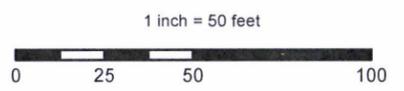


Legend

- Proposed Sediment Sample Location
- Facility Boundary
- Excavation Area



PROPOSED SEDIMENT SAMPLE LOCATION

PacifiCorp Transformer Yard, Bigfork, MT

Job#: PERCM24

Date: 11/18/2015

Path: M:\PERCM24\2015\Figures2_Sediment_Samples.mxd Author: jleprose

FIGURE 3

Montana Natural Heritage - SOC Report

Animal Species of Concern

11 Species of Concern

1 Special Status Species

Filtered by the following criteria:

Township = 027N020W (based on mapped Species Occurrences)

Species List Last Updated 06/23/2015



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

[Expand All](#) | [Collapse All](#)

Introduction

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 and have declining trends and as a result are at risk or potentially at risk of extirpation in Montana.

This report on **Montana Animal Species of Concern** is produced jointly by the Montana Natural Heritage Program (MTNHP) and Montana Department of Fish, Wildlife, and Parks (MFWP). 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 for 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 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** (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. Horned Lark is a 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 pallasi*), Passenger Pigeon (*Ectopistes migratorius*), Pilose Crayfish (*Pacifastacus gambelii*), and Rocky Mountain Locust (*Melanoplus spretus*). Designation as a Montana 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 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 Ornithologists Union, 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 S3 (S4), 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 extensive 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 G4G4 and 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 below 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. 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 multiple counties 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.

Heritage Program Ranks

The international network of Natural Heritage Programs employs a standardized ranking system to denote **global** (range-wide) and **state** status (NatureServe 2006). Species are assigned ranging from 1 (highest risk, greatest concern) to 5 (demonstrably secure, least concern), reflecting the relative degree of risk to the species' viability, based upon available information, assigned by scientists at NatureServe (the international affiliate organization for the heritage network) in consultation with biologists in the natural heritage programs and other taxonomists.

A number of factors are considered in assigning state ranks — population size, area of occupancy in Montana, short and long-term population trends, threats, intrinsic vulnerability, and environment. Based on these factors, a preliminary rank is calculated and is reviewed by members of the Montana Chapter of the Wildlife Society and Montana Chapter of the American Ornithologists Union. A committee of biologists from MNHP and MFWP then review these rankings for consistent documentation and application of the criteria. Detailed documentation of the criteria process are available on the MTNHP website at: http://mtnhp.org/animal/2004_SOC_Criteria.pdf

Among other things, the combination of global and state ranks often helps describe the proportion of a species' range and/or total population occurring in Montana. For instance, a rank that Montana comprises most or a very significant portion of an animal's total population. In contrast, an animal ranked G5 S1 often occurs in Montana at the periphery of its much larger range, supporting a relatively small portion of its total population.

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.
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 habitat, and small likelihood that it will ever be rediscovered.
GH	SH	Historical, known only from records usually 40 or more years old; may be rediscovered.
GNR	SNR	Not Ranked as of yet.
GU	SU	Unrankable - Species currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
GNA	SNA	A conservation status rank is not applicable because the species or ecosystem is not a suitable target for conservation activities as a result of being: 1) not confidently present, 2) exotic or introduced; 3) a long distance migrant with accidental or irregular stopovers; or 4) a hybrid without conservation value.

Combination or Range Ranks

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

Sub-rank

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

Qualifiers

Q **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 the entity being classified as 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 rank, e.g. G3Q

? **Inexact Numeric Rank** - Denotes uncertainty; inexactness.

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, but whose species may have bred on the few occasions they were recorded.

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.g. 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

