curr	which may be deri er review of the li ed information on 4% 7% 26% d Clark, Lincoln, A ptentially declining a occupied and th	
Skade's Jumping-slug Kootenaia burkei Pygmy Slug Magnipelta mycophaga Magnum Mantleslug Margaritifera falcata	Arionid Slugs Arionidae Arionid Slugs Arionidae Arionid Slugs Margaritiferidae	GNR Species Occurre State Rank Reas operational thre as the analysis o we have decreas assign a split rar G3 Species Occurre G3 Species Occurre G5 Species Occurre Powell, Ravalli, State Rank Reas and/or habitat, individuals; popu	S1S2 ences verified in the on: Species is newly ats including climatic f the genetics and n ied the rank as the s sk of S1-S2 until more S1S2 ences verified in the S2 scaders, Silver Bow on: The Western Permaking it vulnerable ultions showing rep	Ise Counties: Lincoln separated by genetic and morphe change, fire, and forest manage orphology of previously collected pecies is likely limited in distribut e information allows us to rank th see Counties: Lincoln, Mineral, Sa see Counties: Flathead, Granite, I Sensitive - Kn on Forests (I BRT, CG, KO LOLO) Species of Conservatio Concern on Foc (HLC) see Counties: Beaverhead, Broadw arlshell is currently ranked a "S2" to extirpation in the state. This se eated reproduction (at least sever	Alogical attributed from the I ment practices. Further info voucher specimens. The spe ion and may face threats to e species with greater uncer incoln, Mineral, Missoula, Ra por D, DT, mrests species of Concern in MT and pecies is widespread in geog al age classes) are now the	mation is needed to re- cies has a Raw Status R its persistence in the st cainty. walli, Sanders SGCN2 Gallatin, Granite, Jeffe I is at risk because of ve raphic area, but is decl exception rather than th	fine the status rank v ank 2.5 (S3), but aftr ate. Given the limite 50% 33% 10% rson, Lake, Lewis an ery limited and/or po ining in terms of are- ne rule. Montana curr	which may be deri er review of the li ed information on 4% 7% 26% d Clark, Lincoln, A ptentially declining a occupied and th	

Oreohelix amariradix	Oreohelicidae	G1G2	S1S2					100%	1%	Talus, dry conifer forest
Bitterroot Mountainsnail	Mountain Snails		nces verified in t	hese Counties: /	Missoula	<u> </u>		100/0	170	
Dreohelix carinifera Keeled Mountainsnail	Oreohelicidae Mountain Snails	G1	S1					100%	1%	Limestone, dry conifer forests
		Species Occurre	nces verified in t	hese Counties:	Granite, Missoula, Powe	ell	1	1		
Dreohelix elrodi Carinate Mountainsnail	Oreohelicidae Mountain Snails	G2	S1					100%	1%	Talus, mixed mesic conifer forests
		Species Occurre	nces verified in t	hese Counties:	ake, Lewis and Clark		·	·		
Oreohelix haydeni Lyrate Mountainsnail	Oreohelicidae Mountain Snails	G2	S1S3							Limestone, dry conifer forests
		Species Occurre	nces verified in t	hese Counties:	Granite, Mineral, Missou	ıla				
Dreohelix pygmaea Pygmy Mountainsnail	Oreohelicidae Mountain Snails	G2	S1							Limestone, dry conife forests
		Species Occurre	nces verified in t	hese Counties:	Big Horn, Carbon					
Dreohelix strigosa	Oreohelicidae	G5T2	S1S2					67%	1%	Limestone talus
berryi Berry's Mountainsnail	Mountain Snails	Species Occurre	nces verified in t	hese Counties:	Broadwater, Carbon, Fe	rgus, Golden Valley, <i>I</i>	Neagher, Park			
Oreohelix yavapai mariae	Oreohelicidae Mountain Snails	G5T1	S1					100%	1%	Limestone talus, dry conifer woodland
Gallatin Mountainsnail		Species Occurre	nces verified in t	hese Counties:	Gallatin					
Physa megalochlamys Large-mantle Physa	Physidae Physas	G3G4	S1					5%	1%	Wetlands / lakes with emergent veg
		State Rank Reas		stricted distribut	ion and only a few know		pecies was placed on the s, range and/or habitat.	MT Species of Concern	n list as S1, critica	lly imperiled. It is at high risk
Polygyrella polygyrella	Megomphicidae	G3	S1S2					75%	1%	Moist conifer forests
Humped Coin	Coins	Species Occurre	nces verified in t	hese Counties: /	Wineral, Ravalli, Sander	'S		·		•
Pristiloma idahoense Thinlip Tightcoil	Zonitidae Gems / Glasses / Glosses	G3	S1S3							Mesic/moist conifer forests
		Species Occurre	nces verified in t	hese Counties:	Ravalli					
Pristiloma wascoense Shiny Tightcoil	Zonitidae Gems / Glasses / Glosses	G3G4	S1S3							Mesic/moist conifer forests
		Species Occurre	nces verified in t	hese Counties:	Deer Lodge, Flathead, (Glacier, Granite, Lake	, Lincoln, Mineral			
Prophysaon andersoni Reticulate Taildropper	Arionidae Arionid Slugs	G5	S1S2						1%	Mesic/moist conifer forests
		Species Occurre	nces verified in t	hese Counties: F	Flathead, Sanders					
Prophysaon humile Smoky Taildropper	Arionidae Arionid Slugs	G3	S2S3					50%	12%	Mesic/moist conifer forests
		Species Occurre	nces verified in t	hese Counties:	Flathead, Lake, Lincoln	, Mineral, Missoula, Ra	avalli, Sanders			
Pyrgulopsis	Hydrobiidae	G1	S1					100%	1%	Springs
pedfordensis Bedford Springsnail	Amnicolas / Duskysnails					urrence, this species	was given a conservation	status rank, G1 (Globa	Illy Rare) and plac	ed on the MT Species of Conce
yrgulopsis blainica	Hydrobiidae	G1	S1							Springs
Blaine Pyrg	Ámnicolas / Duskysnails					urrence, this species	was given a conservation	status rank, G1 (Globa	Illy Rare) and plac	ed on the MT Species of Conce
Jdosarx lyrata Lyre Mantleslug	Arionidae Arionid Slugs	G3	S1					50%	2%	Mesic/moist conifer forests
		Species Occurre	nces verified in t	hese Counties: /	Wineral, Missoula, Rava	lli				
Zacoleus idahoensis Sheathed Slug	Arionidae Arionid Slugs	G3G4	S2S3					50%	11%	Mesic/moist conifer forests
	1	<u> </u>			- Flathead, Lake, Lincoln					

INVERTEBRATE	S - OTHER									13 SPECIE
SCIENTIFIC NAME COMMON NAME TAXA SORT	Family (Scientific) Family (Common)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
ARACHNIDS								·	·	
Sclerobunus cavicolens	Triaenonychidae	G1G2	S1S2					100%	1%	Caves
A Cave Obligate Harvestman		Species Occurre	nces verified in t	hese Counties: Je	fferson, Madison	÷	·			
CRUSTACEANS										
Salmasellus	Asellidae	G2G3	S1S2					70%	1%	Cave springs
steganothrix A Cave Obligate Isopod	Pill / Sow Bugs	State Rank Reason making it highly	on: This Subterrar vulnerable to glob	al extinction or ex	e Isopod is currently la ktirpation in the state	. These subterranean i	ue to extremely limited a sopods are generally end reen the Flathead and W	demic to only a few loo	cations; this one havi	ng only been reported in
Stygobromus glacialis Glacier Amphipod	Crangonyctidae Gammarid Amphipods	G1	S1S2					100%	1%	Subterranean Aquatic Ecosystems
		State Rank Reas	on: This Subterrar		currently listed as "S1		nely limited and/or rapion		on numbers, range an	d/or habitat, making it higl
Stygobromus montanensis	Crangonyctidae Gammarid Amphipods	G1G2	S1S2					100%	1%	Subterranean Aquatic Ecosystems
A Subterranean Amphipod		State Rank Reas	on: This Subterrar		currently listed as "S1		nely limited and/or rapion		on numbers, range an	d/or habitat, making it higl
Stygobromus obscurus A Subterranean Amphipod	Crangonyctidae Gammarid Amphipods	G1G2	S1S2					100%	1%	Subterranean Aquatic Ecosystems
		State Rank Reas	on: This Subterrar		currently listed as "S1		mely limited and/or rapion		on numbers, range an	d/or habitat, making it higl
Stygobromus puteanus A Subterranean Amphipod	Crangonyctidae Gammarid Amphipods	G1G2	S1S2					100%	1%	Subterranean Aquatic Ecosystems
		State Rank Reas	on: This Subterrar	ean Amphipod is			nely limited and/or rapion		on numbers, range an	d/or habitat, making it hig
Stygobromus tritus A Subterranean Amphipod	Crangonyctidae Gammarid Amphipods	G1G2	S1S2					100%	1%	Subterranean Aquatic Ecosystems
		State Rank Reas	on: This Subterrar		currently listed as "S1		nely limited and/or rapion		on numbers, range an	d/or habitat, making it higl
FRESHWATER SPONGES										
	Spongillidae	G1	S1S3					100%	1%	Lakes
A Freshwater Sponge	Freshwater Sponges	State Rank Reas	on: This Freshwate		ntly ranked a "S1S3" S		T and is at risk because akes of northwest Monta		potentially declining	population numbers, range
MILLIPEDES										
Adrityla cucullata A Millipede	Adritylidae Adritylid Millipedes	G1G3	S1S3							Dry mixed conifer fore clearings
		Species Occurre	nces verified in t	hese Counties: Mi	ssoula			·		
Austrotyla montani	Conotylidae	G1G3	S1S3							Mixed conifer forests
A Millipede	Conotylid Millipedes	Species Occurre	nces verified in t	hese Counties: Mi	ssoula					
Corypus cochlearis	Conotylidae	G1G3	S1S3							Mixed conifer forests
A Millipede	Conotylid Millipedes	Species Occurre	nces verified in t	hese Counties: Mi	ssoula, Sanders			·		
Orthogmus oculatus	Conotylidae	G1G3	S1S3							Mixed conifer forests
A Millipede	Conotylid Millipedes	Species Occurre	nces verified in t	horo Countion: So	nders					

Taiyutyla curvata A Millipede	Conotylidae Conotylid Millipedes	G1G3	S1S3					Moist mixed conifer forests
		Species Occurrer	nces verified in th	ese Counties: Lin	coln			

MAMMALS (MA	MMALIA)									14 SPECIES
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	global Rank	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Chaetodipus hispidus	Heteromyidae	G5	SNR				SGIN	1%	2%	Mixed grassland dry forest
Hispid Pocket Mouse	Pocket Mice / Kangaroo Rats		nces verified in the second se		0 observations and da	ta to assess the conse	ervation status in Montar	na are not available, a	nd further surveys ar	e needed.
Erethizon dorsatum	Erethizontidae	G5	\$3\$4				SGIN	3%	100%	Mixed forest
North American Porcupine	Porcupines	State Rank Reaso		nonly observed and						ines in conifer forests west of within this region of the
Lasionycteris	Vespertilionidae	G3G4	S4					4%	100%	Riparian and forest
noctivagans Silver-haired Bat	Bats	Species Occurre	nces verified in th	hese Counties:						
Lepus californicus	Leporidae	G5	SNR				SGIN	1%	3%	Sagebrush grassland
Black-tailed Jackrabbit	Rabbits		nces verified in the species has a species h		erved and little data a	re available to assess	the conservation status	in Montana.		
Marmota caligata	Sciuridae	G5	S3S4				SGIN	4%	19 %	Alpine / Subalpine slopes
Hoary Marmot	Squirrels	Species Occurre	nces verified in th	hese Counties:						
Microtus richardsoni North American Water Vole	Cricetidae New World Mice / Rats /	G5	S4					17%	34%	Alpine and subalpine aquati habitats
	Voles	State Rank Reaso	nces verified in th on: Species is rest d threats to the sp	ricted to small fast	-flowing creeks and st	reams, but most core	habitat is protected as	wilderness. More data	are needed to under	stand population trends and
Peromyscus leucopus	Cricetidae	G5	S4					2%	58%	Riparian shrub
White-footed Mouse	New World Mice / Rats / Voles	State Rank Reaso		Nouse may be relat			drainages in eastern Mo e species co-occur. More			ts are difficult to obtain. ded.
Sorex haydeni	Soricidae	G5	\$3\$4		· ·			5%	65%	Grasslands
Hayden's Shrew	Shrews		nces verified in th on: Species faces t		opment and degradati	on of native prairie ha	bitats. Species is infreq	uently observed, so it	is difficult to assess	threats and trends.
Spilogale gracilis	Mephitidae	G5	SNR				SGIN	1%	22%	Riparian shrub
Western Spotted Skunk	Skunks		nces verified in th on: This species ha		erved and little data a	re available to assess	the conservation status	in Montana.		
Tamias umbrinus	Sciuridae	G5	SNR				SGIN	1%	8%	High elevation conifer fores
Uinta Chipmunk	Squirrels		nces verified in the second se		0 observations and da	ta to assess the conse	rvation status in Montar	na are not available, a	nd further surveys ar	e needed.
Thomomys idahoensis	Geomyidae	G4	S2S4				SGIN	33%	6%	Open habitat / generalist
Idaho Pocket Gopher	Pocket Gophers	Species Occurre	nces verified in th	hese Counties:						
Urocitellus armatus	Sciuridae	G5	S3S4				SGIN	14%	8%	Open grassy edges
Uinta Ground Squirrel	Squirrels		nces verified in th on: Due to infrequ		istribution, threats, a	nd status are uncertai	n within the state.			
Urocitellus elegans Wyoming Ground Squirrel	Sciuridae Squirrels	G5	\$3\$4					23%	9 %	Open habitat / sage grasslan / montane meadows
			nces verified in the second se		istribution, threats, a	nd status are uncertai	n within the state.			·
Zapus hudsonius	Dipodidae	G5	SNR				SGIN	1%	20%	Riparian and moist grasslan
Meadow Jumping Mouse	Jumping Mice	Species Occurre	nces verified in th	hese Counties:						

