Montana Natural Heritage - SOC Report

Animal Species of Concern

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



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Introduction

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.

Species List Last Updated 04/16/2020

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 quality. 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 ecosystemis 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#

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

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 this taxon in another taxon, with the resulting taxon having a lower-priority (numerically higher) conservation status rank. Appended to the global rank, e.a. G3Q
- P Inexact Numeric Rank Denotes uncertainty: inexactness.

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

- C Captive or Cultivated Only Species at present exists only in captivity or cultivation, or as a reintroduced population not yet established.
- A 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 the few occasions they were recorded.

SYNSynonym - 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.

- B 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
- N Nonbreeding Rank refers to the non-breeding population of the species in Montana. Appended to the state rank, e.a. S5B, S2N = Common during breeding season, but at risk in the winter
- M 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)).
- 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.
- 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.
- 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.
- 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 Ouckoo (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 BGEPA egg thereof. The BGEPA defines take as pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, molest or disturb. "Disturb" means to agitate or bother a bald or golden eagle to a degree that causes, or is likely 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. 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, 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 except as permitted be unlawful at any time, by any means, or in any menner to pursue, hunt, take, capture, kill ... possess, offer for sale, sele... be permitted by regulations ... it shall be unlawful at any time; by any means, or in any more nor to pursue, hunt, take, capture, kill ... possess, offer for sale, sele... be in the interior." The word "take" is defined by regulation as "to pursue, hunt, shoot, wound, kill, trap, capture, or collect." The USFWS maintains a list of species
- transported ... any migratory bird, any part, nest, or eggs of any such bird ... [Ine Act] prohibits the taking, killing, possession, transportation, import and export or 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 minitarians 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 list for Bird Conservation Region 10, 11, and 17 in Montana, respectively.

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.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 themas 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.

Sensitive

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 Concern

A species, other than federally recognized Threatened, Endangered, Proposed, or Candidate species, that is known to occur in the plan area and for which the regional forester has determined that the best available scientific information Conservation indicates substantial concern about the species' capability to persist over 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.

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SCIENTIFIC NAME COMMON NAME	FAMILY (SCIENTIFIC)	GLOBAL	STATE					% OF GLOBAL	%OFMTTHATIS	
TAXA SORT	FAMILY (COMMON)	RANK	RANK	USFWS	USFS	BLM	FWP SWAP	INAT	BREEDING RANGE	HABITAT
Antrozous pallidus Pallid Bat	Vespertilionidae Bats	G4	S3		Sensitive - Known on Forests (CG)	SENSITIVE	SGON3	0%	6%	Arid land rock outcrops
			on: Species is rar		s: Carbon, Musselshell, Po nd data to assess threats			ted distribution and l	low fecundity make t	this species intrinsically
Blarina brevicauda	Soricidae	G5	S1S3				SGCN1-3	1%	1%	Wetlands
Northern Short-tailed Shrew	Shrews		ences verified ir	these Countie	s: Sheridan					
Bos bison	Bovidae	G4	S2				SGCN2	4%	1%	Grasslands
Bison	Bison / Goat / Sheep	<u> </u>		these Countie	s: Carbon, Gallatin, Lake,					
Brachylagus idahoensis Pygmy Rabbit	Leporidae Rabbits	G4	S3		Sensitive - Known on Forests (BD)	SENSITIVE	SGON3	2%	4%	Sagebrush
		Species Occurre State Rank Reas persistence.	rences verified in son: Species occu	n these Countie pies a limited dis	s: Beaverhead, Deer Lodg tribution within the state	ge, Madison e and threats to sage	brush habitat including	g development and co	onifer encroachment	may affect long-term
Corynorhinus townsendii Townsend's Big-eared Bat	Vespertilionidae Bats	G4	S3		Sensitive - Known on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	SENSITIVE	SGONB	5%	87%	Caves in forested habitat
					s: Beaverhead, Big Horn,					
Cynomys leucurus	Sciuridae	Jefferson, Judith Rosebud, Sanders	Basin, Lake, Lew s, Silver Bow, Still son: Species is wid	is and Clark, Lin vater, Treasure,	coln, Madison, Mccone, M Valley, Yellowstone common and appears to o	eagher, Mineral, Miss	oula, Musselshell, Park	, Phillips, Powder Rive	er, Powell, Prairie, Ŕ	avalli, Richland, Roosevelt,
Cynomys leucurus White-tailed Prairie Dog	Sciuridae Squirrels	Jefferson, Judith Rosebud, Sanders State Rank Reas termpersistence	n Basin, Lake, Lew s, Silver Bow, Stillv son: Species is wid e. S1	is and Clark, Lin vater, Treasure, despread, but un	coln, Madison, McCone, M Valley, Yellowstone common and appears to o Sensitive - Known on Forests (CG)	eagher, Mineral, Miss occur at low densities	oula, Musselshell, Park Disturbance of cave	, Phillips, Powder Rive and mine roosts and	er, Powell, Prairie, R the hard closure of c	avalli, Richland, Roosevelt, occupied mines threaten long
Cynomys leucurus White-tailed Prairie Dog		Jefferson, Judith Rosebud, Sanders State Rank Reas termpersistence G4 Species Occurr State Rank Reas	Basin, Lake, Lews, Silver Bow, Stillson: Species is wide. S1 S1 Since Servified in Monta	is and Clark, Lin water, Treasure, despread, but un these Countie na, this species	coln, Madison, Mccone, M Valley, Yellowstone common and appears to o Sensitive - Known on Forests (CG)	eagher, Mineral, Miss ccur at low densities SENSITIVE	oula, Musselshéll, Park . Disturbance of cave SGCN1	, Phillips, Powder Rive and mine roosts and 1 1%	er, Powell, Prairie, R the hard closure of c	avalli, Richland, Roosevelt, occupied mines threaten long
White-tailed Prairie Dog		Jefferson, Judith Rosebud, Sanders State Rank Reas termpersistence G4 Species Occurr State Rank Reas	Basin, Lake, Lews, Silver Bow, Stillson: Species is wide. S1 S1 Since Servified in Monta	is and Clark, Lin water, Treasure, despread, but un these Countie na, this species	coln, Madison, McCone, M Valley, Yellowstone common and appears to o Sensitive - Known on Forests (CG) s: Carbon if found only in a small ged	eagher, Mineral, Miss ccur at low densities SENSITIVE	oula, Musselshéll, Park . Disturbance of cave SGCN1	, Phillips, Powder Rive and mine roosts and 1 1%	er, Powell, Prairie, R the hard closure of c	avalli, Richland, Roosevelt, occupied mines threaten long Sagebrush græssland
White-tailed Prairie Dog Cynomys Iudovicianus	Squirrels Sciuridae	Jefferson, Judith Rosebud, Sanders State Rank Reas termpersistence G4 Species Occurn State Rank Reas the last fewdeca G4 Species Occurn and Clark, Libert State Rank Reas	Basin, Lake, Lews, Silver Bow, Stillvoon: Species is wice. S1 Tences verified ir son: Within Monta addes, and faces or S3 Tences verified ir yy, Mccone, Musseson: Across much	is and Clark, Lin. vater, Treasure, lespread, but un these Countie una, this species igoing threats fr these Countie ishell, Petroleum of eastern Monta	coln, Madison, Mccone, M Valley, Yellowstone common and appears to o Sensitive - Known on Forests (CG) s: Carbon if found only in a small geo omsylvatic plague. Sensitive - Known on Forests (CG)	eagher, Mineral, Miss occur at low densities SENSITIVE ographic area and the SENSITIVE on, Carter, Cascade, rairie, Richland, Rose a areas with suitable s	oula, Musselshell, Park Disturbance of cave SGON1 e total population exist SGON3 Chouteau, Custer, Fall blud, Stillwater, Sweet soil and topography. He	, Phillips, Powder Rive and mine roosts and to 1% Is within a few coloni 15% on, Fergus, Garfield, Grass, Toole, Treasu owever sylvatic plagu	er, Powell, Prairie, R the hard closure of c 1% es. The population a 71% Golden Valley, Hill, J re, Valley, Wheatlan se has caused the sp	avalli, Ríchland, Ríosevelt, occupied mines threaten long Sagebrush grassland ppears to have declined over Grasslands efferson, Judith Basin, Lewis d, Yellowstone ecies to decline and has
White-tailed Prairie Dog Cynomys Iudovicianus	Squirrels Sciuridae	Jefferson, Judith Rosebud, Sanders State Rank Reas termpersistence G4 Species Occurn State Rank Reas the last fewdeca G4 Species Occurn and Clark, Libert State Rank Reas	Basin, Lake, Lews, Silver Bow, Stillvoon: Species is wice. S1 Tences verified ir son: Within Monta addes, and faces or S3 Tences verified ir yy, Mccone, Musseson: Across much	is and Clark, Lin. vater, Treasure, lespread, but un these Countie una, this species igoing threats fr these Countie ishell, Petroleum of eastern Monta	coln, Madison, Mccone, M Valley, Yellowstone common and appears to o Sensitive - Known on Forests (CG) st Carbon if found only in a small geo omsylvatic plague. Sensitive - Known on Forests (CG) st Big Horn, Blaine, Carbo g Phillips, Powder River, P ana this species occurs in	eagher, Mineral, Miss occur at low densities SENSITIVE ographic area and the SENSITIVE on, Carter, Cascade, rairie, Richland, Rose a areas with suitable s	oula, Musselshell, Park Disturbance of cave SGON1 e total population exist SGON3 Chouteau, Custer, Fall blud, Stillwater, Sweet soil and topography. He	, Phillips, Powder Rive and mine roosts and to 1% Is within a few coloni 15% on, Fergus, Garfield, Grass, Toole, Treasu owever sylvatic plagu	er, Powell, Prairie, R the hard closure of c 1% es. The population a 71% Golden Valley, Hill, J re, Valley, Wheatlan se has caused the sp	avalli, Richland, Roosevelt, occupied mines threaten long Sagebrush grassland ppears to have declined over Grasslands efferson, Judith Basin, Lewis d, Yellowstone ecies to decline and has its uncertain.
White-tailed Prairie Dog Cynomys ludovicianus Black-tailed Prairie Dog Euderma maculatum	Sciuridae Sciurids Sciuridae Vespertilionidae	Jefferson, Judith Rosebud, Sanders State Rank Reas termpersistence G4 Species Occurr State Rank Reas the last few deca G4 Species Occurr and Clark, Libert State Rank Reas affected colony s G4 Species Occurr Clark, Madison, A State Rank Reas	Basin, Lake, Lews, Silver Bow, Stillon: Species is wice. S1 ences verified ir son: Within Monta ades, and faces or S3 ences verified ir y, Mccone, Musse son: Across much size and dynamics S3 ences verified ir Musselshell, Phillips	is and Clark, Lin. vater, Treasure, despread, but un these Countie ina, this species igoing threats fro these Countie dishell, Petroleum of eastern Monta. Ongoing threat in these Countie is, Powder River, in about this spe	coln, Madison, Mccone, M Valley, Yellowstone common and appears to o Sensitive - Known on Forests (CG) s: Carbon if found only in a small geo omsylvatic plague. Sensitive - Known on Forests (CG) s: Big Horn, Blaine, Carbo g Phillips, Powder River, Plana this species occurs in s from disease and persec Sensitive - Known on Forests (BD, CG) s: Beaverhead, Big Horn, Richland, Rosebud, Silver I	eagher, Mineral, Missiccur at low densities SENSITIVE Degraphic area and the SENSITIVE In, Carter, Cascade, trairie, Richland, Rose areas with suitable scution due to perceiv SENSITIVE Blaine, Broadwater, 180w, Stillwater, Trea	oula, Musselshéll, Park Disturbance of cave SGCN1 e total population exist SGCN3 Chouteau, Custer, Fall bud, Stillwater, Sweet oil and topography. He ded competition with g SGCN3, SGIN Carbon, Cascade, Chousure, Yellowstone	n Phillips, Powder Rive and mine roosts and the roosts are roosts. 15% on, Fergus, Garfield, Grass, Toole, Treasu onever sylvatic plagurazing make long-ter 5% uteau, Dawson, Fergusteau, Dawson, Fergusteau, Dawson, Fergusteau, Payson, Payson	er, Powelf, Prairie, Rethe hard closure of comments. The population and the specific production and the population and the popu	avalli, Richland, Roosevelt, occupied mines threaten long Sagebrush grassland ppears to have declined over Grasslands efferson, Judith Basin, Lewis d, Yellowstone ecies to decline and has its uncertain.
White-Éailed Prairie Dog Cynomys Iudovicianus Black-tailed Prairie Dog Euderma maculatum Spotted Bat	Sciuridae Sciurids Sciuridae Vespertilionidae	Jefferson, Judith Rosebud, Sanders State Rank Reas termpersistence G4 Species Occurr State Rank Reas the last few deca G4 Species Occurr and Clark, Libert State Rank Reas affected colony s G4 Species Occurr Clark, Madison, M State Rank Reas abundance or occ G4	Basin, Lake, Lews, Silver Bow, Stillersow, Stillersow, Stillersow, Stillersow, Stillersow, Stillersow, Stillersow, Mithin Montades, and faces or S3 ences verified ir Australia and dynamics S3 ences verified ir Ausselshell, Phillips son: Little is know cupancy, or life hi	is and Clark, Lin. vater, Treasure, despread, but un in these Countie una, this species igoing threats fr in these Countie dishell, Petroleur of eastern Monta . Ongoing threat in these Countie is, Powder River, in about this species istory. P	coln, Madison, Mccone, M Valley, Yellowstone common and appears to o Sensitive - Known on Forests (CG) s: Carbon if found only in a small geo omsylvatic plague. Sensitive - Known on Forests (CG) s: Big Horn, Blaine, Carbo p Philips, Powder River, P ana this species occurs in s fromdisease and persev Sensitive - Known on Forests (BD, CG) s: Beaverhead, Big Horn, Richland, Rosebud, Silver Icies in Montana. Although Proposed on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	eagher, Mineral, Missiscur at low densities SENSITIVE Degraphic area and the SENSITIVE In, Carter, Cascade, rairie, Richland, Rose areas with suitable scution due to perceiv SENSITIVE Blaine, Broadwater, Bow, Stillwater, Trean widely distributed, the SENSITIVE	oula, Musselshéll, Park Disturbance of cave SGCN1 e total population exist SGCN3 Chouteau, Custer, Fall bud, Stillwater, Sweet soil and topography. He red competition with g SGCN3, SGIN Carbon, Cascade, Chorsure, Yellowstone the species is quite rar SGCN3	1% 1% 1s within a few coloni 15% on, Fergus, Garfield, Grass, Toole, Treasu onever sylvatic plagurazing make long-ter 5% uteau, Dawson, Fergus ein almost all of its r	er, Powell, Prairie, Rethe hard closure of comments of the hard closure of comments. The population at the population of this specific population. The population at the popul	avalli, Ríchland, Roosevelt, occupied mines threaten long Sagebrush grassland ppears to have declined over Grasslands efferson, Judith Basin, Lewis d, Yellowstone ecies to decline and has cies uncertain. Cliffs with rock crevices n, Judith Basin, Lewis and a about treats, trends in Boreal Forest and Alpine Habitats
White-tailed Prairie Dog Cynomys Iudovicianus Black-tailed Prairie Dog Euderma maculatum Spotted Bat Gulo gulo	Sciuridae Sciuridae Squirrels Vespertilionidae Bats Mustelidae	Jefferson, Judith Rosebud, Sanders State Rank Reas termpersistence G4 Species Occurr State Rank Reas the last few deca G4 Species Occurr and Clark, Libert State Rank Reas affected colony s G4 Species Occurr Clark, Madison, M State Rank Reas abundance or occ G4 Species Occurr Clark, State Rank Reas abundance or occ G4	Basin, Lake, Lews, Silver Bow, Stillson: Species is wice. S1 ences verified ir son: Within Monta ades, and faces or S3 ences verified ir Aussel, Across much size and dynamics S3 ences verified ir Ausselshell, Phillips son: Little is know cupancy, or life his S3 ences verified ir Ausselshell, Phillips son: Little is know cupancy, or life his S3	is and Clark, Lin. vater, Treasure, despread, but un in these Countie ina, this species igoing threats fro in these Countie ishell, Petroleum of eastern Monta. Ongoing threat in these Countie in, Powder River, in about this spe istory. P	coln, Madison, Mccone, M Valley, Yellowstone common and appears to o Sensitive - Known on Forests (CG) s: Carbon if found only in a small geo omsylvatic plague. Sensitive - Known on Forests (CG) s: Big Horn, Blaine, Carbo p Philips, Powder River, P ana this species occurs in s fromdisease and persev Sensitive - Known on Forests (BD, CG) s: Beaverhead, Big Horn, Richland, Rosebud, Silver Icies in Montana. Although Proposed on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	eagher, Mineral, Missiscur at low densities SENSITIVE Degraphic area and the SENSITIVE In, Carter, Cascade, traine, Richland, Rose areas with suitable scution due to perceiv SENSITIVE Blaine, Broadwater, Bow, Stillwater, Trean widely distributed, the SENSITIVE SENSITIVE	oula, Musselshéll, Park Disturbance of cave SGON1 e total population exist SGON3 Chouteau, Custer, Fall bud, Stillwater, Sweet soil and topography. He red competition with g SGON3, SGIN Carbon, Cascade, Chousure, Yellowstone the species is quite rar SGON3 Deer Lodge, Flathead	1% 1% 1s within a few coloni 15% on, Fergus, Garfield, Grass, Toole, Treasu owever sylvatic plagurazing make long-ter 5% uteau, Dawson, Fergus all of its r 0%	er, Powelf, Prairie, R the hard closure of c 1% es. The population a 71% Golden Valley, Hill, J re, Valley, Wheatlan se has caused this spec 27% us, Gallatin, Jefferso ange. Little is known 37% ranite, Jefferson, Ju	avalli, Richland, Roosevelt, occupied mines threaten long Sagebrush grassland ppears to have declined over Grasslands efferson, Judith Basin, Lewis d, Yellowstone ecies to decline and has cies uncertain. Cliffs with rock crevices n, Judith Basin, Lewis and habout treats, trends in Boreal Forest and Alpine

		Mccone, Musselsl	on. Bocont curs of		uccectors ridve shown			ici acarici eastei 1177	witaia uuliig lie.	
		bat species, incl	uding the Eastern	Red Bat, are com	monly killed at wind farr	ms, which presents a s	substantial threat to the	long-termviability	y of populations wit	summer and fall. Tree roosting thin the state.
asiurus cinereus	Vespertilionidae	G3G4	S3			SENSITIVE	SGCN3	2%	100%	Riparian and forest
Hoary Bat	Bats	Flathead, Gallatir	n, Garfield, Glacier Phillips, Pondera,	r, Golden Valley, C	Granite, Hill, Jefferson,	Judith Basin, Lake, Le	wis and Clark, Liberty, I	Lincoln, Madison, M	Accone, Meagher, A	n, Deer Lodge, Fallon, Fergus, Aineral, Missoula, Musselshell, Teton, Toole, Treasure, Valley
L ynx canadensis Canada Lynx	Felidae Cats	Œ	\$3	LT; CH	Threatened on Forests (BD, BRT) Threatened, Critical Habitat on Forests (CG, HLC, KOOT, LOLO)	THREATENED	SGONB	1%	40%	Subalpine conifer forest
		Species Occurr Teton	ences verified ir	n these Counties	: Carbon, Flathead, Gall	latin, Glacier, Granite,	, Lake, Lewis and Clark,	Lincoln, Missoula,	Park, Pondera, Pov	vell, Stillwater, Sweet Grass,
Mustela nigripes Black-footed Ferret	Mustelidae Weasels	G1	S1	LE; XN	Endangered, Experimental Nonessential on Forests (CG)	ENDANGERED	SGON1	12%	1%	Grasslands
		+ •	ences verified in	these Counties	: Big Horn, Blaine, Ferg	us, Garfield, Petroleun	n, Phillips, Valley			
Myotis lucifugus Little Brown Myotis	Vespertilionidae Bats	G	S3				SGCN3	3%	100%	Generalist
				er River, Powell, F	Prairie, Ravalli, Richland	I, Roosevelt, Rosebud,	Sanders, Sheridan, Silve	r Bow, Stillwater, S	weet Grass, Teton	, Toole, Treasure, Valley,
		State Rank Reas populations of th	is species in the e	eastern US.			ophic declines due to Wh			responsible for the collapse of
Myotis septentrionalis Northern Myotis	Vespertilionidae Bats	State Rank Reas populations of th G1G2	son: Species is cor iis species in the e S2	eastern US.	Threatened on Forests (CG)	THREATENED		nite-Nose Syndrome 0 %	e, a fungal disease r 8%	responsible for the collapse of Riparian and mixed fores
Myotis septentrionalis Northern Myotis	Vespertilionidae Bats	State Rank Reas populations of th G1G2 Species Occurr State Rank Reas Populations of th	son: Species is cor is species in the e S2 rences verified ir son: In Montana the is species in the e	LT these Counties his species in knowastern US have u	Threatened on Forests (CG) Dawson, Mccone, Rich wn to occupy specific h	THREATENED land, Roosevelt, Valle, labitat within a limited declines due to White	/ / drange along the Missou -Nose Syndrome, a funga	0% ri and Yellowstone	8% river drainages nea	
Northern Myotis	Vespertilionidae Bats Vespertilionidae Bats	State Rank Reas populations of th G1G2 Species Occurr State Rank Reas Populations of th	son: Species is cor is species in the e S2 rences verified ir son: In Montana the is species in the e	LT these Counties his species in knowastern US have u	Threatened on Forests (CG) Dawson, Mccone, Rich wn to occupy specific hodergone catastrophic	THREATENED land, Roosevelt, Valle, labitat within a limited declines due to White	/ / drange along the Missou -Nose Syndrome, a funga	0% ri and Yellowstone	8% river drainages nea	Riparian and mixed fores
Myotis septentrionalis Northern Myotis Myotis thysanodes Fringed Myotis	Bats Vespertilionidae	State Rank Reas populations of the G1G2 Species Occurr State Rank Reas Populations of the Montana, its everage G4 Species Occurr Jefferson, Judith State Rank Reas	son: Species is cor is species in the e S2 rences verified ir son: In Montana the is species in the e entual spread to the S3 rences verified ir in Basin, Lake, Lew son: Although this	n these Counties in knowastern US. have un astate presents in these Counties in these Counties in these Counties is and Clark, Lino species is distrib	Threatened on Forests (CG) Dawson, Mccone, Richwn to occupy specific hodergone catastrophic a substantial threat to Beaverhead, Big Horn, oln, Madison, Meagher, uted across much of Mc	THREATENED Iland, Roosevelt, Valley abitat within a limited declines due to White the persistence of the SENSITIVE Blaine, Broadwater, Mineral, Missoula, Poyontana, recent survey.	/ d range along the Missou -Nose Syndrome, a funga is species. SGCN3 Carbon, Carter, Cascad	0% ri and Yellowstone al disease of bats. A 0% le, Custer, Deer Lo ie, Ravalli, Rosebud common within ran	8% river drainages ned Although WNS is not 64% dge, Fergus, Flathed, Sanders, Silver Boge, Species occasion	Riparian and mixed fores ar the North Dakota border. t known to be present in Riparian and dry mixed conifer forest ead, Gallatin, Granite,
Myotis thysanodes Fringed Myotis Myotis yumanensis	Vespertilionidae Bats Vespertilionidae	State Rank Reas populations of the G1G2 Species Occurr State Rank Reas Populations of the Montana, its everage G4 Species Occurr Jefferson, Judith State Rank Reas	son: Species is cor is species in the e S2 rences verified ir son: In Montana the is species in the e entual spread to the S3 rences verified ir in Basin, Lake, Lew son: Although this	n these Counties in knowastern US. have un astate presents in these Counties in these Counties in these Counties is and Clark, Lino species is distrib	Threatened on Forests (CG) Dawson, Mccone, Richwn to occupy specific hodergone catastrophic a substantial threat to Beaverhead, Big Horn, oln, Madison, Meagher, uted across much of Mc	THREATENED Iland, Roosevelt, Valley abitat within a limited declines due to White the persistence of the SENSITIVE Blaine, Broadwater, Mineral, Missoula, Poyontana, recent survey.	range along the Missou Nose Syndrome, a funga is species. SGCN3 Carbon, Carter, Cascad wder River, Powell, Prain's have found it to be und	0% ri and Yellowstone al disease of bats. A 0% le, Custer, Deer Lo ie, Ravalli, Rosebud common within ran	8% river drainages ned Although WNS is not 64% dge, Fergus, Flathed, Sanders, Silver Boge, Species occasion	Riparian and mixed fores ar the North Dakota border. t known to be present in Riparian and dry mixed conifer forest ead, Gallatin, Granite, ow, Teton, Treasure
Myotis thysanodes Fringed Myotis Myotis yumanensis	Vespertilionidae Bats	State Rank Reas populations of the G1G2 Species Occurr State Rank Reas Populations of the Montana, its eve G4 Species Occurr Jefferson, Judith State Rank Reas so threats to per G5 Species Occurr State Rank Reas responsible for the G1G2	son: Species is cor is species in the e S2 rences verified ir son: In Montana the is species in the e intual spread to the S3 rences verified ir in Basin, Lake, Lew son: Although this resistence from Wh S3 rences verified ir in Basin, Lake, I with the intual spread to the int	n these Counties his species in known asstern US have use state presents in these Counties and Clark, Lino species is distribuite-Nose Syndron in these Counties opulations of this ns of individuals of	Threatened on Forests (CG) Dawson, Mccone, Richwn to occupy specific hadergone catastrophic a substantial threat to Beaverhead, Big Horn, oln, Madison, Meagher, uted across much of More are a concern, but dues are a concern, but do folsely related species	THREATENED Iland, Roosevelt, Valley abitat within a limited declines due to White the persistence of the SENSITIVE Blaine, Broadwater, Mineral, Missoula, Powontana, recent surveyue to its western distrible be stable. However, to	range along the Missou Nose Syndrome, a funga is species. SGONB Carbon, Carter, Cascad wder River, Powell, Prairi s have found it to be un ribution the extent of in SGIN	0% ri and Yellowstone al disease of bats. A 0% le, Custer, Deer Lo ie, Ravalli, Rosebud common within ran pacts are as yet u 4% nic decline from Wh	8% river drainages ner Although WNS is not 64% odge, Fergus, Flathed, Sanders, Silver Boge. Species occasioniknown. 0% hite-Nose Syndrome	Riparian and mixed fores ar the North Dakota border. t known to be present in Riparian and dry mixed conifer forest ead, Gallatin, Granite, boy, Teton, Treasure onally uses caves to over-winte
Myotis thysanodes Fringed Myotis	Vespertilionidae Bats Vespertilionidae	State Rank Reas populations of the G1G2 Species Occurr State Rank Reas Populations of the Montana, its eve G4 Species Occurr Jefferson, Judith State Rank Reas so threats to per G5 Species Occurr State Rank Reas responsible for the G1G2	son: Species is cor is species in the e S2 rences verified ir son: In Montana ti is species in the e intual spread to the S3 rences verified ir in Basin, Lake, Lew son: Although this resistence from Wh S3 rences verified ir is basin, Lake, I we son: Although this resistence from Wh S1 S2 S3 S4 S5 S6 S6 S7 S7 S8 S8 S8 S8 S8 S8 S8 S8	n these Counties his species in known asstern US have use state presents in these Counties and Clark, Lino species is distribuite-Nose Syndron in these Counties opulations of this ns of individuals of	Threatened on Forests (CG) Dawson, Mccone, Richwn to occupy specific hadergone catastrophic a substantial threat to Beaverhead, Big Horn, oln, Madison, Meagher, uted across much of More are a concern, but dues are a concern, but do folsely related species	THREATENED Iland, Roosevelt, Valley abitat within a limited declines due to White the persistence of the SENSITIVE Blaine, Broadwater, Mineral, Missoula, Powontana, recent surveyue to its western distrible be stable. However, to	range along the Missou Nose Syndrome, a funga is species. SGONB Carbon, Carter, Cascad wder River, Powell, Prairi s have found it to be un ribution the extent of in SGIN	0% ri and Yellowstone al disease of bats. A 0% le, Custer, Deer Lo ie, Ravalli, Rosebud common within ran pacts are as yet u 4% nic decline from Wh	8% river drainages ner Although WNS is not 64% odge, Fergus, Flathed, Sanders, Silver Boge. Species occasioniknown. 0% hite-Nose Syndrome	Riparian and mixed fores ar the North Dakota border. It known to be present in Riparian and dry mixed conifer forest ead, Gallatin, Granite, ow, Teton, Treasure onally uses caves to over-winted Riparian and mixed fores e, a fungal disease of bats
Myotis thysanodes Fringed Myotis Myotis yumanensis Yuma Myotis	Vespertilionidae Bats Vespertilionidae Bats Mustelidae	State Rank Reas populations of the G1G2 Species Occurr State Rank Reas Populations of the Montana, its even G4 Species Occurr Jefferson, Judith State Rank Reas so threats to per G5 Species Occurr State Rank Reas responsible for the lave confirmed to G5	son: Species is cor is species in the east species spe	n these Counties his species in knowastern US. have under state presents in these Counties is and Clark, Lino species is distribuite-Nose Syndrom these Counties opulations of this ns of individuals of this species to	Threatened on Forests (CG) Dawson, Mccone, Richwn to occupy specific hadergone catastrophic a substantial threat to be a substantial threat to a substantial threat to be a substantial threat threa	THREATENED Illand, Roosevelt, Valley abitat within a limited declines due to White the persistence of the SENSITIVE Blaine, Broadwater, Mineral, Missoula, Povontana, recent survey ue to its western distributes in other areas, presents in other areas.	/ d range along the Missou -Nose Syndrome, a funga- is species. SGCN3 Carbon, Carter, Cascad wder River, Powell, Prairis s have found it to be undibution the extent of im SGIN the threat of catastrophents a treat of substanti	0% ri and Yellowstone al disease of bats. A 0% le, Custer, Deer Lo ie, Ravalli, Rosebud common within ran pacts are as yet u 4% nic decline from Wr ial declines within t	8% river drainages new Although WNS is not 64% 64% dge, Fergus, Flather drainages, Species occasion inknown. 0% hitte-Nose Syndrome the state. Recent of 31%	Riparian and mixed fores ar the North Dakota border. It known to be present in Riparian and dry mixed conifer forest ead, Gallatin, Granite, bw, Teton, Treasure onally uses caves to over-winted Riparian and mixed fores e, a fungal disease of bats observations from Washington
Myotis thysanodes Fringed Myotis Myotis yumanensis Yuma Myotis Pekania pennanti Fisher Perognathus parvus Columbia Plateau Pocket	Vespertilionidae Bats Vespertilionidae Bats Mustelidae	State Rank Reas populations of the G1G2 Species Occurr State Rank Reas Populations of the Montana, its eve G4 Species Occurr Jefferson, Judith State Rank Reas so threats to per G5 Species Occurr State Rank Reas responsible for the Nave Confirmed to G5 Species Occurr Teton	son: Species is cor is species in the east species spe	n these Counties his species in knowastern US. have under state presents in these Counties is and Clark, Lino species is distribuite-Nose Syndrom these Counties opulations of this ns of individuals of this species to	Threatened on Forests (CG) Dawson, Mccone, Richwn to occupy specific hadergone catastrophic a substantial threat to be a substantial threat to a substantial threat to be a substantial threat threa	THREATENED Illand, Roosevelt, Valley abitat within a limited declines due to White the persistence of the SENSITIVE Blaine, Broadwater, Mineral, Missoula, Povontana, recent survey ue to its western distributes in other areas, presents in other areas.	/ d range along the Missou -Nose Syndrome, a funga- is species. SGCN3 Carbon, Carter, Cascad wder River, Powell, Prairis s have found it to be undibution the extent of im SGIN the threat of catastrophents a treat of substanti	0% ri and Yellowstone al disease of bats. A 0% le, Custer, Deer Lo ie, Ravalli, Rosebud common within ran pacts are as yet u 4% nic decline from Wr ial declines within t	8% river drainages new Although WNS is not 64% 64% dge, Fergus, Flather drainages, Species occasion inknown. 0% hitte-Nose Syndrome the state. Recent of 31%	Riparian and mixed fores ar the North Dakota border. t known to be present in Riparian and dry mixed conifer forest ead, Gallatin, Granite, by, Teton, Treasure brally uses caves to over-winted Riparian and mixed fores e., a fungal disease of bats observations from Washington Mixed conifer forests
Myotis thysanodes Fringed Myotis Myotis yumanensis Yuma Myotis Pekania pennanti Fisher	Vespertilionidae Bats Vespertilionidae Bats Mustelidae Wessels Heteromyidae Pocket Mice / Kangaroo	State Rank Reas populations of the G1G2 Species Occurr State Rank Reas Populations of the Montana, its eve G4 Species Occurr Jefferson, Judith State Rank Reas so threats to per G5 Species Occurr State Rank Reas responsible for the Nave confirmed the G5 Species Occurr Teton G5	son: Species is cor is species in the estate of the species of the spec	n these Counties his species in known asstern US have use state presents in these Counties in these Counties is and Clark, Lino species is distribuite-Nose Syndron in these Counties of this no of individuals of this species to in these Counties in these Counties	Threatened on Forests (CG) Dawson, Mccone, Richwn to occupy specific hadergone catastrophic a substantial threat to Beaverhead, Big Horn, oln, Madison, Meagher, uted across much of More are a concern, but dustantial threat to following the concern of More are a concern, but dustantial threat to make the concern of More are a concern, but dustantial threat to make the concern of More are a concern, but dustantial threat to make the concern of More are a concern, but dustantial threat to make the concern of More are a concern, but dustantial threat	THREATENED Illand, Roosevelt, Valley abitat within a limited declines due to White declines due to White the persistence of thi SENSITIVE Blaine, Broadwater, Mineral, Missoula, Povontana, recent survey ue to its western distributes in other areas, present sin other areas, present server, to sin other areas, present server, the sin other areas, present server.	d range along the Missou Nose Syndrome, a funga- is species. SGCNB Carbon, Carter, Cascad wder River, Powell, Prain- is have found it to be un- ibution the extent of im SGIN the threat of catastrophents a treat of substanti SGCNB Granite, Lake, Lewis an	0% ri and Yellowstone al disease of bats. A 0% le, Custer, Deer Lo ie, Ravalli, Rosebud common within ran pacts are as yet u 4% nic decline fromWr ial declines within t 1%	8% river drainages new Although WNS is not 64% 64% dge, Fergus, Flather Brige. Species occasion inknown. 0% mite-Nose Syndromethe state. Recent of 31% Aineral, Missoula, Political interal, Missoula, Political interal, Political interactions in the political interaction in the	Riparian and mixed fores ar the North Dakota border. t known to be present in Riparian and dry mixed conifer forest ead, Gallatin, Granite, boy, Teton, Treasure onally uses caves to over-winte Riparian and mixed fores e, a fungal disease of bats observations from Washington Mixed conifer forests ondera, Powell, Ravalli, Sanders
Myotis thysanodes Fringed Myotis Myotis yumanensis Yuma Myotis Pekania pennanti Fisher Perognathus parvus Columbia Plateau Pocket	Vespertilionidae Bats Vespertilionidae Bats Mustelidae Wessels Heteromyidae Pocket Mice / Kangaroo	State Rank Reas populations of the G1G2 Species Occurr State Rank Reas Populations of the Montana, its eve G4 Species Occurr Jefferson, Judith State Rank Reas so threats to per G5 Species Occurr State Rank Reas responsible for the Nave confirmed the G5 Species Occurr Teton G5	son: Species is cor is species in the estate of the species of the spec	n these Counties his species in known asstern US have use state presents in these Counties in these Counties is and Clark, Lino species is distribuite-Nose Syndron in these Counties of this no of individuals of this species to in these Counties in these Counties	Threatened on Forests (CG) Dawson, Mccone, Richwn to occupy specific hadergone catastrophic a substantial threat to Beaverhead, Big Horn, oln, Madison, Meagher, uted across much of More are a concern, but do folked to folked the folked folked to folked the folked fo	THREATENED Illand, Roosevelt, Valley abitat within a limited declines due to White declines due to White the persistence of thi SENSITIVE Blaine, Broadwater, Mineral, Missoula, Povontana, recent survey ue to its western distributes in other areas, present sin other areas, present server, to sin other areas, present server, the sin other areas, present server.	d range along the Missou Nose Syndrome, a funga- is species. SGCNB Carbon, Carter, Cascad wder River, Powell, Prain- is have found it to be un- ibution the extent of im SGIN the threat of catastrophents a treat of substanti SGCNB Granite, Lake, Lewis an	0% ri and Yellowstone al disease of bats. A 0% le, Custer, Deer Lo ie, Ravalli, Rosebud common within ran pacts are as yet u 4% nic decline fromWr ial declines within t 1%	8% river drainages new Although WNS is not 64% 64% dge, Fergus, Flather Brige. Species occasion inknown. 0% mite-Nose Syndromethe state. Recent of 31% Aineral, Missoula, Political interal, Missoula, Political interal, Political interactions in the political interaction in the	Riparian and mixed fores ar the North Dakota border. t known to be present in Riparian and dry mixed conifer forest ead, Gallatin, Granite, boy, Teton, Treasure onally uses caves to over-winte Riparian and mixed fores e, a fungal disease of bats observations from Washington Mixed conifer forests ondera, Powell, Ravalli, Sanders