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

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

Designation Descriptions

- LE Listed endangered:** Any species in danger of extinction throughout all or a significant portion of its range (16 U.S.C. 1532(6)).
- LT Listed threatened:** Any species likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range (16 U.S.C. 1532(20)).
- C Candidate:** Those taxa for which sufficient information on biological status and threats exists to propose to list them as threatened or endangered. We encourage their conservation planning and partnerships; however, none of the substantive or procedural provisions of the Act apply to candidate species.
- DM Recovered, delisted, and being monitored** - Any previously listed species that is now recovered, has been delisted, and is being monitored.
- NL Not listed** - No designation.
- XE Experimental - Essential population** - An experimental population whose loss would be likely to appreciably reduce the likelihood of the survival of the species in the wild.
- XN Experimental - Nonessential population** - An experimental population of a listed species reintroduced into a specific area that receives more flexible management under the Act.
- CH Critical Habitat** - The specific areas (i) within the geographic area occupied by a species, at the time it is listed, on which are found those physical or biological features (I) of such 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, the loss of which would be likely to reduce the ability of the species to recover from or to withstand other threats to the species which are not the result of the listing of the species.
- PS Partial status** - status in only a portion of the species' range. Typically indicated in a "full" species record where an infraspecific taxon or population, that has a record in the status, but the entire species does not.
- PS:value Partial status** - status in only a portion of the species' range. The value of that status appears in parentheses because the entity with status is not recognized as a valid taxon (usually a population defined by geopolitical boundaries or defined administratively, such as experimental populations.)
- For example, Yellow-billed Cuckoo (*Coccyzus americanus*) is ranked **PS:C**. Partial Status - Candidate. Designated as a Candidate in the Western U.S. Distinct Population Segment (*occidentalis*)
- BGEPA 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 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 transport, import, at any time or in any manner, any bald eagle ... [or any golden eagle], alive or dead, or any part, nest, or egg thereof. The BGEPA defines take as pursue, shoot, snare, trap, 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, or 3) nest abandonment, by interfering with normal breeding, feeding, or sheltering behavior. In addition to immediate impacts, this definition also covers impacts that result from human-induced alterations 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 interferes with normal breeding, feeding, or sheltering habits and causes, or is likely to cause, a loss of productivity or nest abandonment.
- MBTA 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 for the 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, U.S. Fish and Wildlife Service (USFWS) permit or regulatory authorization, are a violation of the MBTA. The MBTA states, "Unless and except as permitted by regulations ... in any time, by any means, or in any manner to pursue, hunt, take, capture, kill ... possess, offer for sale, sell ... purchase ... ship, export, import ... transport or cause to be transported, any part, nest, or egg of any such bird [The Act] prohibits the taking, killing, possession, transportation, import and export of migratory birds, their eggs, or their parts, 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." The USFWS maintains a list of species protected by the MBTA at 50 CFR 10.13. This list includes over 1000 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 that are not native to the United States or species groups not explicitly covered under the MBTA; these include species such as the house sparrow, rock dove (pigeon), Eurasian collared-dove, and non-migratory upland game birds.
- BCC** 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 birds without additional conservation actions, are likely to become candidates for listing under the Endangered Species Act. **Birds of Conservation Concern 2008 (BCC 2008)** is a list of birds 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 endangered) that represent the Service's highest conservation priorities.

Bureau of Land Management

BLM Sensitive Species are defined by the BLM 6840 Manual as those that normally occur on BLM administered lands for which BLM has the capability to significantly affect the conservation of the species through management. Such species should be managed to the level of protection required by State laws or under the BLM policy for candidate species, whichever would provide better conservation. The State Director may designate additional categories of special status species as appropriate and applicable to his or her state's needs. The sensitive species designation, federally listed, proposed, or candidate species, may include such native species as those that:

- could become endangered in or extirpated from a state, or within a significant portion of its distribution in the foreseeable future.
- are under status review by the U.S. Fish and Wildlife Service and/or National Marine Fisheries Service,
- are undergoing significant current or predicted downward trends in habitat capability that would reduce a species' existing distribution,
- are undergoing significant current or predicted downward trends in population or density such that federally listed, proposed, candidate, or State listed status may become necessary,
- have typically small and widely dispersed populations,
- are inhabiting ecological refugia, specialized or unique habitats, or
- are State listed but which may be better conserved through application of BLM sensitive species status.

Designation Descriptions

- Sensitive** Denotes species listed as sensitive on BLM lands
- Special Status** Denotes species that are listed as Endangered or Threatened under the Endangered Species Act

U.S. Forest Service

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 habitat capacity. The Regional Forester (Northern Region) designates Sensitive species on National Forests in Montana. These designations were last updated in 2008 and apply only on USFS-administered lands.

Designation Descriptions

- Sensitive** Listed as a Sensitive Species by USFS Northern Region (R1)
- Endangered** Listed as Endangered under the Endangered Species Act
- Threatened** Listed as Threatened under the Endangered Species Act

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 private citizens who 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 conservation efforts that can be better understood and managed.