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Aegolius funereus	Strigidae	G5	S3S4	MBTA			SGIN	2%	39%	Conifer forest
Boreal Owl	Owls	State Rank Reas	nces verified in t on: Very little is k ature spruce/fir fo	nown about populatio	on size or population	trends and there is co	ncern over the impacts	s of forest disease, fire	e, and timber harves	st because the species is
Asio flammeus Short-eared Owl	Strigidae Owls	G5	S4	MBTA; BCC11; BCC17				2%	100%	Grasslands
		Species Occurre	nces verified in t	hese Counties:						
Bucephala islandica	Anatidae	G5	S4	MBTA			SGIN	2%	31%	Mountain Lakes and Wetland
Barrow's Goldeneye	Swans / Geese / Ducks	Species Occurre	nces verified in t	hese Counties:						
Chaetura pelagica	Apodidae	G4G5	S3S4B	MBTA; BCC11			SGIN	1%	59 %	Chimneys, caves, hollow tre
Chimney Swift	Swifts	Species Occurre	nces verified in t	hese Counties:						
_eiothlypis peregrina	Parulidae	G5	S3S4B	MBTA				1%	11%	Forest wetland
Tennessee Warbler	Warblers	Species Occurre	nces verified in t	hese Counties:			-			
Lophodytes cucullatus	Anatidae	G5	S4	MBTA			SGIN	2%	100%	Rivers, Riparian/Wetland
Hooded Merganser	Swans / Geese / Ducks	Species Occurre	nces verified in t	hese Counties:						
Megascops asio	Strigidae	G5	S354	MBTA				4%	74%	Riparian forest
Eastern Screech-Owl	Owls	Species Occurre	nces verified in t	hese Counties:				1		
Megascops kennicottii	Strigidae	G4G5	5354	MBTA			SGIN	3%	34%	Riparian forest
		and grazing, but S3S4 until more i	how operational t nformation is avai	hese threats are is ur lable.				otential Species of Con	cern list with a state	lopment, altered hydrology, e conservation status rank of
Mniotilta varia Black-and-white Warbler	Parulidae Warblers	G5	S4B	MBTA				1%	27%	Deciduous forest
			nces verified in t	1 1						
Phalaenoptilus nuttallii Common Poorwill	Caprimulgidae Nightjars	G5 Species Occurre	S4B	MBTA			SGIN	4%	100%	Shrub grassland
		State Rank Rease time.			data, populations are	assumed to be stable,	habitats seem to be in	ntact, and threats are	not believed to be s	ignificant at the present
eiurus aurocapilla	Parulidae				lata, populations are	assumed to be stable,	habitats seem to be in	ntact, and threats are	not believed to be s	ignificant at the present Deciduous forest
Seiurus aurocapilla Ovenbird	Parulidae Warblers	time. G5	on: Although spec	ies lacks monitoring o	lata, populations are	assumed to be stable,	habitats seem to be in	-		· ·
Ovenbird Selasphorus Dlatycercus		time. G5	on: Although spec	ies lacks monitoring o	lata, populations are	assumed to be stable,	habitats seem to be in SGIN	-		· ·
Ovenbird elasphorus blatycercus	Warblers Trochilidae	time. G5 Species Occurre G5	S4B nces verified in t	MBTA MBTA MBTA; BCC10	lata, populations are	assumed to be stable,		5%	75%	Deciduous forest Montane shrublands /
Ovenbird elasphorus olatycercus Broad-tailed Hummingbird elasphorus rufus	Warblers Trochilidae Hummingbirds Trochilidae	time. G5 Species Occurre G5	S4B S4B nces verified in t S4B	MBTA MBTA MBTA; BCC10	lata, populations are	assumed to be stable,		5%	75%	Deciduous forest Montane shrublands /
Ovenbird elasphorus olatycercus Broad-tailed Hummingbird elasphorus rufus	Warblers Trochilidae Hummingbirds	time. G5 Species Occurre G5 Species Occurre G4	S4B S4B nces verified in t S4B nces verified in t	MBTA MBTA MBTA; BCC10 MBTA; BCC10 MBTA; BCC10 MBTA; BCC10 MBTA; BCC10 MBTA; BCC10	lata, populations are	assumed to be stable,		5%	75% 5%	Deciduous forest Montane shrublands / woodlands
Ovenbird elasphorus olatycercus Broad-tailed Hummingbird elasphorus rufus Rufous Hummingbird	Warblers Trochilidae Hummingbirds Trochilidae	time. G5 Species Occurre G5 Species Occurre G4	S4B S4B nces verified in t S4B nces verified in t S4B	MBTA MBTA MBTA; BCC10 MBTA; BCC10 MBTA; BCC10 MBTA; BCC10 MBTA; BCC10 MBTA; BCC10	lata, populations are	assumed to be stable,		5%	75% 5%	Deciduous forest Montane shrublands / woodlands
Ovenbird elasphorus blatycercus Broad-tailed Hummingbird elasphorus rufus Rufous Hummingbird ialia sialis	Warblers Trochilidae Hummingbirds Trochilidae Hummingbirds	time. G5 Species Occurre G5 Species Occurre G4 Species Occurre G5 Species Occurre	S4B S4B nces verified in t S4B nces verified in t S4B nces verified in t	MBTA MBTA MBTA; BCC10 MBTA; BCC10 MBTA; BCC10 MBTA; BCC10 MBTA; BCC10 MBTA	lata, populations are	assumed to be stable,		5% 1%	75% 5% 45%	Deciduous forest Montane shrublands / woodlands Riparian shrub
Ovenbird Delasphorus Datycercus Broad-tailed Hummingbird Delasphorus rufus Rufous Hummingbird Dialia sialis Eastern Bluebird Diza americana	Warblers Trochilidae Hummingbirds Trochilidae Hummingbirds Turdidae Thrushes Cardinalidae Tanagers / Cardinals /	time. G5 Species Occurre G5 Species Occurre G4 Species Occurre G5 Species Occurre G5 Species Occurre	S4B S4B nces verified in t S4B nces verified in t S4B nces verified in t S4B	MBTA MBTA MBTA MBTA; BCC10 MBTA MBTA MBTA MBTA MBTA MBTA MBTA MBTA	lata, populations are	assumed to be stable,		5% 1%	75% 5% 45%	Deciduous forest Montane shrublands / woodlands Riparian shrub
Ovenbird Delasphorus Datycercus Broad-tailed Hummingbird Delasphorus rufus Rufous Hummingbird Dialia sialis Eastern Bluebird Dickcissel	Warblers Trochilidae Hummingbirds Trochilidae Hummingbirds Turdidae Thrushes Cardinalidae Tanagers / Cardinals / Buntings	time. G5 Species Occurre G5 Species Occurre G4 Species Occurre G5 Species Occurre G5 Species Occurre G5 Species Occurre	S4B S4B nces verified in t S4B nces verified in t S4B nces verified in t S4B nces verified in t S4B nces verified in t	MBTA MBTA hese Counties: MBTA; BCC10 hese Counties: MBTA; BCC10 hese Counties: MBTA hese Counties: MBTA hese Counties:	lata, populations are	assumed to be stable,		5% 1% 9% 1% 3%	75% 5% 45% 45%	Deciduous forest Montane shrublands / woodlands Riparian shrub Prairie woodlands Grasslands
Ovenbird Ovenbird Ovenbird Ovenbird Ovenbird Ovenbird Diatycercus Broad-tailed Hummingbird Gelasphorus rufus Rufous Hummingbird Gialia sialis Eastern Bluebird Opiza americana Dickcissel Fyrannus vociferans	Warblers Trochilidae Hummingbirds Trochilidae Hummingbirds Turdidae Thrushes Cardinalidae Tanagers / Cardinals /	time. G5 Species Occurre G5 Species Occurre G4 Species Occurre G5 Species Occurre G5 Species Occurre G5 Species Occurre G5 Species Occurre G5 Species Occurre	S4B S4B nces verified in t S4B nces verified in t S4B nces verified in t S4B nces verified in t S4B nces verified in t S4B	MBTA MBTA hese Counties: MBTA; BCC10 hese Counties: MBTA; BCC10 hese Counties: MBTA hese Counties: MBTA hese Counties: MBTA	lata, populations are	assumed to be stable,		5% 1% 9%	75% 5% 45% 35%	Deciduous forest Montane shrublands / woodlands Riparian shrub Prairie woodlands
	Warblers Trochilidae Hummingbirds Trochilidae Hummingbirds Turdidae Thrushes Cardinalidae Tanagers / Cardinals / Buntings Tyrannidae	time. G5 Species Occurre G5 Species Occurre G4 Species Occurre G5 Species Occurre G5 Species Occurre G5 Species Occurre G5 Species Occurre G5 Species Occurre	S4B S4B nces verified in t S4B nces verified in t S4B nces verified in t S4B nces verified in t S4B nces verified in t	MBTA MBTA hese Counties: MBTA; BCC10 hese Counties: MBTA; BCC10 hese Counties: MBTA hese Counties: MBTA hese Counties: MBTA	lata, populations are	assumed to be stable,		5% 1% 9% 1% 3%	75% 5% 45% 45%	Deciduous forest Montane shrublands / woodlands Riparian shrub Prairie woodlands Grasslands

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Phrynosoma douglasii Pygmy Short-horned Lizard	Phrynosomatidae Sagebush / Spiny Lizards	G5	SNA				SGIN			Sandy/gravelly soils in grassland and shrubland
		Species Occurren State Rank Reaso is present are nee	n: This species ha		ed in Montana one time	. Data to assess the cor	nservation status in Mo	ntana are not availab	le, and further survey	ys to determine if the species

FISH (ACTINO	P T E R Y G I I)									5 SPECIES
SCIENTIFIC NAME COMMON NAME TAXA SORT	Family (scientific) Family (common)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Culaea inconstans	Gasterosteidae	G5	S4						27%	Small prairie rivers
Brook Stickleback	Sticklebacks		on: The brook stic			ana and is considered a	potential species of co	oncern. While this spo	ecies is apparently se	ecure, it may be quite rare in
Hybognathus	Cyprinidae	G5	S4					6%	26%	Small prairie rivers
hankinsoni Brassy Minnow	Minnows	Species Occurren State Rank Reaso parts of its range	on: The brassy mir	now is currently r	ranked an S4 in Montana	a and is considered a po	otential species of conc	ern. While this speci	es is apparently secu	re, it may be quite rare in
Hybognathus placitus	Cyprinidae	G4	S4					10%	8%	Small and large prairie rivers
Plains Minnow	Minnows	Species Occurren State Rank Reaso parts of its range	on: The plains min	now is currently r	anked an S4 in Montana	and is considered a po	tential species of conc	ern. While this specie	es is apparently secu	re, it may be quite rare in
Lota lota	Gadidae	G5	S4					1%	20%	Large rivers, lakes
Burbot	Burbot	Species Occurren State Rank Reaso range, and/or sus	on: The burbot is a	currently ranked a	n S4 in Montana and is	considered a potential s	species of concern. Wh	ile this species is app	parently secure, it ma	ay be quite rare in parts of its
Semotilus	Cyprinidae	G5	S4					1%	17%	Small prairie rivers
atromaculatus Creek Chub	Minnows	Species Occurrent State Rank Reasc of its range, and/	on: The creek chu	b is currently rank	ed an S4 in Montana an	d is considered a poten	tial species of concern	. While this species is	s apparently secure,	it may be quite rare in parts

INVERTEBRAT	ES - INSECTS									51 SPECIE
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Grylloblatta	Grylloblattidae	GNR	\$3\$4							
campodeiformis Northern Rock Crawler	Ice Crawlers		nces verified in th on: Only a few rec		om the state, but this is	probably due to them	being mostly nocturna	l and active at tempe	ratures just above fre	ezing.
BEETLES										
Cicindela limbata	Cicindelidae	G5	\$3							Sandy beaches
Sandy Tiger Beetle	Tiger Beetles	Species Occurre	nces verified in th	nese Counties:	·					
BUTTERFLIES										
Apodemia mormo	Riodinidae	G5	\$3\$5						37%	Sagebrush / grassland
Mormon Metalmark	Metalmark Butterflies	Species Occurre	nces verified in th	nese Counties:						
Boloria astarte	Nymphalidae	G5	S2S3						1%	Alpine
Astarte Fritillary	Brush-footed Butterflies	Species Occurre	nces verified in th	nese Counties:						
Boloria freija	Nymphalidae	G5	\$3\$5						12%	Montane wetlands
Freija Fritillary	Brush-footed Butterflies	Species Occurre	nces verified in th	nese Counties:						
chi the t	Nymphalidae	G4	\$3\$5						12%	Alpine
Chlosyne whitneyi Rockslide Checkerspot	Brush-footed Butterflies									