Sorex hoyi Pygmy Shrew	Soricidae Shrews	Œ	S3				SGCN3	1%	15%	Open conifer forest, grasslands, and shrublands, often near water
					Beaverhead, Flathead re infrequent resulting					eton, Valley more vulnerable than many small
Sorex merriami	Soricidae	G4	S3				SGCN3	9%	57%	Sagebrush grassland
Merrian's Shrew	Shrews		rences verified in Grass, Teton, Valle		: Beaverhead, Big Horn	, Carbon, Carter, Caso	cade, Chouteau, Custer	r, Hill, Mccone, Park	, Petroleum, Phillip	s, Powder River, Prairie,
Sorex nanus	Soricidae	G4	S2S3				SGCN2-3	14%	67%	Rocky habitat
Dwarf Shrew	Shrews	Species Occurr State Rank Reas mammal species.	rences verified in son: Observations	n these Counties s of this species a	Beaverhead, Carbon, re infrequent resulting	Carter, Chouteau, Da in limited data to asse	wson, Deer Lodge, Ferg ss threats. Species may	gus, Golden Valley, F y only breed once in	till, Judith Basin, Po its brief life, so is	ndera, Toole more vulnerable than many smal
Sorex preblei Preble's Shrew	Soricidae Shrews	G4	S3				SGCN3	28%	79%	Sagebrush grassland
		State Rank Reas mammal species.	son: Observations	Ravalli, Sheridan, s of this species a		s, Teton, Valley, Whea in limited data to asse	ss threats. Species may	,	<u> </u>	more vulnerable than many small
Synaptomys borealis Northern Bog Lemming	Cricetidae New World Mice / Rats / Voles	G5	S2		Sensitive - Known on Forests (BD, BRT, HLC, KOOT, LOLO)		SGCN2, SGIN	1%	14%	Conifer forest wetland
		Species Occurr State Rank Reas occupied is relat	rences verified in son: Although pop ively small. Specie	n these Counties ulations of this sp s faces significan	: Beaverhead, Flathead ecies exist across much t threats to persistence	, Granite, Lewis and C n of western Montana, e fromdegradation of	lark, Lincoln, Missoula, most appear isolated c wetland habitats and is	Ravalli due to the species-sp solation of populatio	pecific habitat req ns that increase ri	uirements and total area sk of local extirpation.
Ursus arctos Grizzly Bear	Ursidae Bears	G4	S2S3	PS: LT; XN	Threatened on Forests (BD, CG, HLC, KOOT, LOLO)	THREATENED	SGCN2-3	1%	22%	Conifer forest
		Species Occurr Lincoln, Madison	ences verified in , Mineral, Missoula	n these Counties a, Park, Pondera,	: Beaverhead, Carbon, Powell, Ravalli, Sanders	Cascade, Chouteau, D Silver Bow, Stillwater	Deer Lodge, Flathead, G , Sweet Grass, Teton, T	allatin, Glacier, Gra Toole	nite, Jefferson, La	ke, Lewis and Clark, Liberty,
Vulpes velox	Canidae	G	S3			SENSITIVE	SGCNB	1%	69%	Grasslands
Swift Fox	Wolves / Coyotes / Foxes	Species Occurr	ences verified in	these Counties	: Blaine, Carter, Custer	, Fallon, Garfield, Glac	ier, Hill, Phillips, Ponder	ra, Powder River, Pr	airie, Valley	-

BIRDS (AVES)										66 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
Accipiter gentilis	Accipitridae	C5	S3	MBTA			SGCN3	2%	68%	Mixed conifer forests
Northern Goshawk	Hawks / Kites / Eagles	Species Occurr Basin, Lake, Lew Teton, Wheatlan	is and Clark, Libe	n these Counties: rty, Lincoln, Madis	Beaverhead, Big Horn son, Meagher, Mineral,	, Broadwater, Carbon Missoula, Park, Ponde	ı, Carter, Cascade, Deel era, Powder River, Powe	r Lodge, Fergus, Fla II, Ravalli, Rosebud, !	thead, Gallatin, Glac Sanders, Silver Bow,	ier, Granite, Jefferson, Judith Stillwater, Sweet Grass,
Aechmophorus clarkii	Podicipedidae	C5	S3B	MBTA			SGCN3	1%	2%	Lakes, ponds, reservoirs
Clark's Grebe	Grebes	Species Occurr	ences verified ir	n these Counties:	Lake, Lewis and Clark	, Phillips, Teton				
Ammospiza leconteii	Passerellidae	Œ	S3B	MBTA			SGCN3	1%	13%	Prairie wetland
LeConte's Sparrow	New World Sparrows	Species Occurr	ences verified ir	n these Counties:	: Flathead, Lake, Roose	velt, Sheridan				
Ammospiza nelsoni	Passerellidae	C5	S3B	MBTA; BCC11			SGCN3	0%	3%	Prairie wetland
Nelson's Sparrow	New World Sparrows	Species Occurr	ences verified ir	n these Counties:	Daniels, Roosevelt, Sh	eridan, Valley				
Anthus spragueii Sprague's Pipit	Motacillidae Pipits	G3G4	S3B	MBTA; BCC11; BCC17		SENSITIVE	SGON3	18%	67%	Grasslands
		Lewis and Clark, Valley, Wheatlan State Rank Reas	Liberty, Madison, d, Wibaux	, Mccone, Meagher	r, Musselshell, Park, Pe Montana appear to be r	troleum, Phillips, Pond elatively stable in rece	lera, Prairie, Richland, F	Roosevelt, Rosebud, s	Sheridan, Stillwater,	den Valley, Hill, Judith Basin, Sweet Grass, Teton, Toole, d the species faces threats

Aquila chrysaetos Golden Eagle	Accipitridae Hawks / Kites / Eagles	G5	S3	BGEPA; MBTA; BCC17		SENSITIVE	SGON3	3%	100%	Grasslands
		Gallatin, Garfield	l, Glacier, Golden , Powder River, P	Valley, Granite, Hil	l, Jefferson, Judith Bas	in, Lake, Lewis and Cla	ark, Liberty, Lincoln, A	Madison, Mccone, Ma	eagher, Missoula, Mu	dge, Fallon, Fergus, Flathead, isselshell, 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, Garfield Petroleum, Phillip Wibaux, Yellows	l, Glacier, Golden os, Pondera, Pow cone	Valley, Granite, Hill der River, Powell, P	l, Jefferson, Judith Bas rairie, Ravalli, Richland	in, Lake, Lewis and Cla , Roosevelt, Rosebud, !	ark, Liberty, Lincoln, A	Madison, Mccone, Ma er Bow, Stillwater, S	eagher, Mineral, Miss weet Grass, Teton,	dge, Fallon, Fergus, Flathead, soula, Musselshell, Park, Treasure, Valley, Wheatland, rology and grazing.
Artemisiospiza nevadensis	Passerellidae New World Sparrows	C5	S3B	MBTA; BCC10; BCC17		SENSITIVE	SGON3	0%	13%	Sagebrush
Sagebrush Sparrow		Species Occurr	ences verified i	in these Counties:	Beaverhead, Carbon,	Gallatin, Meagher, Parl	k, Ravalli			
Athene cunicularia Burrowing Owl	Strigidae Ows	G4	S3B	MBTA; BCC17	Sensitive - Known on Forests (CG) Sensitive - Suspected on Forests (HLC)	SENSITIVE	SGCN3	2%	82%	Grasslands
		Glacier, Golden \ Stillwater, Teton	/alley, Hill, Jeffers , Toole, Treasure	son, Lewis and Clarl , Valley, Wheatland	k, Liberty, Madison, M	, Blaine, Broadwater, C ccone, Musselshell, Pet	Carbon, Carter, Casca troleum, Phillips, Ponde	de, Chouteau, Custe ra, Powder River, Pi	er, Dawson, Fallon, F rairie, Ravalli, Roose	ergus, Gallatin, Garfield, velt, Rosebud, Sheridan,
Botaurus lentiginosus American Bittern	Ardeidae Bittems / Egrets / Herons / Night-Herons	C5	S3B	MBTA; BCC11; BCC17		SENSITIVE	SGONB	4%	100%	Wetlands
Buteo regalis Ferruginous Hawk	Accipitridae Hawks / Kites / Eagles	G4 Species Occurr Valley, Hill, Jeffe	rrant general co S3B rences verified i rson, Judith Basi	MBTA; BCC10; BCC17 in these Counties: n, Lewis and Clark,	rsistence of the specie Beaverhead, Blaine, Br Liberty, Madison, Mcc	SENSITIVE roadwater, Carter, Ca	SGCN3 ascade, Chouteau, Cus	11% ter, Daniels, Dawson	95% n, Fallon, Fergus, Gal	e species specialized habitat Sagebrush grassland latin, Garfield, Glacier, Golde Roosevelt, Rosebud, Sheridai
Calcarius ornatus	Calcariidae	G5	S2B	MBTA; BCC11; BCC17	reliowstone	SENSITIVE	SGON2	32%	67%	Grasslands
Chestnut-collared Longspur	Longspurs and Snow Buntings	Judith Basin, Lev Wheatland, Wiba State Rank Reas	vis and Clark, Lib aux, Yellowstone s on: Species has	in these Counties: erty, Mccone, Muss	selshell, Petroleum, Phil ermpopulation trend ar	lips, Powder River, Pra	airie, Richland, Rooseve	elt, Rosebud, Sherida	an, Stillwater, Sweet	lacier, Golden Valley, Hill, Grass, Teton, Toole, Valley, , intensity, and spatial
Catharus fuscescens	Turdidae	G5	S3B	MBTA		SENSITIVE	SGCN3	6%	100%	Riparian forest
Veery	Thrushes	Granite, Hill, Jef	ferson, Lake, Lev	vis and Clark, Liber		Accone, Meagher, Mine	eral, Missoula, Musselsh			nead, Gallatin, Glacier, owder River, Powell, Ravalli,
Centrocercus urophasianus Greater Sage-Grouse	Phasianidae Upland Game Birds	G3G4	S2.		Sensitive - Known on Forests (BD) Sensitive - Suspected on Forests (CG, HLC)	SENSITIVE	SGCNZ	17%	75%	Sagebrush
		Species Occurr Golden Valley, Hi Wibaux, Yellowst	II, Madison, Mcco	in these Counties: ne, Meagher, Musse	Beaverhead, Big Horn, elshell, Park, Petroleum	, Blaine, Broadwater, C g, Phillips, Powder River	Carbon, Carter, Chout r, Prairie, Rosebud, Silv	eau, Custer, Dawson ver Bow, Stillwater, S	n, Deer Lodge, Fallor Sweet Grass, Treasu	n, Fergus, Gallatin, Garfield, re, Valley, Wheatland,
Centronyx bairdii Baird's Sparrow	Passerellidae New World Sparrows	G4	S3B	MBTA; BCC11; BCC17		SENSITIVE	SGON3	27%	67%	Grasslands
		Mccone, Meaghe Yellowstone	r, Musselshell, Pe	troleum, Phillips, Po	wder River, Prairie, Ri	chland, Roosevelt, Ros	Daniels, Dawson, Fallo sebud, Sheridan, Stillwa ng in most or the surro	iter, Sweet Grass, To	eton, Toole, Treasur	vis and Clark, Liberty, ie, Valley, Wheatland, Wibaux

Certhia americana	Certhiidae	G5	S3	MBTA			SGCNB	4%	53%	Moist conifer forests
Brown Creeper	Creepers	Species Occurre Jefferson, Judith Teton, Wheatland	Basin, Lake, Lev	n these Counties: vis and Clark, Linco	Beaverhead, Broadwa In, Madison, Meagher,	iter, Carbon, Carter, C Mineral, Missoula, Parl	Cascade, Chouteau, Dec k, Powder River, Powell	er Lodge, Fergus, Fl , Ravalli, Rosebud, S	athead, Gallatin, G anders, Silver Bow,	acier, Golden Valley, Granite, Stillwater, Sweet Grass,
Charadrius melodus Piping Plover	Charadriidae Plovers	G	S2B	LT; CH; MBTA		THREATENED	SGON2	4%	11%	Prairie lakes and river shorelines
		Species Occurre	ences verified i	n these Counties:	Dawson, Garfield, Mc	cone, Phillips, Pondera,	Richland, Roosevelt, Sh	neridan, Valley		
Charadrius montanus Mountain Plover	Charadriidae Plovers	G	S2B	MBTA; BCC11; BCC17		SENSITIVE	SGONZ	20%	73%	Grasslands
		Species Occurre Treasure, Valley,		n these Counties:	Blaine, Broadwater, C	arbon, Fergus, Garfiel	d, Golden Valley, Jeffers	son, Madison, Musse	Ishell, Petroleum, F	hillips, Rosebud, Teton, Toole,
Chlidonias niger	Laridae	G4G5	S3B	MBTA; BCC11		SENSITIVE	SGCN3	7%	100%	Wetlands
Black Tern	Gulls / Tems	Roosevelt, Sander	rs, Sheridan, Tet	on, Yellowstone	, ,	de, Chouteau, Daniels, tive short-termpopula	Flathead, Glacier, Gold tion trends.	len Valley, Lake, Ma	dison, Missoula, Ph	llips, Pondera, Powell,
Cistothorus platensis	Troglodytidae	G5	S3B	MBTA			SGCN3	1%	4%	Prairie wetland
Sedge Wren	Wrens	Species Occurre	ences verified i	n these Counties:	Roosevelt, Sheridan		-		-	!
Coccothraustes	Fringillidae	G5	S3	MBTA	,		SGCN3	3%	100%	Conifer forest
vespertinus Evening Grosbeak	Finches	Judith Basin, Lak Teton, Wheatland	ences verified i e, Lewis and Clar d	k, Lincoln, Madisor	n, Meagher, Mineral, M	issoula, Musselshell, Pa	rk, Pondera, Powder Ri	gus, Flathead, Galla ver, Powell, Ravalli,	Sanders, Silver Bov	v Valley, Granite, Jefferson, v, Stillwater, Sweet Grass, r (Bonter and Harvey 2008).
Coccyzus americanus Yellow-billed Cuckoo	Cuculidae Cuckoos	C5	S3B	PS: LT; MBTA; BCC10	Threatened on Forests (BRT, LOLO)	THREATENED	SGCN3, SGIN	1%	50%	Prairie riparian forest
		Species Occurre Wibaux, Yellowst		n these Counties:	Big Horn, Carbon, Car	ter, Chouteau, Custer	, Gallatin, Lake, Madiso	on, Missoula, Phillips	Powder River, Ric	hland, Rosebud, Stillwater,
Coccyzus erythropthalmus	Cuculidae Cuckoos	C5	S3B	MBTA; BCC11; BCC17		SENSITIVE	SGCN3, SGIN	4%	95%	Riparian forest
Black-billed Cuckoo		Species Occurre Richland, Rooseve	ences verified i elt, Rosebud, Still	water, Treasure, V	Big Horn, Cascade, Cl 'alley, Wibaux, Yellows	nouteau, Custer, Daws tone	on, Fallon, Fergus, Garf	field, Mccone, Musse	elshell, Petroleum, F	Phillips, Powder River, Prairie,
Coturnicops noveboracensis	Rallidae Rails	G4	S3B	MBTA; BCC11; BCC17		SENSITIVE	SGONB	1%	5%	Wetlands
Yellow Rail		<u> </u>	ences verified i	n these Counties:	Roosevelt, Sheridan					
Cygnus buccinator Trumpeter Swan	Anatidae Swans / Geese / Ducks	G4	S3		Sensitive - Known on Forests (BD, CG)	l	SGON3	2%	9%	Lakes, ponds, reservoirs
		•		n these Counties:	Beaverhead, Flathead	l, Lake, Lewis and Clarl	k, Madison, Missoula, Pa	ark, Powell		
Cypseloides niger Black Swift	Apodidae Swifts	G4	S1B	MBTA; BCC10	Species of Conservation Concern on Forests (FLAT)		SGON1, SGIN	5%	19%	Waterfalls
		Species Occurre State Rank Reas range.	ences verified i on: Species is lin	n these Counties: ited in distribution	Carbon, Flathead, Gla and requires very sp	cier, Lake, Lincoln, Mi ecific features for nest	ssoula, Ravalli ing that are rare on th	e landscape making	it vulnerable to ex	tirpation in all or part of its
Dolichonyx oryzivorus	Icteridae	G5	S3B	MBTA			SGCNB	9%	100%	Moist grasslands
Bobolink	Blackbirds	Species Occurre Gallatin, Garfield, Powell, Prairie, R	! ences verified i , Glacier, Granite avalli, Richland, F	n these Counties: e, Hill, Jefferson, Ju Roosevelt, Rosebud,	idith Basin, Lake, Lewi Sanders, Sheridan, St	s and Clark, Liberty, <i>N</i> illwater, Sweet Grass,	Larbon, Carter, Cascac ladison, Mccone, Meagh Teton, Valley, Wheatlar	le, Chouteau, Custe ner, Missoula, Musse nd, Wibaux, Yellows	r, Daniels, Dawson Ishell, Park, Petrole cone	, Fallon, Fergus, Flathead, eum, Phillips, Powder River, urrounding states and
Oryocopus pileatus	Picidae	G5	S3	MBTA			SGCNB	1%	27%	Moist conifer forests
Pileated Woodpecker	Woodpeckers	Species Occurre	ences verified i			ter, Cascade, Deer Lo		1.7		vis and Clark, Lincoln, Madison
	Tyrannidae	G5	S3B	MBTA			SGCN3	0%	1%	Woody wetlands
Empidonax alnorum	I VI di li liude	W) 330	MUIA			3000	U /0	1/0	1 100dy victidilias