Selected References

- Abbott, J.C. 2006. Odonata Central: An online resource for the Odonata of North America. Austin, TX. (Accessed: July 28, 2009). <http://www.odonatacentral.com>
- Acorn, J. 2004. *Damselflies of Alberta: flying neon toothpicks in grass*. Edmonton, Alberta: University of Alberta Press. 156 p.
- Brown, C.J.D. 1971. *Fishes of Montana*. Bozeman, MT: Montana State University. 207 p.
- Flath, D.L. 1984. Vertebrate species of special interest or concern. Helena, MT: Montana Department of Fish, Wildlife and Parks. 76 p.
- Flath, D.L. 1998. Species of special interest or concern. Helena, MT: Montana Department of Fish, Wildlife and Parks. 7 p.
- Frest, T.J. and E.J. Johannes. 1995. Interior Columbia Basin mollusk species of special concern. Final report to the Interior Columbia Basin Ecosystem Management Project, Walla Walla, WA. appendices.
- Foresman, K.R. 2001. *The wild mammals of Montana*. Special Publication No. 12. Lawrence, KS: The American Society of Mammalogists. 278 p.
- Hand, R.L. 1969. A distributional checklist of the birds of western Montana. Unpublished manuscript available from the Montana State Library, Helena, MT. 55 p.

Hendricks, P., B.A. Maxell, S. Lenard, C. Currier, and J. Johnson. 2006. Riparian bat surveys in eastern Montana. Report to the USDI Bureau of Land Management, Montana State of Natural Heritage Program. 13 p. + appendices.

Hendricks, P., B.A. Maxell, S. Lenard, and C. Currier. 2007. Land mollusk surveys on USFS Northern Region Lands: 2006. Report to the USDA Forest Service, Northern Region. Heler Heritage Program. 11 pp. + appendices.

Hendricks, P., B.A. Maxell, S. Lenard, and C. Currier. 2008. Surveys and predicted distribution models for land mollusks on USFS Northern Region Lands: 2007. Report to the USDA Region. Helena, MT: Montana Natural Heritage Program. 12 pp. + appendices.

Hoffman, R.L. 1999. Checklist of the millipeds of North and Middle America. Special Publication No. 8. Martinsville, VA: Virginia Museum of Natural History. 584 p.

Hoffmann, R.S. and D.L. Pattie. 1968. A guide to Montana mammals. Missoula, MT: University of Montana Printing Services. 133 p.

Holton, G.D. and H.E. Johnson. 2003. *A field guide to Montana fishes*. Third Edition. Helena, MT: Montana Department of Fish, Wildlife, and Parks. 95 p.

Kohler, S. 1980. Checklist of Montana butterflies (Rhopalocera). *Journal of the Lepidopterists' Society* 34(1):1-19.

Lenard, S., J. Carlson, J. Ellis, C. Jones, and C. Tilly. 2003. *P.D. Skaar's Montana bird distribution*. Sixth edition. Helena, MT: Montana Audubon. 144 p.

Lenard, S., B.A. Maxell, P. Hendricks, and C. Currier. 2007. Bat Surveys on USFS Northern Region 1 Lands in Montana: 2006. Report to the USDA Forest Service, Northern Region. I Program, Helena, Montana 23 pp. plus appendices.

Lewis, J.J. 2001. Three new species of subterranean assellids from western North America, with a synopsis of the species of the region (Crustacea: Isopoda: Asellidae). *Texas Memo Monographs* 5:1-15.

Maxell, B.A., J.K. Werner, P. Hendricks, and D. Flath. 2003. *Herpetology in Montana: a history, status summary, checklists, dichotomous keys, accounts for native, potentially native indexed bibliography*. Olympia, WA: Society for Northwestern Vertebrate Biology. Northwest Fauna 5: 1-138.

Miller, K.B. and D.L. Gustafson. 1996. Distribution records of the Odonata of Montana. *Bulletin of American Odonatology* 3(4):75-88.

[Montana Fish Wildlife and Parks]. 2005. Montana's comprehensive fish and wildlife conservation strategy. Helena, MT: Montana Fish, Wildlife & Parks. 658 p.

Montana Natural Heritage Program and Montana Fish Wildlife and Parks. 2009. Montana animal Species of Concern. Helena, MT: Montana Natural Heritage Program and Montana De and Parks. 17 p.