Colias gigantea	Pieridae	G5	S3						38%	Montane willow bogs
Giant Sulphur	Orange-tip / White / Sulphur Butterflies	Species Occurren		nese Counties:					50%	Montane wittow bogs
olias nastes	Pieridae	G5	S2S3						6%	Alpine
Labrador Sulphur	Orange-tip / White / Sulphur Butterflies	Species Occurren	ces verified in th	nese Counties:	1	1		-1		T
	Nymphalidae	G4	S2S3						5%	Alpine
Colorado Alpine	Brush-footed Butterflies	Species Occurren	ces verified in th	nese Counties:		·	·	·		·
rebia discoidalis	Nymphalidae	G5	S3S5						11%	Grassland, bogs
Red-disked Alpine	Brush-footed Butterflies	Species Occurren	ces verified in th	nese Counties:						
uchloe creusa Northern Marble	Pieridae Orange-tip / White / Sulphur	G5	S1S3						1%	Alpine tundra, subalpine fo openings
	Butterflies	Species Occurren	ces verified in th	nese Counties:						
	Nymphalidae	G5	S2S3						6%	Wetlands
Eyed Brown	Brush-footed Butterflies	Species Occurren	ces verified in th	nese Counties:						
imenitis arthemis	Nymphalidae	G5	S2S3						47%	Riparian forest
Red-spotted Admiral	Brush-footed Butterflies	Species Occurren	ces verified in th	nese Counties:						
Deneis bore	Nymphalidae	G5	S2S3						4%	Alpine
White-veined Arctic	Brush-footed Butterflies	Species Occurren	ces verified in th	nese Counties:						
)eneis melissa	Nymphalidae	G5	S2S3						12%	Alpine
Melissa Arctic	Brush-footed Butterflies	Species Occurren	ces verified in th	nese Counties:		·	·			
apilio indra	Papilionidae	G5?	S2S3						56%	Open rocky habitats
ndra Swallowtail	Swallowtail Butterflies	Species Occurren	ces verified in th	nese Counties:					•	
		G5	S2S3						49%	Grasslands
hyciodes batesii	Nymphalidae	60								1
2	Nymphalidae Brush-footed Butterflies	Species Occurren		nese Counties:	1					
Tawny Crescent				nese Counties:	1	·				
Phyciodes batesii Tawny Crescent CADDISFLIES Agapetus montanus An Agapetus Caddisfly				hese Counties:				25%	39%	Valley / mountain forest streams
Tawny Crescent CADDISFLIES gapetus montanus	Brush-footed Butterflies Glossosomatidae	Species Occurren G3 Species Occurren State Rank Reaso	cces verified in th S3 cces verified in th n: This Glossosom rs, range and/or	nese Counties: natid Caddisfly is habitat, making i			oncern in MT and is potess of concern in 2006, b	entially at risk becaus	se of limited and/o	r potentially declining
Tawny Crescent CADDISFLIES ygapetus montanus An Agapetus Caddisfly	Brush-footed Butterflies Glossosomatidae	Species Occurren G3 Species Occurren State Rank Reaso population numbe	cces verified in th S3 cces verified in th n: This Glossosom rs, range and/or	nese Counties: natid Caddisfly is habitat, making i				entially at risk becaus	se of limited and/o	r potentially declining
Tawny Crescent CADDISFLIES Ugapetus montanus An Agapetus Caddisfly Chyacophila oreia	Brush-footed Butterflies Glossosomatidae Glossosomatid Caddisflies	Species Occurren G3 Species Occurren State Rank Reaso population numbe the Potential Spec G2 Species Occurren State Rank Reaso	standard and a service of the servic	nese Counties: natid Caddisfly is habitat, making i st. nese Counties: ilan Caddisfly is c	t vulnerable. This spec	ties was ranked a species of a species of a Potential Species of	es of concern in 2006, b	entially at risk becaus out additional occurre	se of limited and/c ence records and ra	r potentially declining nge expansions has moved it
Tawny Crescent CADDISFLIES gapetus montanus An Agapetus Caddisfly hyacophila oreia A Rhyacophilan Caddisfly ericostriata surdickae Northern Rocky Mountains	Brush-footed Butterflies Glossosomatidae Glossosomatid Caddisflies Rhyacophilidae Primative Caddisflies	G3 Species Occurren State Rank Reaso population number the Potential Spec G2 Species Occurren State Rank Reaso numbers, range ar	standard and a service of the servic	nese Counties: natid Caddisfly is habitat, making i st. nese Counties: ilan Caddisfly is c	t vulnerable. This spec	ties was ranked a species of a species of a Potential Species of	es of concern in 2006, b	entially at risk becaus out additional occurre	se of limited and/c ence records and ra	streams r potentially declining nge expansions has moved it Mountain Springs ntially declining population out adult specimens. Only 2
Tawny Crescent CADDISFLIES gapetus montanus An Agapetus Caddisfly hyacophila oreia A Rhyacophilan Caddisfly ericostriata surdickae Northern Rocky Mountains	Brush-footed Butterflies Glossosomatidae Glossosomatid Caddisflies Rhyacophilidae Primative Caddisflies Uenoidae	Species Occurren G3 Species Occurren State Rank Reaso population numbe the Potential Spec G2 Species Occurren State Rank Reaso numbers, range ar records exist for A G3 Species Occurren State Rank Reaso	s3 s3 sces verified in th n: This Glossosom rrs, range and/or cies of Concern lis SNR sces verified in th n: This Rhyacophi nd/or habitat, ma Aontana S3 sces verified in th n: This Northern ling population nu	nese Counties: natid Caddisfly is habitat, making i st. nese Counties: ilan Caddisfly is c iking it vulnerable nese Counties: Rocky Mountains mbers, range and	t vulnerable. This spec urrently ranked a "SNR to extirpation in the Refugium Caddisfly is of /or habitat, making it	ies was ranked a speci " a Potential Species of state. Limited sites wit	es of concern in 2006, E Concern in MT and at r h small populations, and Potential Species of Cor	entially at risk becaus out additional occurre risk because of very li d the species is diffic 33% ncern in MT and is pol	se of limited and/or ence records and ra imited and/or pote ult to identify with 5% tentially at risk bed	streams r potentially declining nge expansions has moved it Mountain Springs ntially declining population out adult specimens. Only 2 Small forested mountain
Fawny Crescent ADDISFLIES gapetus montanus An Agapetus Caddisfly hyacophila oreia A Rhyacophilan Caddisfly ericostriata surdickae Northern Rocky Mountains Refugium Caddisfly	Brush-footed Butterflies Glossosomatidae Glossosomatid Caddisflies Rhyacophilidae Primative Caddisflies Uenoidae	Species Occurren G3 Species Occurren State Rank Reaso population numbe the Potential Spec G2 Species Occurren State Rank Reaso numbers, range ar records exist for A G3 Species Occurren State Rank Reaso potentially declini	s3 s3 sces verified in th n: This Glossosom rrs, range and/or cies of Concern lis SNR sces verified in th n: This Rhyacophi nd/or habitat, ma Aontana S3 sces verified in th n: This Northern ling population nu	nese Counties: natid Caddisfly is habitat, making i st. nese Counties: ilan Caddisfly is c iking it vulnerable nese Counties: Rocky Mountains mbers, range and	t vulnerable. This spec urrently ranked a "SNR to extirpation in the Refugium Caddisfly is of /or habitat, making it	ies was ranked a speci " a Potential Species of state. Limited sites wit	es of concern in 2006, E Concern in MT and at r h small populations, and Potential Species of Cor	entially at risk becaus out additional occurre risk because of very li d the species is diffic 33% ncern in MT and is pol	se of limited and/or ence records and ra imited and/or pote ult to identify with 5% tentially at risk bed	streams r potentially declining nge expansions has moved it Mountain Springs ntially declining population nout adult specimens. Only 2 Small forested mountai streams cause of limited and/or
Tawny Crescent CADDISFLIES gapetus montanus an Agapetus Caddisfly hyacophila oreia A Rhyacophilan Caddisfly ericostriata surdickae Northern Rocky Mountains Refugium Caddisfly MAMSELFLIES	Brush-footed Butterflies Glossosomatidae Glossosomatid Caddisflies Rhyacophilidae Primative Caddisflies Uenoidae Uenoid Caddisflies	Species Occurren G3 Species Occurren State Rank Reaso population numbe the Potential Spec G2 Species Occurren State Rank Reaso numbers, range ar records exist for A G3 Species Occurren State Rank Reaso potentially declini	s3 s3 sces verified in th n: This Glossosom rrs, range and/or cies of Concern lis SNR sces verified in th n: This Rhyacophi nd/or habitat, ma Aontana S3 sces verified in th n: This Northern ling population nu	nese Counties: natid Caddisfly is habitat, making i st. nese Counties: ilan Caddisfly is c iking it vulnerable nese Counties: Rocky Mountains mbers, range and	t vulnerable. This spec urrently ranked a "SNR to extirpation in the Refugium Caddisfly is of /or habitat, making it	ies was ranked a speci " a Potential Species of state. Limited sites wit	es of concern in 2006, E Concern in MT and at r h small populations, and Potential Species of Cor	entially at risk becaus out additional occurre risk because of very li d the species is diffic 33% ncern in MT and is pol	se of limited and/or ence records and ra imited and/or pote ult to identify with 5% tentially at risk bed	streams r potentially declining nge expansions has moved it Mountain Springs ntially declining population nout adult specimens. Only 2 Small forested mountai streams cause of limited and/or rrence records and range
ADDISFLIES gapetus montanus n Agapetus Caddisfly hyacophila oreia Rhyacophilan Caddisfly ericostriata surdickae lorthern Rocky Mountains tefugium Caddisfly AMSELFLIES rgia alberta	Brush-footed Butterflies Glossosomatidae Glossosomatid Caddisflies Rhyacophilidae Primative Caddisflies Uenoidae	Species Occurren G3 Species Occurren State Rank Reaso population numbe the Potential Spec G2 Species Occurren State Rank Reaso numbers, range ar records exist for A G3 Species Occurren State Rank Reaso potentially declini expansions has mo	ices verified in the S3 ices verified in the s3 ices verified in the s5 SNR ices verified in the s5 ices verified in the s6 ices verified in the s2 ices verified in the s2 ic	nese Counties: natid Caddisfly is habitat, making i st. nese Counties: ilan Caddisfly is c iking it vulnerable nese Counties: Rocky Mountains mbers, range and ential Species of nese Counties: ncer damselfly is	t vulnerable. This spector urrently ranked a "SNR to extirpation in the concern list. concern list.	ies was ranked a speci- " a Potential Species of state. Limited sites wit currently ranked a "S3" vulnerable. This specie	es of concern in 2006, E	entially at risk because out additional occurre risk because of very li d the species is diffic 33% ncern in MT and is pol of concern in 2006, b	se of limited and/or once records and ra imited and/or pote- ult to identify with 5% tentially at risk beo out additional occu	streams r potentially declining nge expansions has moved it Mountain Springs ntially declining population out adult specimens. Only 2 Small forested mountai streams cause of limited and/or rrence records and range Springs/Ponded Springs
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Tawny Crescent CADDISFLIES gapetus montanus An Agapetus Caddisfly Chyacophila oreia A Rhyacophila oreia A Rhyacophilan Caddisfly ericostriata surdickae Northern Rocky Mountains Refugium Caddisfly DAMSELIFLIES urgia alberta Paiute Dancer urgia emma	Brush-footed Butterflies Glossosomatidae Glossosomatid Glossosomatid Caddisflies Rhyacophilidae Primative Caddisflies Uenoidae Uenoid Caddisflies	Species Occurren G3 Species Occurren State Rank Reaso population numbe the Potential Spec G2 Species Occurren State Rank Reaso numbers, range ar records exist for A G3 Species Occurren State Rank Reaso potentially declimi expansions has mo G4 Species Occurren State Rank Reaso numbers, range ar G5 Species Occurren State Rank Reaso	signature of the second	hese Counties: habitat, making i habitat, making i st. hese Counties: ilan Caddisfly is c lain git vulnerable hese Counties: Rocky Mountains mbers, range and ential Species of hese Counties: hese Counties: her though it may hese Counties: her though it may	t vulnerable. This spector vulnerable. This spector vulnerable. This spector vulnerable. This spector vulnerable a "SNR et to extirpation in the vulnerable of the et to extirpation in the vulnerable. The vulnerable of the vulnerable. This spector vulnerable of the vulnerable. This spector value of the vulnerable of the vulnerable of the vulnerable of the vulnerable. This spector value of the vulnerable of	ies was ranked a speci- i" a Potential Species of state. Limited sites wit currently ranked a "53" vulnerable. This species s253" species of potent treas.	es of concern in 2006, b	entially at risk becaus out additional occurre risk because of very li d the species is diffic 33% ncern in MT and is pol of concern in 2006, b because they are pot	se of limited and/or ence records and ra- imited and/or pote- ult to identify with 5% tentially at risk becont 64% centially at risk becont 64%	streams r potentially declining nge expansions has moved it Mountain Springs ntially declining population out adult specimens. Only 2 Small forested mountai streams cause of limited and/or rrence records and range Springs/Ponded Spring: ause of limited and/or declin Streams and Rivers
Tawny Crescent CADDISFLIES Ugapetus montanus An Agapetus Caddisfly Chyacophila oreia A Rhyacophilan Caddisfly ericostriata surdickae Northern Rocky Mountains Refugium Caddisfly DAMSELFLIES	Brush-footed Butterflies Glossosomatidae Glossosomatid Glossosomatid Caddisflies Primative Caddisflies Uenoidae Uenoid Caddisflies Coenagrionidae Narrow-winged Damselflies Coenagrionidae	Species Occurren G3 Species Occurren State Rank Reaso population numbe the Potential Spec G2 Species Occurren State Rank Reaso numbers, range ar records exist for A G3 Species Occurren State Rank Reaso potentially declimi expansions has mo G4 Species Occurren State Rank Reaso numbers, range ar G5 Species Occurren State Rank Reaso	signature of the second	hese Counties: habitat, making i habitat, making i st. hese Counties: ilan Caddisfly is c lain git vulnerable hese Counties: Rocky Mountains mbers, range and ential Species of hese Counties: hese Counties: her though it may hese Counties: her though it may	t vulnerable. This spector vulnerable. This spector vulnerable. This spector vulnerable. This spector vulnerable and the spector value of the spector value of the value of th	ies was ranked a speci- i" a Potential Species of state. Limited sites wit currently ranked a "53" vulnerable. This species s253" species of potent treas.	es of concern in 2006, b	entially at risk becaus out additional occurre risk because of very li d the species is diffic 33% ncern in MT and is pol of concern in 2006, b because they are pot	se of limited and/or ence records and ra- imited and/or pote- ult to identify with 5% tentially at risk becont 64% centially at risk becont 64%	r potentially declining nge expansions has moved it Mountain Springs ntially declining population out adult specimens. Only 2 Small forested mountain streams cause of limited and/or rrence records and range Springs/Ponded Springs ause of limited and/or declin

Coenagrion angulatum Prairie Bluet	Coenagrionidae Narrow-winged Damselflies	G5	S1S3					16%	32%	Small prairie streams / wetlands
		State Rank Reas		uet damselfly is c			l concern in Montana be d on limited collections,			e of limited and/or declining e rank implies.
E nallagma civile Familiar Bluet	Coenagrionidae Narrow-winged Damselflies	G5	S2S4						45%	Wetlands / lakes with emergent veg
		State Rank Reas		Bluet damselfly is			ial concern in Montana I d on limited collections,			use of limited and/or declinin e rank implies.
Enallagma clausum	Coenagrionidae	G5	S2S4					17%	81%	Prairie streams / wetlands
Alkali Bluet	Narrow-winged Damselflies	State Rank Reas		et damselfly is cu			concern in Montana bee d on limited collections,			e of limited and/or declining e rank implies.
Enallagma praevarum	Coenagrionidae	G5	\$3\$5						42%	Prairie streams / wetlands
Arroyo Bluet	Narrow-winged Damselflies	State Rank Reas	ences verified in t ion: The Arroyo Blu and/or habitat, ev	let damselfly is c	urrently listed as an "S3 be abundant in some ar	5" species of potentia eas. This rank was bas	l concern in Montana be sed on limited collectior	ecause they are pote as, but this species is	ntially at risk becaus s more widespread th	e of limited and/or declining hat the rank implies.
DRAGONFLIES										
Aeshna constricta Lance-tipped Darner	Aeshnidae Darner Dragonflies	G5	S1S3						100%	Wetlands / lakes with emergent veg
		State Rank Reas		ped Darner is curi	rently ranked S1S3 as a ' en though it may be abı		oncern" in Montana beca	ause it is potentially	at risk of extirpatior	in the state due to limited
Aeshna eremita Lake Darner	Aeshnidae Darner Dragonflies	G5	S354						45%	Wetlands / lakes with emergent veg
		State Rank Reas		er is currently rai	nked S3S4 as a "potentia Igh it may be abundant i		n Montana because it is	potentially at risk o	f extirpation in the s	tate due to limited and/or
Aeshna juncea	Aeshnidae	G5	\$3\$5	,					32%	Wetlands
Sedge Darner	Darner Dragonflies	State Rank Reas		mer is currently r	anked S3S5 as a "potenti Igh it may be abundant i		in Montana because it i	s potentially at risk	of extirpation in the	state, due to limited and/or
Aeshna sitchensis	Aeshnidae	G5	S2S3	,					32%	Wetlands
Zigzag Darner	Darner Dragonflies	State Rank Reas		rner is currently r	anked S2S3 as a "potent gh it may be abundant i		' in Montana because it	is potentially at risk	of extirpation in the	state, due to limited and/or
Aeshna tuberculifera Black-tipped Darner	Aeshnidae Darner Dragonflies	G5	S254						17%	Wetlands / lakes with emergent veg
		State Rank Reas		ed Darner is curr	ently ranked S2S4 as a " en though it may be abu		ncern" in Montana beca	use it is potentially a	at risk of extirpation	in the state, due to limited
Arigomphus cornutus	Gomphidae	G4	S2S4						6%	Prairie Streams / Rivers
Horned Clubtail	Clubtail Dragonflies	State Rank Reas		ubtail dragonfly i			ntial concern in Montana nk is based on limited co			ause of limited and/or ad that the rank implies.
Epitheca spinigera Spiny Baskettail	Corduliidae Emerald Dragonflies	G5	\$3\$5						18%	Wetlands / lakes with emergent veg
		State Rank Reas		kettail is currently	y ranked S3S5 as a "pote Igh it may be abundant i		rn" in Montana because	it is potentially at ri	sk of extirpation in t	ne state, due to limited and/c
Gomphus externus	Gomphidae	G5	S2S4						30%	Large prairie rivers
Plains Clubtail	Clubtail Dragonflies	State Rank Reas		btail is currently	ranked S2S4 as a "potent Igh it may be abundant i		" in Montana because it	is potentially at risk	of extirpation in the	e state due to limited and/or
Gomphus graslinellus	Gomphidae	G5	\$3\$5						65%	Large prairie rivers
Pronghorn Clubtail	Clubtail Dragonflies									

		State Rank Reas		n clubtail is currei		'potential species of co abundant in some areas.		se it is potentially at risk	of extirpation in	the state due to limited
Ladona julia Chalk-fronted Corporal	Libellulidae Skimmer Dragonflies	G5	S3S4						16%	Wetlands / lakes with emergent veg
		State Rank Reas		nted Corporal drag	gonfly is currently list be abundant in some		of concern in Montana be	ecause they are potentia	Illy at risk becaus	se of limited and/or declining
Leucorrhinia glacialis Crimson-ringed Whiteface	Libellulidae Skimmer Dragonflies	G5	S3						32%	Wetlands / lakes with emergent veg
		State Rank Reas		ringed Whiteface		as a "potential species abundant in some areas.		ecause it is potentially a	at risk of extirpat	ion in the state, due to limited
Libellula saturata Flame Skimmer	Libellulidae Skimmer Dragonflies	G5	S2S4						47%	Wetlands / lakes with emergent veg
		State Rank Reas		immer dragonfly i	s currently listed as a be abundant in some		ern in Montana because 1	hey are potentially at ri	sk because of lin	nited and/or declining
Ophiogomphus	Gomphidae	G5	S2S4						17%	Large cold rivers
occidentis Sinuous Snaketail	Clubtail Dragonflies	State Rank Reas		naketail is current						the state due to limited and/or ion in the state (Kohler, pers.
Rhionaeschna californica	Aeshnidae Darner Dragonflies	G5	\$3\$5						69 %	Wetlands / lakes with emergent veg
California Darner		State Rank Reas		Darner is current	tly ranked S3S5 as a "p gh it may be abundar		cern" in Montana because	e it is potentially at risk	of extirpation in t	the state due to limited and/or
Rhionaeschna multicolor	Aeshnidae Darner Dragonflies	G5	S2S4						84%	Wetlands / lakes with emergent veg
Blue-eyed Darner		State Rank Reas		d Darner is curren		potential species of con abundant in some areas.	icern" in Montana because	e it is potentially at risk	of extirpation in	the state, due to limited
Somatochlora	Corduliidae	G5	S1S3						19 %	Wetlands
albicincta Ringed Emerald	Emerald Dragonflies	State Rank Reas		nerald is currently	y ranked S1S3 as a "po Igh it may be abundar		ern" in Montana because i	it is potentially at risk of	extirpation in th	e state, due to limited and/or
Somatochlora hudsonica	Corduliidae Emerald Dragonflies	G5	S2S4						32%	Wetlands / lakes with emergent veg
Hudsonian Emerald		State Rank Reas		n emerald dragon	fly is currently listed a		concern in Montana becau	use they are potentially	at risk because o	f limited and/or declining
Somatochlora minor Ocellated Emerald	Corduliidae Emerald Dragonflies	G5	S2S4						56%	Wetlands / lakes with emergent veg
		State Rank Reas		l emerald dragonf	ly is currently listed a Igh it may be abundar		ecies of concern in Monta	ana because they are po	tentially at risk b	ecause of limited and/or
Somatochlora	Corduliidae	G5	\$3\$5						32%	Wetlands
semicircularis Mountain Emerald	Emerald Dragonflies	State Rank Reas		Emerald is currer		potential species of cor abundant in some areas.		e it is potentially at risk	of extirpation in	the state, due to limited
Sympetrum madidum Red-veined Meadowhawk	Libellulidae Skimmer Dragonflies	G5	S2S3						100%	Wetlands / lakes with emergent veg
		State Rank Reas	ers, range and/or h	ed Meadowhawk d	Iragonfly is currently l Igh it may be abundar	isted as an "S2S3" specie It in some areas. The ex	es of concern in Montana ktension of their range in	because they are poten to eastern Montana will	tially at risk beca likely remove thi	ause of limited and/or s species from the list with a
MAYFLIES										