Falco peregrinus Peregrine Falcon	Falconidae Falcons	G4	53	DM; MBTA; BCC10; BCC11; BCC17	BRT, CG, HLC, KOOT, LOLO)	SENSITIVE	SGCNB	2%	100%	Cliffs / canyons
		Species Occurr	ences verified i	n these Counties:	: Beaverhead, Big Horn Mineral Missoula Park	, Blaine, Broadwater, (Pondera Powell Prair	Carbon, Cascade, Chou rie Ravalli Sanders Silv	teau, Deer Lodge, Fl ver Row, Stillwater, S	athead, Gallatin, G	acier, Granite, Jefferson, , Toole, Treasure, Yellowstone
Gavia immer Common Loon	Gaviidae Loons	G5	S3B	MBTA	Sensitive - Known on Forests (KOOT, LOLO)	Torker a, Fores, Fran	SGCN3	1%	14%	Mountain lakes w/ emergent veg
		Species Occurr	ences verified i	n these Counties:	Flathead, Glacier, Lak	e, Lewis and Clark, Lir	ncoln, Missoula, Powell,	Sanders, Teton		1
Grus americana	Gruidae	G1	S1M	LE; MBTA		ENDANGERED	SGCN1	0%	0%	Wetlands
Whooping Crane	Cranes	State Rank Reas the Dakotas, Wr	son: The federally	endangered Whodas close to extincti	Richland, Roosevelt, Soping Crane occasional ion during the early an	v migrate across the e	eastern portion of Mont management has helpe	ana, although their I d to begin the recov	main migratory cor ery process. The sp	ridor is found to the east in pecies is still very rare across
Gymnorhinus	Corvidae	G	S3	MBTA; BCC17			SGCNB	5%	55%	Open conifer forest
<mark>cyanocephalus</mark> Pinyon Jay	Jays / Crows / Magpies	Species Occurr and Clark, Musse	rences verified in elshell, Park, Petro	n these Counties: bleum, Phillips, Pow	Big Horn, Blaine, Broa der River, Rosebud, St	dwater, Carbon, Carte Ilwater, Sweet Grass, '	er, Cascade, Chouteau, Wheatland, Yellowston	Custer, Fergus, Gal	latin, Garfield, Gold	len Valley, Jefferson, Lewis
Haemorhous cassinii	F <u>r</u> ingillidae	C5	S3	MBTA; BCC10			SGCN3	11%	62 %	Drier conifer forest
Cassin's Finch	Finches	Granite, Jefferso Silver Bow, Stillw State Rank Reas	on, Judith Basin, L ater, Sweet Grass son: Data show re	Lake, Lewis and Cla s, Teton, Wheatlan ecent short-termo	ark, Lincoln, Madison, <i>I</i>	Weagher, Mineral, Miss	soula, Musselshell, Park,	Petroleum, Phillips, I	Fergus, Flathead, C Powder River, Powe	allatin, Glacier, Golden Valley, ell, Ravalli, Rosebud, Sanders,
Himantopus mexicanus	Recurvirostridae	G5	S3B	MBTA			SGCN3	1%	8%	Wetlands
Black-necked Stilt	Avocets	<u> </u>				Gallatin, Glacier, Golder				ater, Teton, Yellowstone
Histrionicus histrionicus Harleguin Duck	Anatidae Swans / Geese / Ducks	G4	S2B	MBTA	Sensitive - Known on Forests (BD, CG, HLC, KOOT, LOLO)		SGONZ	4%	40%	Mountain streams
·		Species Occurr State Rank Reas	rences verified i son: The Harlequi	n these Counties: n Duck has an extr	Carbon, Flathead, Gla emely limited breeding	cier, Granite, Lewis ar range in Montana.	nd Clark, Lincoln, Miner	al, Missoula, Park, Po	ondera, Powell, San	ders, Sweet Grass, Teton
Hydroprogne caspia Caspian Tern	Laridae	G5	S2B	MBTA		SENSITIVE	SGONZ	0%	4%	Large rivers, lakes
Caspian Tern	Gulls / Terns				Broadwater, Garfield,	Lake, Mccone, Phillips	s, Pondera, Powell, Sher	<u> </u>		
Ixoreus naevius Varied Thrush	Turdidae Thrushes	Meagher, Minera State Rank Reas	al, Missoula, Park,	Pondera, Powell, R hrush has undergo	Pavalli, Sanders, Teton		SGONS acier, Golden Valley, Gr d across the Northern F			Moist conifer forests ark, Lincoln, Madison, at outbreak, and fire result in
Lagopus leucura	Phasianidae	G5	S3				SGCN3, SGIN	2%	6%	Alpine
White-tailed Ptarmigan	Upland Game Birds	+ •	+				, Pondera, Powell, Teto			<u> </u>
Lanius Iudovicianus Loggerhead Shrike	Laniidae Shrikes	G4	S3B	MBTA; BCC10; BCC17		SENSITIVE	SGONB	4%	100%	Shrubland
		Garfield, Glacier	, Golden Valley, Hi	ill, Jefferson, Liber	Beaverhead, Big Horn ty, Madison, Mccone, I land, Wibaux, Yellowsto	Meagher, Musselshell, F	Carbon, Carter, Cascac Petroleum, Phillips, Ponc	le, Chouteau, Custer Hera, Powder River, I	r, Daniels, Dawson, Prairie, Richland, R	Fallon, Fergus, Gallatin, posevelt, Rosebud, Sheridan,
Leucophaeus pipixcan	Laridae_	G5	S3B	MBTA		SENSITIVE	SGCN3	7%	48%	Wetlands
Franklin's Gull	Gulls / Terns		1			, Chouteau, Phillips, Ro	posevelt, Sheridan, Teto			
Leucosticte atrata Black Rosy-Finch	Fringillidae Finches	G4 Species Occurr Ravalli, Silver Box		MBTA; BCC10 n these Counties:		ter, Carbon, Cascade,	, Deer Lodge, Granite,	38% Jefferson, Judith Bas	in, Madison, Meagh	Alpine ner, Missoula, Park, Powell,
Leucosticte tephrocotis	Fringillidae	G5	S2B,S5N	MBTA			SGONZ, SGIN	1%	29%	Alpine
Gray-crowned Rosy-Finch	Finches			1	l : Cascade, Flathead, Gl	L acier, Judith Basin Te		1/0	 //0	_ Aprile
Melanerpes erythrocephalus	Picidae Woodpeckers	G5	S3B	MBTA; BCC11; BCC17		SENSITIVE	SGCN3	4%	60%	Riparian forest
Red-headed Woodpecker			rences verified i , Wibaux, Yellows	n these Counties:		on, Fallon, Mccone, Mu	usselshell, Phillips, Powd	er River, Prairie, Ric	hland, Roosevelt, R	osebud, Sweet Grass,

Melanerpes lewis Lewis's Woodpecker	Picidae Woodpeckers	G4	S2B	MBTA; BCC10; BCC17		SENSITIVE	SGONZ	8%	78%	Riparian forest
				n these Counties: nders, Sweet Grass		cade, Deer Lodge, Flat	:head, Granite, Jeffers	on, Lake, Lewis and	Clark, Lincoln, Mis	soula, Musselshell, Powder
Nucifraga columbiana Clark's Nutcracker	Corvidae Jays / Crows / Magpies	C5	S3	MBTA	Species of Conservation Concern on Forests (FLAT)		SGCN3	9%	84%	Conifer forest
		Valley, Granite,	Jefferson, Judith	Basin, Lake, Lewis	Beaverhead, Big Horn, and Clark, Liberty, Lir Teton, Toole, Wheatla	coln, Madison, Meagh	Carter, Cascade, Cho er, Mineral, Missoula, M	uteau, Custer, Deer usselshell, Park, Pet	Lodge, Fergus, Fla roleum, Phillips, Po	athead, Gallatin, Glacier, Gold ndera, Powder River, Powell,
lumenius americanus Long-billed Curlew	Scolopacidae Sandpipers	G5	S3B	MBTA; BCC10; BCC11; BCC17		SENSITIVE	SGCNB	19%	100%	Grasslands
		Flathead, Gallati	in, Garfield, Glacie	er, Golden Valley, G	ranite, Hill, Jefferson, .	Judith Éasin, Lake, Le		Madison, Mccone, M	Néagher, Missoula, I	, Deer Lodge, Fallon, Fergus, Musselshell, Park, Petroleum, y, Wheatland, Wibaux,
lycticorax nycticorax	Ardeidae	C5	S3B	MBTA			SGCN3	1%	45%	Wetlands
Black-crowned Night- Heron	Bitterns / Egrets / Herons / Night-Herons	Species Occuri	rences verified i	n these Counties:	Beaverhead, Cascade,	Chouteau, Deer Lodg	je, Phillips, Ravalli, Roos	evelt, Sheridan, Tet	con	
Oreoscoptes montanus Sage Thrasher	Mimidae Thrashers / Mockingbirds	G4	S3B	MBTA; BCC10; BCC17		SENSITIVE	SGONB	9%	84%	Sagebrush
	/ Catbirds	Species Occuri Clark, Madison,	rences verified i Musselshell, Park,	n these Counties: Petroleum, Phillips	Beaverhead, Big Horn, Powder River, Prairie	Broadwater, Carbon, Richland, Rosebud, S	Carter, Chouteau, Cuanders, Silver Bow, Still	ster, Fallon, Gallatin vater, Sweet Grass,	i, Garfield, Golden V , Valley, Wheatland	/alley, Jefferson, Lewis and , Yellowstone
Pelecanus	Pelecanidae	G4	S3B	MBTA			SGCN3	6%	1%	Lakes, ponds, reservoir
erythrorhynchos American White Pelican	Pelicans	Species Occuri State Rank Rea	rences verified i son: American Wh	n these Counties: nite Pelicans breed	Broadwater, Phillips, F at five sites in Montan	Pondera, Roosevelt, Sh a. Due to limited distr	eridan, Teton ibution of breeding site	s, the species is po	tentially at risk of o	declines.
Picoides arcticus Black-backed Wbodpecker	Picidae Woodpeckers	G5	53	MBTA	Sensitive - Known on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	SENSITIVE	SGON3	2%	49%	Conifer forest burns
		Species Occur	rences verified i	n these Counties:		, Gallatin, Lewis and C	lark, Lincoln, Madison,	Mineral, Missoula, P	owder River, Powel	l, Ravalli, Rosebud, Sanders
Pipilo chlorurus	Passerellidae	G5	S3B	MBTA	,	·	SGQN3	3%	60%	Shrub woodland
Green-tailed Towhee	New World Sparrows	Basin, Lewis and	d Clark, Madison, I	Veagher, Musselshe		Ilips, Powder River, Sil	ver Bow, Stillwater, Sw			ield, Granite, Jefferson, Judit one
Plegadis chihi	Threskiornithidae	G5	S3B	MBTA		SENSITIVE	SGCN3	4%	45%	Wetlands
White-faced Ibis	Ibises				Beaverhead, Carter, (reeding sites, the speci		nillips, Roosevelt, Sheric k of declines.	dan, Teton		11233333
Podiceps auritus Horned Grebe	Podicipedidae Grebes	G5	S3B	MBTA; BCC11; BCC17		SENSITIVE	SGONB	3%	77%	Wetlands
		Species Occurr	rences verified i	n these Counties:	Cascade, Chouteau, F	lathead, Lake, Phillips	, Powell, Sheridan, Teto	n		
Poecile hudsonicus	Paridae	C5	S3	MBTA			SGCN3	1%	14%	Spruce-fir forests
Boreal Chickadee	Chickadees	Species Occurr	rences verified i	n these Counties:	Flathead, Glacier, Lind	coln, Teton				
Polioptila caerulea Blue-gray Gnatcatcher	Polioptilidae Gnatcatchers	G5	S2B	MBTA	Sensitive - Known on Forests (CG)	SENSITIVE	SGONZ	0%	1%	Utah juniper
		Species Occurr	rences verified i		Broadwater, Carbon,	Jefferson				
Psiloscops flammeolus Flammulated Owl	Strigidae Ows	G4	S3B	MBTA; BCC10	Sensitive - Known on Forests (BD, BRT, HLC, KOOT, LOLO) Sensitive - Suspected on Forests (CG) Species of Conservation Concern on Forests (FLAT)	SENSITIVE	SGONB	2%	36%	Dry conifer forest

		Species Occuri Ravalli, Sanders	rences verified	in these Counties:	Beaverhead, Broadwa	ater, Flathead, Gallatin	n, Granite, Jefferson, La	ke, Lewis and Clark	, Lincoln, Madison,	, Mineral, Missoula, Powell,
Rhynchophanes mccownii	Calcariidae Longspurs and Snow	G4	S3B	MBTA; BCC10; BCC11; BCC17		SENSITIVE	SGON3	41%	79%	Grasslands
McCown's Longspur	Buntings	Mccone, Mussels State Rank Rea	hell, Petroleum, F son: Species face	hillips, Pondera, Ro s threats fromcov	osevelt, Rosebud, She er type conversion an	ridan, Stillwater, Sweet	t Grass, Teton, Toole, Va fire regimes, and althou	alley, Wheatland, Yo	ellowstone	vis and Clark, Liberty, Madison, eeding range in northeast
Spizella breweri Brewer's Sparrow	Passerellidae New World Sparrows	G5	S3B	MBTA; BCC10; BCC17		SENSITIVE	SGON3	12%	100%	Sagebrush
		Garfield, Glacier River, Powell, Pr State Rank Read weed encroachn	, Golden Valley, G airie, Ravalli, Rich son: Species face nent and drought	ranite, Hill, Jeffers nland, Roosevelt, R s threats fromloss	on, Lake, Lewis and Cl osebud, Sanders, Sheri	ark, Liberty, Lincoln, A dan, Silver Bow, Stillwa it is dependent on as	Madison, Mccone, Meagl Iter, Sweet Grass, Tetor a result of habitat conv	her, Missoula, Musso n, Toole, Treasure, \ ersion for agricultu	elshell, Park, Petro Valley, Wheatland, re and increased f	requency of fire as a result of
Sterna forsteri	Laridae	G5	S3B	MBTA		SENSITIVE	SGON3	1%	59%	Wetlands
Forster's Tern	Gulls / Terns	Species Occuri		n these Counties:	Beaverhead, Blaine, C	Cascade, Chouteau, Hil	II, Lake, Lewis and Clark		, Powell, Roosevelt	, Sheridan, Teton
Sterna hirundo	Laridae_	G5	S3B	MBTA		SENSITIVE	SGCN3	5%	50%	Large rivers, lakes
Common Tern	Gulls / Terns	Species Occuri	rences verified	in these Counties:	Blaine, Broadwater, C	Cascade, Chouteau, Da	niels, Flathead, Hill, Lak	e, Mccone, Petrole	um, Phillips, Roosev	velt, Sheridan, Teton, Valley
Sternula antillarum Least Tern	Laridae Gulls / Terns	G4	S1B	LE; MBTA	Endangered on Forests (CG)	ENDANGERED	SGCN1, SGIN	1%	10%	Large prairie rivers
		Species Occurr	rences verified	n these Counties:	Custer, Dawson, Garl	ield, Mccone, Prairie,	Richland, Roosevelt, Val	ley, Wibaux	•	
Strix nebulosa Great Gray Owl	Strigidae Owls	C5	S3	MBTA		SENSITIVE	SGCN3, SGIN	2%	46%	Conifer forest near open meadows
,					Beaverhead, Carbon, ss, Teton, Wheatland	Deer Lodge, Flathead,	, Gallatin, Granite, Jeffe	rson, Judith Basin,	Lake, Lewis and Cl	ark, Lincoln, Meagher,
Surnia ulula	Strigidae Owls	C5	S3	MBTA			SGCN3, SGIN	0%	1%	Conifer forest
Northern Hawk Owl	Owls				Flathead, Glacier, Tel and limited distribution					
Troglodytes pacificus Pacific Wren	Troglodytidae Wrens	G5	S3	MBTA			SGCN3	1%	39%	Moist conifer forests
Pacific Wren	Wrens					ater, Cascade, Fergus, ter, Sweet Grass, Teto		ier, Granite, Jeffer	son, Judith Basin,	Lake, Lewis and Clark, Lincoln,
Tympanuchus	Phasianidae	G5	SX,S4				SGCN1	6%	100%	Shrub grassland
phasianellus Sharp-tailed Grouse	Upland Game Birds	State Rank Rea				ated and have a conse	ervation status rank of S	SX. Populations east	of the Continenta	al Divide have a state rank of S4

REPTILES (REPT	ILIA)									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	C5	S3			SENSITIVE	SGONB	2%	26%	Prairie rivers and larger streams
		Species Occurr Petroleum, Phillip	ences verified ir is, Pondera, Prairi	these Counties: e, Richland, Roseb	Big Horn, Blaine, Carb oud, Stillwater, Sweet G	on, Cascade, Choutea rass, Teton, Toole, Tro	u, Custer, Dawson, Fer easure, Wheatland, Wi	gus, Garfield, Glacie baux, Yellowstone	r, Golden Valley, Lev	vis and Clark, Musselshell,
	Chelydridae	C5	S3			SENSITIVE	SGCN3, SGIN	1%	26%	Prairie rivers and streams
Snapping Turtle	Snapping Turtles	Sheridan, Stillwat State Rank Reas	er, Treasure, Wil: on: Little is know	aux, Yellowstone	pulations of this specie	, , ,	, ,	, , ,	, ,	d, Roosevelt, Rosebud, as a high age of maturity and
Elgaria coerulea Northern Alligator Lizard	Anguidae Aligator Lizards	C5	S3				SGCN3, SGIN	8%	12%	Talus slopes / rock outcrops
		Species Occurr	ences verified in	these Counties:	Flathead, Granite, Lak	ke, Lincoln, Mineral, Mi	issoula, Ravalli, Sanders	;		
Heterodon nasicus Plains Hog-nosed Snake	Colubridae Colubrid Snakes	G5	S2		Sensitive - Known on Forests (CG)	SENSITIVE	SGCN2, SGIN	8%	63%	Friable soils

					Big Horn, Blaine, Carte In, Stillwater, Toole, Tre			n, Garfield, Hill, Mc	cone, Musselshell, Pe	etroleum, Phillips, Powder
Lampropeltis gentilis Western Milksnake	Colubridae Colubrid Snakes	C5	S2		Sensitive - Known on Forests (CG)	SENSITIVE	SGCN2	2%	51%	Rock outcrops
		Species Occurry Yellowstone	ences verified ir	n these Counties:	Big Horn, Blaine, Carbo	n, Custer, Dawson, F	Fergus, Garfield, Mussels	hell, Petroleum, Phi	llips, Powder River, I	Rosebud, Stillwater,
	Colubridae	G5	S2			SENSITIVE	SGON2, SGIN	1%	5%	Wetlands
Smooth Greensnake	Colubrid Snakes	State Rank Reas threatens the sp	on: The Smooth G ecies persistence	Green Snake is rare	Like many other reptile	found within or near s we do not have dat	a to assess changes in p	opulation, occupar	ncy, or distribution o	
Phrynosoma hernandesi Greater Short-horned Lizard	Phrynosomatidae Sagebush / Spiny Lizards	G5	S3		Sensitive - Known on Forests (CG) Sensitive - Suspected on Forests (HLC)	SENSITIVE	SGON3, SGIN	19%	66%	Sandy / gravelly soils
		Hill, Lewis and Cla	ences verified in ark, Liberty, Mcca Wheatland, Wiba	one, Musselshell, P	Big Horn, Blaine, Broad letroleum, Phillips, Ponda	water, Carbon, Carto era, Powder River, Pr	er, Cascade, Chouteau, rairie, Richland, Rooseve	Custer, Dawson, Fo lt, Rosebud, Silver I	ergus, Gallatin, Garf Bow, Stillwater, Swee	ield, Glacier, Golden Valley, et Grass, Teton, Toole,
Plestiodon skiltonianus Western Skink	Scincidae Skinks	C5	S3				SGCN3, SGIN	2%	10%	Open conifer forest and adjacent grasslands
		Species Occurr	ences verified ir	n these Counties:	Flathead, Granite, Linc	oln, Mineral, Missoula	a, Ravalli, Sanders			

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	
Anaxyrus boreas Western Toad	Bufonidae True Toads	G4	S2		Sensitive - Known on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	SENSITIVE	SGCN2	6%	38%	Wetlands, floodplain pools
		Madison, Meaghe State Rank Reas occupancy appea	er, Mineral, Missou son: Over the last ar to have stabiliz	lla, Park, Pondera few decades this ed in the last deca		s, Silver Bow, Teton serious declines in ab Ince across the specie	undance due primarily s range within Montan	to infection with Chy a remain unknown. S	ytrid fungus. While o	wis and Clark, Lincoln, declines in breeding site o the persistence of this
Anaxyrus cognatus Great Plains Toad	Bufonidae True Toads	G5	S2		Sensitive - Known on Forests (CG)	SENSITIVE	SGCN2	8%	62%	Wetlands, floodplain pools
	True rocas	Ci O				Cd- Ch4	. Ct a.v. Caustalal Cal	dana V /allani I Ell II anni	a anad Clauda I dhanda .	Atanana Atananlahali
	1140 1540	Petroleum, Phillip State Rank Reas threats fromhab	os, Powder River, I son: Current tren pitat loss including	Prairie, Rosebud, : d is unknown due :	: Big Horn, Blaine, Carte Sheridan, Stillwater, To	ole, Valley, Yellowston ations, but long-termo	e declines are possible du rows due to black-taile	ie to declines in ephe d prairie dog decline	emeral waterbodies ((bison wallows). Species faces
Dicamptodon aterrimus Idaho Giant Salamander		Petroleum, Phillip State Rank Reas	os, Powder River, I s on: Current tren	Prairie, Rosebud, : d is unknown due :	: Big Horn, Blaine, Carte Sheridan, Stillwater, To to a scarcity of observa	ole, Valley, Yellowston ations, but long-termo	e declines are possible du	ie to declines in ephe	emeral waterbodies	
Dicamptodon aterrimus	Dicamptodontidae	Petroleum, Phillip State Rank Reas threats fromhat G3G4 Species Occurr State Rank Reas	os, Powder River, I son: Current tren pitat loss including S2 rences verified ir son: Found only wi	Prairie, Rosebud, id is unknown due development of non these Counties; ithin a small area if	: Big Horn, Blaine, Carte Sheridan, Stillwater, To to a scarcity of observantive habitat, and redu : Mineral	ole, Valley, Yellowston ations, but long-term iced availability of bur ng the Idaho border, li	e declines are possible du rows due to black-taile SGOV2	to declines in ephe d prairie dog decline 4% to assess threats. T	emeral waterbodies (ss. 1%	(bison wallows). Species faces Mountain streams, moist
Dicamptodon aterrimus	Dicamptodontidae	Petroleum, Phillip State Rank Reas threats fromhat G3G4 Species Occurr State Rank Reas	os, Powder River, I son: Current tren pitat loss including S2 rences verified ir son: Found only wi	Prairie, Rosebud, id is unknown due development of non these Counties; ithin a small area if	: Big Horn, Blaine, Carte Sheridan, Stillwater, To to a scarcity of observ active habitat, and redu : Mineral in western Montana alor	ole, Valley, Yellowston ations, but long-term iced availability of bur ng the Idaho border, li	e declines are possible du rows due to black-taile SGOV2	to declines in ephe d prairie dog decline 4% to assess threats. T	emeral waterbodies (ss. 1%	(bison wallows). Species faces Mountain streams, moist conifer forest

Plethodon idahoensis Coeur d'Alene Salamander	Plethodontidae Lungless Salamanders	G4	S2		Sensitive - Known on Forests (BRT, KOOT, LOLO)		SGCN2, SGIN	31%	5%	Spring / seep, waterfall, fractured rock
		Species Occurr	ences verified in	these Counties: Li	incoln, Mineral, Misso	ula, Ravalli, Sanders				

FISH (ACTINOP	TERYGII)									23 SPECIES
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWPSWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANCE	HABITAT
Acipenser ransmontanus	Acipenseridae Sturgeons	G4	S1	LE	Endangered on Forests (KOOT)		SGCN1	1%	1%	Large mountain rivers
White Sturgeon	, and the second	State Rank Reas vulnerable to glo about 500 wild a	bal extinction or e	urgeon is current extirpation in the his population wa	ly listed as "S1" in MT du e state. The Kootenai Riv	er population of white	e sturgeon (Kootenai st	turgeon) has been de	clining during at leas	itat, making it highly t the past 50 years with on e ongoing lack of juvenile
Chrosomus eos	Cyprinidae	G5	S3				SGCN3	4%	27%	Small prairie rivers
Northern Redbelly Dace	Minnows	Petroleum, Phillip State Rank Reas	os, Pondera, Richla s on: The Northern	and, Roosevelt, Sh Redbelly Dace is	heridan, Stillwater, Swe	et Gráss, Tetón, Toole	e, Valley, Wheatland, W	fibaux	,	one, Meagher, Musselshell, ted and/or declining number
Chrosomus eos x	Cyprinidae	GNA	S3			SENSITIVE	SGCN3		20%	Small prairie streams
Chrosomus neogaeus Northern Redbelly X Finescale Dace	Minnows	Valley, Wheatlan State Rank Reas	d s on: The Northern	n Redbelly/Finesca	, ,	ntly listed as an "S3" s	,	<i>3</i> , ,	, , ,	ondera, Stillwater, Teton, sk because of limited and/or
Cottus rhotheus Torrent Sculpin	Cottidae Sculpins	G5	S3				SGON3	2%	3%	Mountain streams, rivers lakes
Cottus ricei Spoonhead Sculpin	Cottidae Sculpins	a sensitive speci	es by the U.S. For	est Service in Re	ly listed as an "33" speci gion 1 (Lee et al. 1997). pugh it may be abundant	A"S3" designation me				04), and is also designated a flimited and potentially Mountain streams, river lakes
эрооннеаа эсифин	эсифіі із	State Rank Reas declines in popula	ation, range or ha	ad sculpin is prese bitat even thoug	ently listed as a species	some areas) (MNHP 20	004). This species is sin			they are at risk for potential 14 states or provinces
Cycleptus elongatus	Catostomidae	G3G4	S2S3				SGCN2-3	1%	7%	Large prairie rivers
Blue Sucker	Suckers	Roosevelt, Roseb State Rank Reas	ud, Treasure, Vall i on: The Blue Suck	ley, Wibaux ker is currently lis	, ,	s of concern in Monta	, 3 , , ,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , ,	nder River, Prairie, Richland e, because of limited and/o
theostoma exile	Percidae	G5	S3			SENSITIVE	SGCN3	1%	9%	Small prairie rivers
lowa Darter	Perches	Toole, Valley, Wi State Rank Reas	baux	ter is currently l	isted as an "S3" species	, , ,	, , ,	, , ,	,	nland, Roosevelt, Sheridan, declining numbers, range
_episosteus	Lepisosteidae	C5	S3				SGCN1	1%	1%	Large prairie rivers
blatostomus Shortnose Gar	Gars	State Rank Reas	on: The Shortnos	e Gar is currently	s: Custer, Dawson, Mcc y ranked as S3 in Monta eaminto the Yellowstor	na. The previous rank			vations upstreamof	known populations on the
Macrhybopsis gelida	Cyprinidae Minnows	G	S2S3			SENSITIVE	SGCN2-3	17%	7%	Large prairie rivers
Sturgeon Chub	MINNOWS	Valley, Wibaux State Rank Reas and/or declining	ion: The Sturgeon numbers, range a	Chub is currentl Ind/or habitat, e	y listed as an "S2S3" spe	cies of concern in Moi undant in some areas	ntana because they are . Population losses fror	e potentially at risk o nthe Fort Peck Section	f extirpation in the	chland, Roosevelt, Rosebud, state, because of limited ver and the Bighorn River are