NatureServe. 2009. NatureServe Explorer: An on-line encyclopedia of life [web application]. Version 7.1. Arlington, VA. (Accessed: July 28, 2009). <http://www.natureserve.org/>

Opler, P.A., H. Pavulaan, R.E. Stanford, and M. Pogue (coordinators). 2006. Butterflies and moths of North America. Bozeman, MT: NBII Mountain Prairie Information Node. (Access <http://www.butterfliesandmoths.org/>)

Paulson, D.R. 2009. *Dragonflies and damselflies of the West*. Princeton, NJ: Princeton University Press. 535 p.

Pearson, D.L., C.B. Knisley, and C.J. Kazilek. 2006. *A field guide to the tiger beetles of the United States and Canada: identification, natural history, and distribution of the Cicindelic* University Press. 227 p.

Regan, T.J., L.L. Master, and G.A. Hammerson. 2004. Capturing expert knowledge for threatened species assessments: a case study using NatureServe conservation status ranks. *A* 107.

Roemhild, G. 1975. The damselflies (Zygoptera) of Montana. Montana Agricultural Experiment Station Research Report 87. Bozeman, MT: Montana State University. 53 p.

Saunders, A.A. 1921. A distributional list of the birds of Montana with notes on the migration and nesting of the better known species. Pacific Coast Avifauna Number 14. Berkeley, C Club. 194 p.

Stagliano, D.M. 2008. *Freshwater mussels of Montana*. Helena, MT: Montana Natural Heritage Program. 20 p.

Stagliano, D.M., G.M. Stephens, and W.R. Bosworth. 2007. Aquatic invertebrate Species of Concern on USFS Northern Region Lands. Report to USDA Forest Service, Northern Region Natural Heritage Program. 95 pp. + appendices.

Thompson, L.S. 1982. Distribution of Montana amphibians, reptiles, and mammals. Helena, MT: Montana Audubon Council. 24 p.

Wang, D. and J.R. Holsinger. 2001. Systematics of the subterranean amphipod genus *Stygobromus* (Crangonyctidae) in western North America, with emphasis on the hubbsi group.

Werner, J.K., B.A. Maxell, P. Hendricks, and D. Flath. 2004. *Amphibians and reptiles of Montana*. Missoula, MT: Mountain Press Publishing Company. 262 p.

Westfall, M.J., Jr. and M.L. May. 1996. *Damselflies of North America*. Gainesville, FL: Scientific Publishers. 650 p.

Westfall, M.J. Jr. and M.L. May. 2000. *Dragonflies of North America*. Revised Edition Gainesville, FL: Scientific Publishers. 940 p.

Wright, P.L. 1996. Status of rare birds in Montana with comments on known hybrids. *Northwest Naturalist* 77(3):57-85.

Contact Information

For questions or comments specific to this publication or for specific zoology related questions, please contact:

Bryce A. Maxell
Senior Zoologist
bmaxell@mt.gov
(406) 444-3655

For general questions and zoology-related data requests please use the Information Request function on our website (www.mtnhp.org) or the general MTNHP contact info below.

Montana Natural Heritage Program
P.O. Box 201800 Phone: (406) 444-3290
1515 E. 6th Ave. Fax: (406) 444-0581
Helena, MT 59620-1800 E-mail: mtnhp@mt.gov

Species of Concern

Species of Concern									
11 Species									
Filtered by the following criteria:									
Township = 027N020W (based on mapped Species Occurrences)									
MAMMALS (MAMMALIA)							2 SPECIES		
							TOWNSHIP = 027N020W (based on mapped Species Occurrences)		
SCIENTIFIC NAME	FAMILY (SCIENTIFIC)	GLOBAL	STATE	USFWS	USFS	BLM	MNPS THREAT	HABITAT	
COMMON NAME	FAMILY (COMMON)	RANK	RANK				CATEGORY		
TAXA SORT									
Lasiorus cinereus	Vespertilionidae	G3G4	S3					Riparian and forest	
Hoary Bat	Bats	Species Occurrences verified in these Counties: Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Carter, Cascade, Chouteau, Custer, Daniels, 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, Sheridan, Silver Bow, Stillwater, Sweet Grass, Teton, Toole, Treasure, Valley, Wheatland, Wibaux, Yellowstone							
Myotis lucifugus	Vespertilionidae	G3	S3					Generalist	
Little Brown Myotis	Bats	Species Occurrences verified in these Counties: Beaverhead, Big Horn, Blaine, Broadwater, Carbon, Carter, Cascade, Chouteau, Custer, Daniels, Dawson, Deer Lodge, Fallon, Fergus, Flathead, Gallatin, Garfield, Glacier, Golden Valley, Granite, Hill, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, McCone, Meagher, Mineral, Missoula, Musselshell, Park, Petroleum, Phillips, Pondera, Powder River, Powell, Prairie, Ravalli, Richland, Roosevelt, Rosebud, Sanders, Sheridan, Silver Bow, Stillwater, Sweet Grass, Teton, Toole, Treasure, Valley, Wheatland, Wibaux, Yellowstone							