Analetris eximia	Acanthametropodidae	G3	S3						Large prairie rivers
A Sand-dwelling Mayfly	Acanthametropodid Mayflies	declining number	on: This sand-dwel rs, range and/or ha	ling mayfly is curr abitat, even thoug		n some areas. The spec			ne state due to limited and/or st with the damming and
Baetisca columbiana	Baetiscidae	G2G4	SNR						Large, cold rivers
A Mayfly		Species Occurre	nces verified in th	nese Counties:					
Caudatella edmundsi Northern Rocky Mountains	Ephemerellidae Ephemerellid Mayflies	G4	\$3				25%	10%	Small forested mountain streams
Refugium Mayfly		State Rank Reaso declining number	s, range and/or h	/fly is currently ra abitat, even thoug	sh it may be abundant i	n some areas. This spec	OC list in 2011 after	targeted habitat sam	te due to limited and/or Ipling found many more
STONEFLIES									
	Capniidae	G2	SNR						Mountain Streams
Mission Mountains Snowfly	Small Winter Stoneflies	State Rank Reason numbers, range a	nd/or habitat, eve	n Stonefly is curre en though it may b	be abundant in some are	eas. This rank is based	but is probably more	widespread that the	limited and/or declining rank implies. This species is

INVERTEBRATES - MOLLUSKS 3 SPECIES									3 SPECIES	
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	global Rank	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Fluminicola fuscus	Hydrobiidae Amnicolas / Duskysnails	G2	SH							Medium- and large-sized rivers
Columbia Pebblesnail		Species Occurrences verified in these Counties:								
Radiodiscus abietum	Charopidae Pinwheels	G4	\$3\$4						8%	Moist conifer forests
Fir Pinwheel		Species Occurrences verified in these Counties:								
Valvata tricarinata	Valvatidae	G5	S2S3						1%	Large Rivers / Lakes
Threeridge Valvata	Valvatas		on: The Three-ridg	e valvata is currer	ntly ranked a "S2S3" Pot . Known occurrences in			ally at risk because c	of limited and/or pot	entially declining population

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
FRESHWATER SPONGES										
Heteromeyenia baileyi	Spongillidae	G5	S1S3							Lakes
		numbers range a	nd/or habitat ma							ntially declining population
	Conotylidae	numbers, range a	nd/or habitat, ma		. Known occurrences in					Subalpine mixed conifer
	Conotylidae Conotylid Millipedes	GHQ Species Occurren	SNR nces verified in th	king it vulnerable		Montana are limited to	o one lake in Lincoln Co			
Endopus parvipes A Millipede Lophomus laxus	Conotylid Millipedes	GHQ Species Occurren	SNR nces verified in th	king it vulnerable	e. Known occurrences in	Montana are limited to	o one lake in Lincoln Co			Subalpine mixed conifer
Endopus parvipes A Millipede	Conotylid Millipedes	GHQ Species Occurren State Rank Reaso GH Species Occurren	SNR nces verified in th n: The status of the SNR nces verified in the	king it vulnerable	e. Known occurrences in	Montana are limited to	ertainty	unty.		Subalpine mixed conifer forests
Endopus parvipes A Millipede Lophomus laxus A Millipede	Conotylid Millipedes	GHQ Species Occurren State Rank Reaso GH Species Occurren	SNR nces verified in th n: The status of the SNR nces verified in the	king it vulnerable	ertain due to a lack of d	Montana are limited to	ertainty	unty.		Subalpine mixed conifer forests

BIRDS (AVES)									2 SPECIES	
SCIENTIFIC NAME COMMON NAME TAXA SORT	Family (scientific) Family (common)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWP SWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
Calidris canutus	Scolopacidae Sandpipers	G4	SNA	LT; MBTA		THREATENED		0%	0%	
Red Knot		Species Occurrences verified in these Counties: Cascade, Chouteau, Phillips, Teton								
Haliaeetus leucocephalus Bald Eagle	Accipitridae Hawks / Kites / Eagles	G5	S4	DM; BGEPA; MBTA	Sensitive - Known on Forests (BD, BRT, CG, KOOT, LOLO)	SENSITIVE		2%	100%	Riparian forest
		Species Occurrences verified in these Counties: Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Carter, Cascade, Chouteau, Custer, Dawson, Deer Lodge, Fallon, Fergus, Flathead, Gallatin, Garfield, Glacier, Golden Valley, Granite, Hill, Jefferson, Judith Basin, Lake, Lewis and Clark, Liberty, Lincoln, Madison, Mccone, Meagher, Mineral, Missoula, Musselshell, Park, Petroleum, Phillips, Pondera, Powder River, Powell, Prairie, Ravalli, Richland, Roosevelt, Rosebud, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Toole, Treasure, Valley, Wheatland, Wibaux, Yellowstone State Rank Reason: Populations numbers have steadily increased since the 1980s and breeding pairs now occupy a high percentage of suitable habitat across the state. However the species is still protected under the Bald and Golden Eagle Protection Act of 1940.								

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SPECIES	DATE	NOTES
Myotis evotis Long-eared Myotis	2/19/2021	Recent review of the ranking criteria have suggested that a rank of S3 may be more appropriate due to increased threats from WNS. Since last review the species has been shown to exhibit symptomatic WNS when exposed Pd and warranting an increased threat rank and inclusion on the SOC list due to potential impacts on statewide populations.
Myotis volans Long-legged Myotis	2/19/2021	Recent review of the ranking criteria have suggested that a rank of 53 may be more appropriate due to increased threats from WNS. Since last review the species has been shown to exhibit symptomatic WNS when exposed in Pd and warranting an increased threat rank and inclusion on the SOC list due to potential impacts on statewide populations.
Danaus plexippus Monarch	2/19/2021	In December 2020, US Fish and Wildlife Service species status assessment for the Monarch Butterfly was released (https://www.fws.gov/savethemonarch/pdfs/Monarch-SSA-report.pdf). This status assessment includes data on both the eastern and western North American populations of the species and provides data to rank the species within Montana. After review of the statewide distribution and habitat as well as projected trend for the populations that occur in the state the species rank was lowered from S4 to S2S3 to reflect ongoing declines and the high probability of extinction of the western population by 2050.
Atrytone arogos Arogos Skipper	4/16/2020	Species added to the SOC list because it is globally rare/ threatened (G2G3). More information is needed to refine state rank.
Celastrina humulus Hops Azure	4/16/2020	Species added to the SOC list because it is globally rare/ threatened (G2G3). More information is needed to refine state rank.
Fisherola nuttalli Shortface Lanx	10/31/2019	Based on repeated surveys of historic habitat this species appears to be declining precipitously and is at great risk of extirpation within Montana due to ongoing threats to persistence of the population isolated by damming of the Clark Fork River. Rank of SH inappropriate, updated to numeric rank as species is present in the state.
Lasiurus borealis Eastern Red Bat	9/25/2018	Recent surveys using acoustic detectors have shown this species to be present across much of central and eastern Montana during the summer and fall. Tree roosting bat species, including the Eastern Red Bat, are commonly killed at wind farms, which presents a substantial threat to the long-term viability of populations within the state.
Myotis yumanensis Yuma Myotis	9/25/2018	In Montana populations of this species are believed to be stable. However, the threat of catastrophic decline from White-Nose Syndrome, a fungal disease of bats responsible for the deaths of millions of individuals of closel related species in other areas, presents a treat of substantial declines within the state. Recent observations from Washington have confirmed the susceptibility of this species to WNS infection.
Myotis septentrionalis Northern Myotis	9/24/2018	Recent survey efforts have established year-round presence of the species in Montana, and have provided enough data to assign a status rank.
Hemphillia skadei Skade's Jumping-slug	6/7/2018	Species newly discovered in the state. Only a single occurrence is known in Montana from the western portion of the Cabinet Mountains. Habitat is limited to forested areas with cooler temperatures.
Pyrgulopsis blainica Blaine Pyrg	5/3/2016	Species is endemic to Montana and is only found in the outflow from one spring in Madison County.
Cryptomastix sanburni Kingston Oregonian	5/3/2016	Species is endemic to far western Montana and Idaho. There are no recent collections.
Pristiloma idahoense Thinlip Tightcoil	4/26/2016	Recently discovered in Montana. Lack of detection in recent broadscale terrestrial mollusk surveys indicates its rarity in Montana and the species is globally rare.
Myotis lucifugus Little Brown Myotis	4/21/2014	State risk upgraded from S4 to S3 because global risk was upgraded to G3 by NatureServe; state risk cannot be more secure than global risk.
Cicindela arenicola Saint Anthony Dune Tiger Beetle	10/7/2013	Species risk evaluated at S1S2 as a result of its global rarity and recently detected occupancy of isolated suitable habitat in the Centennial Sandhills of southwest Montana.
Sorex eximius Western Pygmy Shrew	5/10/2013	Risk evaluated at S3 due to apparent rarity and intrinsic vulnerability.
Coccothraustes vespertinus Evening Grosbeak	4/17/2012	Risk evaluated at S3 because populations in Montana and across the Northern Rockies have undergone significant recent declines.
Pipilo chlorurus Green-tailed Towhee	4/17/2012	Risk evaluated at S3 because populations in Montana and across the Northern Rockies have undergone recent declines.
Surnia ulula Northern Hawk Owl	4/17/2012	Risk evaluated at S3 because species has a small population and limited distribution in Montana.
Ixoreus naevius Varied Thrush	4/17/2012	Risk evaluated at S3 because species has undergone recent population declines in Montana and across the Northern Rockies and faces threats from fire, insect outbreak, and timber harvest related to climate change.
Canis lupus Gray Wolf	8/5/2010	On 8/5/2010 a judge in U.S. district court reversed the U.S. Fish and Wildlife Service's decision to delist, thereby placing them back on the Endangered Species List. The species was added back onto the Montana Species of Concern List despite its \$4 ranking in order to make this federal status information available on environmental reviews.
Myoxocephalus thompsonii Deepwater Sculpin	4/8/2010	Risk evaluated at S3 due to extremely restricted distribution. This species occupies <=5% of Montana.
Etheostoma exile Iowa Darter	4/8/2010	Risk evaluated at S3 due primarily to restricted distribution. Montana populations also face threats from introductions of Northern Pike and intensive agriculture and grazing.
Chrosomus eos Northern Redbelly Dace	4/8/2010	Risk evaluated at S3 due to declining population trends that appear to be linked to the introduction of Northern Pike. Intensive agriculture and grazing also represent threats to the species.

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SPECIES	DATE	NOTES
Prosopium coulterii Pygmy Whitefish	4/8/2010	Risk evaluated at S3 due to restricted and disjunct distribution. This species occupies <=5% of Montana.
Tympanuchus phasianellus Sharp-tailed Grouse	2/26/2010	A recent genetic study indicates that populations formerly found west of the Continental Divide were more appropriately recognized as the same subspecies of Sharp-tailed Grouse found across eastern Montana rather than Columbian Sharp-tailed Grouse. Therefore, populations of Sharp-tailed Grouse (Tympanuchus phasianellus) west of the Continental Divide are a Species of Concern with a state rank of S1 and populations east of the Continental Divide have a state rank of S4 and are not a Species of Concern.
Grylloblatta campodeiformis Northern Rock Crawler	2/1/2010	Species recently identified as occuring in the state. State risk assessed at S3S4 because the species is listed by Jarvis and Whiting (2006) as having near Threatened status by IUCN standards, but yet assessed by IUCN.
Oreohelix haydeni Lyrate Mountainsnail	1/7/2010	Species recently identified as occuring in the state during the course of a literature review. State risk assessed at \$13 because Montana only represents a portion of the species' range and its global risk is rated at G23 by NatureServe.
Oreohelix pygmaea Pygmy Mountainsnail	1/7/2010	Species recently identified as occuring in the state during the course of a literature review. State risk assessed at S1 because its global risk is rated at G1 by NatureServe.
Fluminicola fuscus Columbia Pebblesnail	8/3/2009	Assessed at SH (historic) because although species has no recent records surveys have not been performed to rule out their ongoing presence.
Coccyzus erythropthalmus Black-billed Cuckoo	5/1/2009	Risk upgraded from S3S4 to S3 due to declining population trends in Montana and surrounding states and provinces.
Himantopus mexicanus Black-necked Stilt	5/1/2009	Risk upgraded from S3S4 to S3 due to threats to wetland habitats species is dependent on.
Certhia americana Brown Creeper	5/1/2009	Risk upgraded from S4 to S3 due to threats to mature conifer forest habitats from insect outbreaks and fire.
Aquila chrysaetos Golden Eagle	5/1/2009	Risk upgraded from S4 to S3 due to recent evidence for rangewide declines and threats posed from energy development.
Ardea herodias Great Blue Heron	5/1/2009	Risk upgraded from S3S4 to S3 due to declining population trends and threats to nesting habitat.
Podiceps auritus Horned Grebe	5/1/2009	Risk upgraded from S4 to S3 due to declining population trends and threats to wetland breeding habitats.
Accipiter gentilis Northern Goshawk	5/1/2009	Risk upgraded from S4 to S3 due to increased threats to habitat from insect outbreaks and fire.
Troglodytes pacificus Pacific Wren	5/1/2009	Risk upgraded from S4 to S3 due to increased threats to habitat from insect outbreaks and fire.
Dryocopus pileatus Pileated Woodpecker	5/1/2009	Risk upgraded from S4 to S3 due to increased threats to habitat from insect outbreaks and fire.
Catharus fuscescens Veery	5/1/2009	Risk upgraded from S4 to S3 due to declining population trends and threats to riparian breeding habitat.
Soyedina potteri Northern Rocky Mountains Refugium Stonefly	5/1/2009	State risk upgraded to 52 because global risk was upgraded to G2 by NatureServe; state risk cannot be more secure than global risk.
Lasiurus cinereus Hoary Bat	10/1/2008	Risk upgraded from S3S4 to S3 due to threat posed by collision with wind turbines and threats to broadleaf riparian forests
Botaurus lentiginosus American Bittern	10/1/2008	Risk upgraded from S4 to S3 due to threats to wetland breeding habitats.
Haemorhous cassinii Cassin's Finch	10/1/2008	Risk upgraded from S5 to S3 due to declining population trends threats to conifer forest habitats from insect outbreaks and fire.
Aechmophorus clarkii Clark's Grebe	10/1/2008	Risk upgraded from S2S4 to S3 due to threats to wetland breeding habitats.
Nucifraga columbiana Clark's Nutcracker	10/1/2008	Risk upgraded from S5 to S3 due to declining population trends and threats to conifer forest habitats from disease, insect outbreaks, and fire.
Gymnorhinus cyanocephalus Pinyon Jay	10/1/2008	Risk upgraded from S4 to S3 due to declining population trends.
Rhyacophila gemona A Rhyacophilan Caddisfly	10/1/2008	Risk assessed at S2 as a result of baseline surveys and literature records indicating that the species is rare within its known range in Montana and because drought and climate change represent threats to the species' limited habitat.
Rhyacophila rickeri A Rhyacophilan Caddisfly	10/1/2008	Risk assessed at 52 as a result of recent baseline surveys and literature records indicating that the species is rare within its known range in Montana and because drought and climate change represent threats to the species' limited habitat.