Marchy bancia madi	Comminidae	G	S1				SGCN1	16%	3%	Large prairie rivers
Macrhybopsis meeki Sicklefin Chub	Cyprinidae Minnows	Species Occurr State Rank Rea	ences verified in son: The Sicklefin	Chub is currently		o extremely limited a	troleum, Phillips, Prairie, nd/or rapidly declining p	Richland, Rooseve	elt, Valley, Wibaux . range and/or ha	
Margariscus nachtriebi	Cyprinidae	C5	S2		<u> </u>	SENSITIVE	SGCN2	1%	1%	Small prairie streams
Northern Pearl Dace	Minnows	State Rank Read declining number streams and pon	son: The Pearl Dades, range and/or h	ce is currently list nabitat, even thou n to inhabit. This	ugh it may be abundant ir factor, as well as introdu	concern in Montana b n some areas. Pearl D	ecause they are potentia ace are not abundant wh	ally at risk of extir nen they are collec	ted at the relative	e, because of limited and/or ely fewsites in cool, small be designated as a Montana
Myoxocephalus	Cottidae	G5	S3				SGCN3, SGIN	1%	1%	Deep mountain lakes
thompsonii Deepwater Sculpin	Sculpins	State Rank Rea	rences verified in son: The Deepwat ation, range or ha	er sculpin is prese	s: Glacier ently listed as a species o h they are abundant in so	of special concern (SC ome areas) (MNHP 20°	DC) in MT due to its limite 11).	d distribution (S3,	vulnerable-meanii	ng they are at risk for potentia
Oncorhynchus clarkii bouvieri	Salmonidae Trout	G5T4	S2		Sensitive - Known on Forests (CG)	SENSITIVE	SGCN2		12%	Mountain streams, rivers lakes
Yellowstone Cutthroat Trout		State Rank Rea	rences verified in son: The Yellowsto making it vulneral	one Cutthroat tro		tin, Meagher, Park, S 2" in Montana becaus	stillwater, Sweet Grass, Y se it is at risk because of	/ellowstone very limited and/o	or potentially decl	ining population numbers, rang
Oncorhynchus clarkii	Salmonidae	G5T4	S2		Sensitive - Known	SENSITIVE	SGCN2		34%	Mountain streams, rivers
lewisi	Trout				on Forests (BD, BRT, CG, HLC, KOOT, LOLO)					water the second
lewisi Westslope Cutthroat	Trout	Lewis and Clark, State Rank Read and/or habitat,	Lincoln, Madison, son: The Westslop making it vulneral	Meagher, Minera e Cutthroat trou	BRT, CG, HÌC, KOOT, LOLO) S: Beaverhead, Broadwate al, Missoula, Park, Ponder at is currently ranked "S2" in the state.	a. Powell. Ravalli. San	ders, Silver Bow, Teton, ' it is at risk due to very l	Wheatland limited and/or pot	entially declining p	Jefferson, Judith Basin, Lake, copulation numbers, range
lewisi Westslope Cutthroat Trout Oncorhynchus mykiss gairdneri	Trout Salmonidae Trout	Lewis and Clark, State Rank Rea and/or habitat, G5T4	Lincoln, Madison, son: The Westslop making it vulneral	Meagher, Minera be Cutthroat trou ble to extirpation	BRT, CG, HÌC, KOOT, LOLO) S: Beaverhead, Broadwate al, Missoula, Park, Ponder it is currently ranked "S2" in the state. Sensitive - Known on Forests (KOOT)	a. Powell. Ravalli. San	ders, Silver Bow, Teton, 1	Wheatland		Jefferson, Judith Basin, Lake, copulation numbers, range
lewisi Westslope Cutthroat Trout Oncorhynchus mykiss gairdneri	Salmonidae	Lewis and Clark, State Rank Rear and/or habitat, G5T4 Species Occurr State Rank Rear	Lincoln, Madison, son: The Westslop making it vulneral S1	Meagher, Minera de Cutthroat trou ole to extirpation these Counties River Redband tr	BRT, CG, HÌC, KOOT, LOLO) S: Beaverhead, Broadwate I, Missoula, Park, Ponder, It is currently ranked "S2" in the state. Sensitive - Known on Forests (KOOT) S: Flathead, Lincoln out is currently ranked "and the control of the con	a, Powell, Ravalli, San " in Montana because	ders, Silver Bow, Teton, ' it is at risk due to very l	Wheatland limited and/or pot 1%	entially declining p	Jefferson, Judith Basin, Lake, copulation numbers, range Mountain streams, rivers
Newisi Westslope Cutthroat Trout Oncorhynchus mykiss gairdneri Columbia River Redband Trout Percopsis omiscomaycus	Salmonidae	Lewis and Clark, State Rank Rear and/or habitat, G5T4 Species Occurr State Rank Rear	Lincoln, Madison, son: The Westslop making it vulneral S1 rences verified in son: The Columbia	Meagher, Minera de Cutthroat trou ole to extirpation these Counties River Redband tr	BRT, CG, HÌC, KOOT, LOLO) S: Beaverhead, Broadwate I, Missoula, Park, Ponder, It is currently ranked "S2" in the state. Sensitive - Known on Forests (KOOT) S: Flathead, Lincoln out is currently ranked "and the control of the con	a, Powell, Ravalli, San " in Montana because	ders, Silver Bow, Teton, ' it is at risk due to very l	Wheatland limited and/or pot 1%	entially declining p	Jefferson, Judith Basin, Lake, copulation numbers, range Mountain streams, rivers
lewisi Westslope Cutthroat Trout Oncorhynchus mykiss gairdneri Columbia River Redband Trout Percopsis	Salmonidae Trout	Lewis and Clark, State Rank Rear and/or habitat, G5T4 Species Occurr State Rank Rear declining populat G5 Species Occurr State Rank Rear declining papulat	Lincoln, Madison, son: The Westslop making it vulneral S1 rences verified ir son: The Columbia ion numbers, rang S2 rences verified ir son: The Trout-Person: The Trout-Pers	Meagher, Minera the Cutthroat trou to be to extirpation these Counties River Redband tr ge and/or habitat these Counties the Cou	BRT, CG, HÌC, KOOT, LOLO) S: Beaverhead, Broadwate Al, Missoula, Park, Ponder It is currently ranked "S2" in the state. Sensitive - Known on Forests (KOOT) S: Flathead, Lincoln rout is currently ranked ":: S: Glacier sted as an "S2" species of	a, Powell, Ravalli, San " in Montana because "S1" in Montana becau f concern in Montana	ders, Silver Bow, Teton, 'it is at risk due to very l SGON1 Ise it is at extremely high SGON2, SGIN because they are potent	Wheatland limited and/or potential with the second	antially declining page 3% on in the state due 1% cirpation in the st.	Jefferson, Judith Basin, Lake, copulation numbers, range Mountain streams, riverse to very limited and/or rapidly Deep lakes, mountain streams ate, because of limited and/or
lewisi Westslope Cutthroat Trout Oncorhynchus mykiss gairdneri Columbia River Redband Trout Percopsis omiscomaycus Trout-perch Polyodon spathula	Salmonidae Trout Percopsidae Trout-perch Polyodontidae	Lewis and Clark, State Rank Rear and/or habitat, G5T4 Species Occurr State Rank Rear declining populat G5 Species Occurr State Rank Rear declining number	Lincoln, Madison, son: The Westslop making it vulneral S1 rences verified ir son: The Columbia ion numbers, rang S2 rences verified ir son: The Trout-Person: The Trout-Pers	Meagher, Minera the Cutthroat trou to be to extirpation these Counties River Redband tr ge and/or habitat these Counties the Cou	BRT, CG, HÌC, KOOT, LOLO) S: Beaverhead, Broadwate Al, Missoula, Park, Ponder It is currently ranked "S2" in the state. Sensitive - Known on Forests (KOOT) S: Flathead, Lincoln rout is currently ranked ":: S: Glacier sted as an "S2" species of	a, Powell, Ravalli, San " in Montana because "S1" in Montana becau f concern in Montana	ders, Silver Bow, Teton, 'it is at risk due to very l SGON1 Ise it is at extremely high SGON2, SGIN because they are potent	Wheatland limited and/or potential with the second	antially declining page 3% on in the state due 1% cirpation in the st.	Jefferson, Judith Basin, Lake, copulation numbers, range Mountain streams, riverse to very limited and/or rapidly Deep lakes, mountain streams
lewisi Westslope Cutthroat Trout Oncorhynchus mykiss gairdneri Columbia River Redband Trout Percopsis omiscomaycus	Salmonidae Trout	Lewis and Clark, State Rank Rear and/or habitat, G5T4 Species Occurr State Rank Rear declining populat G5 Species Occurr State Rank Rear declining number be present G4 Species Occurr Valley, Wibaux State Rank Rear	Lincoln, Madison, son: The Westslop making it vulneral \$1 rences verified it son: The Columbiation numbers, range \$2 rences verified it son: The Trout-Pers, range and/or here \$2 rences verified it \$2 re	Meagher, Minera the Cutthroat trou ole to extirpation these Counties River Redband tr ge and/or habitat these Counties rich is currently li abitat, even thou these Counties h is currently ran	BRT, CG, HÌC, KOOT, LOLO) Seaverhead, Broadwate Al, Missoula, Park, Ponder at is currently ranked "S2" in the state. Sensitive - Known on Forests (KOOT) Flathead, Lincoln out is currently ranked "S2" in the state as an "S2" species of ugh it may be abundant in the seave as a species of ugh it may be a species of ugh it ma	a, Powell, Ravalli, San 'in Montana because 'S1" in Montana becau f concern in Montana n some areas. Limited SENSITIVE er, Dawson, Fergus, (ders, Silver Bow, Teton, 'it is at risk due to very l SGON1 SE it is at extremely high SGON2, SGIN Decause they are potent distribution may be due SGON2 Garfield, Hill, Liberty, Mc	Wheatland limited and/or potential and/or potential and/or potential and in risk of extirpation 1% tally at risk of extito the lack of same 1% cone, Petroleum, Ferroleum, Ferro	antially declining page 3% on in the state due 1% cirpation in the state pling in certain has 5% Phillips, Prairie, Ri	Jefferson, Judith Basin, Lake, population numbers, range Mountain streams, riverse to very limited and/or rapidly Deep lakes, mountain streams ate, because of limited and/or abitiats or areas where they manual control of the streams.
Nestslope Cutthroat Trout Oncorhynchus mykiss gairdneri Columbia River Redband Trout Percopsis omiscomaycus Trout-perch Polyodon spathula	Salmonidae Trout Percopsidae Trout-perch Polyodontidae	Lewis and Clark, State Rank Rear and/or habitat, G5T4 Species Occurr State Rank Rear declining populat G5 Species Occurr State Rank Rear declining number be present G4 Species Occurr Valley, Wibaux State Rank Rear making it vulners	Lincoln, Madison, son: The Westslop making it vulneral S1 rences verified in son: The Columbiation numbers, range S2 rences verified in son: The Trout-Pers, range and/or he S2 rences verified in son: The paddlefis able to global extin S3	Meagher, Minera the Cutthroat trou the to extirpation these Counties River Redband tr ge and/or habitat these Counties rich is currently li these Counties the these Counties the these Counties the these Counties the currently ran these Counties the currently ran these Counties	BRT, CG, HÌC, KOOT, LOLO) E Beaverhead, Broadwate Al, Missoula, Park, Ponder at is currently ranked "S2" in the state. Sensitive - Known on Forests (KOOT) Flathead, Lincoln out is currently ranked ": Glacier sted as an "S2" species of ugh it may be abundant in the state. Blaine, Chouteau, Custonked "S2" in Montana becation in the state.	a, Powell, Ravalli, San 'in Montana because 'S1" in Montana becau f concern in Montana n some areas. Limited SENSITIVE er, Dawson, Fergus, G ause it is at risk, because	ders, Silver Bow, Teton, 'it is at risk due to very l SGON1 SE it is at extremely high SGON2, SGIN Decause they are potent distribution may be due SGON2 Garfield, Hill, Liberty, Mc	Wheatland limited and/or potential and/or potential and/or potential and in risk of extirpation 1% tally at risk of extito the lack of same 1% cone, Petroleum, Ferroleum, Ferro	antially declining page 3% on in the state due 1% cirpation in the state pling in certain has 5% Phillips, Prairie, Ri	Jefferson, Judith Basin, Lake, copulation numbers, range Mountain streams, riverse to very limited and/or rapidly Deep lakes, mountain streams ate, because of limited and/or abitiats or areas where they make they are they make they are they make they are they are they make they are
Nestslope Cutthroat Trout Oncorhynchus mykiss gairdneri Columbia River Redband Trout Percopsis omiscomaycus Trout-perch Polyodon spathula Paddlefish	Salmonidae Trout Percopsidae Trout-perch Polyodontidae Paddlefishes Salmonidae	Lewis and Clark, State Rank Rear and/or habitat, G5T4 Species Occurr State Rank Rear declining populat G5 Species Occurr State Rank Rear declining number be present G4 Species Occurr Valley, Wibaux State Rank Rear making it vulners G5 Species Occurr State Rank Rear	Lincoln, Madison, son: The Westslop making it vulneral S1 rences verified it son: The Columbia cion numbers, rang S2 rences verified it son: The Trout-Pers, range and/or h \$2 rences verified it son: The paddlefis sole to global extin S3 rences verified it sole to global extin S3	Meagher, Minera the Cutthroat trou the to extirpation these Counties River Redband tr ge and/or habitat these Counties rich is currently liabitat, even thou these Counties h is currently ran action or extirpat these Counties thitefish is curren	BRT, CG, HÌC, KOOT, LOLO) Beaverhead, Broadwate Al, Missoula, Park, Ponder. It is currently ranked "S2" in the state. Sensitive - Known on Forests (KOOT) Flathead, Lincoln rout is currently ranked " Glacier sted as an "S2" species of ugh it may be abundant in the state. Blaine, Chouteau, Custo heed "S2" in Montana becation in the state. Flathead, Lake, Lincoln thy listed as an "S3" species of ugh it may be abundant in the state.	a, Powell, Ravalli, San 'in Montana because 'S1" in Montana becau f concern in Montana n some areas. Limited SENSITIVE er, Dawson, Fergus, (ause it is at risk, because it is at risk, because	ders, Silver Bow, Teton, it is at risk due to very list is at risk due to very list is at extremely high seats at extremely high scause they are potent distribution may be due scause of very limited and/scause	Wheatland limited and/or potentially at risk of extirpation 1% tially at risk of extito the lack of same 1% cone, Petroleum, For potentially decting 1%	an in the state due 1% irrpation in the state pling in certain has 5% Phillips, Prairie, Riining population n	Jefferson, Judith Basin, Lake, population numbers, range Mountain streams, riverse to very limited and/or rapidly Deep lakes, mountain streams ate, because of limited and/or abitiats or areas where they may be chland, Roosevelt, Rosebud, umbers, range and/or habitat, Deep mountain lakes and

Salvelinus namaycush	Salmonidae	C5	S2				SGCN2		5%	Deep mountain lakes
Lake Trout	Trout	State Rank Reas habitat, making i Cosley Lake, and	on: The Native La it vulnerable to ex ISt. Mary Lake in	ake trout is curre ctirpation in the s	ark and Lower St. Man	glacial relic in Montana	known fromnative (ne	ver-stocked) popula	tions occurring in W	umbers, range and/or /aterton Lake, Glenns Lake, the upper Missouri River
Sander canadensis	Percidae	C5	S2			SENSITIVE	SGCN2	1%	15%	Large prairie rivers
Sauger	Perches	Petroleum, Phillip State Rank Reas range and/or hal	s, Powder River, I son: The Sauger is bitat, even thoug	Prairie, Richland, currently listed a h it may be abund	Roosevelt, Rosebud, St	illwater, Teton, Treasu ncern in Montana beca ulation losses fromthe	re, Valley, Wibaux, Yel use they are at risk of reservoir sections of t	llowstone extirpation in the st	tate, because of limi	y, Mccone, Musselshell, ted and/or declining numbers, are likely permanent.
Scaphirhynchus albus	Acipenseridae	G2	S1	LE .		ENDANGERED	SGCN1	10%	1%	Large prairie rivers
Pallid Sturgeon	Sturgeons	Rosebud, Valley, State Rank Reas	Wibaux son: The Pallid Stu pal extinction or e	rgeon is currently extirpation in the	/ listed as "S1" in MT due	e to extremely limited a eon is one of the rarest	and/or rapidly declining t fishes in North Americ	g population numbers ca and was federally	s, range and/or habi listed as endangered	rairie, Richland, Roosevelt, tat, making it highly d in 1990. The Pallid Sturgeon
Thymallus arcticus Arctic Grayling	Salmonidae Trout	C5	S1		Sensitive - Known on Forests (BD)	SENSITIVE	SGCN1		5%	Mountain rivers, lakes
			on: The Arctic Gr	rayling is currently	: Beaverhead, Deer Loo y ranked "S1" in Montar			rpation in the state (due to very limited a	and/or rapidly declining

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
BEETLES										
Cicindela arenicola_	Cicindelidae	G1G2	S1S2							Open sand dunes
Saint Anthony Dune Tiger Beetle	Tiger Beetles				: Beaverhead, Madison ult of its global rarity a		occupancy of isolated s	suitable habitat in th	e Centennial Sandhills	of southwest Montana.
Microcylloepus browni Brown's Microcylloepus	Elmidae Riffle Beetles	G1	S1					100%	1%	Springs
		to alabal autimati	on or ovtirpation	in the state The	se warm-spring beetles	are generally endemic	to only a few locations	; this species is ende	emic to 1 known locat	making it highly vulneration, a warmsprings in t
	Elmidae Riffle Reetles	Bridger Creek Ca G1	nyon outside of B	ozeman.	, 3			100%	1%	Springs
Warm Spring Zaitzevian Riffle Beetle	Elmidae Riffle Beetles	G1 Species Occurr State Rank Reas to global extincti	nyon outside of Bo S1 ences verified in on: This riffle bee	ozeman. these Counties: etle is currently lis in the state. The	Gallatin	o extremely limited an	d/or rapidly declining p	opulation numbers, r	ange and/or habitat.	Springs making it highly vulnera ion, a warmsprings in th
Zaitzevia thermae WarmSpring Zaitzevian Riffle Beetle BUTTERFLIES	Elmidae Riffle Beetles	Bridger Creek Ca G1 Species Occurr State Rank Reas to global extinct Bridger Creek Ca	snyon outside of B S1 ences verified in on: This riffle bee ion or extirpation anyon outside of B	ozeman. these Counties: etle is currently lis in the state. The	Gallatin	o extremely limited an	d/or rapidly declining p	opulation numbers, r	ange and/or habitat emic to 1 known locat	making it highly vulnera ion, a warmsprings in th
WarmSpring Zaitzevian Riffle Beetle BUTTERFLIES Atrytone arogos	Riffle Beetles Hesperiidae	Bridger Creek Ca G1 Species Occurr State Rank Reas to global extincti Bridger Creek Ca	Inyon outside of Bi S1 ences verified in on: This riffle bee on or extirpation inyon outside of Bi S2S3	ozeman. I these Counties: ttle is currently lis in the state. Thes ozeman.	: Gallatin ited as "S1" in MT due t se warmspring beetles	o extremely limited an	d/or rapidly declining p to only a few locations	opulation numbers, r	ange and/or habitat.	making it highly vulnera
WarmSpring Zaitzevian Riffle Beetle BUTTERFLIES Atrytone arogos Arogos Skipper	Riffle Beetles	Bridger Creek Ca G1 Species Occurr State Rank Reas to global extincti Bridger Creek Ca G2G3 Species Occurr State Rank Reas species' persiste have assigned th	ences verified in on: This riffle bee on or extirpation anyon outside of Brances verified in on: Arogos Skippence is threatened e species a rank of	ozeman. In these Counties: etle is currently lis in the state. Thes ozeman. In these Counties: er is dependent or if for these reason	: Gallatin ted as "S1" in MT due to se warmspring beetles in native prairies and is sand more information	o extremely limited and arre generally endemic	to only a few locations g in response to loss of ibution, life history, an	opulation numbers, r ; this species is ende	ange and/or habitat, emic to 1 known locat 8% ange among other th ships. As state rank c	making it highly vulneration, a warmsprings in the Grasslands Grasslands reats. In Montana the annot exceed global rank
WarmSpring Zaitzevian Riffle Beetle BUTTERFLIES Atrytone arogos Arogos Skipper	Hesperiidae Skipper Butterflies	Bridger Creek Ca G1 Species Occurr State Rank Reas to global extincti Bridger Creek Ca G2G3 Species Occurr State Rank Reas species' persiste	ences verified in on: This riffle bee on or extirpation anyon outside of Boundary of Bound	ozeman. In these Counties: etle is currently lis in the state. Thes ozeman. In these Counties: er is dependent or if for these reason	: Gallatin ted as "S1" in MT due to se warmspring beetles in native prairies and is sand more information	o extremely limited and are generally endemic believed to be declining in seeded on its distr	to only a few locations g in response to loss of ibution, life history, an	opulation numbers, r ; this species is ende	ange and/or habitat, emic to 1 known locat 8%	making it highly vulneration, a warmsprings in the
WarmSpring Zaitzevian Riffle Beetle BUTTERFLIES Atrytone arogos Arogos Skipper	Riffle Beetles Hesperiidae Skipper Butterflies	Bridger Creek Ca G1 Species Occurr State Rank Reas to global extincti Bridger Creek Ca G2G3 Species Occurr State Rank Reas species' persiste have assigned th	ences verified in on: This riffle bee on or extirpation anyon outside of Brances verified in on: Arogos Skippence is threatened e species a rank of	ozeman. h these Counties: otle is currently lis in the state. The ozeman. h these Counties: er is dependent or of 5253, and will co	Callatin Sted as "S1" in MT due to se warmspring beetles In native prairies and is and more information antinue to refine the ra	o extremely limited and are generally endemic believed to be declining in seeded on its distr	to only a few locations g in response to loss of ibution, life history, an	opulation numbers, r ; this species is ende	ange and/or habitat, emic to 1 known locat 8% ange among other th ships. As state rank c	making it highly vulneration, a warmsprings in the Grasslands Grasslands reats. In Montana the annot exceed global rank
WarmSpring Zaitzevian Riffle Beetle BUTTERFLIES Atrytone arogos Arogos Skipper Boloria alberta Alberta Fritillary Boloria frigga	Hesperiidae Skipper Butterflies Nymphalidae Brush-footed Butterflies	Bridger Creek Ca G1 Species Occurr State Rank Reas to global extincti Bridger Creek Ca G2G3 Species Occurr State Rank Reas species' persiste have assigned th G3 Species Occurr G5	ences verified in on: This riffle bee on or extirpation anyon outside of Business verified in on: Arogos Skippence is threatened e species a rank of SZS3	ozeman. h these Counties: otle is currently lis in the state. The ozeman. h these Counties: er is dependent or of 5253, and will co	Callatin sted as "S1" in MT due to se warmspring beetles are warmspring beetles and is a sand more information antinue to refine the ra	o extremely limited and are generally endemic believed to be declining in seeded on its distr	to only a few locations g in response to loss of ibution, life history, an	opulation numbers, r ; this species is ende	ange and/or habitat, emic to 1 known locat 8% ange among other th ships. As state rank c	making it highly vulneration, a warmsprings in the Grasslands Grasslands reats. In Montana the annot exceed global rank
Warm Spring Zaitzevian Riffle Beetle	Hesperiidae Skipper Butterflies Nymphalidae Brush-footed Butterflies	Bridger Creek Ca G1 Species Occurr State Rank Reas to global extinct: Bridger Creek Ca G2G3 Species Occurr State Rank Reas species' persiste have assigned th G3 Species Occurr G5	ences verified in on: Arogos Skippence is threatened e species a rank of S2S3 ences verified in S1S2	ozerran. In these Counties: tetle is currently lis in the state. Thes ozerran. In these Counties: er is dependent or if for these reason of \$253, and will co	Callatin sted as "S1" in MT due to se warmspring beetles are warmspring beetles and is a sand more information antinue to refine the ra	o extremely limited and are generally endemic believed to be declining is needed on its distrank as more informatio	to only a few locations g in response to loss of ibution, life history, an	opulation numbers, r ; this species is ende	ange and/or habitat, emic to 1 known locat 8% ange among other thi hips. As state rank o	making it highly vulneration, a warmsprings in the Grasslands reats. In Montana the annot exceed global rani