BIRDS (AVES)										6 SPECIES
										TOWNSHIP = 027N020W (based on mapped Species Occurrences)
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	MNPS THREAT CATEGORY	HABITAT		
Ardea herodias Great Blue Heron	Ardeidae Bitterns / Egrets / Herons / Night-Herons	G5	S3					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, Sheridan, Silver Bow, Stillwater, Sweet Grass, Teton, Treasure, Valley, Wheatland, Wibaux, Yellowstone State Rank Reason: Small breeding population size, evidence of recent declines, and declining regeneration of riparian cottonwood forests due to altered hydrology and grazing.										
Certhia americana Brown Creeper	Certhiidae Creeper	G5	S3					Moist conifer forests		
Species Occurrences verified in these Counties: Beaverhead, Broadwater, Carbon, Carter, Cascade, Chouteau, Deer Lodge, Fergus, Flathead, Gallatin, Glacier, Golden Valley, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Musselshell, Park, Pondera, Powder River, Powell, Ravalli, Rosebud, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Wheatland										
Coccythraustes vespertinus Evening Grosbeak	Fringillidae Finches	G5	S3					Conifer forest		
Species Occurrences verified in these Counties: Beaverhead, Broadwater, Carter, Cascade, Chouteau, Fergus, Flathead, Gallatin, Glacier, Golden Valley, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Musselshell, Park, Pondera, Powder River, Powell, Ravalli, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Wheatland State Rank Reason: Populations in Montana and across North America have experienced rangewide declines, although the causes of these declines are unclear (Bonter and Harvey 2008).										
Dryocopus pileatus Pileated Woodpecker	Picidae Woodpeckers	G5	S3					Moist conifer forests		
Species Occurrences verified in these Counties: Beaverhead, Broadwater, Cascade, Deer Lodge, Flathead, Gallatin, Glacier, Granite, Jefferson, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Powell, Ravalli, Sanders, Silver Bow										
Haemorhous cassinii Cassin's Finch	Fringillidae Finches	G5	S3					Drier conifer forest		
Species Occurrences verified in these Counties: Beaverhead, Big Horn, Broadwater, Carbon, Cascade, Chouteau, Custer, Deer Lodge, Fergus, Flathead, Gallatin, Glacier, Golden Valley, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Musselshell, Park, Petroleum, Phillips, Powder River, Powell, Ravalli, Rosebud, Sanders, Silver Bow, Stillwater, Sweet Grass, Teton, Wheatland, Yellowstone										
Sterna hirundo Common Tern	Laridae Gulls / Terns	G5	S3B				SENSITIVE	Large rivers, lakes		
Species Occurrences verified in these Counties: Blaine, Broadwater, Cascade, Chouteau, Daniels, Flathead, Hill, Lake, McCone, Petroleum, Phillips, Roosevelt, Sheridan, Teton, Valley										
FISH (ACTINOPTERYGII)										3 SPECIES
										TOWNSHIP = 027N020W (based on mapped Species Occurrences)
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	MNPS THREAT CATEGORY	HABITAT		
Oncorhynchus clarkii lewisi Westslope Cutthroat Trout	Salmonidae Trout	G4T3	S2		SENSITIVE	SENSITIVE		Mountain streams, rivers, lakes		
Species Occurrences verified in these Counties: Beaverhead, Broadwater, Cascade, Chouteau, Deer Lodge, Fergus, Flathead, Gallatin, Glacier, Granite, Jefferson, Judith Basin, Lake, Lewis and Clark, Lincoln, Madison, Meagher, Mineral, Missoula, Park, Pondera, Powell, Ravalli, Sanders, Silver Bow, Teton, Wheatland										
Prosopium coulteri Pygmy Whitefish	Salmonidae Trout	G5	S3					Deep cold lakes		
Species Occurrences verified in these Counties: Flathead, Lake, Lincoln, Missoula										
Salvelinus confluentus Bull Trout	Salmonidae Trout	G4	S2	LT	THREATENED	SPECIAL STATUS		Mountain streams, rivers, lakes		
Species Occurrences verified in these Counties: Deer Lodge, Flathead, Glacier, Granite, Lake, Lewis and Clark, Lincoln, Mineral, Missoula, Powell, Ravalli, Sanders										