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SPECIES	DATE	NOTES
Rhyacophila potteri A Rhyacophilan Caddisfly	10/1/2008	Risk assessed at S2 as a result of recent baseline surveys and literature records indicating that the species is rare within its known range in Montana and because drought and climate change represent threats to the species' limited habitat.
Goereilla baumanni Northern Rocky Mountains Refugium Caddisfly	10/1/2008	Risk assessed at S2 as a result of recent baseline surveys and literature records indicating that the species is rare within its known range in Montana and because drought and climate change represent threats to the species limited habitat.
Rossiana montana Northern Rocky Mountains Refugium Caddisfly	10/1/2008	Risk assessed at S2 as a result of recent baseline surveys and literature records indicating that the species is rare within its known range in Montana and because drought and climate change represent threats to the species limited habitat.
Caurinella idahoensis Lolo Mayfly	10/1/2008	Risk upgraded from S3 to S2 as a result of baseline surveys and literature records indicating that the species is rare within its known range in Montana and because drought and climate change represent threats to the species limited habitat.
Soliperla salish Clearwater Roachfly	10/1/2008	Risk assessed at S2 as a result of recent baseline surveys and literature records indicating that the species is rare within its known range in Montana and because drought and climate change represent threats to the species' limited habitat.
Hemphillia camelus Pale Jumping-slug	10/1/2008	Risk upgraded from S13 to S12 because recent surveys indicate the species is quite rare within their known range in Montana.
Prophysaon andersoni Reticulate Taildropper	10/1/2008	Risk upgraded from S13 to S12 because recent surveys indicate the species is quite rare within their known range in Montana.
Margaritifera falcata Western Pearlshell	10/1/2008	Risk upgraded from S24 to S2 because recent surveys indicate the species has undergone dramatic declines across their former range in Montana.
Blarina brevicauda Northern Short-tailed Shrew	7/1/2006	Risk assessed at \$1\$3 as a result of their recent detection in Montana with a likely limited distribution.
Spilogale gracilis Western Spotted Skunk	7/1/2006	Risk assessed with a range rank of S1S3 as a result of only a single detection of the species in Montana since 1995.
Dicamptodon aterrimus Idaho Giant Salamander	7/1/2006	Risk assessed at \$1\$3 as a result of their recent detection in Montana with a likely limited distribution.
Salvelinus namaycush Lake Trout	7/1/2006	Risk assessed at S2 due to declining trends in, and restricted distribution of, native populations.
Stylurus intricatus Brimstone Clubtail	7/1/2006	Risk assessed at S1 because of rarity of habitat and threats to large prairie river breeding habitat.
Raptoheptagenia cruentata A Mayfly	7/1/2006	Risk assessed at 52 because of rarity of habitat and threats to large prairie river breeding habitat.
Anepeorus rusticus A Sand-dwelling Mayfly	7/1/2006	Risk assessed at S1 because of rarity of habitat and threats to large prairie river breeding habitat.
Homoeoneuria alleni A Sand-dwelling Mayfly	7/1/2006	Risk assessed at S2 because of rarity of habitat and threats to large prairie river breeding habitat.
Lachlania saskatchewanensis A Sand-dwelling Mayfly	7/1/2006	Risk assessed at S1 because of rarity of habitat and threats to large prairie river breeding habitat.
Macdunnoa nipawinia A Sand-dwelling Mayfly	7/1/2006	Risk assessed at S2 because of rarity of habitat and threats to large prairie river breeding habitat.
Pyrgulopsis bedfordensis Bedford Springsnail	7/1/2006	Risk assessed at S1 because species' known global distribution is restricted to a single warm spring on the west side of Canyon Ferry Reservoir.
Kootenaia burkei Pygmy Slug	7/1/2006	Risk assessed at \$12 due to rarity and limited known distribution.
Haplotrema vancouverense Robust Lancetooth	7/1/2006	Risk assessed at \$12 as a result of recent surveys and literature records indicating the species is rare with its known breeding range in Montana and because drought and climate change represent threats to the species' limited habitat.
Prophysaon humile Smoky Taildropper	7/1/2006	Risk assessed at \$13 as a result of recent surveys and literature records indicating the species is rare with its known breeding range in Montana and because drought and climate change represent threats to the species' limited habitat.
Pacifastacus gambelii Pilose Crayfish	7/1/2006	Risk assessed at S1 because recent surveys have failed to detect them throughout their former known range in Montana.
Ephydatia cooperensis A Freshwater Sponge	7/1/2006	Risk assessed at \$13 because of rarity and limited known distribution.
Adrityla cucullata A Millipede	7/1/2006	Risk assessed at \$13 because of rarity and limited known distribution.

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SPECIES	DATE	NOTES	
Austrotyla montani A Millipede	7/1/2006	Risk assessed at \$13 because of rarity and limited known distribution.	
Corypus cochlearis A Millipede	7/1/2006	Risk assessed at \$13 because of rarity and limited known distribution.	
Endopus parvipes A Millipede	7/1/2006	Risk assessed at \$13 because of rarity and limited known distribution.	
Lophomus laxus A Millipede	7/1/2006	Risk assessed at \$13 because of rarity and limited known distribution.	
Orophe cabinetus A Millipede	7/1/2006	Risk assessed at \$13 because of rarity and limited known distribution.	
Orthogmus oculatus A Millipede	7/1/2006	Risk assessed at \$13 because of rarity and limited known distribution.	
Taiyutyla curvata A Millipede	7/1/2006	Risk assessed at \$13 because of rarity and limited known distribution.	
Lasiurus borealis Eastern Red Bat	7/1/2004	Risk assessed at S2S3 due to rarity, intrinsic vulnerability, and threats to habitat.	
Myotis septentrionalis Northern Myotis	7/1/2004	Risk assessed at S2S3 due to rarity and intrinsic vulnerability.	
Dolichonyx oryzivorus Bobolink	7/1/2004	Risk assessed at S2 due to declining population trends and threats to habitat.	
Spizella breweri Brewer's Sparrow	7/1/2004	Risk upgraded from S4 to S2 due to threats to habitat.	
Calcarius ornatus Chestnut-collared Longspur	7/1/2004	Risk upgraded from S5 to S3 due to declining population trends and threats to habitat.	
Ammodramus savannarum Grasshopper Sparrow	7/1/2004	Risk upgraded from S4 to S3 due to declining population trends and threats to habitat.	
Centrocercus urophasianus Greater Sage-Grouse	7/1/2004	Risk upgraded from S4 to S3 due to declining population trends and threats to habitat.	
Calamospiza melanocorys Lark Bunting	7/1/2004	Risk upgraded from S4 to S3 due to evaluation of threats faced by species.	
Lanius ludovicianus Loggerhead Shrike	7/1/2004	Risk upgraded from S4 to S3 due to declining population trends.	
Numenius americanus Long-billed Curlew	7/1/2004	Risk upgraded from S4 to S3 due to evaluation of threats faced by species.	
Oreoscoptes montanus Sage Thrasher	7/1/2004	Risk assessed at S3 due to declining population trends and threats to habitat.	
Buteo swainsoni Swainson's Hawk	7/1/2004	Risk upgraded from S4 to S3 due to evaluation of threats faced by species.	
Rhynchophanes mccownii Thick-billed Longspur	7/1/2004	Risk upgraded from S4 to S2 due to declining population trends and threats to habitat.	
Boloria alberta Alberta Fritillary	7/1/2004	Risk assessed at 523 due to apparent rarity and threats to habitat.	
Boloria frigga Frigga Fritillary	7/1/2004	Risk assessed at S12 due to apparent rarity and threats to habitat.	
Polygonia progne Gray Comma	7/1/2004	Risk assessed at S2 due to apparent rarity.	
Erebia magdalena Magdalena Alpine	7/1/2004	Risk assessed at S2 due to apparent rarity and threats to habitat.	
Radiodiscus abietum Fir Pinwheel	7/1/2004	Risk assessed at \$23 due to apparent rarity.	

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SPECIES	DATE	NOTES						
Polygyrella polygyrella Humped Coin	7/1/2004	Risk assessed at \$13 due to apparent rarity.						
Udosarx lyrata Lyre Mantleslug	7/1/2004	isk assessed at S1 due to apparent rarity.						
Sorex arcticus Arctic Shrew	1/1/2003	x assessed at S1 due to apparent rarity after species was detected in the state for the first time.						
Sorex eximius Western Pygmy Shrew	1/1/2003	Risk assessed at S3 due to apparent rarity.						
Leucosticte tephrocotis Gray-crowned Rosy-Finch	1/1/2003	Risk assessed at S3 for breeding population of year round resident Cassin's Gray-crowned Rosy-Finch (<i>Leucosticte tephrocotis tephrocotis</i>) due to apparent rarity while the winter migrant population of Hepburn's Gray- crowned Rosy-Finch (<i>Leucosticte tephrocotis littoralis</i>) was assessed at S5.						
Phrynosoma hernandesi Greater Short-horned Lizard	1/1/2003	Risk assessed at S3 due to apparent rarity.						
Elgaria coerulea Northern Alligator Lizard	1/1/2003	Risk assessed at S3 due to apparent rarity.						
Spea bombifrons Plains Spadefoot	1/1/2003	Risk assessed at S3 due to apparent rarity.						
Hesperia ottoe Ottoe Skipper	1/1/2003	Risk assessed at S23 due to apparent rarity.						
Enallagma clausum Alkali Bluet	1/1/2003	Risk assessed at S24 due to apparent rarity.						
Enallagma civile Familiar Bluet	1/1/2003	tisk assessed at 524 due to apparent rarity.						
Argia alberta Paiute Dancer	1/1/2003	Risk assessed at \$23 due to apparent rarity.						
Coenagrion angulatum Prairie Bluet	1/1/2003	Risk assessed at \$13 due to apparent rarity.						
Aeshna tuberculifera Black-tipped Darner	1/1/2003	Risk assessed at S24 due to apparent rarity.						
Rhionaeschna multicolor Blue-eyed Darner	1/1/2003	Risk assessed at S24 due to apparent rarity.						
Arigomphus cornutus Horned Clubtail	1/1/2003	Risk assessed at S24 due to apparent rarity.						
Aeshna constricta Lance-tipped Darner	1/1/2003	Risk assessed at S13 due to apparent rarity.						
Somatochlora minor Ocellated Emerald	1/1/2003	Risk assessed at S24 due to apparent rarity.						
Gomphus externus Plains Clubtail	1/1/2003	Risk assessed at S24 due to apparent rarity.						
Sympetrum madidum Red-veined Meadowhawk	1/1/2003	Risk assessed at S23 due to apparent rarity.						
Ophiogomphus occidentis Sinuous Snaketail	1/1/2003	Risk assessed at S24 due to apparent rarity.						
Aeshna sitchensis Zigzag Darner	1/1/2003	Risk assessed at \$23 due to apparent rarity.						
Stygobromus tritus A Subterranean Amphipod	1/1/2003	Risk assessed at S12 due to apparent rarity.						
Stygobromus glacialis Glacier Amphipod	1/1/2003	Risk assessed at S12 due to apparent rarity.						
Bos bison Bison	8/1/2001	Risk assessed at S2 due to rarity of free ranging herds.						

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Antrozous pallidus Pallid Bat	8/1/2001	Risk assessed at \$1 due to limited distribution and apparent rarity in Montana.						
Sorex preblei Preble's Shrew	8/1/2001	isk assessed at S3 due to apparent rarity.						
Spilogale gracilis Western Spotted Skunk	8/1/2001	Risk assessed at S1 due to apparent rarity.						
Tyto alba Barn Owl	8/1/2001	Risk assessed at S1 due to limited distribution and apparent rarity in Montana.						
Leucosticte atrata Black Rosy-Finch	8/1/2001	Risk assessed at S3 due to apparent rarity and threats to habitat.						
Mniotilta varia Black-and-white Warbler	8/1/2001	Risk assessed at S2S3 due to limited distribution and apparent rarity in Montana.						
Poecile hudsonicus Boreal Chickadee	8/1/2001	Risk assessed at S1S2 due to limited distribution and apparent rarity in Montana.						
Selasphorus platycercus Broad-tailed Hummingbird	8/1/2001	Risk assessed at S1 due to limited distribution and apparent rarity in Montana.						
Sialia sialis Eastern Bluebird	8/1/2001	Risk assessed at S2 due to threats to habitat.						
Melanerpes lewis Lewis's Woodpecker	8/1/2001	Risk assessed at S3S4 due to apparent rarity.						
Surnia ulula Northern Hawk Owl	8/1/2001	Risk assessed at S1 due to limited distribution and apparent rarity in Montana.						
Contopus cooperi Olive-sided Flycatcher	8/1/2001	Risk assessed at S3 due to apparent rarity and threats to habitat.						
Melanerpes erythrocephalus Red-headed Woodpecker	8/1/2001	Risk assessed at S3S4 due to apparent rarity.						
Cistothorus stellaris Sedge Wren	8/1/2001	Risk assessed at S1 due to limited distribution and apparent rarity in Montana.						
Anthus spragueii Sprague's Pipit	8/1/2001	Risk assessed at S3S4 due to threats to habitat.						
Plegadis chihi White-faced Ibis	8/1/2001	Risk assessed at S1 due to limited distribution and apparent rarity in Montana.						
Lagopus leucura White-tailed Ptarmigan	8/1/2001	Risk assessed at S3 due to apparent rarity and threats to habitat.						
Sceloporus graciosus Common Sagebrush Lizard	8/1/2001	Risk assessed at S3 due to apparent rarity as indicated by available data.						
Plestiodon skiltonianus Western Skink	8/1/2001	Risk assessed at S3 due to apparent rarity.						
Anaxyrus cognatus Great Plains Toad	8/1/2001	Risk assessed at \$3 due to apparent rarity.						
Sander canadensis Sauger	8/1/2001	Risk assessed at S2 due to declining population trends.						
Zaitzevia thermae Warm Spring Zaitzevian Riffle Beetle	8/1/2001	Risk assessed at S1 due to limited distribution and apparent rarity in Montana.						
Oncopodura cruciata A Springtail	8/1/2001	Risk assessed at \$12 due to limited distribution and apparent rarity in Montana.						
Discus shimekii Striate Disc	8/1/2001	Risk assessed at \$1 due to apparent rarity.						
Sclerobunus cavicolens A Cave Obligate Harvestman	8/1/2001	Risk assessed at S12 due to limited distribution and apparent rarity in Montana.						

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Salmasellus steganothrix A Cave Obligate Isopod	8/1/2001	Risk assessed at S12 due to apparent rarity.						
Stygobromus montanensis A Subterranean Amphipod	8/1/2001	sk assessed at S12 due to limited distribution and apparent rarity in Montana.						
Stygobromus obscurus A Subterranean Amphipod	8/1/2001	Risk assessed at S12 due to limited distribution and apparent rarity in Montana.						
Stygobromus puteanus A Subterranean Amphipod	8/1/2001	Risk assessed at S12 due to limited distribution and apparent rarity in Montana.						
Lasiurus borealis Eastern Red Bat	1/1/1999	Risk assessed at S1 due to apparent rarity in Montana.						
Anaxyrus boreas Western Toad	1/1/1999	Risk assessed at S3S4 due to declining population trends.						
Polioptila caerulea Blue-gray Gnatcatcher	3/1/1997	Risk assessed at S1 due to limited distribution and apparent rarity in Montana.						
Euphydryas gillettii Gillette's Checkerspot	3/1/1997	Risk assessed at S3 due to apparent rarity.						
Coenagrion interrogatum Subarctic Bluet	3/1/1997	Risk assessed at S12 due to apparent rarity.						
Leucorrhinia borealis Boreal Whiteface	3/1/1997	Risk assessed at S1 due to apparent rarity.						
Somatochlora walshii Brush-tipped Emerald	3/1/1997	tisk assessed at S12 due to apparent rarity.						
Erpetogomphus designatus Eastern Ringtail	3/1/1997	Risk assessed at 51 due to apparent rarity.						
Somatochlora albicincta Ringed Emerald	3/1/1997	Risk assessed at 513 due to apparent rarity.						
Aeshna subarctica Subarctic Darner	3/1/1997	Risk assessed at \$12 due to apparent rarity.						
Erythemis collocata Western Pondhawk	3/1/1997	Risk assessed at S12 due to apparent rarity.						
Oreohelix sp. 3 Bearmouth Mountainsnail	3/1/1997	Risk assessed at S12 due to apparent rarity.						
Oreohelix sp. 5 Brunson Mountainsnail	3/1/1997	Risk assessed at S12 due to apparent rarity.						
Oreohelix sp. 31 Byrne Resort Mountainsnail	3/1/1997	Risk assessed at S12 due to apparent rarity.						
Oreohelix sp. 4 Drummond Mountainsnail	3/1/1997	Risk assessed at S1 due to apparent rarity.						
Oreohelix yavapai mariae Gallatin Mountainsnail	3/1/1997	Risk assessed at S1 due to apparent rarity.						
Oreohelix sp. 6 Kintla Lake Mountainsnail	3/1/1997	Risk assessed at S1 due to apparent rarity.						
Oreohelix sp. 7 Kitchen Creek Mountainsnail	3/1/1997	Risk assessed at S12 due to apparent rarity.						
Amnicola sp. 2 Lake Amnicola	3/1/1997	Risk assessed at S1 due to apparent rarity.						
Discus brunsoni Lake Disc	3/1/1997	Risk assessed at SH (historic records only) due to collection at a single locality without resurvey in several decades.						
Physa megalochlamys Large-mantle Physa	3/1/1997	Risk assessed at S1 due to apparent rarity.						