Hesperia ottoe	Hesperiidae	G	S2S3						19%	Grasslands
Ottoe Skipper	Skipper Butterflies	Species Occurr	rences verified in	n these Counties	: Sheridan					
Polygonia progne Gray Comma	Nymphalidae Brush-footed Butterflies	G5	S2						50%	Deciduous woodland, riparian woodland, aspen parkland
		Species Occurr	rences verified in	n these Counties	: Carter, Custer, Dav	son, Fallon, Liberty, <i>I</i>	Vadison, Powder River, Ri	chland, Toole, Valle	у	
CADDISFLIES										
	Rossianidae	G1	S2					50%	5%	Forested mountain spring
Northern Rocky Mountains Refugium Caddisfly	Rossianid Caddisflies	State Rank Reas and/or habitat, streams in the Pa	making it vulneral	addisfly is current ble to extirpation	ly ranked a "S2" Specie in the state. Limited	sites with small popula		itats. This species i	is a rare, endemic	oopulation numbers, range caddisfly only found in specific
Rhyacophila alexanderi	Rhyacophilidae	G2	S2					33%	1%	Mountain / alpine stream
Alexander's Rhyacophilan Caddisfly	Primative Caddisflies	State Rank Reas	and/or habitat, m	hyacophilan Cado	lisfly is currently rank		oncern in MT and at risk b with small populations, bu	t also difficult to id		ult specimens.
Rhyacophila ebria	Rhyacophilidae	G2G3	S1					50%	1%	Alpine / Mountain stream
A Rhyacophilan Caddisfly	Primative Caddisflies	State Rank Reas		hilan Caddisfly is	currently ranked a "S1		in MT and is at high risk o nese insects are also diffic			very limited and/or potentially
Rhyacophila gemona	Rhyacophilidae	G	S2					50%	2%	Forested mountain spring
A Rhyacophilan Caddisfly	Primative Caddisflies	State Rank Reas		hilan Caddisfly is	currently ranked a "S2		in MT and at risk because populations, and the spec			clining population numbers, ult specimens.
Rhyacophila glaciera A Rhyacophilan Caddisfly	Rhyacophilidae Primative Caddisflies	G	S1					40%	2%	Alpine / Mountain stream
Rhyacophila newelli	Rhyacophilidae	and/or potential		ation numbers, ra	nge and/or habitat. L					te because of very limited ng this species without adult Alpine / Mountain stream
A Rhyacophilan Caddisfly	Primative Caddisflies	State Rank Reas and/or habitat,	making it vulneral	hilan Caddisfly is	currently ranked a "S2	" Species of Concern sites with small popula	in MT at risk because of v itions, but also difficult to	identify without a	dult specimens.	ng population numbers, range
Rhyacophila potteri	Rhyacophilidae	G	S2					50%	5%	Forested mountain springs
A Rhyacophilan Caddisfly	Primative Caddisflies	State Rank Reas	son: This Rhyacop	hilan Caddisfly is	: Beaverhead, Flathea currently ranked a "S2 pation in the state. Li	"Species of Concern	in MT and at risk because populations, and the spec	of very limited and ies is difficult to id	I/or potentially de lentify without ad	clining population numbers, ult specimens.
	Rhyacophilidae	G3G4	S2							Forested mountain spring
A Rhyacophilan Caddisfly	Primative Caddisflies	State Rank Reas	son: This Rhyacop	hilan Caddisfly is	: Flathead, Glacier currently ranked a "S2 pation in the state. Li	" Species of Concern mited sites with small	in MT and at risk because populations, and the spec	of very limited and ies is difficult to id	lentify without ad	clining population numbers, ult specimens.
Rossiana montana	Rossianidae	GZG3	S2					50%	1%	Forested mountain spring
Northern Rocky Mountains Refugium Caddisfly	Rossianid Caddisflies	State Rank Reas and/or habitat,	son: This NRMR Ca making it vulneral	addisfly is current ble to extirpation	in the state. Limited	es of Concern in MT ar sites with small popula				oopulation numbers, range caddisfly only found in specific
DAMSELFLIES										
	Coenagrionidae	C5	S1S2					6 %	2%	Wetlands
interrogatum Subarctic Bluet	Narrow-winged Damselflies	State Rank Reas making it highly found in more are	son: This damselfly vulnerable to extii	y is currently liste rpation in the sta estern portion of 1	te. This restricted ra	nge may be due to lacl	k of suitable surveys to de	etect this dragonfly	7. With more surve	ers, range and/or habitat, eys this species will likely be mited collecting contributes to
DRAGONFLIES										
	Aeshnidae	C5	S1S2					5%	21%	Forested Wetlands
Subarctic Damer	Darner Dragonflies									

aptoheptagenia ruentata	Heptageniidae Heptageniid Mayflies	G4	S2			SENSITIVE		50%	5%	Large prairie rivers
Parameletus columbiae A Mayfly	Siphlonuridae Siphlonurid Mayflies	State Rank Reas	son: This mayfly is	s currently liste			extremely limited and/or raid wetland locations with the			Wetlands and Ponds range and/or habitat, making in
	Heptageniid Mayflies	State Rank Reas and/or declining	numbers, range a	velling mayfly is o	currently listed as an	"S2" species of concern e abundant in some area	in Montana because they a as.	re potentially at ri	sk of extirpation	
Macdunnoa nipawinia A Sand-dwelling Mayfly	Heptageniidae	G	S2	İ		openies has productly to:		33%	5%	Large prairie rivers
actification askatchewanensis A Sand-dwelling Mayfly	Oligoneurid Mayflies	Species Occurr State Rank Reas	rences verified i son: This sand-dw	velling mayfly is o	ies: Dawson, Hill, Pow currently listed as "S1 tate. This large river	"Species of Concern in I	MT due to extremely limited st miles of habitat due to da	and/or rapidly de	clining population	numbers, range and/or habit.
achlania	Oligoneuriidae		son: This sand-dw		ies: Custer, Powder R currently ranked "S2"		is at risk of extirpation in t	he state due to ve	ery limited and/or	potentially declining population
Homoeoneuria alleni A Sand-dwelling Mayfly	Oligoneuriidae Oligoneurid Mayflies	G4	S2		ion Contant Double	i an Diebley I		20%	5%	Large prairie rivers
		State Rank Reas range and/or ha Refugium).	son: This Lolo may bitat. This specie	yfly is currently		na, because it is at risk		of Montana and Ic	laho (referred to	lly declining population number as the Northern Rocky Mounta
Caurinella idahoensis Lolo Mayfly	Ephemerellidae Ephemerellid Mayflies	G	S2					50%	5%	Small forested mountain streams
A Sand-dwelling Mayfly	Heptageniid Mayflies	Species Occurr State Rank Reas making it highly	rences verified in son: This sand-dw vulnerable to exti	velling mayfly is of irpation in the s	tate. This large river	"Species of Concern in a species has probably los		and/or rapidly de ms on the Milk, To nt in the Powder R	clining population ngue, Bighorn, an iver basin of Wyo	numbers, range and/or habita d Missouri Rivers. This species
WAYFLIES vnepeorus rusticus	Heptageniidae	G2	S1	T				50%	2%	Large prairie rivers
	Cubrait bi agui ities	State Rank Reas	son: This dragonf ble to extirpation	ly is currently li:	sted as an "S1" Specie		to extremely limited and/or			s, range and/or habitat, maki dbars, this habitat is lost whe
tylurus intricatus Brimstone Clubtail	Gomphidae Clubtail Dragonflies	G4	S1	<u> </u>				10%	54%	Large prairie rivers
Brush-tipped Emerald	Emerald Dragonflies	State Rank Reas	rences verified in son: This dragonf vulnerable to exti	ly is currently lis	sted as an "S1S2" Spec	ewis and Clark, Lincoln, ies of Concern in MT du	Missoula, Powell e to extremely limited and/		g population numb	ers, range and/or habitat,
omatochlora walshii	Corduliidae	G5	S1S2					5%	9%	Forested Wetlands
Boreal Whiteface	Skimmer Dragonflies	State Rank Reas it highly vulneral	son: This dragonf	ly is currently list in the state. Th	sted as an "S1" Specie his restricted range n	s of Concern in MT due t	is and Clark, Powell, Silver B to extremely limited and/or table surveys to detect this	rapidly declining p	oopulation number nore surveys this	s, range and/or habitat, makii species will likely be found in
eucorrhinia borealis	Libellulidae	C5	S1					10%	36%	Wetlands and Ponds
Western Pondhawk	Skimmer Dragonflies	State Rank Reas	son: This dragonf	ly is currently lis		ries of Concern in MT du	e to extremely limited and/ in the Tobacco Root Mounta			ers, range and/or habitat,
rythemis collocata	Libellulidae	State Rank Reas	son: This dragonf	ly is currently lis	sted as an "S1" Śpecie		to extremely limited and/or rings pond in eastern Monta		oopulation number	s, range and/or habitat, mak Wetlands
i <mark>rpetogomphus Iesignatus</mark> Eastern Ringtail	Gomphidae Clubtail Dragonflies	Species Occurr		n these Counti	ies: Blaine, Phillips			3/0	2%	Large prairie rivers, wa springs
			S1	1				5%	20/	Laura musikita it iii.

		State Rank Rea numbers, range	son: This mayfly is and/or habitat, e	currently listed ven though it may	Custer, Powder Rive as an "S2" species of co be abundant in some r basin of Wyoming (St	oncern in Montana l areas. This species	pecause they are pote is limited by intact lar	entially at risk of extirpat ge, prairie river habitat	ion in the state, o and potentially m	due to limited and/or declining ay be threatened by coal bed
SPRINGTAILS										
Oncopodura cruciata	Oncopoduridae	G1G2	S1S2					100%	1%	Caves
A Springtail	Elongate Springtails	Species Occur	rences verified i	n these Counties	: Jefferson					
STONEFLIES										
Isocapnia crinita Hooked Snowfly	Capniidae Small Winter Stoneflies	C5	S2					20%	9%	Mountain Streams to Rivers
		State Rank Rea	son: The Hooked S	Snowfly is current		ana bécause it was	thought to be at risk (due to very limited and/o led collections may warra		ning population numbers, range :his SOC rank.
Isocapnia integra Alberta Snowfly	Capniidae Small Winter Stoneflies	G4G5	S2					20%	5%	Mountain Streams to Rivers
·		State Rank Rea	ison: The Alberta's	nowfly is current	ly ranked "S2" in Monta	na because it was i	thought to be at risk o	neral, Park, Stillwater, Sw due to very limited and/o hanges may warrant re-e	r potentially decli	ning population numbers, range
Isoperla petersoni	Perlodidae	СБ	S2					10%	9%	Alpine / Mountain stream
Springs Stripetail	Perlodid Stoneflies	State Rank Rea		stripetail is curre	ntly rankéd a "S2" Spec			ery limited and/or potent dentify without adult spec		oulation numbers, range and/or
Lednia tumana Meltwater Lednian	Nemouridae Spring Stoneflies	G1G2	S1	LT				100%	1%	Alpine streams
Soliperla salish	Peltoperlidae	becoming extino		ng of the glaciers						al collections. Currently at risk of andidate species" for listing
Clearwater Roachfly	Roachlike Stoneflies	Species Occur	rences verified in		: Mineral, Sanders	posios of Consorn i	a MT at rick bossurs of			streams population numbers, range
			making it vulneral			ecies of concerni	TIMI at I ISK Decause C	i very united and/or pod	ericially decliring	population numbers, range
Soyedina potteri Northern Rocky	Nemouridae Spring Stoneflies	G2	S2					33%	5%	Small forested mountain streams
Mountains Refúgium Stonefly		State Rank Rea	son: The NRWR sto	onefly is currently	: Flathead, Glacier, M ranked "S2" in Montar in the state. This spe	na because it is tho	ught to be at risk due		tentially declining	g population numbers, range
Utacapnia columbiana Columbian Snowfly	Capniidae Small Winter Stoneflies	G5	S2					20%	2%	Mountain Streams to Rivers
		State Rank Rea		in Snowfly is curre		ntana because it w	as thought to be at ris	sk due to very limited and	/or potentially de	eclining population numbers,
Zapada cordillera	Nemouridae	G	S2					33%	17%	Alpine / Mountain stream
Cordilleran Forestfly	Spring Stoneflies	State Rank Rea	son: The Cordiller abitat, making it v	an stonefly is cur		ontana because it i				clining population numbers, be disjunct glacial refugium
Zapada glacier	Nemouridae	G1	S1	LT				40%	1%	Alpine streams
Western Glacier Stonefly	Spring Stoneflies	State Rank Rea	nson: The Western and/or habitat, m	Glacier stonefly i		" in Montana becau		at high risk due to very li arly vulnerable due to it's		entially declining population nabitat and cold water

INVERTEBRATES - MOLLUSKS 31 SPECIES

SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWPSWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANCE	HABITAT
Acroloxus coloradensis	Acroloxidae	G3G4	S1	G. 115	G. 5	2211	1111 51174	20%	1%	High Elevation Lakes
Rocky Mountain Capshell	Capshells	Species Occurr State Rank Reas	rences verified in son: Due to this re	estricted distribu	: Flathead, Glacier Ition and only a fewkno ted and/or potentially o			the MT Species of Co		cally imperiled. It is at high
Colligyrus greggi Rocky Mountain	Hydrobiidae Amicolas / Duskysnails	G4	S1					20%	5%	Springs, cold mountain streams
Duskýsnail	,	State Rank Reas	son: Due to this re	estricted distribu	:: Mineral, Sanders ution and few known occ ccurrences known despi					ally imperiled and extremely ng-influenced habitats.
Cryptomastix sanburni Kingston Oregonian	Polygyridae Oregonians / Forest	G	S1							Mesic/moist conifer forests
	Snails	Species Occurr	ences verified ir	these Counties	: Missoula					
Discus brunsoni Lake Disc	Discidae Discs	G1	S1					100%	1%	Talus, mesic conifer forests
		Species Occurr	ences verified in	these Counties	: Lake					
Discus shimekii Striate Disc	Discidae Discs	C5	S1					5%	36%	Aspen, mesic/moist conifer woodlands
		Species Occurr	ences verified in	these Counties	: Carbon, Gallatin, Gran	ite, Hill, Lake, Lincolr	n, Madison, Meagher, P	ark, Powell, Sweet Gr	ass	
Fisherola nuttalli	Lymnaeidae	G2	S1					0%	0%	Large Mountain Rivers
Shortface Lanx	Fossarias / Pondsnails / Lanxs	State Rank Reas	rences verified in son: Based on repostence of the popu	eated surveys of	:: Sanders historic habitat this spe / damning of the Clark F	ecies appears to be do ork River.	eclining precipitously a	nd is at great risk of	extirpation within M	
- Haplotrema	Haplotrematidae	G5	S1S2	ĺ			1	5%	1%	Moist conifer forests
vancouverense Robust Lancetooth	Lancetooths	Species Occurr	ences verified in	these Counties	: Lincoln, Sanders					
Hemphillia camelus Pale Jumping-slug	Arionidae Arionid Slugs	G4	S1S2						2%	Mesic/moist conifer forests
		Species Occurr	ences verified ir	these Counties	: Lincoln, Mineral, Misso	oula, Sanders				
Hemphillia danielsi Marbled Jumping-slug	Arionidae Arionid Slugs	G	S1S2					80%	2%	Mesic/moist conifer forests
		Species Occurr	ences verified in	these Counties	: Mineral, Missoula, Rav	alli				
Hemphillia skadei	Arionidae	GNR	S1S2							
Skade's Jumping-slug	Arionid Slugs	State Rank Reas operational three well as the analys species we have	ats including clima sis of the genetics decreased the rai	My separated by te change, fire, a and morphology nk as the species	genetic and morphologic and forest management of previously collected v	practices. Further in voucher specimens. The oution and may face t	nformation is needed to he species has a Raw Si threats to its persisten	refine the status ra tatus Rank 2.5 (S3), b	nk which may be deri out after review of th	ends, and the impacts of yed fromfurther surveys as he limited information on the tion on this species we have
Kootenaja burkei	Arionidae	G	S1S2					50%	4%	Moist conifer forests
Pygmy Slug	Arionid Slugs	<u> </u>		these Counties	: Lincoln, Mineral, Sando	ers				
Magnipelta mycophaga MagnumMantleslug	Arionidae Arionid Slugs	G	S2S3					33%	7%	Mesic/moist conifer forests
		Species Occurr		these Counties	: Flathead, Granite, Lin					
Wargaritifera falcata Western Pearlshell	Margaritiferidae Margaritiferid Mussels	G 5	S2		Sensitive - Known on Forests (BD, BRT, CG, HLC, KOOT, LOLO)	SENSITIVE	SGONZ	10%	26%	Mountain streams, rivers
		Missoula, Powell, State Rank Reas and/or habitat, individuals; popu	Ravalli, Sanders, S son: The Western making it vulneral lations showing re	Silver Bow Pearlshell is curro De to extirpation Opeated reproduc	in the state. This speci	ies of Concern in MT a es is widespread in ge e classes) are now th	and is at risk because o eographic area, but is o ne exception rather tha	of very limited and/or declining in terms of a an the rule. Montana	potentially declining area occupied and th	i, Madison, Meagher, , population numbers, range e number of sites with viable "excellent" viable population

Orosholiv alpina	1		C4					4000/	40/	Lineart en a talena alaina
Oreohelix alpina	Oreohelicidae	G2	S1					100%	1%	Limestone talus, alpine
Alpine Mountainsnail	Mountain Snails	Species Occurr	rences verified i	n these Counties:	Lake, Lewis and Clark	k, Missoula, Powell				
Oreohelix amariradix	Oreohelicidae	G1G2	S1S2					100%	1%	Talus, dry conifer forests
Bitterroot Mountainsnail	Mountain Snails	Species Occurr	rences verified i	n these Counties:	Missoula					
Oreohelix carinifera Keeled Mountainsnail	Oreohelicidae Mountain Snails	G1	S1					100%	1%	Limestone, dry conifer forests
		Species Occurr	rences verified i	n these Counties:	Granite, Missoula, Po	well				
Oreohelix elrodi Carinate Mountainsnail	Oreohelicidae Mountain Snails	G2	S1					100%	1%	Talus, mixed mesic conifer forests
		Species Occuri	rences verified i	n these Counties:	Lake, Lewis and Clark	<				
Oreohelix haydeni Lyrate Mountainsnail	Oreohelicidae Mountain Snails	G2	S1S3							Limestone, dry conifer forests
		Species Occurr	rences verified i	n these Counties:	Granite, Mineral, Miss	soula				
Oreohelix pygmaea Pygmy Mountainsnail	Oreohelicidae Mountain Snails	G2	S1							Limestone, dry conifer forests
		•		n these Counties:	Big Horn, Carbon					
Oreohelix strigosa	Oreohelicidae	G5T2	S1S2					67%	1%	Limestone talus
berryi Berry's Mountainsnail	Mountain Snails	Species Occurr	rences verified i	n these Counties:	Broadwater, Carbon,	Fergus, Golden Valley	, Meagher, Park			
Oreohelix yavapai mariae	Oreohelicidae Mountain Snails	G5T1	S1					100%	1%	Limestone talus, dry conifer woodland
Gallatin Mountainsnail		Species Occurr	rences verified i	n these Counties:	Gallatin		'			<u>'</u>
Physa megalochlamys	Physidae	G3G4	S1					5%	1%	Wetlands / lakes with emergent veg
Large-mantle Physa	Physas									
Large-mantle Physa	Physas	State Rank Rea	son: Due to this r	n these Counties: estricted distribut cause of very limit	ion and only a few kno	own occurrences, this declining population r	species was placed on thumbers, range and/or ha	ne MT Species of Cor bitat.	ncern list as S1, c	ritically imperiled. It is at high
Large-mantle Physa		State Rank Rea	son: Due to this r	estricted distribut	ion and only a few kno	own occurrences, this declining population r	species was placed on thumbers, range and/or ha	ne MT Species of Cor bitat. 75 %	ncern list as S1, c	ritically imperiled. It is at high Moist conifer forests
Large-mintle Physa		State Rank Readerisk of extirpation	son: Due to this r on in the state be S1S2	estricted distribut cause of very limit	ion and only a few kno ed and/or potentially	declining population r	species was placed on the umbers, range and/or ha	bitat.		
Large-mantle Physa Polygyrella polygyrella Humped Coin	Megomphicidae	State Rank Readerisk of extirpation	son: Due to this r on in the state be S1S2	estricted distribut cause of very limit	ion and only a few kno	declining population r	species was placed on th umbers, range and/or ha	bitat.		
Polygyrella polygyrella Humped Coin Pristiloma idahoense	Megomphicidae Coins Zonitidae	State Rank Rearisk of extirpation G3 Species Occurr G3	son: Due to this ron in the state be S1S2 rences verified i	estricted distribut cause of very limit	ion and only a few kno ed and/or potentially Mineral, Ravalli, Sand	declining population r	species was placed on th umbers, range and/or ha	bitat.		Moist conifer forests Mesic/moist conifer
Polygyrella polygyrella Humped Coin Pristiloma idahoense Thinlip Tightcoil	Megomphicidae Coins Zonitidae	State Rank Rearisk of extirpation G3 Species Occurr G3	son: Due to this ron in the state be S1S2 rences verified i	estricted distribut cause of very limit n these Counties:	ion and only a few kno ed and/or potentially Mineral, Ravalli, Sand	declining population r	species was placed on th umbers, range and/or ha	bitat.		Moist conifer forests Mesic/moist conifer
Polygyrella polygyrella Humped Coin Pristiloma idahoense Thinlip Tightcoil	Megomphicidae Coins Zonitidae Gems / Glasses / Glosses Zonitidae	State Rank Rearisk of extirpation G3 Species Occurr G3 Species Occurr G3 Species Occurr	son: Due to this ron in the state be S1S2 rences verified i S1S3 rences verified i S1S3	estricted distribut cause of very limit in these Counties: in these Counties:	ion and only a few kno ed and/or potentially Mineral, Ravalli, Sand	declining population r	unbers, range and/or ha	bitat.		Moist conifer forests Mesic/moist conifer forests Mesic/moist conifer
Polygyrella polygyrella Humped Coin Pristiloma idahoense Thinlip Tightcoil Pristiloma wascoense Shiny Tightcoil	Megomphicidae Coins Zonitidae Gems / Glasses / Glosses Zonitidae	State Rank Rearisk of extirpation G3 Species Occurr G3 Species Occurr G3G4 Species Occurr G5	son: Due to this ron in the state be S1S2 rences verified i S1S3 rences verified i S1S3 rences verified i S1S3 rences verified i S1S2	estricted distribut cause of very limit n these Counties: n these Counties: n these Counties:	cion and only a few kno ed and/or potentially Mineral, Ravalli, Sand Ravalli Deer Lodge, Flatheac	declining population r	unbers, range and/or ha	bitat.		Moist conifer forests Mesic/moist conifer forests Mesic/moist conifer
Polygyrella polygyrella Humped Coin Pristiloma idahoense Thinlip Tightcoil Pristiloma wascoense Shiny Tightcoil Prophysaon andersoni	Megomphicidae Coins Zonitidae Gems / Glasses / Glosses Zonitidae Gems / Glasses / Glosses Arionidae	State Rank Rearisk of extirpation G3 Species Occurr G3 Species Occurr G3G4 Species Occurr G5 Species Occurr	son: Due to this ron in the state be S1S2 rences verified i S1S3 rences verified i S1S3 rences verified i S1S3 rences verified i	estricted distribut cause of very limit n these Counties: n these Counties: n these Counties:	ion and only a few kno ed and/or potentially Mineral, Ravalli, Sand Ravalli	declining population r	unbers, range and/or ha	75%	1%	Moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer
Polygyrella polygyrella Humped Coin Pristiloma idahoense Thinlip Tightcoil Pristiloma wascoense Shiny Tightcoil Prophysaon andersoni Reticulate Taildropper	Megomphicidae Coins Zonitidae Gems / Glasses / Glosses Zonitidae Gems / Glasses / Glosses Arionidae	State Rank Rearisk of extirpation G3 Species Occurring G3 Species Occurring G3G4 Species Occurring G5 Species Occurring G5 Species Occurring G3	son: Due to this ron in the state be S1S2 rences verified i S1S3 rences verified i S1S3 rences verified i S1S2 rences verified i S1S2 rences verified i S2S3	estricted distribut cause of very limit n these Counties: n these Counties: n these Counties: n these Counties:	cion and only a few kno ed and/or potentially Mineral, Ravalli, Sand Ravalli Deer Lodge, Flatheac Flathead, Sanders	declining population r	umbers, range and/or ha	bitat.	1%	Moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer
Polygyrella polygyrella Humped Coin Pristiloma idahoense Thinlip Tightcoil Pristiloma wascoense Shiny Tightcoil Prophysaon andersoni Reticulate Taildropper Prophysaon humile	Megomphicidae Coins Zonitidae Gems / Glasses / Glosses Zonitidae Gems / Glasses / Glosses Arionidae Arionid Slugs Arionidae Arionid Slugs	State Rank Rearisk of extirpation G3 Species Occurring G3 Species Occurring G3G4 Species Occurring G5 Species Occurring G3	son: Due to this ron in the state be S1S2 rences verified i S1S3 rences verified i S1S3 rences verified i S1S2 rences verified i S1S2 rences verified i S2S3 rences verified i	estricted distribut cause of very limit n these Counties: n these Counties: n these Counties: n these Counties:	cion and only a few kno ed and/or potentially Mineral, Ravalli, Sand Ravalli Deer Lodge, Flatheac	declining population r	umbers, range and/or ha	75% 50%	1%	Moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests
Polygyrella polygyrella Humped Coin Pristiloma idahoense Thinlip Tightcoil Pristiloma wascoense Shiny Tightcoil Prophysaon andersoni Reticulate Taildropper Prophysaon humile Smoky Taildropper	Megomphicidae Coins Zonitidae Gems / Glasses / Glosses Zonitidae Gems / Glasses / Glosses Arionidae Arionid Slugs Arionidae Arionid Slugs Hydrobiidae	State Rank Rearisk of extirpation G3 Species Occurring G3 Species Occurring G5 Species Occurring G5 Species Occurring G3 Species Occurring G3 Species Occurring G3 Species Occurring G3	son: Due to this ron in the state be S1S2 rences verified i S1S3 rences verified i S1S3 rences verified i S1S2 rences verified i S1S2 rences verified i S2S3 rences verified i S1S3	estricted distribut cause of very limit n these Counties: n these Counties: n these Counties: n these Counties:	cion and only a few kno ed and/or potentially Mineral, Ravalli, Sand Ravalli Deer Lodge, Flathead Flathead, Sanders	declining population r	umbers, range and/or ha	75%	1%	Moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests
Polygyrella polygyrella Humped Coin Pristiloma idahoense Thinlip Tightcoil Pristiloma wascoense Shiny Tightcoil Prophysaon andersoni Reticulate Taildropper Prophysaon humile Smoky Taildropper	Megomphicidae Coins Zonitidae Gems / Glasses / Glosses Zonitidae Gems / Glasses / Glosses Arionidae Arionid Slugs Arionidae Arionid Slugs	State Rank Rearisk of extirpation G3 Species Occurring G3 Species Occurring G3 Species Occurring G5 Species Occurring G3 Species Occurring G3 Species Occurring G1	son: Due to this ron in the state be S1S2 rences verified i S1S3 rences verified i S1S3 rences verified i S1S2 rences verified i S1S2 rences verified i S1S2 rences verified i S2S3 rences verified i	estricted distribut cause of very limit n these Counties: estricted distribut	ion and only a few kno ed and/or potentially Mineral, Ravalli, Sand Ravalli Deer Lodge, Flathead Flathead, Sanders Flathead, Lake, Linco Broadwater	declining population r ers d, Glacier, Granite, La	wribers, range and/or ha	50%	1% 1% 12%	Moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests
Polygyrella polygyrella Humped Coin Pristiloma idahoense Thinlip Tightcoil Pristiloma wascoense Shiny Tightcoil Prophysaon andersoni Reticulate Taildropper Prophysaon humile Smoky Taildropper Pyrgulopsis bedfordensis Bedford Springsnail	Megomphicidae Coins Zonitidae Gems / Glasses / Glosses Zonitidae Gems / Glasses / Glosses Arionidae Arionid Slugs Arionidae Arionid Slugs Hydrobiidae Armicolas / Duskysnails	State Rank Rearisk of extirpation G3 Species Occurring G3 Species Occurring G3 Species Occurring G5 Species Occurring G3 Species Occurring G3 Species Occurring G1	son: Due to this ron in the state be S152 rences verified i S153 rences verified i S153 rences verified i S152 rences verified i S152 rences verified i S253 rences verified i S253 rences verified i S05: Due to this rences verified i son: Due to this r	estricted distribut cause of very limit n these Counties: estricted distribut	ion and only a few kno ed and/or potentially Mineral, Ravalli, Sand Ravalli Deer Lodge, Flathead Flathead, Sanders Flathead, Lake, Linco Broadwater	declining population r ers d, Glacier, Granite, La	wribers, range and/or ha	50%	1% 1% 12%	Moist conifer forests Mesic/moist conifer forests Springs d placed on the MT Species of
Polygyrella polygyrella Humped Coin Pristiloma idahoense Thinlip Tightcoil Pristiloma wascoense Shiny Tightcoil Prophysaon andersoni Reticulate Taildropper Prophysaon humile Smoky Taildropper Pyrgulopsis bedfordensis Bedford Springsnail	Megomphicidae Coins Zonitidae Gems / Glasses / Glosses Zonitidae Gems / Glasses / Glosses Arionidae Arionid Slugs Arionidae Arionid Slugs Hydrobiidae	State Rank Rearisk of extirpation G3 Species Occurre G3 Species Occurre G3G4 Species Occurre G5 Species Occurre G3 Species Occurre G3 Species Occurre G1 Species Occurre G1 Species Occurre G1 Species Occurre State Rank Rearisk Rear	son: Due to this ron in the state be S152 rences verified i S153 rences verified i S153 rences verified i S152 rences verified i S152 rences verified i S253 rences verified i S152 rences verified i S152 rences verified i S153 rences verified i S153 rences verified i S151 rences verified i	estricted distribut cause of very limit n these Counties: estricted distribut illed n these Counties: estricted distribut estricted distribut	ion and only a few knoed and/or potentially Mineral, Ravalli, Sand Ravalli Deer Lodge, Flatheac Flathead, Sanders Flathead, Lake, Linco Broadwater ion and only known oc Madison	declining population r ers d, Glacier, Granite, La oln, Mineral, Missoula,	ke, Lincoln, Mineral Ravalli, Sanders s was given a conservati	50% 100% on status rank, G1 (1% 1% 12% 19% (Globally Rare) and	Moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Springs
Polygyrella polygyrella Humped Coin Pristiloma idahoense Thinlip Tightcoil Prophysaon andersoni Reticulate Taildropper Prophysaon humile Smoky Taildropper Pyrgulopsis bedford densis Bedford Springsnail Pyrgulopsis blainica Blaine Pyrg	Megomphicidae Coins Zonitidae Cens / Glasses / Glosses Zonitidae Cens / Glasses / Glosses Arionidae Arionid Slugs Arionidae Arionid Slugs Hydrobiidae Armicolas / Duskysnails Arionidae Armicolas / Duskysnails	State Rank Rearisk of extirpation G3 Species Occurre G3 Species Occurre G3G4 Species Occurre G5 Species Occurre G3 Species Occurre G3 Species Occurre G1 Species Occurre G1 Species Occurre G1 Species Occurre State Rank Rearisk Rear	son: Due to this ron in the state be S152 rences verified i S153 rences verified i S153 rences verified i S152 rences verified i S152 rences verified i S253 rences verified i S253 rences verified i S1, critically imper S1, critically imper	estricted distribut cause of very limit n these Counties: estricted distribut illed n these Counties: estricted distribut estricted distribut	ion and only a few knoed and/or potentially Mineral, Ravalli, Sand Ravalli Deer Lodge, Flatheac Flathead, Sanders Flathead, Lake, Linco Broadwater ion and only known oc Madison	declining population r ers d, Glacier, Granite, La oln, Mineral, Missoula,	ke, Lincoln, Mineral Ravalli, Sanders s was given a conservati	50% 100% on status rank, G1 (1% 1% 12% 19% (Globally Rare) and	Moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Mesic/moist conifer forests Springs d placed on the MT Species of Springs
Polygyrella polygyrella Hunped Coin Pristiloma idahoense Thinlip Tightcoil Pristiloma wascoense Shiny Tightcoil Prophysaon andersoni Reticulate Taildropper Prophysaon humile Smoky Taildropper	Megomphicidae Coins Zonitidae Gems / Glasses / Glosses Zonitidae Gems / Glasses / Glosses Arionidae Arionid Slugs Arionidae Arionid Slugs Hydrobiidae Armicolas / Duskysnails Hydrobiidae Armicolas / Duskysnails	State Rank Rearisk of extirpation G3 Species Occurring G3 Species Occurring G3 Species Occurring G5 Species Occurring G3 Species Occurring G1 Species Occurr	son: Due to this ron in the state be S152 rences verified i S153 rences verified i S153 rences verified i S152 rences verified i S152 rences verified i S253 rences verified i S152 rences verified i S1, critically imper S1, critically imper S1, critically imper S1, critically imper	estricted distribut cause of very limit in these Counties: In the counties	ion and only a few knoed and/or potentially Mineral, Ravalli, Sand Ravalli Deer Lodge, Flatheac Flathead, Sanders Flathead, Lake, Linco Broadwater ion and only known oc Madison	declining population r ers ers d, Glacier, Granite, La bln, Mineral, Missoula, courrence, this specie	ke, Lincoln, Mineral Ravalli, Sanders s was given a conservati	50% 100% on status rank, G1 (1% 1% 1% 12% 1% (Globally Rare) and	Moist conifer forests Mesic/moist conifer forests Springs d placed on the MT Species of Springs d placed on the MT Species of Mesic/moist conifer