Potential Species of Concern

Potential Species of Concern 0 Species Filtered by the following criteria: Township = 027N020W (based on mapped Species Occurrences)

Special Status Species

Special Status Species 1 Species Filtered by the following criteria: Township = 027N020W (based on mapped Species Occurrences)

BIRDS (AVES)										1 SPECIES
										TOWNSHIP = 027N020W (based on mapped Species Occurrences)
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	MNPS THREAT CATEGORY	HABITAT		
Haliaeetus leucocephalus Bald Eagle	Accipitridae Hawks / Kites / Eagles	G5	S4	DM; BGPEA; MBTA; BCC	SENSITIVE	SENSITIVE		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.										

Additions To Statewide List

Species Removed From Statewide List

Species of Greatest Inventory Need

Citation for data on this website:
 Montana Animal Species of Concern Report. Montana Natural Heritage Program and Montana Fish, Wildlife and Parks. Retrieved on 4/4/2016, from <http://mtnhp.org/SpeciesOfConcern/?AorP=a>

Montana Natural Heritage - SOC Report

Plant Species of Concern

Species List Last Updated 06/23/2015

3 Species of Concern

Filtered by the following criteria:

Township = 027N020W (based on mapped Species Occurrences)



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

Expand All | Collapse All

Introduction

Species of Concern

Species of Concern

3 Species

Filtered by the following criteria:

Township = 027N020W (based on mapped Species Occurrences)

FLOWERING PLANTS - MONOCOTS (LILIOPSIDA)										3 SPECIES
										TOWNSHIP = 027N020W (based on mapped Species Occurrences)
SCIENTIFIC NAME COMMON NAME TAXA SORT	FAMILY (SCIENTIFIC) FAMILY (COMMON)	GLOBAL RANK	STATE RANK	USFWS	USFS	BLM	MMNS THREAT CATEGORY	HABITAT		
Carex comosa Bristly Sedge	Cyperaceae Sedges	G5	S1S2				1	Wetland/Riparian		
		Species Occurrences verified in these Counties: Flathead State Rank Reason: Only one known location in Montana on the shore of Flathead Lake. Occurrence is threatened by erosion caused by wave action and artificially high lake levels.								
Najas guadalupensis Guadalupe Water-nymph	Najadaceae Water-nymph Family	G5	S2S3					Aquatic		
		Species Occurrences verified in these Counties: Carter, Cascade, Flathead, Lake, Ravalli State Rank Reason: Rare. Currently documented from a few fresh water sites in the western and central portions of the state. Species is poorly documented in Montana and additional information on population levels, trends and threats is needed.								
Wolffia columbiana Columbia Water-meal	Lemnaceae Duckweeds	G5	S2S3					Aquatic		
		Species Occurrences verified in these Counties: Flathead, Lake, Missoula, Ravalli State Rank Reason: Rare. Known from several water bodies in the valleys of western Montana. Additional information on the species is needed within Montana to more precisely determine the species' conservation status.								

Potential Species of Concern

Potential Species of Concern

0 Species

Filtered by the following criteria:

Township = 027N020W (based on mapped Species Occurrences)

Special Status Species

Special Status Species

0 Species

Filtered by the following criteria:

Township = 027N020W (based on mapped Species Occurrences)

Additions To Statewide List

Species Removed From Statewide List

Citation for data on this website:
Montana Plant Species of Concern Report. Montana Natural Heritage Program. Retrieved on 4/4/2016, from <http://mtnhp.org/SpeciesOfConcern/?AorP=p>



Latitude 48.05615
Longitude -114.06897
48.06350 -114.07652



Montana Generalized Observations Report

Report generated 3/25/2016 7:54:53 PM

Generalized Observations for ((All Amphibians))



No Observations were found at this location with the filters selected.