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Oreohelix sp. 10 Missoula Mountainsnail	3/1/1997	Risk assessed at \$13 due to apparent rarity.						
Stagnicola montanensis Mountain Marshsnail	3/1/1997	sk assessed at \$13 due to apparent rarity.						
Colligyrus greggi Rocky Mountain Duskysnail	3/1/1997	k assessed at S1 due to limited distribution and apparent rarity in Montana.						
Zacoleus idahoensis Sheathed Slug	3/1/1997	Risk assessed at S12 due to apparent rarity.						
Fisherola nuttalli Shortface Lanx	3/1/1997	Risk assessed at \$13 due to apparent rarity.						
Oreohelix sp. 11 Subcarinate Mountainsnail	3/1/1997	Risk assessed at S1 due to apparent rarity.						
Cynomys ludovicianus Black-tailed Prairie Dog	6/1/1996	Risk assessed at \$3\$4 due to declining population trends, unknown viability of many current colonies, and its key role in the life history of several other threatened and endangerd species.						
Ammospiza nelsoni Nelson's Sparrow	6/1/1996	Risk assessed at S1 due to limited distribution and apparent rarity in Montana after recent first detections of breeding individuals.						
Coturnicops noveboracensis Yellow Rail	6/1/1996	Risk assessed at S1 due to limited distribution and apparent rarity in Montana after recent first detections of breeding individuals.						
Lampropeltis gentilis Western Milksnake	6/1/1996	tisk assessed at S2 due to limited distribution and apparent rarity in Montana.						
Lithobates pipiens Northern Leopard Frog	6/1/1996	Risk assessed at S3S4 due to catastrophic population declines in western Montana and apparent declines in eastern Montana.						
Oreohelix alpina Alpine Mountainsnail	6/1/1996	Risk assessed at S1 due to limited distribution and apparent rarity in Montana.						
Oreohelix amariradix Bitterroot Mountainsnail	6/1/1996	Risk assessed at S12 due to limited distribution and apparent rarity in Montana.						
Fluminicola fuscus Columbia Pebblesnail	6/1/1996	Risk assessed at SX (extirpated) as a result of the lack of recent records.						
Magnipelta mycophaga Magnum Mantleslug	6/1/1996	Risk assessed at \$13 due to limited distribution and apparent rarity in Montana.						
Hemphillia danielsi Marbled Jumping-slug	6/1/1996	Risk assessed at \$13 due to limited distribution and apparent rarity in Montana.						
Myotis evotis Long-eared Myotis	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list.						
Myotis volans Long-legged Myotis	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list.						
Myotis ciliolabrum Western Small-footed Myotis	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list.						
Myotis yumanensis Yuma Myotis	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list.						
Empidonax alnorum Alder Flycatcher	2/1/1995	Risk assessed at S1 because of limited distribution and rarity of breeding populations in Montana.						
Sceloporus graciosus Common Sagebrush Lizard	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list and because of apparent rarity.						
Phrynosoma hernandesi Greater Short-horned Lizard	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list. Note: at this time the species in Montana was recognized as Short-horned Lizard (Phrynosoma douglasi).						
Rana luteiventris Columbia Spotted Frog	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list.						
Ascaphus montanus Rocky Mountain Tailed Frog	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list.						

ADDITIONS TO STAT	EWIDE LI	ST						
SPECIES	DATE	NOTES						
Platygobio gracilis Flathead Chub	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list.						
Hybognathus placitus Plains Minnow	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list.						
Hybognathus argyritis Western Silvery Minnow	2/1/1995	dded to list because species was on the USFWS Category 2 Candidate list.						
Speyeria idalia Regal Fritillary	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list.						
Phyciodes batesii Tawny Crescent	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list and because of apparent rarity.						
Oreohelix strigosa berryi Berry's Mountainsnail	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list and because of apparent rarity.						
Discus shimekii Striate Disc	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list. Note: this addition referred to Cockerell's Striate Disc (Discus shimeki cockerelli); this subspecies is no longer recognized from Montana.						
Leucophaeus pipixcan Franklin's Gull	3/1/1994	Risk assessed at S3S4 due to rarity of breeding records and habitat.						
Sorex merriami Merriam's Shrew	5/1/1993	Risk assessed at S3 for undocumented reasons.						
Cypseloides niger Black Swift	5/1/1993	Risk assessed at S3 for undocumented reasons.						
Mniotilta varia Black-and-white Warbler	5/1/1993	Risk assessed at \$1\$3 for undocumented reasons.						
Nycticorax nycticorax Black-crowned Night-Heron	5/1/1993	Risk assessed at S3 for undocumented reasons.						
Himantopus mexicanus Black-necked Stilt	5/1/1993	Risk assessed at S3 for undocumented reasons.						
Poecile hudsonicus Boreal Chickadee	5/1/1993	Risk assessed at S3 for undocumented reasons.						
Hydroprogne caspia Caspian Tern	5/1/1993	Risk assessed at S3 for undocumented reasons.						
Tyrannus vociferans Cassin's Kingbird	5/1/1993	Risk assessed at S1S3 for undocumented reasons.						
Aechmophorus clarkii Clark's Grebe	5/1/1993	Risk assessed at S2S4 for undocumented reasons.						
Sterna hirundo Common Tern	5/1/1993	Risk assessed at S3 for undocumented reasons.						
Sterna forsteri Forster's Tern	5/1/1993	Risk assessed at S3 for undocumented reasons.						
Passerina cyanea Indigo Bunting	5/1/1993	Risk assessed at S2S4 for undocumented reasons.						
Brachylagus idahoensis Pygmy Rabbit	9/1/1992	Risk assessed at 54 for undocumented reasons.						
Centronyx bairdii Baird's Sparrow	9/1/1992	Risk assessed at S3 for undocumented reasons.						
Chlidonias niger Black Tern	9/1/1992	Risk assessed at \$3 for undocumented reasons.						
Picoides arcticus Black-backed Woodpecker	9/1/1992	Risk assessed at \$3 for undocumented reasons.						
Lanius ludovicianus Loggerhead Shrike	9/1/1992	Risk assessed at 55 for undocumented reasons.						

ADDITIONS TO STATE	WIDE LIS	ST						
SPECIES	DATE	NOTES						
Accipiter gentilis Northern Goshawk	9/1/1992	Risk assessed at S4 for undocumented reasons.						
Rana luteiventris Columbia Spotted Frog	9/1/1992	sk assessed at S4 and added to list for undocumented reasons.						
Dicamptodon aterrimus Idaho Giant Salamander	9/1/1992	Added to list as a result of recognition of the Idaho Giant Salamander as a sister species to the Pacific Giant Salamander (<i>Dicamptodon aterrimus</i>) which was formerly recognized as having discontinuous coastal and inland populations. Risk was assessed at S1 due to rarity and limited likely distribution.						
Cycleptus elongatus Blue Sucker	9/1/1992	Risk assessed at S3 for undocumented reasons.						
Acroloxus coloradensis Rocky Mountain Capshell	9/1/1992	Risk assessed at S1 for undocumented reasons.						
Myotis septentrionalis Northern Myotis	2/15/1989	Added because species was formerly recognized as synonymous with Keen's Myotis (Myotis keeni). Thus, Keen's Myotis was dropped and Northern Myotis was added.						
Sternula antillarum Least Tern	2/15/1989	Risk assessed at S1 for undocumented reasons.						
Plegadis chihi White-faced Ibis	2/15/1989	Risk assessed at S1 for undocumented reasons.						
Elgaria coerulea Northern Alligator Lizard	4/22/1987	Risk assessed at S3 for undocumented reasons.						
Notropis hudsonius Spottail Shiner	4/22/1987	Risk assessed at S3 for undocumented reasons.						
Cottus rhotheus Torrent Sculpin	4/22/1987	Risk assessed at 52 for undocumented reasons.						
Rhyacophila ebria A Rhyacophilan Caddisfly	4/22/1987	Risk assessed at S1 for undocumented reasons.						
Rhyacophila newelli A Rhyacophilan Caddisfly	4/22/1987	Risk assessed at S2 for undocumented reasons.						
Rhyacophila glaciera A Rhyacophilan Caddisfly	4/22/1987	Risk assessed at S1 for undocumented reasons.						
Agapetus montanus An Agapetus Caddisfly	4/22/1987	Risk assessed at S2 for undocumented reasons.						
Caenis youngi A Mayfly	4/22/1987	Risk assessed at S2 for undocumented reasons.						
Isocapnia integra Alberta Snowfly	4/22/1987	Risk assessed at S2 for undocumented reasons.						
Utacapnia columbiana Columbian Snowfly	4/22/1987	Risk assessed at 52 for undocumented reasons.						
Zapada cordillera Cordilleran Forestfly	4/22/1987	Risk assessed at S2 for undocumented reasons.						
Isocapnia crinita Hooked Snowfly	4/22/1987	Risk assessed at S2 for undocumented reasons.						
Isoperla petersoni Springs Stripetail	4/22/1987	Risk assessed at 52 for undocumented reasons.						
Zapada glacier Western Glacier Stonefly	4/22/1987	Risk assessed at S1 for undocumented reasons.						

SPECIES REMOVED FROM STATEWIDE LIST

SPECIES	DATE	NOTES							
Spea bombifrons Plains Spadefoot	9/25/2018	Recent nocturnal calling surveys conducted after precipitation events on warm evenings have often detected this species east of the Continental Divide. It appears that the previous perception of rarity was due in part to lack of historical survey effort and difficulty detecting the species during much of the year and in most weather conditions. Given these data, the SOC status can no longer be justified and the rank has been increased to S4.							
Caenis youngi A Mayfly	6/23/2015	emoved from SOC list after macroinvertebrate surveys across Montana found the species to be less habitat-restricted than previously believed.							
Sceloporus graciosus Common Sagebrush Lizard	5/10/2013	k downgraded from S3 to S4 due to detection of apparently stable populations in a high percentage of rock outcrop sites across their known range in eastern Montana (higher percentages in southeastern Montana and l rcentages in northeastern Montana).							
Lepus californicus Black-tailed Jackrabbit	5/8/2013	Moved to PSOC list with a new state rank of SU and noted as a "Species of Highest Inventory Need" due to a lack of information on distribution and status.							
Lasiurus borealis Eastern Red Bat	5/8/2013	Moved to PSOC list with a new state rank of SU and noted as a "Species of Highest Inventory Need" due to a lack of information on distribution and status.							
Chaetodipus hispidus Hispid Pocket Mouse	5/8/2013	Moved to PSOC list with a new state rank of SU and noted as a "Species of Highest Inventory Need" due to a lack of information on distribution and status.							
Zapus hudsonius Meadow Jumping Mouse	5/8/2013	Moved to PSOC list with a new state rank of SU and noted as a "Species of Highest Inventory Need" due to a lack of information on distribution and status.							
Tamias umbrinus Uinta Chipmunk	5/8/2013	Moved to PSOC list with a new state rank of SU and noted as a "Species of Highest Inventory Need" due to a lack of information on distribution and status.							
Spilogale gracilis Western Spotted Skunk	5/8/2013	Moved to PSOC list with a new state rank of SU and noted as a "Species of Highest Inventory Need" due to a lack of information on distribution and status.							
Haliaeetus leucocephalus Bald Eagle	4/17/2012	Risk downgraded from S3 to S4 because populations numbers have steadily increased since the 1980s and breeding pairs now occupy a high percentage of suitable habitat across the state. However the species is still protected under the Bald and Golden Eagle Protection Act of 1940.							
Ammodramus savannarum Grasshopper Sparrow	4/17/2012	Risk downgraded from S3B to S4B because although populations face some habitat loss, the estimated statewide population is large and population trends are stable to increasing.							
Myotis septentrionalis Northern Myotis	7/19/2011	Moved to Potential Species of Concern List due to limited documentation and uncertainty about the species use of habitats in Montana. After statewide mist net and acoustic survey efforts, the species has only been documented at two localities. It is possible that the species uses habitats in Montana outside of the summer season that has been the focus of recent sampling efforts. Additional sampling is needed in the fall to see if the species is migrating through, or overwintering in, the state more regularly.							
Canis lupus Gray Wolf	5/5/2011	On May 5, 2011, the Gray Wolf was removed from the Endangered Species Act by the Secretary of the Interior at the direction of the President of the United States and Congress under a rider associated with the Department of Defense and Full-Year Appropriations Act of 2011. Because the species was ranked at a state conservation status of 54 and was only included on the Species of Concern List in order to make its federal status information available in environmental reviews, federal delisting resulted in removal from the Species of Concern List.							
Canis lupus Gray Wolf	5/25/2010	Risk evaluated at S4. Although the population is still relatively small, the species has expanded into available habitat across western Montana and has had a 528% increase in the number of breeding pairs in the state between 1999 and 2009. Plans for management of human conflict with wolves provide a high probability of maintaining a stable population into the future.							
Picoides dorsalis American Three-toed Woodpecker	5/1/2009	Risk downgraded from S3S4 to S4 due to increasing availability of preferred habitats.							
Icterus galbula Baltimore Oriole	5/1/2009	Risk downgraded from S3S4 to S4 due to habitats evaluated as less threatened than previously recognized.							
Tyto alba Barn Owl	5/1/2009	Risk downgraded from S1 to S4 due to expanding range and population in Montana.							
Mniotilta varia Black-and-white Warbler	5/1/2009	Risk downgraded from S2S3 to S4 due to habitats being evaluated as less threatened than previously recognized, but kept as a Potential Species of Concern due to limited survey effort.							
Selasphorus platycercus Broad-tailed Hummingbird	5/1/2009	Risk downgraded from S1 to S4 due to stable population trends, but kept as a Potential Species of Concern due to limited baseline data in Montana.							
Tyrannus vociferans Cassin's Kingbird	5/1/2009	Risk downgraded from S2 to S4 due to stable population trends, but kept as a Potential Species of Concern due to limited baseline data for Montana.							
Spiza americana Dickcissel	5/1/2009	Risk downgraded from S1S2 to S4 due to stable population trends and fewer threats to habitats than previously recognized. Kept as a Potential Species of Concern due to limited baseline data in Montana.							
Sialia sialis Eastern Bluebird	5/1/2009	Risk downgraded from S2 to S4 due to use of widely available artificial nest boxes and stable population trends. Kept as a Potential Species of Concern due to limited baseline data for Montana.							
Calamospiza melanocorys Lark Bunting	5/1/2009	Risk downgraded from S3 to S4 due to stable to increasing population trends.							

SPECIES REMOVED FF	ROM STAT	TEWIDE LIST						
SPECIES	DATE	NOTES						
Surnia ulula Northern Hawk Owl	5/1/2009	Risk downgraded from S1 to S4 due to stable population trends, but kept as a Potential Species of Concern due to limited baseline data in Montana.						
Contopus cooperi Olive-sided Flycatcher	5/1/2009	sk downgraded from S3 to S4 due to increasing trends in population and available habitat.						
Icterus spurius Orchard Oriole	5/1/2009	Risk downgraded from S254 to S4 due to increasing population trends and habitats evaluated as less threatened than previously recognized.						
Sphyrapicus thyroideus Williamson's Sapsucker	5/1/2009	Risk downgraded from S3S4 to S4 due to stable to increasing population trends and habitats evaluated as less threatened than previously recognized.						
Lithobates pipiens Northern Leopard Frog	5/1/2009	Risk to eastern Montana populations downgraded from S3 to S4 due to widespread occupancy of suitable habitat in eastern Montana during recent surveys. Western Montana populations, which have been nearly extirpated since the early 1980s, remain at an S1 level of risk. Eastern populations were kept as Potential Species of Concern due to ongoing concerns about diseases such as the pathogenic chytrid fungus <i>Batrachochytrium dendrobatidis</i> .						
Accipiter gentilis Northern Goshawk	10/1/2008	Risk downgraded from S3 to S4 due to recent surveys indicating the species is more common than previously recognized.						
Agapetus montanus An Agapetus Caddisfly	10/1/2008	Risk downgraded from S2 to S3 due to habitat being evaluated as less threatened than previously recognized, but kept as a Potential Species of Concern due to potentially growing threats to habitat.						
Radiodiscus abietum Fir Pinwheel	7/1/2006	Risk downgraded to Potential Species of Concern as a result of recent surveys and in order to remain consistent with other invertebrate species listed as Species of Concern.						
Stagnicola montanensis Mountain Marshsnail	7/1/2006	Dropped from consideration because taxonomic research indicated that the species' designation was invalid.						
Sorex eximius Western Pygmy Shrew	7/1/2004	Risk downgraded from S3 to S4 because the species was evaluated as more common than previously recognized.						
Spilogale gracilis Western Spotted Skunk	7/1/2004	Woved to Potential Species of Concern List for undocumented reasons.						
Dicamptodon aterrimus Idaho Giant Salamander	1/1/2003	Dropped because reports of the species presence in Montana were deemed false.						
Lasiurus borealis Eastern Red Bat	8/1/2001	Moved to the Species on Review List for undocumented reasons.						
Myotis septentrionalis Northern Myotis	8/1/2001	Moved to Species on Review List because species is rare and possibly out of range.						
Himantopus mexicanus Black-necked Stilt	8/1/2001	Moved to the Species on Review List for undocumented reasons.						
Aegolius funereus Boreal Owl	8/1/2001	Dropped because species was found to be more common than previously recognized.						
Aechmophorus clarkii Clark's Grebe	8/1/2001	Moved to Species on Review list for undocumented reasons.						
Oreohelix sp. 3 Bearmouth Mountainsnail	8/1/2001	Dropped because taxa had not been formally described as a species.						
Oreohelix sp. 5 Brunson Mountainsnail	8/1/2001	Dropped because taxa had not been formally described as a species.						
Oreohelix sp. 31 Byrne Resort Mountainsnail	8/1/2001	Dropped because taxa had not been formally described as a species.						
Oreohelix sp. 4 Drummond Mountainsnail	8/1/2001	Dropped because taxa had not been formally described as a species.						
Oreohelix sp. 6 Kintla Lake Mountainsnail	8/1/2001	Dropped because taxa had not been formally described as a species.						
Oreohelix sp. 7 Kitchen Creek Mountainsnail	8/1/2001	Dropped because taxa had not been formally described as a species.						
Amnicola sp. 2 Lake Amnicola	8/1/2001	Dropped because taxa had not been formally described as a species.						
Oreohelix sp. 10 Missoula Mountainsnail	8/1/2001	Dropped because taxa had not been formally described as a species.						