SCIENTIFIC NAME										13 SPECIES
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 RANCE	HABITAT
ARACHNIDS										
Sclerobunus cavicolens	Triaenonychidae	G1G2	S1S2					100%	1%	Caves
A Cave Obligate Harvestman		Species Occurr	ences verified ir	n these Counties	: Jefferson, Madison					
CRUSTACEANS										
Salmasellus	Asellidae _	G2G3	S1S2					70%	1%	Cave springs
steganothrix A Cave Obligate Isopod	Pill / Sow Bugs	State Rank Reas	vulnerable to globa	anean Cave Obliga al extinction or ex	te Isopod is currently ctirpation in the state	. These subterranean is		demic to only a few l	ocations; this one ha	ers, range and/or habitat, wing only been reported in n Flathead County.
Stygobromus glacialis Glacier Amphipod	Crangonyctidae Garmarid Amphipods	G1	S1S2					100%	1%	Subterranean Aquatic Ecosystems
		State Rank Reas	son: This Subterra	anean Amphipod is	: Flathead, Glacier currently listed as "S1 in the state. These su	S2" in MT due to extrer bterranean amphipods	mely limited and/or rapional are generally endemic t	dly declining populat o a few locations.	ion numbers, range a	and/or habitat, making it
Stygobromus montanensis	Crangonyctidae Garmarid Amphipods	G1G2	S1S2					100%	1%	Subterranean Aquatic Ecosystems
A Subterranean Amphipod		State Rank Reas	rences verified in son: This Subterra to global extincti	anean Amphipod is	currently listed as "S1	S2" in MT due to extrer bterranean amphipods	mely limited and/or rapi are generally endemic t	dly declining populat o a few locations.	ion numbers, range a	and/or habitat, making it
Stygobromus obscurus A Subterranean	Crangonyctidae Garmarid Amphipods	G1G2	S1S2					100%	1%	Subterranean Aquatic Ecosystems
Amphipod		State Rank Reas	rences verified in son: This Subterra to global extincti	anean Amphipod is	currently listed as "S1	S2" in MT due to extre bterranean amphipods	mely limited and/or rapional are generally endemic t	dly declining populat o a few locations.	ion numbers, range a	and/or habitat, making it
Stygobromus puteanus A Subterranean	Crangonyctidae Garmarid Amphipods	G1G2	S1S2					100%	1%	Subterranean Aquatic Ecosystems
Amphipod		State Rank Reas	on: This Subterra	anean Amphipod is	: Broadwater, Gallatin		moly limited and for rapi	dly declining populat:		
		highly vulnerable	to global extincti	on or extirpation	in the state. These su	S2" in M1 due to extrei bterranean amphipods	are generally endemic t	o a few locations.	ion numbers, range a	and/or habitat, making it
Stygobromus tritus A Subterranean	Crangonyctidae Gammarid Amphipods	highly vulnerable G1G2	to global extincti	on or extirpation	in the state. These su	SZ" in M1 due to extrei bterranean amphipods	are generally endemic t	o a few locations.	ion numbers, range a	
Stygobromus tritus A Subterranean Amphipod	Crangonyctidae Gammarid Amphipods	G1G2 Species Occurr State Rank Reas	S1S2 rences verified in son: This Subterra	n these Counties anean Amphipod is	in the state. These su Missoula, Ravalli currently listed as "S1	bterranean amphipods S2" in MT due to extrei	are generally endemic t	o a few locations. 100% dly declining populat	1%	Subterranean Aquatic
A Subterranean	Crangonyctidae Gammarid Amphipods	G1G2 Species Occurr State Rank Reas	S1S2 rences verified in son: This Subterra	n these Counties anean Amphipod is	in the state. These su Missoula, Ravalli currently listed as "S1	bterranean amphipods S2" in MT due to extrei	are generally endemic t	o a few locations. 100% dly declining populat	1%	Subterranean Aquatic Ecosystems
A Subterranean Amphipod FRESHWATER SPONCES Ephydatia cooperensis	Gammarid Amphipods Spongillidae	G1G2 Species Occurr State Rank Reas	S1S2 rences verified in son: This Subterra	n these Counties anean Amphipod is	in the state. These su Missoula, Ravalli currently listed as "S1	bterranean amphipods S2" in MT due to extrei	are generally endemic t	o a few locations. 100% dly declining populat	1%	Subterranean Aquatic Ecosystems
A Subterranean Amphipod	Gammarid Amphipods	G1G2 Species Occurr State Rank Reachighly vulnerable G1G3 Species Occurr State Rank Reac	sto global extincti S1S2 rences verified ir son: This Subterrato global extincti S1S3 rences verified ir son: This Freshwa	n these Counties anean Amphipod is on or extirpation in these Counties ter Sponge is curi	in the state. These su Missoula, Ravalli currently listed as "S1 in the state. These su Missoula, Powell rently ranked a "S1S3"	S2" in MT due to extrepterranean amphipods sterranean amphipods Species of Concern in N	are generally endemic t	o a few locations. 100% Ally declining populate o a few locations. 100% e of very limited and	1% ion numbers, range a 1%	Subterranean Aquatic Ecosystems and/or habitat, making it
A Subterranean Amphipod FRESHWATER SPONCES Ephydatia cooperensis	Gammarid Amphipods Spongillidae	G1G2 Species Occurr State Rank Reachighly vulnerable G1G3 Species Occurr State Rank Reac	sto global extincti S1S2 rences verified ir son: This Subterrato global extincti S1S3 rences verified ir son: This Freshwa	n these Counties anean Amphipod is on or extirpation in these Counties ter Sponge is curi	in the state. These su Missoula, Ravalli currently listed as "S1 in the state. These su Missoula, Powell rently ranked a "S1S3"	S2" in MT due to extrepterranean amphipods sterranean amphipods Species of Concern in N	are generally endemic to the second of the s	o a few locations. 100% Ally declining populate o a few locations. 100% e of very limited and	1% ion numbers, range a 1%	Subterranean Aquatic Ecosystems and/or habitat, making it Lakes
A Subterranean Amphipod FRESHWATER SPONCES Ephydatia cooperensis A Freshwater Sponge MILLIPEDES	Gammarid Amphipods Spongillidae	G1G2 Species Occurr State Rank Reachighly vulnerable G1G3 Species Occurr State Rank Reac	sto global extincti S1S2 rences verified ir son: This Subterrato global extincti S1S3 rences verified ir son: This Freshwa	n these Counties anean Amphipod is on or extirpation in these Counties ter Sponge is curi	in the state. These su Missoula, Ravalli currently listed as "S1 in the state. These su Missoula, Powell rently ranked a "S1S3"	S2" in MT due to extrepterranean amphipods sterranean amphipods Species of Concern in N	are generally endemic to the second of the s	o a few locations. 100% Ally declining populate o a few locations. 100% e of very limited and	1% ion numbers, range a 1%	Subterranean Aquatic Ecosystems and/or habitat, making it Lakes ning population numbers,
A Subterranean Amphipod FRESHWATER SPONCES Ephydatia cooperensis A Freshwater Sponge MILLIPEDES Adrityla cucullata	Spongillidae Freshwater Sponges Adritylidae Adritylidae Adritylid Millipedes	G1G2 Species Occurr State Rank Reachighly vulnerable G1G3 Species Occurr State Rank Reacrange and/or ha G1G3 Species Occurr	ences verified ir son: This Subterra to global extincti S1S3 ences verified ir son: This Freshwa bitat, making it v	n these Counties anean Amphipod is on or extirpation these Counties ter Sponge is curr ulnerable to extirp	in the state. These su : Missoula, Ravalli currently listed as "S1 in the state. These su : Missoula, Powell rently ranked a "S1S3" pation in the state. Kn	S2" in MT due to extrepterranean amphipods sterranean amphipods Species of Concern in N	are generally endemic to the second of the s	o a few locations. 100% Ally declining populate o a few locations. 100% e of very limited and	1% ion numbers, range a 1%	Subterranean Aquatic Ecosystems and/or habitat, making it Lakes ning population numbers, Dry mixed conifer fores clearings
A Subterranean Amphipod FRESHWATER SPONCES Ephydatia cooperensis A Freshwater Sponge MILLIPEDES Adrityla cucullata A Millipede Austrotyla montani	Spongillidae Freshwater Sponges Adritylidae Adritylidae Adritylid Millipedes	G1G2 Species Occurr State Rank Reachighly vulnerable G1G3 Species Occurr State Rank Reacrange and/or ha G1G3 Species Occurr G1G3	ences verified ir son: This Subterra to global extincti S1S3 ences verified ir son: This Freshwa bitat, making it vu S1S3 ences verified ir son: S1S3	n these Counties anean Amphipod is on or extirpation these Counties ter Sponge is curi ulnerable to extirp	in the state. These su Missoula, Ravalli currently listed as "S1 in the state. These su Missoula, Powell rently ranked a "S153" bation in the state. Kr	S2" in MT due to extrepterranean amphipods sterranean amphipods Species of Concern in N	are generally endemic to the second of the s	o a few locations. 100% Ally declining populate o a few locations. 100% e of very limited and	1% ion numbers, range a 1%	Subterranean Aquatic Ecosystems and/or habitat, making it Lakes along population numbers, Dry mixed conifer fores
A Subterranean Amphipod FRESHWATER SPONGES Ephydatia cooperensis A Freshwater Sponge MILLIPEDES Adrityla cucullata A Millipede Austrotyla montani A Millipede	Spongillidae Freshwater Sponges Adritylidae	G1G2 Species Occurr State Rank Reachighly vulnerable G1G3 Species Occurr State Rank Reacrange and/or ha G1G3 Species Occurr G1G3	ences verified ir son: This Subterra to global extincti S1S3 ences verified ir son: This Freshwa bitat, making it v	n these Counties anean Amphipod is on or extirpation these Counties ter Sponge is curi ulnerable to extirp	in the state. These su Missoula, Ravalli currently listed as "S1 in the state. These su Missoula, Powell rently ranked a "S153" bation in the state. Kr	S2" in MT due to extrepterranean amphipods sterranean amphipods Species of Concern in N	are generally endemic to the second of the s	o a few locations. 100% Ally declining populate o a few locations. 100% e of very limited and	1% ion numbers, range a 1%	Subterranean Aquatic Ecosystems and/or habitat, making it Lakes ning population numbers, Dry mixed conifer fores clearings
A Subterranean Amphipod FRESHWATER SPONCES Ephydatia cooperensis A Freshwater Sponge MILLIPEDES Adrityla cucullata A Millipede Austrotyla montani	Spongillidae Freshwater Sponges Adritylidae Adritylidae Adritylid Millipedes	G1G2 Species Occurr State Rank Reachighly vulnerable G1G3 Species Occurr State Rank Reacrange and/or ha G1G3 Species Occurr G1G3	ences verified ir son: This Subterra to global extincti S1S3 ences verified ir son: This Freshwa bitat, making it vu S1S3 ences verified ir son: S1S3	n these Counties anean Amphipod is on or extirpation these Counties ter Sponge is curi ulnerable to extirp	in the state. These su Missoula, Ravalli currently listed as "S1 in the state. These su Missoula, Powell rently ranked a "S153" bation in the state. Kr	S2" in MT due to extrepterranean amphipods sterranean amphipods Species of Concern in N	are generally endemic to the second of the s	o a few locations. 100% Ally declining populate o a few locations. 100% e of very limited and	1% ion numbers, range a 1%	Subterranean Aquatic Ecosystems and/or habitat, making it Lakes ning population numbers, Dry mixed conifer fores clearings

Orthogmus oculat		G1G3	S1S3					Mixed conifer forests
A Millipede	Conotylid Millipedes	Species Occurr	ences verified ir	these Counties:	Sanders			
Taiyutyla curvata A Millipede	Conotylidae Conotylid Millipedes	G1G3	S1S3					Moist mixed conifer forests
		Species Occurr	ences verified ir	these Counties:	Lincoln			

Potential Species of Concern 95 Species All Records (no filtering)

MAMMALS (MAM	MALIA)									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	Species Occurr State Rank Reas				data to assess the cons	ervation status in Mor	itana are not availab	le, and further surv	eys are needed.
Erethizon dorsatum	Erethizontidae	G5	S4				SGIN	3%	100%	Mixed forest
Porcupine	Porcupines	Species Occurr State Rank Reas west of the Cont of the state.	on: Although com	monly observed a	nd presumably secure	in eastern Montana, thi nd there is considerable	is species has undergo uncertainty what effe	ne significant and po act this will have on t	ssibly catastrophic of the persistence of the	declines in conifer forests he species within this region
Lasionycteris	Vespertilionidae	G3G4	S4					4%	100%	Riparian and forest
noctivagans Silver-haired Bat	Bats	Species Occurr	ences verified in	these Counties	•		•	•		
Lepus californicus	Leporidae	G5	SNR				SGIN	1%	3%	Sagebrush grassland
Black-tailed Jack Rabbit	Rabbits		ences verified ir on: This species h			are available to assess	the conservation statu	us in Montana.		
Marmota caligata	Sciuridae	C5	S3S4				SGIN	4%	19%	Alpine / Subalpine slopes
Hoary Marmot	Squirrels	Species Occurr	ences verified in	these Counties:	•	•		•		
Microtus richardsoni Water Vole	Cricetidae New World Mice / Rats /	G	S4					17%	34%	Alpine and subalpine aquation habitats
	Voles			tricted to small fa		streams, but most core	e habitat is protected	as wilderness. More o	data are needed to u	ınderstand population trends
Peromyscus leucopus	Cricetidae	G5	S4					2%	58%	Riparian shrub
White-footed Mouse	New World Mice / Rats / Voles	Species Occurr State Rank Reas Species is readily	on: White-footed	Mouse may be re	latively common in ripa	arian forest along river 5 Deer Mouse where the	drainages in eastern A species co-occur. Moi	Montana, but data to re data to assess tre	assess status comp nds and threats are	onents are difficult to obtain needed.
Sorex haydeni	Soricidae	G5	S3S4					5%	65%	Grasslands
Hayden's Shrew	Shrews		ences verified in on: Species faces			tion of native prairie h	abitats. Species is infr	equently observed, s	o it is difficult to as:	sess threats and trends.
Spilogale gracilis	Mephitidae	C5	SNR				SGIN	1%	22%	Riparian shrub
Western Spotted Skunk	Skunks		ences verified ir on: This species h			are available to assess	the conservation state	us in Montana.	1	
Tamias umbrinus	Sciuridae	G5	SNR				SGIN	1%	8%	High elevation conifer fores
Uinta Chipmunk	Squirrels		ences verified ir on; Species is kno			data to assess the cons	ervation status in Mor	itana are not availab	le, and further surv	eys are needed.
Thomomys idahoensis	Geomvidae	G4	S2S4				SGIN	33%	6%	Open habitat / generalist
Idaho Pocket Gopher	Pocket Gophers	Species Occurr	ences verified in	these Counties:	:	1			ı	
Urocitellus armatus	Sciuridae	G5	S3S4				SGIN	14%	8%	Open grassy edges
Uinta Ground Squirrel	Squirrels	Species Occurre State Rank Reas				, and status are uncert	ain within the state.	ı	I	
Urocitellus elegans Wyoming Ground Squirrel	Sciuridae Squirres	G5	S3S4					23%	9%	Open habitat / sage grasslands / montane meadows
		Species Occurr State Rank Reas				, and status are uncert	ain within the state.			
Zapus hudsonius Meadow Jumping Mouse	Dipodidae Jumping Mice	C5	SNR				SGIN	1%	20%	Riparian and moist grassland

Species Occurrences verified in these Counties:
State Rank Reason: This species has rarely been observed and little data are available to assess the conservation status in Montana.

BIRDS (AVES)										17 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
Aegolius funereus	Strigidae	G5	S3S4	MBTA			SGIN	2%	39%	Conifer forest
Boreal Owl	Owls	State Rank Reas			tion size or population	on trends and there is	concern over the impa	cts of forest disease	, fire, and timber har	vest because the species
Asio flammeus Short-eared Owl	Strigidae Ows	G5	S4	MBTA; BCC11; BCC17				2%	100%	Grasslands
		Species Occurr	ences verified i	n these Counties:						
Bucephala islandica Barrows Goldeneye	Anatidae Swans / Geese / Ducks	G5	S4	MBTA			SGIN	2%	31%	Mountain Lakes and Wetlands
		Species Occurr	ences verified i	n these Counties:						
Chaetura pelagica Chirmey Swift	Apodidae Swifts	G4G5	S3S4B	MBTA			SGIN	1%	59%	Chirmeys, caves, hollow trees
		Species Occurr	ences verified i	n these Counties:						
_eiothlypis peregrina	Parulidae	G5	S3S4B	MBTA				1%	11%	Forest wetland
Tennessee Warbler	Warblers	Species Occurr	ences verified i	n these Counties:						
ophodytes cucullatus	Anatidae	G5	S4	MBTA			SGIN	2%	100%	Rivers, Riparian/Wetlan
Hooded Merganser	Swans / Geese / Ducks	Species Occurr	ences verified i	n these Counties:			•	•		
Negascops asio	Strigidae	G5	S3S4	MBTA				4%	74%	Riparian forest
Eastern Screech-Owl	Ows	Species Occurr	ences verified i	n these Counties:			-			
Megascops kennicottii	Strigidae	G4G5	S3S4	MBTA			SGIN	3%	34%	Riparian forest
Mniotilta varia	Parulidae	hydrology, and g	razing, but how o	baseline assessmen perational these thi rmation is available. MBTA	reats are is uncertai	a. The species may fa n. Thus, the species is	ce threats to mature for most appropriately pla	orest nest sites in rip aced on the Potential 1%	arian areas due to de Species of Concern li 27%	evelopment, altered st with a state conservat Deciduous forest
Black-and-white Warbler	Warblers	Species Occurr	ences verified in	n these Counties:		•	•	•		
Phalaenoptilus nuttallii	Caprimulgidae	G5	S4B	MBTA			SGIN	4%	100%	Shrub grassland
Common Poorwill	Nightjars			n these Counties: cies lacks monitorin	g data, populations a	re assumed to be stal	ble, habitats seemto be	e intact, and threats	are not believed to b	e significant at the preser
Seiurus aurocapilla	Parulidae	G5	S4B	MBTA				5%	75%	Deciduous forest
Ovenbird	Warblers	Species Occurr	ences verified i	n these Counties:		•	•	•		
ielasphorus blatycercus	Trochilidae Hurmingbirds	C5	S4B	MBTA			SGIN	1%	5%	Montane shrublands / woodlands
Broad-tailed Hummingbird		Species Occurr	ences verified i	n these Counties:						
Selasphorus rufus	Trochilidae	G5	S4B	MBTA				9%	45%	Riparian shrub
Rufous Hummingbird	Hurmingbirds	Species Occurr	ences verified i	n these Counties:						
Sialia sialis	Turdidae	G5	S4B	MBTA				1%	35%	Prairie woodlands
Eastern Bluebird	Thrushes	Species Occurr	ences verified i	n these Counties:						
piza americana Dickcissel	Cardinalidae Tanagers / Cardinals /	C5	S4B	MBTA; BCC11; BCC17				3%	45%	Grasslands
	Buntings	Species Occurr	ences verified i	n these Counties:						
Tyrannus vociferans Cassin's Kingbird	Tyrannidae Flycatchers	G5	S4B	MBTA				1%	26%	Riparian forest

Vireo plumbeus	Vireonidae	G5	S3S4B	MBTA		1%	31%	Conifer forest
Plumbeous Vireo	Vireos	Species Occurre	ences verified in	these Counties:				

REPTILES (REPT	ILIA)									1 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
Phrynosoma douglasii Pygmy Short-horned Lizard	Phrynosomatidae Sagebush / Spiny Lizards	G5	SNA				SGIN			Sandy/gravelly soils in grassland and shrubland
			on: This species h	n these Counties: nas been document		e. Data to assess the c	conservation status in	Montana are not ava	ailable, and further su	urveys to determine if the

FISH (ACTINOP	TERYGII)									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	C5	S4						27%	Small prairie rivers
Brook Stickleback	Sticklebacks	State Rank Reas	on: The brook sti	n these Counties ickleback is curre suspected to be d	ntly ranked an S4 in Mo	ntana and is considere	ed a potential species o	f concern. While this	species is apparent	ly secure, it may be quite
Hybognathus	Cyprinidae	G5	S4					6%	26%	Small prairie rivers
Brassy Minnow Hybognathus placitus Plains Minnow	Cyprinidae Minnows	State Rank Reas parts of its range G4	on: The brassy me, and/or suspect	n these Counties innow is currently ted to be declining these Counties	/ ranked an S4 in Monta §.	na and is considered a	a potential species of co	oncern. While this sp	ecies is apparently s	ecure, it may be quite rare in Small and large prairie rivers
		State Rank Reas	on: The plains mi		ranked an S4 in Montar	na and is considered a p	potential species of co	ncern. While this spe	ecies is apparently se	ecure, it may be quite rare in
Lota lota	Gadidae	C5	S4					1%	20%	Large rivers, lakes
Burbot	Burbot	Species Occurr State Rank Reas of its range, and	on: The burbot is	n these Counties currently ranked be declining.	an S4 in Montana and	is considered a potenti	ial species of concern.	While this species is	apparently secure,	t may be quite rare in parts
Semotilus	Cyprinidae	C5	S4					1%	17%	Small prairie rivers
atromaculatus Creek Chub	Minnows	State Rank Reas	on: The creek ch	n these Counties ub is currently ra ed to be declining	nked an S4 in Montana	and is considered a po	tential species of conc	ern. While this speci	es is apparently secu	re, it may be quite rare in

INVERTEBRATES	- INSECTS									51 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 RANCE	HABITAT
Grylloblatta	Grylloblattidae	GNR	S3S4							
campodeiformis Northern Rock Crawler	Icé Crawlers	Species Occurr State Rank Reas	ences verified ir on: Only a fewre	these Counties: cords are known f	romthe state, but this	s is probably due to the	embeing mostly noctur	nal and active at ter	nperatures just abov	ve freezing.
BEETLES										
Cicindela limbata	Cicindelidae	C5	23							Sandy beaches
Sandy Tiger Beetle	Tiger Beetles	Species Occurr	ences verified in	these Counties:						
BUTTERFLIES										
Apodemia mormo	Riodinidae	G5	S3S5						37%	Sagebrush / grassland
Mormon Metalmark	Metalmark Butterflies	Species Occurr	ences verified in	these Counties:						