SPECIES REMOVED FR	OM STAT	TEWIDE LIST						
SPECIES	DATE	NOTES						
Oreohelix sp. 11 Subcarinate Mountainsnail	8/1/2001	Dropped because taxa had not been formally described as a species.						
Plegadis chihi White-faced Ibis	9/1/1999	ropped for undocumented reasons.						
Fluminicola fuscus Columbia Pebblesnail	9/1/1999	Dropped because species was presumed to be extirpated from Montana due to habitat destruction.						
Discus shimekii Striate Disc	9/1/1999	Dropped for undocumented reasons.						
Myotis evotis Long-eared Myotis	6/1/1996	Dropped from USFWS Category 2 Candidate list.						
Myotis volans Long-legged Myotis	6/1/1996	Dropped from USFWS Category 2 Candidate list.						
Myotis ciliolabrum Western Small-footed Myotis	6/1/1996	Dropped from USFWS Category 2 Candidate list.						
Sceloporus graciosus Common Sagebrush Lizard	6/1/1996	Dropped due to indications the species is more common and widespread than previoulsy known.						
Phrynosoma hernandesi Greater Short-horned Lizard	6/1/1996	Dropped from USFWS Category 2 Candidate list. Note: at this time the species in Montana was recognized as Short-horned Lizard (<i>Phrynosoma douglasi</i>).						
Rana luteiventris Columbia Spotted Frog	6/1/1996	opped from USFWS Category 2 Candidate list.						
Ascaphus montanus Rocky Mountain Tailed Frog	6/1/1996	ropped from USFWS Category 2 Candidate list.						
Platygobio gracilis Flathead Chub	6/1/1996	Dropped from USFWS Category 2 Candidate list.						
Hybognathus placitus Plains Minnow	6/1/1996	Dropped from USFWS Category 2 Candidate list.						
Hybognathus argyritis Western Silvery Minnow	6/1/1996	Dropped from USFWS Category 2 Candidate list.						
Speyeria idalia Regal Fritillary	6/1/1996	Dropped from USFWS Category 2 Candidate list.						
Lanius ludovicianus Loggerhead Shrike	2/1/1995	Dropped from USFWS Category 2 Candidate list.						
Mniotilta varia Black-and-white Warbler	3/1/1994	Dropped for undocumented reasons.						
Poecile hudsonicus Boreal Chickadee	3/1/1994	Dropped for undocumented reasons.						
Passerina cyanea Indigo Bunting	3/1/1994	Dropped for undocumented reasons.						
Icterus spurius Orchard Oriole	3/1/1994	Dropped for undocumented reasons.						
Ascaphus montanus Rocky Mountain Tailed Frog	3/1/1994	Dropped because species was found to be more widespread and common than previously recognized.						
Speyeria idalia Regal Fritillary	3/1/1994	Dropped for undocumented reasons.						
Rana luteiventris Columbia Spotted Frog	5/1/1993	Dropped for undocumented reasons.						
Myotis californicus California Myotis	9/1/1992	Dropped for undocumented reasons.						
Sialia sialis Eastern Bluebird	9/1/1992	Dropped for undocumented reasons.						

SPECIES REMOVED FR	OM STAT	FEWIDE LIST
SPECIES	DATE	NOTES
Numenius americanus Long-billed Curlew	9/1/1992	Dropped for undocumented reasons.
Buteo swainsoni Swainson's Hawk	9/1/1992	Dropped for undocumented reasons.
Elgaria coerulea Northern Alligator Lizard	9/1/1992	Dropped for undocumented reasons.
Cycleptus elongatus Blue Sucker	5/1/1991	Dropped for undocumented reasons.
Taricha granulosa Rough-skinned Newt	2/27/1990	Dropped for undocumented reasons.
Sorex merriami Merriam's Shrew	4/22/1987	Dropped for undocumented reasons.
Sorex eximius Western Pygmy Shrew	4/22/1987	Dropped for undocumented reasons.
Spilogale gracilis Western Spotted Skunk	4/22/1987	Dropped for undocumented reasons.
Strix varia Barred Owl	4/22/1987	Dropped for undocumented reasons.
Dolichonyx oryzivorus Bobolink	4/22/1987	Dropped for undocumented reasons.
Spizella breweri Brewer's Sparrow	4/22/1987	Dropped for undocumented reasons.
Spizella pallida Clay-colored Sparrow	4/22/1987	Dropped for undocumented reasons.
Accipiter cooperii Cooper's Hawk	4/22/1987	Dropped for undocumented reasons.
Megascops asio Eastern Screech-Owl	4/22/1987	Dropped for undocumented reasons.
Spizella pusilla Field Sparrow	4/22/1987	Dropped for undocumented reasons.
Aquila chrysaetos Golden Eagle	4/22/1987	Dropped for undocumented reasons.
Asio otus Long-eared Owl	4/22/1987	Dropped for undocumented reasons.
Falco columbarius Merlin	4/22/1987	Dropped for undocumented reasons.
Accipiter gentilis Northern Goshawk	4/22/1987	Dropped for undocumented reasons.
Glaucidium gnoma Northern Pygmy-Owl	4/22/1987	Dropped for undocumented reasons.
Aegolius acadicus Northern Saw-whet Owl	4/22/1987	Dropped for undocumented reasons.
Falco mexicanus Prairie Falcon	4/22/1987	Dropped for undocumented reasons.
Bartramia longicauda Upland Sandpiper	4/22/1987	Dropped for undocumented reasons.
Sialia mexicana Western Bluebird	4/22/1987	Dropped for undocumented reasons.
Megascops kennicottii Western Screech-Owl	4/22/1987	Dropped for undocumented reasons.

This section is not filtered by Geography It includes species in need of recent survey data across their entire Montana range. Species and Rank/Status filters are used, if selected.

SOC and PSOC that Lack Baseline Surveys All Records (no filtering)

MAMMALS (MAMMALIA) 12 SPECIE										
SCIENTIFIC NAME COMMON NAME TAXA SORT	Family (scientific) Family (common)	MT STATUS	global Rank	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS	
Chaetodipus hispidus Hispid Pocket Mouse	Heteromyidae Pocket Mice / Kangaroo Rats	PSOC	G5	SNR	Custer	Miles City	7	Mixed grassland dry forest	Surveys needed in mixed grassland and open Ponderosa Pine forest in Carter County.	
Erethizon dorsatum North American Porcupine	Erethizontidae Porcupines	PSOC	G5	\$3\$4	All forests	All field offices	All regions	Mixed forest	Need baseline surveys of mixed conifer/deciduous forest with shrub understory statewide.	
Euderma maculatum Spotted Bat	Vespertilionidae Bats	SOC	G4	53	Beaverhead/Deerlodge, Custer, Helena, Lewis and Clark	Billings, Butte, Dillon, Havre, Lewistown	3, 4, 5, 6, 7	Cliffs with rock crevices	Need acoustic surveys targeting big cliff habitats. Once areas of high activity are identified, targeted mistnetting in the early to mid summer should be used to document breeding.	
Lepus californicus Black-tailed Jackrabbit	Leporidae Rabbits	PSOC	G5	SNR	Beaverhead/Deerlodge	Dillon	3	Sagebrush grassland	Need summer and winter headlight/spotlight surveys in sagebrush and grassland habitats across Beaverhead and Madison counties.	
Marmota caligata Hoary Marmot	<mark>Sciuridae</mark> Squirrels	PSOC	G5	S3S4	Beaverhead/Deerlodge, Bitterroot, Lewis and Clark, Lolo, Flathead, Kootenai	Dillon	1, 2, 3, 4	Alpine / Subalpine slopes	Need surveys of grass and forb covered alpine/subalpine slopes with talus nearby.	
Myotis yumanensis Yuma Myotis	Vespertilionidae Bats	SOC	G5	\$3	Flathead, Kootenai, Lolo		1	Riparian and mixed forest	Need targeted acoustic surveys paired with mist netting and genetic analysis in Northwestern Montana.	
Perognathus parvus Columbia Plateau Pocket Mouse	Heteromyidae Pocket Mice / Kangaroo Rats	SOC	G5	53	Beaverhead/Deerlodge	Dillon	3	Sagebrush / grassland	Need surveys target grasslands and shrublands with sandier soils.	
Spilogale gracilis Western Spotted Skunk	Mephitidae Skunks	PSOC	G5	SNR	Bitterroot, Beaverhead/Deerlodge, Custer, Gallatin, Helena	Billings, Butte, Dillon, Missoula	2, 3, 5, 7	Riparian shrub	Woody or brushy areas along streams or near outcrops should be targeted for survey; recent detections have all been with camera traps.	
Tamias umbrinus Uinta Chipmunk	Sciuridae Squirrels	PSOC	G5	SNR	Custer, Gallatin	Billings, Butte	3, 5	High elevation conifer forest	Need targeted surveys in all high mountain ranges adjacent to the border with northwestern Wyoming.	
Thomomys idahoensis Idaho Pocket Gopher	Geomyidae Pocket Gophers	PSOC	G4	5254	Beaverhead/Deerlodge	Dillon	3	Open habitat / generalist	In southwestern Montana, the species' northern range boundary and habitat occupancy rates both need to be assessed relative to the distribution of Northern Pocket Gopher.	
Urocitellus armatus Uinta Ground Squirrel	Sciuridae Squirrels	PSOC	G5	\$3\$4	Beaverhead/Deerlodge, Custer, Gallatin	Butte, Dillon	3, 5	Open grassy edges	Need targeted surveys for the species in subalpine meadows and forest edges.	
Zapus hudsonius Meadow Jumping Mouse	Dipodidae Jumping Mice	PSOC	G5	SNR	Custer	Billings, Miles City	7	Riparian and moist grassland	Need surveys targeting riparian areas and moist grasslands across southeastern Montana.	

BIRDS (AVES)	BIRDS (AVES) 14 SPECIES										
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	MT STATUS	global Rank	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS		
Aegolius funereus Boreal Owl	Strigidae Owls	PSOC	G5	S354	Beaverhead/Deerlodge, Bitterroot, Custer, Flathead, Gallatin, Helena, Kootenai, Lewis and Clark, Lolo	Missoula	1, 2, 3, 4, 5	Conifer forest	Need call playback surveys of conifer forests.		

Bucephala islandica Barrow's Goldeneye	Anatidae Swans / Geese / Ducks	PSOC	G5	S4	Beaverhead/Deerlodge, Bitterroot, Flathead, Gallatin, Helena, Lewis and Clark, Lolo, Kootenai	Billings, Butte, Dillon, Lewistown, Missoula	1, 2, 3, 4, 5	Mountain Lakes and Wetlands	Need surveys of mountain lakes and wetlands.
Chaetura pelagica Chimney Swift	Apodidae Swifts	PSOC	G4G5	S3S4B	Custer	Butte, Glasgow, Havre, Miles City, Phillips, Upper Missouri River National Monument	5, 6, 7	Chimneys, caves, hollow trees	Need surveys of potential roost sites.
Coccyzus americanus Yellow-billed Cuckoo	Cuculidae Cuckoos	SOC	G5	S3B	All Forests	Billings, Butte, Dillon, Lewistown, Miles City, Missoula	1,2,3, 4, 5, 7	Prairie riparian forest	Need call playback surveys along lower elevation riparian areas.
Coccyzus erythropthalmus Black-billed Cuckoo	Cuculidae Cuckoos	SOC	G5	S3B	Beaverhead/Deerlodge, Custer, Gallatin, Helena, Lewis and Clark	Billings, Butte, Dillon, Glasgow, Havre, Lewistown, Phillips County, Upper Missouri River National Monument	3, 4, 5, 6, 7	Riparian forest	Need call playback surveys along lower elevation riparian areas east of the Continental Divide.
Cypseloides niger Black Swift	Apodidae Swifts	SOC	G4	S1B	Beaverhead/Deerlodge, Bitterroot, Flathead, Kootenai, Lewis and Clark, Lolo	Missoula	1, 2, 3, 4, 5	Waterfalls	Need surveys of potential waterfall nest sites.
Lagopus leucura White-tailed Ptarmigan	Phasianidae Upland Game Birds	SOC	G5	53	Flathead, Helena, Lewis and Clark, Lolo		1,4	Alpine	Need treeline/alpine surveys.
Leucosticte tephrocotis Gray-crowned Rosy-Finch	Fringillidae Finches	SOC	G5	52	Beaverhead/Deerlodge, Bitterroot, Flathead, Helena, Kootenai, Lewis and Clark		1, 2, 4	Alpine	Need surveys of areas near cliffs and talus that are among glaciers and snowfields above treeline.
Lophodytes cucullatus Hooded Merganser	Anatidae Swans / Geese / Ducks	PSOC	G5	S4	Beaverhead/Deerlodge, Bitterroot, Flathead, Gallatin, Helena, Lewis and Clark, Lolo, Kootenai	Billings, Butte, Dillon, Missoula	1, 2, 3, 4, 5	Rivers, Riparian/Wetland	Need stream surveys.
Megascops kennicottii Western Screech-Owl	Strigidae Owls	PSOC	G4G5	\$3\$4	Beaverhead/Deerlodge, Bitterroot, Flathead, Gallatin, Helena, Lewis and Clark, Lolo	Butte, Dillon, Missoula	1, 2, 3, 4	Riparian forest	Need nocturnal call playback surveys along lower elevation riparian areas across western Montana.
Phalaenoptilus nuttallii Common Poorwill	Caprimulgidae Nightjars	PSOC	G5	S4B	All forests	All field offices	All regions	Shrub grassland	Need baseline nocturnal calling surveys in grasslands and shrublands.
Selasphorus platycercus Broad-tailed Hummingbird	Trochilidae Hummingbirds	PSOC	G5	S4B	Beaverhead/Deerlodge, Custer, Gallatin	Billings, Butte, Dillon	3, 5, 7	Montane shrublands / woodlands	Need surveys in shrubby hillside and open forest habitats during the known breeding period; preferably with trapping surveys to confirm reproduction.
Strix nebulosa Great Gray Owl	Strigidae Owls	SOC	G5	53	Beaverhead/Deerlodge, Bitterroot, Custer, Flathead, Gallatin, Helena, Kootenai, Lewis and Clark, Lolo	Butte, Dillon, Missoula	1, 2, 3, 4, 5	Conifer forest near open meadows	Need nocturnal call playback surveys of meadows and other open areas within conifer forests.
Surnia ulula Northern Hawk Owl	Strigidae Owls	SOC	G5	53	Flathead, Lewis and Clark, Kootenai		1, 4	Conifer forest	Need surveys in conifer forests, especially in post-fire landscapes, within and around their known breeding range.

REPTILES (REPTILIA) 7 SPECIE											
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	MT STATUS	global Rank	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS		

Chelydra serpentina Snapping Turtle	Chelydridae Snapping Turtles	SOC	G5	53	Custer	Billings, Miles City	5, 7	Prairie rivers and streams	Need trapping surveys on permanent waters; especially rivers and streams.
Elgaria coerulea Northern Alligator Lizard	Anguidae Alligator Lizards	SOC	G5	\$3	Bitterroot, Flathead, Kootenai, Lolo	Missoula	1, 2	Talus slopes / rock outcrops	Need surveys of the margins of talus slopes below the subalpine.
Heterodon nasicus Plains Hog-nosed Snake	Colubridae Colubrid Snakes	SOC	G5	52	Custer	Billings, Glasgow, Havre, Lewistown, Miles City, Phillips County, Upper Missouri River Breaks	4, 5, 6, 7	Friable soils	Need funnel trap surveys of sand/gravelly soils, particularly in and adjacent to riparian areas.
Opheodrys vernalis Smooth Greensnake	Colubridae Colubrid Snakes	SOC	G5	52		Miles City	6	Wetlands	Need road and wetland/wet meadow habitat surveys across and slightly beyond their known range during wetter weather in May, June, and early July.
Phrynosoma douglasii Pygmy Short-horned Lizard	Phrynosomatidae Sagebush / Spiny Lizards	PSOC	G5	SNA	Beaverhead/Deerlodge	Dillon	3	Sandy/gravelly soils in grassland and shrubland	One 1936 museum record from "Centennial Valley, Montana" and more recent unverified observation record from upper Horse Prairie Creek southwest of Dillon.
Phrynosoma hernandesi Greater Short-horned Lizard	Phrynosomatidae Sagebush / Spiny Lizards	SOC	G5	53	Beaverhead/Deerlodge, Custer, Gallatin, Helena, Lewis and Clark	Butte, Billings, Dillon, Glasgow, Havre, Lewistown, Miles City, Phillips County, Upper Missouri River National Monument	3, 4, 5, 6, 7	Sandy / gravelly soils	Need visual encounter surveys of sandy/gravelly soils in grasslands and shrublands.
Plestiodon skiltonianus Western Skink	Scincidae Skinks	SOC	G5	53	Bitterroot, Kootenai, Lolo	Missoula	1, 2	Open conifer forest and adjacent grasslands	Need pitfall trap surveys targeting open conifer forests and adjacent grasslands.

FISH (ACTINOPTERYGII)

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	MT STATUS	GLOBAL RANK	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS
Myoxocephalus thompsonii Deepwater Sculpin	Cottidae Sculpins	SOC	G5	53		Havre	4		Only documented on the Canadian side of Upper Waterton Lake.
Percopsis omiscomaycus Trout-perch	Percopsidae Trout-perch	SOC	G5	52		Havre	4		Need focal surveys of deepwater lake habitats and associated tributaries across their range: gillnetting, seining.
Prosopium coulterii Pygmy Whitefish	Salmonidae Trout	SOC	G5	\$3	Flathead, Kootenai		1, 4		Need gill netting and slat trap surveys of deepwater lake habitats.

SOC and PSOC with Outdated Surveys All Records (no filtering)

MAMMALS (MA	MAMMALS (MAMMALIA) 1 SPECIE												
SCIENTIFIC NAME COMMON NAME TAXA SORT	Family (Scientific) Family (Common)	MT STATUS	global Rank	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS				
Synaptomys borealis Northern Bog Lemming	Cricetidae New World Mice / Rats / Voles	SOC	G5	52	Beaverhead/Deerlodge, Bitterroot, Flathead, Kootenai, Lewis and Clark, Lolo	Missoula	1, 2, 4		Baseline surveys date to the 1990s. Need surveys of wet meadow and fen habitats with sphagnum moss.				

3 SPECIES

BIRDS (AVES)	BIRDS (AVES) 2 SP												
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	MT STATUS	global Rank	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS				
Leucosticte atrata Black Rosy-Finch	Fringillidae Finches	SOC	G4	52	Beaverhead/Deerlodge, Bitterroot, Custer, Gallatin, Helena	Dillon	2, 3, 4, 5	Alpine	Species received some baseline survey effort in 1968 and again in 1983 that covered most of the known range of the species in the state. Currently FWP biologists are conducting range wide surveys targeting alpine nesting habitats (crevices in alpine cliffs and talus) and snowfields to provide more robust information about this species.				
Sternula antillarum Least Tern	Laridae Gulls / Terns	SOC	G4	S1B		Miles City	7	Large prairie rivers	Last systematic surveys on the lower Yellowstone River date to the 1990s. Need surveys of unvegetated sand- pebble beaches of shorelines and islands.				

AMPHIBIANS (AMPHIBIA)

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SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	MT STATUS	GLOBAL RANK	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS
Plethodon idahoensis Coeur d'Alene Salamander	Plethodontidae Lungless Salamanders	SOC	G4	S2	Bitterroot, Kootenai, Lolo		1, 2	fractured rock	Range-wide baseline surveys date to the 1980s. More recent surveys have been conducted in Northwestern Montana, but surveys are still needed in the central and southern portions of this species range Need surveys of waterfall spray zones, springs, seeps, and streamsides that have underground cracks, crevices, and chambers that have year round water.

1 SPECIES

INVERTEBRATE	S - MOLLUSKS								1 SPECIES
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	MT STATUS	GLOBAL RANK	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS
Fisherola nuttalli Shortface Lanx	Lymnaeidae Fossarias / Pondsnails / Lanxs	SOC	G2	S1	Bitterroot, Lolo	Missoula	Region 2	Large Mountain Rivers	Need surveys of historically occupied cold fast streams and rivers with cobble-boulder diatom covered substrates in the Clark Fork River basin.

Non SOC that Lack Baseline Surveys All Records (no filtering)

MAMMALS (MA	MAMMALS (MAMMALIA) 9 SPECIES												
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	MT STATUS	GLOBAL RANK	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS				
Glaucomys sabrinus Northern Flying Squirrel	Sciuridae Squirrels		G5	S4	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead, Deerlodge, Lolo, Kootenai	Billings, Dillon, Lewistown	1, 2, 3, 4, 5	Conifer forest	All observations are incidental. The species geographic range may be broader than is currently recognized. Species needs surveys of forested areas across its known and potential geographic range in the state using nest boxes, live tomahawk traps with wax card board shelters, or potentially camera traps.				

Lepus townsendii White-tailed Jackrabbit	Leporidae Rabbits	G5	\$4	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo	Missoula, Miles City, Butte, Billings, Dillon, Malta, Lewistown	1, 2, 3, 4, 5, 6, 7	Grasslands	Structured surveys are needed for this species across the state. Spotlighting and/or visual encounter surveys along roads at night should be adequate to establish baselines for this species.
Neotoma cinerea Bushy-tailed Woodrat	Cricetidae New World Mice / Rats / Voles	G5	S5	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	City, Butte, Billings, Dillon, Malta, Lewistown	1, 2, 3, 4, 5, 6, 7	Generalist	Species has never really been targeted with surveys and the majority of observations are incidental or detections of middens. To determine baseline metrics, systematic surveys of suitable structures like cliffs,rock outcrops, and caves is necessary across this species range.
Ochotona princeps American Pika	Ochotonidae Pikas	G5	S5	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Butte, Billings, Dillon, Malta, Lewistown	1, 2, 3, 4, 5	Montane talus	Systematic surveys are limited to the Bitterroot Mountains and relatively small areas in the Absoraka/Beartooths.Across other ranges, observations are primarily incidental in nature. Species needs systematic surveys of talus, boulder fields, and adjacent meadow habitats across a range of elevations throughout their known breeding range in the state.
Sciurus niger Eastern Fox Squirrel	Sciuridae Squirrels	G5	S4	Custer Gallatin	Miles City, Billings	5,7	Deciduous forest	Within the native range of this species, no taxa specific surveys have been conducted and other small mammal survey methods are unlikely to detect this species. Visual encounter transects or tomahawk live trapping along ash draws and riparian corridors in SC and SE Montana is needed to establish robust baselines for this species.
Sylvilagus audubonii Desert Cottontail	Leporidae Rabbits	G5	S5	Custer, Lewis and Clark	Billings, Glasgow, Havre, Lewistown, Miles City, Phillips County, Upper Missouri River National Monument	4, 5, 6, 7	Upland grassland / upland breaks	Range-wide systematic surveys are needed for all cottontail species. Identification of cottontial species can be problematic in areas where the ranges of Desert Mountian, and/or Eastern Cottontail overlap. To gain information about the status of this species live trapping efforts across E Montana are necessary.
Sylvilagus floridanus Eastern Cottontail	Leporidae Rabbits	G5	S4	Custer	Miles City	7	Riparian shrub	Summer and winter headlight/spotlight surveys need to be conducted in riparian areas across the species' known range. Trapping/handling may be needed to distinguish from Desert Cottontail with certainty.
Sylvilagus nuttallii Mountain Cottontail	Leporidae Rabbits	G5	S5	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Miles City, Butte, Billings, Dillon, Malta, Lewistown	1, 2, 3, 4, 5, 6, 7	Sagebrush, willow, riparian	Baseline surveys across central and eastern Montana are needed for this and other cottontail species. Although track and spotlight surveys are appropriate for regions with a single species, due similar appearance and habitat associations of this group, surveys conducted in areas with multiple cottontail species should use methods that allow in hand identification.
Thomomys talpoides Northern Pocket Gopher	Geomyidae Pocket Gophers	G5	S5	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Butte, Billings, Dillon, Lewistown	1, 2, 3, 4, 5	Open habitat / generalist	Surveys targeting Pocket Gophers need to be conducted across Beaverhead, Madison, Gallatin, Ravalli, Granite, Deerlodge, and Silver Bow Counties in order to determine the range boundaries and degree of overlap in ranges of Idaho and Northern Pocket Gophers. Taxa specific live trapping methods and/or EDNA collection from spoil piles or burrows should be implemented. Across the rest of Montana, Northern Pocket Gopher distribution and status information could easily be gathered through documentation of excavation spoil piles.

BIRDS (AVES)

SCIENTIFIC NAME COMMON NAME TAXA SORT	Family (scientific) Family (common)	MT STATUS	GLOBAL RANK	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS
Actitis macularius Spotted Sandpiper	Scolopacidae Sandpipers		G5	S5B	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Miles City, Butte, Billings, Dillon, Malta, Lewistown	1, 2, 3, 4, 5, 6, 7	Wetland margin	Although this species may be documented incidentally during other structured surveys, current survey effort is not adequate to establish baseline metrics for this species. Surveys targeting streams and rivers across this species range are necessary.
Aeronautes saxatalis White-throated Swift	Apodidae Swifts		G5	S5B	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Miles City, Butte, Billings, Dillon, Malta, Lewistown	1, 2, 3, 4, 5, 6, 7	Cliffs / canyons	Observations are mostly incidental from a variety of citizen birders. Need a survey effort targeting cliff roosting/nesting sites across western and southeastern Montana.
Archilochus alexandri Black-chinned Hummingbird	Trochilidae Hummingbirds		G5	S4B	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Butte, Billings, Dillon	1, 2, 3, 4	Riparian forest	Species is not well represented by BBS, IMBCR, or other point count surveys. Most data has come from citizen birders or special efforts like Ned and Gigi Batchelder's trapping program. Need more focal surveys of preferred shrubby hillside and open forest habitats during the known breeding period; preferably with trapping surveys to confirm reproduction.
Bucephala albeola Bufflehead	Anatidae Swans / Geese / Ducks		G5	S5B	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Miles City, Butte, Billings, Dillon, Malta, Lewistown	1, 2, 3, 4, 5, 6, 7	Wetlands	Range-wide waterbird surveys led by FWP were conducted in 1996 and 2009-1010, although coverage was poor in SW Montana. Other surveys associated with Wildlife Refuges are performed more regularly. Across the rest of the range survey effort is inadequate or to determine state-wide baseline metrics for the species.
Bucephala clangula Common Goldeneye	Anatidae Swans / Geese / Ducks		G5	S5	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Miles City, Butte, Billings, Dillon, Malta, Lewistown	1, 2, 3, 4, 5, 6, 7	Wetlands	Species breeds in mountain lakes. Although they are detected on annual Wildlife Refuge and WPA surveys this does not provide adequate range-wide survey coverage. Targeted surveys of suitable waterbodies in the spring and summer will provide baseline data and help assess the status of this species in Montana.
Chaetura vauxi Vaux's Swift	Apodidae Swifts		G5	S4B	Lewis and Clark, Helena, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Butte, Lewistown	1, 2	Moist conifer forests	Observations are mostly incidental from a variety of citizen birders and confirmed breeding has mostly been documented through detection of injured fledglings. Need a survey effort targeting likely roost sites in urban areas across western Montana.
Chordeiles minor Common Nighthawk	Caprimulgidae Nightjars		G5	S5B	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Miles City, Butte, Billings, Dillon, Malta, Lewistown	1, 2, 3, 4, 5, 6, 7	Grasslands	Species is almost exclusively reported through incidental observations. Need statewide surveys of this species using Western Working Group of Partners in Flight protocols. This could possibly be combined with surveys for other nocturnal bird species.
Empidonax wrightii Gray Flycatcher	Tyrannidae Flycatchers		G5	S4B	Custer Gallatin, Beaverhead- Deerlodge	Billings, Dillon	3, 5	Sagebrush	Species is a rare summer breeder and not covered by the annual BBS survey routes and IMBCR and/or other point count efforts given their rarity. The species' distribution/status may best be tracked by citizen birders surveying appropriate sagebrush habitats in and around the areas in SW and SC Montana where they have been previously detected.

Gallinago delicata Wilson's Snipe	Scolopacidae Sandpipers	G5	S5	Lewis and Clark, Dakota Prairie Grasslands, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Miles City, Butte, Billings, Dillon, Malta, Lewistown	1, 2, 3, 4, 5, 6, 7	Wet meadows	This species is detected by BBS and other point counts, but spring nocturnal bird calling surveys may be necessary to establish robust baseline metrics. It may be possible to pair this survey work with nocturnal amphibian calling surveys.
Glaucidium gnoma Northern Pygmy-Owl	Strigidae Owls	G4G5	S4	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Butte, Billings, Dillon, Lewistown	1, 2, 3, 4, 5	Conifer forest	Need to establish a late winter / early spring rangewide call playback survey beyond what has been done by the ORI for a portion of western Montana, and the early 1990s surveys by MTNHP on portions of the Gallatin and Lewis and Clark National Forests.
Junco hyemalis aikeni Dark-eyed Junco (White- winged)	Passerellidae New World Sparrows	G5T4	SNR	Custer Gallatin	Miles City	7	Forest	Species had some baseline surveys done in association with Northern Goshawk calling stations on portions of the Sioux District of the Custer National Forest, but needs focal surveys on other Ponderosa Pine savannah across and adjacent to their known range in SE Montana.
Mergus merganser Common Merganser	Anatidae Swans / Geese / Ducks	G5	S5B	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Miles City, Butte, Billings, Dillon, Malta, Lewistown	1, 2, 3, 4, 5, 6, 7	Montane rivers	Although this species is included with the annual May USFWS waterfowl population and habitat (HAPET) surveys, these surveys are only conducted across eastern Montana and western Montana receives little survey effort. To determine state-wide baseline metrics, stream surveys targeting this species are needed.
Selasphorus calliope Calliope Hummingbird	Trochilidae Hummingbirds	G5	S5B	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Butte, Billings, Dillon, Lewistown	1, 2, 3, 4, 5	Conifer forest	Species is not well represented by BBS, IMBCR, or other point count surveys. Most data has come from citizen birders or special efforts like Ned and Gigi Batchelder's trapping program. Need more focal surveys of preferred shrubby hillside and open forest habitats during the known breeding period; preferably with trapping surveys to confirm reproduction.
Spizella breweri taverneri Brewer's Sparrow (Timberline)	Passerellidae New World Sparrows	G5T4T5	SNRB	Lewis and Clark	Malta, Lewistown	4	Krummholz shrubs at treeline	Need systematic baseline surveys of subalpine shrub habitats along the east front of the Rocky Mountains.
Strix varia Barred Owl	Strigidae Owls	G5	S4	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Dillon, Malta, Lewistown	1, 2, 3, 4	Conifer forest	Need to establish a late winter / early spring rangewide call playback survey beyond what has been done by the ORI for a portion of western Montana, and the early 1990s surveys by MTNHP on portions of the Gallatin and Lewis and Clark National Forests.

REPTILES (REPTILIA) 1 SPECIES											
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	MT STATUS	global Rank	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS		

Charina bottae Northern Rubber Boa Boas	G5 G5	S4 Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	City, Butte, Billings, Dillon, Lewistown		Current data is completely incidental. Species needs focal road surveys on evenings after thunderstorms in June and July across their known range. This might be able to be paired with other fieldwork. Since 2012 several observations of this species have been reported to the northeast of the Bighorn Mountains extending the range of this species into Southeastern Montana. Future survey efforts should include this area to provide further data on its range in this area.
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