Boloria astarte	Nymphalidae	C5	S2S3						1%	Alpine
Astarte Fritillary	Brush-footed Butterflies	Species Occu	rrences verified in	n these Counties	:	-				
Boloria freija	Nymphalidae	G5	S3S5						12%	Montane wetlands
Freija Fritillary	Brush-footed Butterflies	Species Occu	rrences verified in	n these Counties	:	-1				
Chlosyne whitneyi	Nymphalidae	G4	S3S5						12%	Alpine
Rockslide Checkerspot	Brush-footed Butterflies	Species Occu	rrences verified in	n these Counties	:	-1			_	
Colias gigantea	Pieridae	G5	S3					T	38%	Montane willow bogs
Giant Sulphur	Orange-tip / White / Sulphur Butterflies	Species Occu	ırrences verified ir	n these Counties:	:	-!		-		<u> </u>
Colias nastes	Pieridae	G5	S2S3						6%	Alpine
Labrador Sulphur	Orange-tip / White / Sulphur Butterflies	Species Occu	ırrences verified ir	n these Counties:	:					
Erebia callias	Nymphalidae	G4	S2S3						5%	Alpine
Colorado Alpine	Brush-footed Butterflies	Species Occu	rrences verified in	n these Counties:	:					
Erebia discoidalis	Nymphalidae	G5	S3S5						11%	Grassland, bogs
Red-disked Alpine	Brush-footed Butterflies	Species Occu	rrences verified in	n these Counties		•				
Euchloe creusa Northern Marble	Pieridae Orange-tip / White /	G5	S1S3						1%	Alpine tundra, subalpine forest openings
	Sulphur Butterflies	Species Occu	rrences verified in	n these Counties	•					
Lethe eurydice	Nymphalidae	G5	S2S3						6%	Wetlands
Eyed Brown	Brush-footed Butterflies	Species Occu	rrences verified in	n these Counties	:					1,000
Limenitis arthemis	Nymphalidae	G5	S2S3	1	<u></u>	1			47%	Riparian forest
Red-spotted Admiral	Brush-footed Butterflies		ırrences verified ir	n these Counties	•					Tupea learnor esc
Oeneis bore	Nymphalidae	G5	S2S3	Tulese esamees	,				4%	Alpine
White-veined Arctic	Brush-footed Butterflies		rrences verified in	n these Counties					1/0	Афііс
Oeneis melissa	Nymphalidae	G5	SZS3	Tulese Couldes.	'				12%	Alpine
Melissa Arctic	Brush-footed Butterflies		ırrences verified ir	n those Counties	•				12/0	Афііс
Papilio indra	Papilionidae	G5?	SZS3	Tulese Coulides.					56%	Open rocky habitats
Indra Swallowtail	Swallowtail Butterflies		ırrences verified ir	n those Counties					30/6	Орентоску парісасз
Phyciodes batesii	Nymphalidae	G5	SZS3	Tulese Couldes.	'				49%	Grasslands
Tawny Crescent	Brush-footed Butterflies		ırrences verified ir	n those Counties	•				1 47/0	G assairas
-		Species occu	Treffices verified if	rulese coulides.	·					
CADDISFLIES	T.,									
Agapetus montanus								350/	200/	Note: A constant for constant
An Agapetus Caddisfly	Glossosomatidae Glossosomatid Caddisflies	G	23					25%	39%	Valley / mountain forested
Án Ágapetus Caddisfly		Species Occu State Rank Re population nun	urrences verified in	omatid Caddisfly is habitat, making i	currently ranked a "S		of Concern in MT and is pecies of concern in 2006,	ootentially at risk be	ecause of limited and	streams /or potentially declining
Rhyacophila oreia	Gossosomatid Caddisflies Rhyacophilidae	Species Occu State Rank Re population nun	urrences verified in eason: This Glossoso rbers, range and/or	omatid Caddisfly is habitat, making i	currently ranked a "S			ootentially at risk be	ecause of limited and	
J. ,	Glossosomatid Caddisflies	Species Occu State Rank Re population nun to the Potenti G2 Species Occu State Rank Re	urrences verified in teason: This Glossoso rbers, range and/or al Species of Concer SNR urrences verified in teason: This Rhyacop e and/or habitat, m	omatid Caddisfly is habitat, making in Ist. hthese Counties: chilan Caddisfly is c	currently ranked a "S it vulnerable. This spe : : : : : : currently ranked a "Sh	cies was ranked a spe	ecies of concern in 2006,	potentially at risk be, but additional occu	ecause of limited and urrence records and ery limited and/or po	streams /or potentially declining range expansions has moved i Mountain Springs otentially declining population
Rhyacophila oreia A Rhyacophilan Caddisfly Sericostriata surdickae	Gossosomatid Caddisflies Rhyacophilidae Primative Caddisflies	Species Occu State Rank Re population nun to the Potenti G2 Species Occu State Rank Re numbers, rang	urrences verified in teason: This Glossoso rbers, range and/or al Species of Concer SNR urrences verified in teason: This Rhyacop e and/or habitat, m	omatid Caddisfly is habitat, making in Ist. hthese Counties: chilan Caddisfly is c	currently ranked a "S it vulnerable. This spe : : : : : : currently ranked a "Sh	cies was ranked a spe	ecies of concern in 2006,	potentially at risk be, but additional occu	ecause of limited and urrence records and ery limited and/or po	streams /or potentially declining range expansions has moved i Mountain Springs otentially declining population
Rhyacophila oreia A Rhyacophilan Caddisfly	Gossosomatid Caddisflies Rhyacophilidae Primative Caddisflies Uenoidae	Species Occu State Rank Re population nun to the Potentii G2 Species Occu State Rank Re numbers, rang records exist i G3 Species Occu State Rank Re potentially dec	urrences verified in eason: This Glossoso obers, range and/or al Species of Concer SNR urrences verified in eason: This Rhyacope e and/or habitat, m for Montana S3 urrences verified in eason: This Northern eason: This Northern	omatid Caddisfly is habitat, making i n list. In these Counties: chilan Caddisfly is o making it vulnerable In these Counties: n Rocky Mountains mbers, range and.	currently ranked a "Sit vulnerable. This spends a "She to extirpation in the sefugium Caddisfly is lorn habitat, making it	cies was ranked a spe	ecies of concern in 2006, s of Concern in MT and a with small populations, a	notentially at risk be, but additional occulatorisk because of ve and the species is different to the species of the species is different to the species is different to the species is different to the species of the species is different to the species of the sp	ecause of limited and urrence records and ery limited and/or pofficult to identify with the second sec	streams I/or potentially declining Irange expansions has moved in Mountain Springs Mountain Springs otentially declining population thout adult specimens. Only 2 Small forested mountain
Rhyacophila oreia A Rhyacophilan Caddisfly Sericostriata surdickae Northern Rocky Mountains Refugium Caddisfly	Gossosomatid Caddisflies Rhyacophilidae Primative Caddisflies Uenoidae	Species Occu State Rank Re population nun to the Potentii G2 Species Occu State Rank Re numbers, rang records exist i G3 Species Occu State Rank Re potentially dec	urrences verified in eason: This Glossoson bers, range and/or al Species of Concerson This Rhyacope and/or habitat, refor Montana S3 urrences verified in eason: This Northern this Northern this Northern things population nu	omatid Caddisfly is habitat, making i n list. In these Counties: chilan Caddisfly is o making it vulnerable In these Counties: n Rocky Mountains mbers, range and.	currently ranked a "Sit vulnerable. This spends a "She to extirpation in the sefugium Caddisfly is for habitat, making it	cies was ranked a spe	ecies of concern in 2006, s of Concern in MT and a with small populations, a	notentially at risk be, but additional occulatorisk because of ve and the species is different to the species of the species is different to the species is different to the species is different to the species of the species is different to the species of the sp	ecause of limited and urrence records and ery limited and/or pofficult to identify with the second sec	streams /or potentially declining large expansions has moved if Mountain Springs betentially declining population thout adult specimens. Only 2 Small forested mountain streams because of limited and/or
Rhyacophila oreia ARhyacophilan Caddisfly Sericostriata surdickae Northern Rocky Mountains	Gossosomatid Caddisflies Rhyacophilidae Primative Caddisflies Uenoidae	Species Occu State Rank Re population nun to the Potentii G2 Species Occu State Rank Re numbers, rang records exist i G3 Species Occu State Rank Re potentially dec	urrences verified in eason: This Glossoson bers, range and/or al Species of Concerson This Rhyacope and/or habitat, refor Montana S3 urrences verified in eason: This Northern this Northern this Northern things population nu	omatid Caddisfly is habitat, making i n list. In these Counties: chilan Caddisfly is o making it vulnerable In these Counties: n Rocky Mountains mbers, range and.	currently ranked a "Sit vulnerable. This spends a "She to extirpation in the sefugium Caddisfly is for habitat, making it	cies was ranked a spe	ecies of concern in 2006, s of Concern in MT and a with small populations, a	notentially at risk be, but additional occulatorisk because of ve and the species is different to the species of the species is different to the species is different to the species is different to the species of the species is different to the species of the sp	ecause of limited and urrence records and ery limited and/or pofficult to identify with the second sec	streams /or potentially declining large expansions has moved if Mountain Springs betentially declining population thout adult specimens. Only 2 Small forested mountain streams because of limited and/or

		State Rank Rea		ancer damselfly is			tential concern in Monta	ana because they are	potentially at risk l	because of limited and/or
Avais assess	Cooperationides	G5	5, range and/or i	abitat, ever trio	ugi i i i i i i i i i i i i i i i i i i	l IIIsone areas.			74%	Streams and Rivers
Argia emma Emma's Dancer	Coenagrionidae Narrow-winged Damselflies	Species Occurr State Rank Rea	rences verified i son; Emma's Danc	er damselfly is cui			tial concern in Montana	because they are pote		ause of limited and/or declining
Argia vivida	Coenagrionidae	G5	S3S5					13%	89%	Streams and Rivers
Vivid Dancer	Narrow-winged Damselflies	Species Occurr	ences verified i	n these Counties	5:			•		
Coenagrion angulatum Prairie Bluet	Coenagrionidae Narrow-winged Damselflies	G5	S1S3					16%	32%	Small prairie streams / wetlands
		State Rank Rea		Bluet damselfly is c	currently listed as an "S		ential concern in Montan rank is based on limited			ecause of limited and/or oread that the rank implies.
inallagma civile Familiar Bluet	Coenagrionidae Narrow-winged Damselflies	G5	S2S4						45%	Wetlands / lakes with emergent veg
		State Rank Rea	rences verified i son: The Familiar rs, range and/or I	Bluet damselfly is	currently listed as an '	S2S4" species of pot t in some areas. This	ential concern in Monta rank is based on limited	na because they are p I collections, but is pro	otentially at risk b bbably more widesp	ecause of limited and/or oread that the rank implies.
nallagma clausum	Coenagrionidae	C5	S2S4					17%	81%	Prairie streams / wetland
Alkali Bluet	Narrow-winged Damselflies	State Rank Rea	rences verified i son: The Alkali Blu and/or habitat, e	et damselfly is cui	rrently listed as an "S2"	54" species of poten areas. This rank is b	tial concern in Montana based on limited collectio	because they are potens, but is probably mo	entially at risk beca re widespread that	ause of limited and/or declinin t the rank implies.
Enallagma praevarum Arroyo Bluet	Coenagrionidae Narrow-winged Damselflies	G5	S3S5						42%	Prairie streams / wetland
		State Rank Rea		Bluet damselfly is c	currently listed as an "S		ential concern in Montan s rank was based on limit			ecause of limited and/or widespread that the rank
DRAGONFLIES	I			1	1	T		1	1	
Aeshna constricta Lance-tipped Darner	Aeshnidae	G5	S1S3							
Lai ice-cipped Dai Hei	Darner Dragonflies								100%	Wetlands / lakes with emergent veg
Lairce-tipped barrier	Darner Dragonflies	State Rank Rea		pped Darner is cu				because it is potentia		
Aeshna eremita Lake Darner	Darner Dragonflies Aeshnidae Darner Dragonflies	State Rank Read limited and/or do	son: The Lance-ti eclining numbers, S3S4	pped Darner is cu range and/or hab	urrently ranked S1S3 as bitat, even though it n			because it is potenti		emergent veg
Aeshna eremita	Aeshnidae	State Rank Realimited and/or d G5 Species Occurr State Rank Read	son: The Lance-ti ectining numbers, S3S4 rences verified i son: The Lake Dai	pped Darner is cu range and/or hab n these Counties rner is currently r	urrently ranked S1S3 as pitat, even though it n	ay be abundarit in so	ome areas.		ally at risk of extir	pation in the state due to Wetlands / lakes with emergent veg
Aeshna eremita Lake Darner	Aeshnidae Darner Dragonflies Aeshnidae	State Rank Realimited and/or d G5 Species Occurr State Rank Read	son: The Lance-ti ectining numbers, S3S4 rences verified i son: The Lake Dai	pped Darner is cu range and/or hab n these Counties rner is currently r	urrently ranked S1S3 as pitat, even though it n s: s: ranked S3S4 as a "pote	ay be abundarit in so	ome areas.		ally at risk of extir	pation in the state due to Wetlands / lakes with emergent veg
eshna eremita Lake Darner	Aeshnidae Darner Dragonflies	State Rank Readimited and/or do Species Occurr State Rank Readeclining number G5 Species Occurr State Rank Read	son: The Lance-ti eclining numbers, \$354 rences verified i son: The Lake Dai s, range and/or l \$355 rences verified i son: The Sedge Dai	pped Darner is currange and/or hat these Counties rereitly rabitat, even thout these Counties arner is currently ratherse Counties arner is currently	urrently ranked 5153 as pitat, even though it m ss: ranked 5354 as a "pote ugh it may be abundan ss: ranked 5355 as a "pote	ntial species of conc t in some areas.	ern" in Montana because	e it is potentially at ris	ally at risk of extir 45% sk of extirpation in	emergent veg pation in the state due to Wetlands / lakes with emergent veg the state due to limited and/
Aeshna eremita Lake Darner Aeshna juncea Sedge Darner	Aeshnidae Darner Dragonflies Aeshnidae	State Rank Readimited and/or do Species Occurr State Rank Readeclining number G5 Species Occurr State Rank Read	son: The Lance-ti eclining numbers, \$354 rences verified i son: The Lake Dai s, range and/or l \$355 rences verified i son: The Sedge Dai	pped Darner is currange and/or hat these Counties rereitly rabitat, even thout these Counties arner is currently ratherse Counties arner is currently	urrently ranked S1S3 as pitat, even though it m s: ranked S3S4 as a "pote ugh it may be abundan	ntial species of conc t in some areas.	ern" in Montana because	e it is potentially at ris	ally at risk of extir 45% sk of extirpation in	emergent veg pation in the state due to Wetlands / lakes with emergent veg the state due to limited and/ Wetlands
Aeshna eremita Lake Darner Aeshna juncea Sedge Darner Aeshna sitchensis	Aeshnidae Darner Dragonflies Aeshnidae Darner Dragonflies	State Rank Readimited and/or do Species Occurry State Rank Readdeclining number Species Occurry State Rank Read and/or declining Species Occurry State Rank Read and/or declining	son: The Lance-tieclining numbers, S3S4 rences verified i son: The Lake Da rs, range and/or i S3S5 rences verified i son: The Sedge Da numbers, range a S2S3 rences verified i son: The Zigzag D	pped Darner is currange and/or hab n these Counties remer is currently relabitat, even thou n these Counties arner is currently and/or habitat, even n these Counties arner is currently	urrently ranked \$153 as bitat, even though it m st. canked \$3\$4 as a "pote ugh it may be abundan st. cranked \$3\$5 as a "pote ven though it may be a	ntial species of conc t in some areas. ential species of con bundant in some are	cern" in Montana because cern" in Montana because cern" in Montana because cern" in Montana because	e it is potentially at ris	ally at risk of extirpation in 32% isk of extirpation in 32%	emergent veg pation in the state due to Wetlands / lakes with emergent veg the state due to limited and/ Wetlands In the state, due to limited
eshna eremita Lake Darner eshna juncea Sedge Darner eshna sitchensis Zigzag Darner	Aeshnidae Darner Dragonflies Aeshnidae Darner Dragonflies Aeshnidae	State Rank Readimited and/or do Species Occurry State Rank Readdeclining number Species Occurry State Rank Read and/or declining Species Occurry State Rank Read and/or declining	son: The Lance-tieclining numbers, S3S4 rences verified i son: The Lake Da rs, range and/or i S3S5 rences verified i son: The Sedge Da numbers, range a S2S3 rences verified i son: The Zigzag D	pped Darner is currange and/or hab n these Counties remer is currently relabitat, even thou n these Counties arner is currently and/or habitat, even n these Counties arner is currently	urrently ranked \$153 as bitat, even though it m st. canked \$3\$4 as a "pote ugh it may be abundan ugh it may be abundan ugh it may be a bundan ugh it may be a bundan ugh it may be a ugh it m	ntial species of conc t in some areas. ential species of con bundant in some are	cern" in Montana because cern" in Montana because cern" in Montana because cern" in Montana because	e it is potentially at ris	ally at risk of extirpation in 32% isk of extirpation in 32%	emergent veg pation in the state due to Wetlands / lakes with emergent veg I the state due to limited and/ Wetlands In the state, due to limited Wetlands
Aeshna eremita Lake Darner Aeshna juncea Sedge Darner Aeshna sitchensis Zigzag Darner Aeshna tuberculifera	Aeshnidae Darner Dragonflies Aeshnidae Darner Dragonflies Aeshnidae Darner Dragonflies Aeshnidae	State Rank Readimited and/or described Species Occurrents State Rank Readeclining number G5 Species Occurrents State Rank Readand/or declining G5 Species Occurrents State Rank Readand/or declining G5 Species Occurrents State Rank Readand/or declining G5 Species Occurrents State Rank Read Rank Rank Rank Rank Rank Rank Rank Rank	son: The Lance-tieclining numbers, S3S4 rences verified i son: The Lake Da rs, range and/or l son: The Sedge Da numbers, range a S2S3 rences verified i son: The Zigzag Da numbers, range a S2S3 rences verified i son: The Zigzag Da numbers, range a S2S4	pped Darner is currange and/or hab n these Counties rner is currently nabitat, even thou n these Counties arner is currently and/or habitat, even n these Counties barner is currently and/or habitat, even n these Counties barner is currently and/or habitat, even n these Counties barner is currently	urrently ranked \$153 as bitat, even though it m S: ranked \$3\$4 as a "pote ugh it may be abundan arranked \$3\$5 as a "pote even though it may be a "pote even though it may be a "y ranked \$2\$3 as a "pote even though it may be a "y ranked \$2\$3 as a "pote even though it may be a	ay be abundant in some areas. Intial species of concentrial species of conbundant in some areas. Interest of concentrial species of conbundant in some areas.	cern" in Montana because in Montana in Montana in Montana in Montana	e it is potentially at rise it is potentially at r	ally at risk of extirpation in 32% isk of extirpation in 32% risk of extirpation in 17%	emergent veg pation in the state due to Wetlands / lakes with emergent veg I the state due to limited and/ Wetlands In the state, due to limited Wetlands in the state, due to limited Wetlands Wetlands I Wetlands Wetlands I Wetlands I Wetlands I Wetlands / lakes with
Aeshna eremita	Aeshnidae Darner Dragonflies Aeshnidae Darner Dragonflies Aeshnidae Darner Dragonflies Aeshnidae	State Rank Readimited and/or described Species Occurrents State Rank Readeclining number G5 Species Occurrents State Rank Readand/or declining G5 Species Occurrents State Rank Readand/or declining G5 Species Occurrents State Rank Readand/or declining G5 Species Occurrents State Rank Read Rank Rank Rank Rank Rank Rank Rank Rank	son: The Lance-tieclining numbers, S3S4 rences verified i son: The Lake Da rs, range and/or l son: The Sedge Da numbers, range a S2S3 rences verified i son: The Zigzag Da numbers, range a S2S3 rences verified i son: The Zigzag Da numbers, range a S2S4	pped Darner is currange and/or hab n these Counties rner is currently nabitat, even thou n these Counties arner is currently and/or habitat, even n these Counties barner is currently and/or habitat, even n these Counties barner is currently and/or habitat, even n these Counties barner is currently	s: y ranked \$3\$4 as a "pote ugh it may be abundan s: ranked \$3\$5 as a "pote ugh it may be abundan s: ranked \$3\$5 as a "pote wen though it may be a y ranked \$2\$3 as a "pote wen though it may be a s: y ranked \$2\$3 as a "pote wen though it may be a s: rrently ranked \$2\$4 as	ay be abundant in some areas. Intial species of concentrial species of conbundant in some areas. Interest of concentrial species of conbundant in some areas.	cern" in Montana because in Montana in Montana in Montana in Montana	e it is potentially at rise it is potentially at r	ally at risk of extirpation in 32% isk of extirpation in 32% risk of extirpation in 17%	emergent veg pation in the state due to Wetlands / lakes with emergent veg In the state due to limited and/ Wetlands In the state, due to limited Wetlands in the state, due to limited Wetlands Wetlands Wetlands / lakes with emergent veg

Spiny Baskettail	Corduliidae Emerald Dragonflies	G5	S3S5						18%	Wetlands / lakes with emergent veg
		State Rank Rea	rences verified in son: The Spiny Bas numbers, range a	skettail is curren	ntly ranked S3S5 as a	a "potential species of c be abundant in some are	oncern" in Montana bed	cause it is potentially at risk o	of extirpation	n in the state, due to limited
Comphus externus	Gomphidae	G5	S2S4						30%	Large prairie rivers
Plain's Clubtail	Clubtail Dragonflies	State Rank Rea	rences verified i son: The plains clu numbers, range a	ubtail is currently	ranked S2S4 as a "¡	potential species of cor pe abundant in some are	cern" in Montana becar	ise it is potentially at risk of (extirpation ir	the state due to limited
Comphus graslinellus	Gomphidae	G5	S3S5						65%	Large prairie rivers
Pronghorn Člubtail	Clubtail Dragonflies	State Rank Rea	rences verified in son: The pronghors numbers, range a	n clubtail is curr	ently ranked S3S5 a	s a "potential species o be abundant in some arc	f concern" in Montana I eas.	pecause it is potentially at ris	k of extirpat	ion in the state due to limited
adona julia Chalk-fronted Corporal	Libellulidae Skirmer Dragonflies	C5	S3S4						16%	Wetlands / lakes with emergent veg
		State Rank Rea		onted Corporal di			cies of concern in Mont	ana because they are potent	ially at risk b	ecause of limited and/or
Leucorrhinia glacialis Crimson-ringed Whiteface	Libellulidae Skimmer Dragonflies	G5	53						32%	Wetlands / lakes with emergent veg
		State Rank Rea		ringed Whitefac	e is currently ranke	nd S3 as a "potential spe it may be abundant in s		tana because it is potentially	at risk of ext	tirpation in the state, due to
Libellula saturata Flame Skimmer	Libellulidae Skirmer Dragonflies	G5	S2S4			ĺ			47%	Wetlands / lakes with emergent veg
		State Rank Rea	rences verified i son: The Flame Sk and/or habitat, e	immer dragonfly	is currently listed a	s an "S2S4" species of c	oncern in Montana beca	use they are potentially at ri	isk because o	f limited and/or declining
		mumbers, range	anu/or nabitat, c	varrinougiricira	iy de adunuani. In so	me areas.				
	Gomphidae Clubrail Dragonflies	G5	S2S4			ne areas.			17%	Large cold rivers
occidentis Sinuous Snaketail	Clubitail Dragonflies	Species Occurr State Rank Rea and/or declining (Kohler, pers. co	S254 rences verified in son: The sinuous son: The sinuous son murbers, range and sonm.)	n these Countie	ently ranked S2S4 as	a "potential species of	concern" in Montana b eas. Recent collections	ecause it is potentially at risk are expanding our knowledge	of extirpation	on in the state due to limited in distribution in the state
occidentis Sinuous Snaketail Rhionaeschna californica		Species Occurr State Rank Rea and/or declining (Kohler, pers. cc	S254 rences verified i son: The sinuous somm) S355	n these Countie snaketail is curre and/or habitat, e	is: ently ranked S2S4 as even though it may b	a "potential species of	concern" in Montana bass. Recent collections	ecause it is potentially at risk are expanding our knowledge	of extirpation	on in the state due to limited
Ophiogomphus occidentis Sinuous Snaketail Rhionaeschna californica California Darner	Clubtail Dragonflies Aeshnidae	Species Occurr State Rank Rea and/or declining (Kohler, pers. co Species Occurr State Rank Rea	S254 rences verified it son: The sinuous son murbers, range amm) S355 rences verified it son: The Californi	n these Counties anaketail is curre and/or habitat, e	is: ently ranked S2S4 as even though it may be is: ently ranked S3S5 as	a "potential species of be abundant in some ard	eas. Recent collections	are expanding our knowledge	of extirpation and its known	on in the state due to limited in distribution in the state Wetlands / lakes with
Rhionaeschna californica California Darner	Clubtail Dragonflies Aeshnidae	Species Occurr State Rank Rea and/or declining (Kohler, pers. co Species Occurr State Rank Rea	S254 rences verified it son: The sinuous son murbers, range amm) S355 rences verified it son: The Californi	n these Counties anaketail is curre and/or habitat, e	is: ently ranked S2S4 as even though it may be is: ently ranked S3S5 as	a "potential species of be abundant in some and a "potential species of	eas. Recent collections	are expanding our knowledge	of extirpation and its known	on in the state due to limited in distribution in the state Wetlands / lakes with emergent veg
Rhionaeschna californica California Darner	Clubitail Dragonflies Aeshnidae Darner Dragonflies Aeshnidae	Species Occurring (Kohler, pers. co	s254 rences verified is son: The sinuous a numbers, range a numbers, range a numbers. son: The California numbers, range a scon: The California numbers, range a scon: The Succession: The Blue-eye	n these Counties and/or habitat, en these Counties a Darner is curre and/or habitat, en these Counties and/or habitat, en these Counties of Darner is curre	ss: ently ranked S2S4 as even though it may b ss: ently ranked S3S5 as even though it may b ss: ently ranked S2S4 as	a "potential species of be abundant in some and a "potential species of be abundant in some and	concern" in Montana b	ecause it is potentially at risk	of extirpation and its known 69% of extirpation 84%	on in the state due to limited in distribution in the state Wetlands / lakes with emergent veg on in the state due to limited Wetlands / lakes with
Rhionaeschna californica California Darner Rhionaeschna multicolor Blue-eyed Darner	Clubitail Dragonflies Aeshnidae Darner Dragonflies Aeshnidae	Species Occurring (Kohler, pers. co	s254 rences verified is son: The sinuous a numbers, range a numbers, range a numbers. son: The California numbers, range a scon: The California numbers, range a scon: The Succession: The Blue-eye	n these Counties and/or habitat, en these Counties a Darner is curre and/or habitat, en these Counties and/or habitat, en these Counties of Darner is curre	ss: ently ranked S2S4 as even though it may b ss: ently ranked S3S5 as even though it may b ss: ently ranked S2S4 as	a "potential species of pe abundant in some and a "potential species of pe abundant in some and a "potential species of pe abundant in some and a "potential species of a "potential species of	concern" in Montana b	ecause it is potentially at risk	of extirpation and its known 69% of extirpation 84%	wetlands / lakes with emergent veg Wetlands / lakes with emergent veg Wetlands / lakes with emergent veg
Rhionaeschna californica California Darner Rhionaeschna multicolor Blue-eyed Darner	Clubitail Dragonflies Aeshnidae Darner Dragonflies Aeshnidae Darner Dragonflies	Species Occurring (Kohler, pers. compared to the compared to t	S254 rences verified is son: The sinuous a numbers, range a numbers, range a numbers, range a son: The California numbers, range a S254 rences verified is son: The Blue-eye numbers, range a S153 rences verified is son: The Blue-eye numbers, range a son: The Blue-eye numbers, range a son: The Blue-eye numbers, range a son: The Ringed E	n these Counties and/or habitat, en these Counties a Darner is currend/or habitat, en these Counties d Darner is currend/or habitat, en these Counties and/or habitat, en these Counties and/or habitat, en these Counties and/or habitat, en these Counties and the counties are counties and the c	ss: ently ranked S2S4 as even though it may be ss: ently ranked S3S5 as even though it may be ss: ently ranked S2S4 as even though it may be ss: ently ranked S1S4 as even though it may be still the still ranked S1S3 as a	a "potential species of ce abundant in some and a "potential species of ce abundant in some and a "potential species of ce abundant in some and be abundant in some and "potential species of co"	concern" in Montana beas. concern" in Montana beas.	ecause it is potentially at risk	of extirpation and its known 69% of extirpation 84% of extirpation 19%	wetlands / lakes with emergent veg Wetlands / lakes with emergent veg on in the state due to limited Wetlands / lakes with emergent veg on in the state, due to limited Wetlands / lakes with emergent veg on in the state, due to limited
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Rhionaeschna californica California Darner Rhionaeschna multicolor Blue-eyed Darner Somatochlora albicincta Ringed Emerald Somatochlora hudsonica	Clubitail Dragonflies Aeshnidae Darner Dragonflies Aeshnidae Darner Dragonflies Corduliidae Emerald Dragonflies Corduliidae Corduliidae	Species Occurring (Kohler, pers. co Species Occurring (Kohler, pers. co Species Occurring State Rank Rea and/or declining Species Occurring State Rank Rea and/or declining Species Occurring Species Occurring State Rank Rea and/or declining Species Occurring Species Occurring State Rank Rea and/or declining Species Occurring State Rank Rea Species Occurring	syst rences verified i son: The sinuous a numbers, range a num) syst rences verified i son: The Californi numbers, range a syst rences verified i son: The Blue-eye numbers, range a syst syst rences verified i son: The Ringed E numbers, range a syst syst syst syst syst syst syst sys	n these Counties and/or habitat, es a Darner is curre and/or habitat, es and/or habitat,	s: ently ranked S2S4 as even though it may be seven though it may be	a "potential species of ce abundant in some and a "potential species of ce abundant in some and a "potential species of ce abundant in some and "potential species of coe abundant in some and ce abun	concern" in Montana bass. concern" in Montana bass. concern" in Montana bass.	ecause it is potentially at risk o	69% 69% 69% 60 extirpation 84% 60 extirpation 19% 61 extirpation 32%	wetlands / lakes with emergent veg wetlands / lakes with emergent veg wetlands / lakes with emergent veg on in the state due to limited wetlands / lakes with emergent veg on in the state, due to limited wetlands wetlands wetlands / lakes with emergent veg wetlands / lakes with emergent veg

Somatochlora	Corduliidae	C5	S3S5						32%	Wetlands
semicircularis Mountain Emerald	Emerald Dragonflies	State Rank Reas	on: The Mountain				ncern" in Montana beca	use it is potentially a	at risk of extirpation	in the state, due to limited
Sympetrum madidum Red-veined Meadowhawk	Libellulidae Skimmer Dragonflies	C5	S2S3						100%	Wetlands / lakes with emergent veg
		State Rank Reas	on: The Red-veines, range and/or h	n these Counties: ed Meadowhawk d abitat, even thou	ragonfly is currently lis	ted as an "S2S3" specion in some areas. The ext	es of concern in Montar ension of their range in	na because they are nto eastern Montana	potentially at risk be will likely remove th	ecause of limited and/or is species fromthe list with a
MAYFLIES										
Analetris eximia A Sand-dwelling Mayfly	Acanthametropodidae	G	53							Large prairie rivers
	Acanthametropodid Mayflies	State Rank Reas and/or declining damming and div	on: This sand-dw numbers, range a erting of our large	elling mayfly is cur Ind/or habitat, ev	rentlv ranked S3 as a "	undant in some areas.	ncern" in Montana beca The specialized habitat	ause is potentially at t this species require	risk of extirpation i es in prairie rivers h	
Baetisca columbiana	Baetiscidae	G2G4	SNR	<u> </u>						Large, cold rivers
AMayfly		•	1	these Counties:						
Northern Rocky Mountains	Ephemerellidae Ephemerellid Mayflies	G4	S3					25%	10%	Small forested mountain streams
Refugium/Nayfly		State Rank Reas declining number	on: This NRMR ma s, range and/or h	abitat, even thou	anked S3 as a "potentiagh it may be abundant	in some areas. This sp	in Montana because it is ecies was taken off the the state, but still wor	SOC list in 2011 after	er targeted habitat s	state due to limited and/or ampling found many more
STONEFLIES										
Bolshecapnia missiona	Capniidae	G2	SNR							Mountain Streams
Mission Mountains Snowfly	Small Winter Stoneflies	State Rank Reas numbers, range a	on: The Mission M and/or habitat, e	n these Counties: Atn Stonefly is curr ven though it may t a half dozen cree	rently listed as an "SNR be abundant in some a	' species of potential c reas. This rank is base nd Missoula Counties, a	concern in Montana bec d on limited collections, all in Montana (Baumann	ause they are poter , but is probably mor and Potter 2007, N	itially at risk because e widespread that th ewell et al. 2008).	e of limited and/or declining ne rank implies. This species

INVERTEBRATES	- MOLLUSKS									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 Columbia Pebblesnail	Hydrobiidae Amicolas / Duskysnails	G2	SH							Medium and large-sized rivers
		Species Occurr	ences verified in	these Counties:						
Radiodiscus abietum	Charopidae	G4	S3S4						8%	Moist conifer forests
Fir Pinwheel	Pinwheels	Species Occurr	ences verified in	these Counties:						
Valvata tricarinata	Valvatidae	G5	S2S3						1%	Large Rivers / Lakes
Threeridge Valvata	Valvatas	Species Occurre State Rank Reas population number	on: The Three-rid	be valvata is curr	ently ranked a "S2S3" F	Potential Species of Cor currences in Montana a	ncern in MT and is pote are widely disjunct.	ntially at risk becau	se of limited and/or p	ootentially declining

INVERTEBRATES	- OTHER									4 SPECIES
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	FWPSWAP	% OF GLOBAL BREEDING RANGE IN MT	% OF MT THAT IS BREEDING RANGE	HABITAT
FRESHWATER SPONGES										
	Spongillidae	C5	S1S3							Lakes
A Freshwater Sponge	Freshwater Sponges									

		State Rank Rea	Species Occurrences verified in these Counties: State Rank Reason: This Freshwater Sponge is currently ranked a "S1S3" Potential Species of Concern in MT and is potentially at risk because of limited and/or potentially declining population numbers, range and/or habitat, making it vulnerable. Known occurrences in Montana are limited to one lake in Lincoln County.							
MLLIPEDES										
Endopus parvipes AMillipede	Conotylidae Conotylid Millipedes	GHQ	SNR						Subalpine mixed conifer forests	
			Species Occurrences verified in these Counties: Lake State Rank Reason: The status of this species is uncertain due to a lack of data and taxonomic uncertainty							
Lophomus laxus AMillipede	Conotylidae Conotylid Millipedes	GH	SNR						Mixed conifer forests	
		Species Occurrences verified in these Counties: Granite, Lake, Missoula, Ravalli State Rank Reason: This endenic species has recieved little survey effort in recent years and status is uncertain due to lack of data.								
Orophe cabinetus A Millipede	Xystodesmidae Xystodesmid Millipedes	GH	SNR						Moist mixed conifer forests	
		Species Occurrences verified in these Counties: Lake, Mineral, Sanders								

Special Status Species 2 Species All Records (no filtering)

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	Œ	S4	DM; BGEPA; MBTA; BCC10; BCC11; BCC17	Sensitive - Known on Forests (BD, BRT, CG, HLC, 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.								

This section is not Filtered

ADDITIONS TO STATEW	IDE LIST	
SPECIES	DATE	NOTES
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 Hpps 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 accustic 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 closely 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 coder temperatures.
Pyrgulopsis blainica Blaine Pyrg	5/3/2016	Species is endemic to Mantana 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 hoyi Pygny Strew	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 Wdf	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 themback on the Endangered Species List. The species was added back onto the Montana Species of Concern List despite its S4 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 Iova Darter	4/8/2010	Risk evaluated at S3 due primerily 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.
Prosopium coulteri 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.

ADDITIONS TO STATEW	IDE LIST				
SPECIES	DATE	NOTES			
Grylloblatta campodeiformis Northern Rock Crawler	2/1/2010	Species recently identified as occurring 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 Mountainsmil	1/7/2010	Species recently identified as occuring in the state during the course of a literature review. State risk assessed at S13 because Montana only represents a portion of the species' range and its global risk is rated at 0 y NatureServe.			
Oreohelix pygmaea Pygmy Mountainsnail	1/7/2010	pecies 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.			
Coccyzus erythropthalmus Black-billed Cuckoo	5/1/2009	isk 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 Goshavk	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 S2 because global risk was upgraded to G2 by NatureServe; state risk cannot be more secure than global risk.			
Lasiurus cinereus Hary 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 Cassiris 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 Clarks Grebe	10/1/2008	Risk upgraded from S2S4 to S3 due to threats to wetland breeding habitats.			
Nucifraga columbiana Clarks 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 PinyonJay	10/1/2008	Risk upgraded from S4 to S3 due to declining population trends.			
Rhyacophila rickeri 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.			
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.			
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.			
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.			

ADDITIONS TO STATEWI	DE LIST	
SPECIES	DATE	NOTES
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.
Caurinella idahoensis Ldo 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.
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 S1S3 as a result of their recent detection in Montana with a likely limited distribution.
Spilogale gracilis Western Spotted Skurk	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 S1S3 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 Cubtail	7/1/2006	Risk assessed at S1 because of rarity of habitat and threats to large prairie river breeding habitat.
Raptoheptagenia cruentata AMayfly	7/1/2006	Risk assessed at S2 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 warmspring on the west side of Canyon Ferry Reservoir.
Kootenaia burkei Pygny Sug	7/1/2006	Risk assessed at S12 due to rarity and limited known distribution.
Haplotrema vancouverense Robust Lancetooth	7/1/2006	Risk assessed at S12 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 S13 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 S13 because of rarity and limited known distribution.
Endopus parvipes A Millipede	7/1/2006	Risk assessed at S13 because of rarity and limited known distribution.
Lophomus laxus A Millipede	7/1/2006	Risk assessed at S13 because of rarity and limited known distribution.
Orophe cabinetus A Millipede	7/1/2006	Risk assessed at S13 because of rarity and limited known distribution.

ADDITIONS TO STATEW	IDE LIST		
SPECIES	DATE	NOTES	
Orthogmus oculatus A Millipede	7/1/2006	Risk assessed at S13 because of rarity and limited known distribution.	
Taiyutyla curvata AMillipede	7/1/2006	Risk assessed at S13 because of rarity and limited known distribution.	
Adrityla cucullata A Millipede	7/1/2006	Risk assessed at S13 because of rarity and limited known distribution.	
Austrotyla montani A Millipede	7/1/2006	Risk assessed at S13 because of rarity and limited known distribution.	
Corypus cochlearis AMillipede	7/1/2006	Risk assessed at S13 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 Bobdink	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 Chestrut-collared Longspur	7/1/2004	Risk upgraded from S5 to S3 due to declining population trends and threats to habitat.	
Ammodramus savannarum Græshopper 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 Iudovicianus Loggerhead Shrike	7/1/2004	Risk upgraded from S4 to S3 due to declining population trends.	
Numenius americanus Lorg-billed Curlew	7/1/2004	Risk upgraded from S4 to S3 due to evaluation of threats faced by species.	
Rhynchophanes mccownii McCowris Longspur	7/1/2004	Risk upgraded from S4 to S2 due to declining population trends and threats to habitat.	
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.	
Boloria alberta Alberta Fritillary	7/1/2004	Risk assessed at S23 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 S23 due to apparent rarity.	
Polygyrella polygyrella Hmped Coin	7/1/2004	Risk assessed at S13 due to apparent rarity.	
Udosarx lyrata Lyre Mantleslug	7/1/2004	Risk assessed at S1 due to apparent rarity.	

ADDITIONS TO STATEW	VIDE LIST		
SPECIES	DATE	NOTES .	
Sorex arcticus Arctic Shrew	1/1/2003	Risk assessed at S1 due to apparent rarity after species was detected in the state for the first time.	
Sorex hoyi Pygny Shrew	1/1/2003	tisk 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 Cassiris Gray-crowned Rosy-Finch (Leucosticte tephrocotis tephrocotis) due to apparent rarity while the winter migrant population of Hepburnis Gray-crowned Rosy-Finch (Leucosticte tephrocotis littoralis) 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 Akaii Bluet	1/1/2003	Risk assessed at S24 due to apparent rarity.	
Enallagma civile Familiar Bluet	1/1/2003	Risk assessed at S24 due to apparent rarity.	
Argia alberta Paiute Dancer	1/1/2003	Risk assessed at S23 due to apparent rarity.	
Coenagrion angulatum Prairie Bluet	1/1/2003	Risk assessed at S13 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 Sneketail	1/1/2003	Risk assessed at S24 due to apparent rarity.	
Aeshna sitchensis Zigzag Darner	1/1/2003	Risk assessed at S23 due to apparent rarity.	
Stygobromus tritus A Subterranean Amphipod	1/1/2003	Risk assessed at S12 due to apparent rarity.	
Stygobromus glacialis Gacier 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.	
Antrozous pallidus Pallid Bat	8/1/2001	Risk assessed at S1 due to limited distribution and apparent rarity in Montana.	
Sorex preblei Prebles Shrew	8/1/2001	Risk assessed at S3 due to apparent rarity.	

ADDITIONS TO STATEW	IDE LIST		
SPECIES	DATE	NOTES	
Spilogale gracilis Western Spotted Skurk	8/1/2001	Risk assessed at S1 due to apparent rarity.	
Tyto alba Barn Oxl	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 platensis 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 Write-faced Ibis	8/1/2001	Risk assessed at S1 due to limited distribution and apparent rarity in Montana.	
Lagopus leucura Write-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 Skirk	8/1/2001	Risk assessed at S3 due to apparent rarity.	
Anaxyrus cognatus Great Plains Toad	8/1/2001	Risk assessed at S3 due to apparent rarity.	
Sander canadensis Sager	8/1/2001	Risk assessed at S2 due to declining population trends.	
Zaitzevia thermae WarmSpring 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 S12 due to limited distribution and apparent rarity in Montana.	
Discus shimekii Striate Disc	8/1/2001	Risk assessed at S1 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.	
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	Risk assessed at S12 due to limited distribution and apparent rarity in Montana.	

ADDITIONS TO STATEW	IDE LIST		
SPECIES	DATE	NOTES	
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 Gratcatcher	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 Writeface	3/1/1997	Risk assessed at S1 due to apparent rarity.	
Somatochlora walshii Brush-tipped Emerald	3/1/1997	Risk assessed at S12 due to apparent rarity.	
Erpetogomphus designatus Eastern Ringtail	3/1/1997	Risk assessed at S1 due to apparent rarity.	
Somatochlora albicincta Ringed Emerald	3/1/1997	Risk assessed at S13 due to apparent rarity.	
Aeshna subarctica Subarctic Darner	3/1/1997	Risk assessed at S12 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 Brurson 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 Drummord 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 Amicola	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.	
Oreohelix sp. 10 Missaula Mountainsnail	3/1/1997	Risk assessed at S13 due to apparent rarity.	
Stagnicola montanensis Mountain Marshmail	3/1/1997	Risk assessed at S13 due to apparent rarity.	

ADDITIONS TO STATEW	IDE LIST		
SPECIES	DATE	NOTES	
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 S13 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 S3S4 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 Nelsoris 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 YellowRail	6/1/1996	Risk assessed at S1 due to limited distribution and apparent rarity in Montana after recent first detections of breeding individuals.	
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.	
Magnipelta mycophaga MagnumMantleslug	6/1/1996	Risk assessed at S13 due to limited distribution and apparent rarity in Montana.	
Hemphillia danielsi Marbled Jumping-slug	6/1/1996	Risk assessed at S13 due to limited distribution and apparent rarity in Montana.	
Myotis evotis Larg-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 USPWS 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 (<i>Phrynosoma douglasi</i>).	
Rana luteiventris Columbia Spotted Frog	2/1/1995	Added to list because species was on the USPWS Category 2 Candidate list.	
Ascaphus montanus Rocky Mountain Tailed Frog	2/1/1995	Added to list because species was on the USPWS Category 2 Candidate list.	
Platygobio gracilis Flathead Chub	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list.	
Hybognathus placitus Plairs Mirrow	2/1/1995	Added to list because species was on the USFWS Category 2 Candidate list.	
Hybognathus argyritis Western Silvery Mirrow	2/1/1995	Added 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 USPWS Category 2 Candidate list.	
Phyciodes batesii Tawry Crescent	2/1/1995	Added to list because species was on the USPWS Category 2 Candidate list and because of apparent rarity.	

ADDITIONS TO STATE	WIDE LIST		
SPECIES	DATE	NOTES	
Oreohelix strigosa berryi Berrys Mountainsnail	2/1/1995	Added to list because species was on the USPWS 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 Franklinis Gull	3/1/1994	Risk assessed at S3S4 due to rarity of breeding records and habitat.	
Sorex merriami Merriams 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 S1S3 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 Clarks Grebe	5/1/1993	Risk assessed at S2S4 for undocumented reasons.	
Sterna hirundo Commo 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 SZS4 for undocumented reasons.	
Brachylagus idahoensis Pygmy Rabbit	9/1/1992	Risk assessed at S4 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 S3 for undocumented reasons.	
Picoides arcticus Black-backed Woodpecker	9/1/1992	Risk assessed at S3 for undocumented reasons.	
Lanius ludovicianus Loggerhead Shrike	9/1/1992	Risk assessed at S5 for undocumented reasons.	
Accipiter gentilis Northern Goshawk	9/1/1992	Risk assessed at S4 for undocumented reasons.	
Rana luteiventris Coumbia Spotted Frog	9/1/1992	Risk 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>Dicamptodan 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.	

ADDITIONS TO STATEW	/IDE LIST		
SPECIES	DATE	NOTES	
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 Læst 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 S2 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	isk assessed at S1 for undocumented reasons.	
Agapetus montanus An Agapetus Caddisfly	4/22/1987	isk 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 Cdumbian Snowfly	4/22/1987	Risk assessed at S2 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 S2 for undocumented reasons.	
Zapada glacier Western Gacier Stonefly	4/22/1987	Risk assessed at S1 for undocumented reasons.	

This section is not Filtered

SPECIES REMOVED FRO	Μ ςτάτεν	VIDE LIST	
SPECIES REMOVED TRO	DATE	NOTES	
Spea bombifrons Plains Spadefoot	9/25/2018	Recent nocturnal calling surveys conducted after precipitation events on warmevenings have often detected this species east of the Continental Divide. It appears that the previous perception of rarity was due 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 AMayfly	6/23/2015	Removed 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	Risk 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 lower percentages in northeastern Montana).	
Lepus californicus Black-tailed Jack Rabbit	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 Hspid 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 Unta Chipmurk	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 Skurk	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 nowoccupy 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 Græshopper 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 accustic 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 Wdf	5/5/2011	On Way 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 S4 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 Wdf	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 Hurmingbird	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 Cassinis 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.	

SPECIES REMOVED FRO	M STATEW	VIDE LIST	
SPECIES	DATE	NOTES	
Calamospiza melanocorys Lark Burting	5/1/2009	Risk downgraded from S3 to S4 due to stable to increasing population trends.	
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	Risk downgraded from S3 to S4 due to increasing trends in population and available habitat.	
Icterus spurius Ordard Oride	5/1/2009	Risk downgraded from S2S4 to S4 due to increasing population trends and habitats evaluated as less threatened than previously recognized.	
Sphyrapicus thyroideus Williamsoris 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 exstern Montana populations downgraded from S3 to S4 due to widespread occupancy of suitable habitat in exstern 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 orgoing concerns about diseases such as the pathogenic chytrid fungus Batrachochytrium dendrobatidis.	
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 Marshmail	7/1/2006	Dropped from consideration because taxonomic research indicated that the species' designation was invalid.	
Sorex hoyi 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 Skurk	7/1/2004	Moved 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 Oxl	8/1/2001	Dropped because species was found to be more common than previously recognized.	
Aechmophorus clarkii Clarks Grebe	8/1/2001	Moved to Species on Review list for undocumented reasons.	
Oreohelix sp. 3 Bearmouth Mountainsnail	8/1/2001	Dropped because tava had not been formally described as a species.	
Oreohelix sp. 5 Brurson 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 Drummord 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.	

SPECIES REMOVED FRO	DM STATEW	/IDE LIST		
SPECIES	DATE	NOTES		
Amnicola sp. 2 Lake Amicola	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.		
Oreohelix sp. 11 Subcarinate Mountainsnail	8/1/2001	Dropped because taxa had not been formally described as a species.		
Plegadis chihi Write-faced Ibis	9/1/1999	Dropped for undocumented ressons.		
Discus shimekii Striate Disc	9/1/1999	Dropped for undocumented ressons.		
Myotis evotis Lorg-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 previously 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 (Phrynosama dauglasi).		
Rana luteiventris Columbia Spotted Frog	6/1/1996	Dropped from USFWS Category 2 Candidate list.		
Ascaphus montanus Rocky Mountain Tailed Frog	6/1/1996	Dropped from USFWS Category 2 Candidate list.		
Platygobio gracilis Flathead Chub	6/1/1996	Dropped from USFWS Category 2 Candidate list.		
Hybognathus placitus Plains Mirrow	6/1/1996	Dropped from USFWS Category 2 Candidate list.		
Hybognathus argyritis Western Silvery Mirrow	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 ressons.		
Poecile hudsonicus Boreal Chickadee	3/1/1994	Dropped for undocumented ressons.		
Passerina cyanea Indigo Burting	3/1/1994	Dropped for undocumented ressons.		
Icterus spurius Ordrard Oriole	3/1/1994	Drapped for undocumented ressons.		
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 ressons.		
Rana luteiventris Columbia Spotted Frog	5/1/1993	Dropped for undocumented ressons.		
Myotis californicus California Myotis	9/1/1992	Drapped for undocumented reasons.		

SPECIES REMOVED F	ROM STATEW	/IDE LIST
SPECIES	DATE	NOTES
Sialia sialis Eastern Bluebird	9/1/1992	Drapped for undocumented reasons.
Numenius americanus Long-billed Curlew	9/1/1992	Dropped for undocumented reasons.
Buteo swainsoni Swainsonis Hawk	9/1/1992	Dropped for undocumented reasons.
Elgaria coerulea Northern Alligator Lizard	9/1/1992	Dropped for undocumented ressons.
Cycleptus elongatus Blue Sucker	5/1/1991	Dropped for undocumented ressons.
Taricha granulosa Rough-skinned Newt	2/27/1990	Dropped for undocumented reasons.
Sorex merriami Merriams Shrew	4/22/1987	Dropped for undocumented reasons.
Sorex hoyi Pygmy Shrew	4/22/1987	Dropped for undocumented reasons.
Spilogale gracilis Western Spotted Skunk	4/22/1987	Dropped for undocumented ressons.
Strix varia Barred Owl	4/22/1987	Dropped for undocumented reasons.
Dolichonyx oryzivorus Bobdink	4/22/1987	Dropped for undocumented ressons.
Spizella breweri Brewer's Sparrow	4/22/1987	Dropped for undocumented reasons.
Spizella pallida Cay-colored Sparrow	4/22/1987	Dropped for undocumented ressons.
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 Sawwhet 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 ressons.

SPECIES REMOVED FROM STATEWIDE LIST		
SPECIES	DATE	NOTES
Megascops kennicottii WesternScreech-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 (MAN	MMALIA)								12 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
Chaetodipus hispidus Hispid Pocket Mouse	Heteromyidae Pocket Mice / Kangaroo Rats	PSOC	C5	SNR	Custer	Miles City	7	Mixed grassland dry forest	Surveys needed in mixed grassland and open Ponderosa Pine forest in Carter County.
Erethizon dorsatum Porcupine	Erethizontidae Porcupines	PSOC	C5	S4	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 Jack Rabbit	Leporidae Rabbits	PSOC	G5	SNR	Beaverhead/Deerlodge	Dillon	3	Sagebrush grassland	Need summer and winter headight/spotlight surveys in sagebrush and grassland habitats across Beaverhead and Madison counties.
Marmota caligata Hoary Marmot	Sciuridae Squirres	PSOC	C5	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	C5	23	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	C5	23	Beaverhead/Deerlodge	Dillon	3	Sagebrush / grassland	Need surveys target grasslands and shrublands with sandier soils.
Spilogale gracilis Western Spotted Skunk	Mephitidae Skunks	PSOC	C5	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 Squirres	PSOC	C5	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	S2S4	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 Copher.
Urocitellus armatus Uinta Ground Squirrel	Sciuridae Squirrels	PSOC	G5	S3S4	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)									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 Ows	PSOC	C5	S3S4	Beaverhead/Deerlodge, Bitterroot, Custer, Flathead, Gallatin, Helena, Kootenai, Lewis and Clark, Lolo	Butte, Dillon, Missoula	1, 2, 3, 4, 5	Conifer forest	Need call playback surveys of conifer forests.
Bucephala islandica Barrows Goldeneye	Anatidae Swans / Geese / Ducks	PSOC	C5	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 Chirmey Swift	Apodidae Świfts	PSOC	G4C5	S3S4B	Custer	Butte, Glasgow, Havre, Miles City, Phillips, Upper Missouri River National Monument	5, 6, 7	Chirmeys, caves, hollow trees	Need surveys of potential roost sites.
Coccyzus americanus Yellow-billed Cuckoo	Cuculidae Cuckoos	SOC	Œ	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	C5	53	Flathead, Helena, Lewis and Clark, Lolo		1,4	Alpine	Need treeline/alpine surveys.
Leucosticte tephrocotis Gray-crowned Rosy-Finch	Fringillidae Finches	SOC	C5	S2B,S5N	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	C5	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 streamsurveys.
Megascops kennicottii Western Screech-Owl	Strigidae Ows	PSOC	G4G5	S3S4	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	C5	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 Hurmingbirds	PSOC	C5	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 OM	Strigidae Ows	SOC	G5	23	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	Strigidae	SOC	G5	S3	Flathead, Lewis and	1, 4	Conifer forest	Need surveys in conifer forests, especially in post-
Northern Hawk Owl	Owls				Clark, Kootenai			fire landscapes, within and around their known
								breeding range.

REPTILES (REP	REPTILES (REPTILIA) 7 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				
Chelydra serpentina Snapping Turtle	Chelydridae Snapping Turtles	SOC	C5	23	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	C5	23	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	G 5	SZ	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	S2		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 Pygny 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	Œ	S3	Beaverhead/Deerlodge, Custer, Gallatin, Helena, Lewis and Clark	Butte, Billings, Dillon, Gasgow, 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	C5	S3	Bitterroot, Kootenai, Lolo	Missoula	1, 2	Open conifer forest and adjacent grasslands	Need pitfall trap surveys targeting open conifer forests and adjacent grasslands.				

FISH (ACTINOP	FISH (ACTINOPTERYGII) 3 SPECIES													
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (CONWON)	MT STATUS	GLOBAL RANK	STATE RANK	USFS FOREST	BLM FIELD OFFICE	FWP REGION	HABITAT	COMMENTS					
Myoxocephalus thompsonii Deepwater Sculpin	Cottidae Sculpins	SOC	G5	S3		Havre	4	Deep mountain lakes	Only documented on the Canadian side of Upper Waterton Lake.					
Percopsis omiscomaycus Trout-perch	Percopsidae Trout-perch	SOC	G5	S2		Havre	4	Deep lakes, mountain streams	Need focal surveys of deepwater lake habitats and associated tributaries across their range: gillnetting, seining.					
Prosopium coulteri Pygmy Whitefish	Salmonidae Trout	SOC	C5	23	Flathead, Kootenai		1, 4	Deep mountain lakes and tributaries	Need gill netting and slat trap surveys of deepwater lake habitats.					

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

MAMMALS (MAM	MAMMALS (MAMMALIA) 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				
Synaptomys borealis Northern Bog Lemming	Cricetidae NewWorld Mice / Rats / Voles	SOC	C5	S2	Beaverhead/Deerlodge, Bitterroot, Flathead, Kootenai, Lewis and Clark, Lolo	Missoula	1, 2, 4	Conifer forest wetland	Baseline surveys date to the 1990s. Need surveys of wet meadow and fen habitats with sphagnummoss.				

BIRDS (AVES)	BIRDS (AVES) 2 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					
Leucosticte atrata Black Rosy-Finch	Fringillidae Finches	soc	G4	S2	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 (A	AMPHIBIANS (AMPHIBIA) 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				
Plethodon idahoensis Coeur d'Alene Salamander	Plethodontidae Lungless Salamanders	SOC	G4	SZ	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.				

INVERTEBRATES	INVERTEBRATES - 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	Œ	S1	Bitterroot, Lolo	Missoula	Region 2		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 (MAM	MALIA)								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	Missoula, Butte, 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 Jack Rabbit	Leporidae Rabbits	G	S4	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,	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	65	S5	Lewis and Clark, Helena, Custer Callatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Miles 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 Pika	Ochotonidae Pikas	65	S4	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	G	54	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	65	S4	Custer, Lewis and Clark	Billings, Gasgow, 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	65	54	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,	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	65	S5	Lewis and Clark, Helena, Custer Callatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai		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 fromspoil 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.
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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		Œ	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 Świfts		Œ	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,	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 Hurmingbirds		Œ	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 hilbide and open forest habitats during the known breeding period; preferably with trapping surveys to confirm reproduction.	
Bucephala albeola Bufflehead	Anatidae Swans / Geese / Ducks		G 5	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		Œ	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,	Wetlands	Species breeds in mountain lakes. Although they are detected on annual Wildife 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		Œ	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	GS	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 Pygny-Owl	Strigidae Owk	G4G5	54	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 MTN-P on portions of the Gallatin and Lewis and Clark National Forests.
Junco hyemalis aikeni Dark-eyed Junco (White- winged)	Passerellidae New World Sparrows	C 5T4	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	65	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, streamsurveys targeting this species are needed.
Selasphorus calliope Calliope Hummingbird	Trochilidae Hummingbirds	65	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.

17.7	rigidae wk	65	S4 Lewis and Helena, C Gallati Bitterr Flather Beaverh Deerlodge Kooter	, Lewistown ot, d, ad- Lolo,	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 MTN+P on portions of the Gallatin and Lewis and Clark National Forests.
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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	Boidae Boas		Œ	S4	Lewis and Clark, Helena, Custer Gallatin, Bitterroot, Flathead, Beaverhead- Deerlodge, Lolo, Kootenai	Missoula, Miles City, Butte, Billings, Dillon, Lewistown	1, 2, 3, 4, 5, 7	Montane forest	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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