Citation for this report:
 Montana Generalized Observations Report
 Generalized Observations for ((All Amphibians))
 Within Lat/Long: (48.05615, -114.06897) to (48.06350, -114.07652)
 Natural Heritage Map Viewer. Montana Natural Heritage Program.
 Retrieved on March 25, 2016, from <http://mtnhp.org/mapviewer/GenOBSReport.aspx>



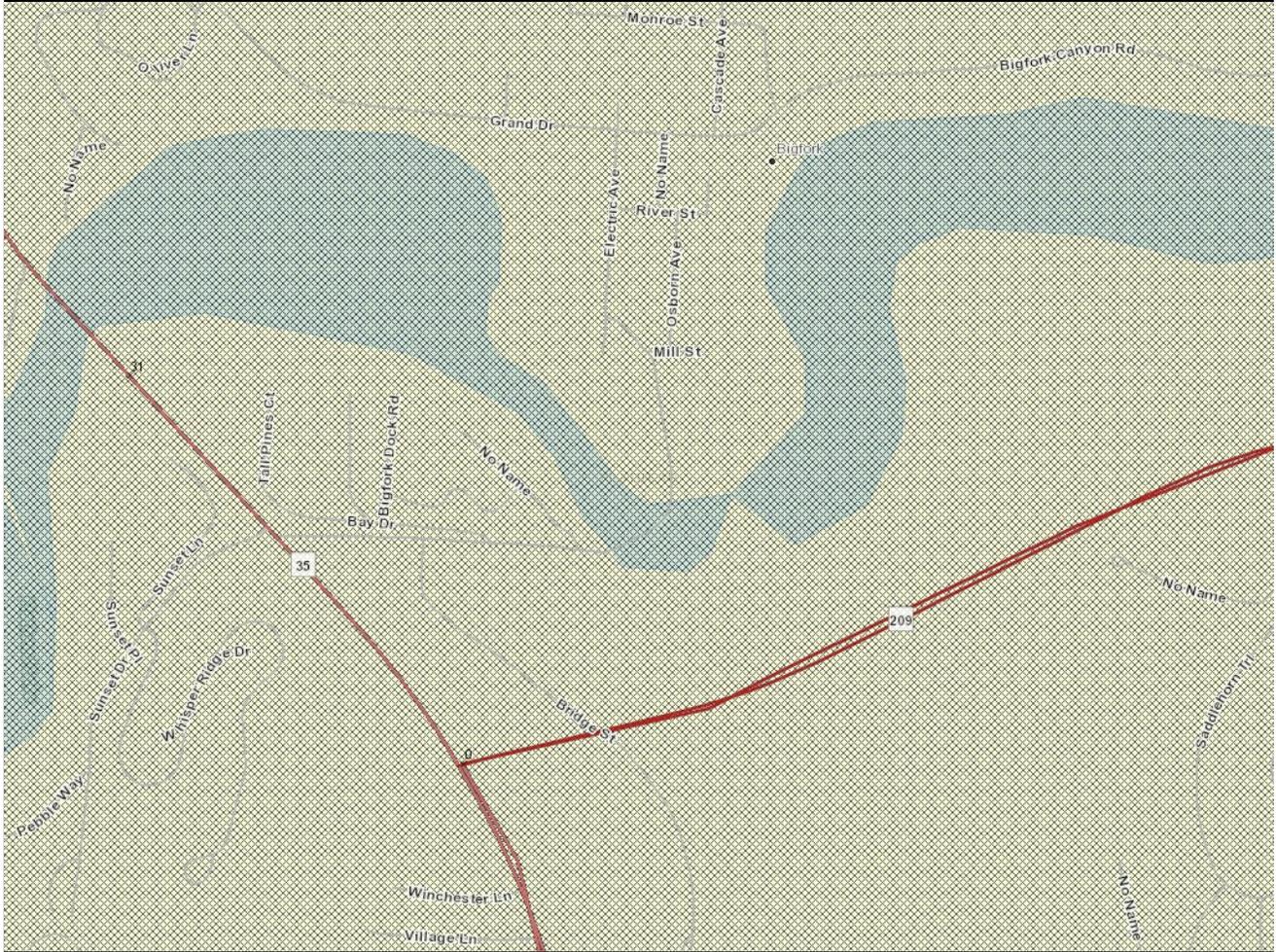
Latitude 48.05615
Longitude -114.06897
48.06350 -114.07652



Montana Generalized Observations Report

Report generated 3/25/2016 7:55:36 PM

Generalized Observations for ((All Fish))



No Observations were found at this location with the filters selected.

Citation for this report:
 Montana Generalized Observations Report
 Generalized Observations for ((All Fish))
 Within Lat/Long: (48.05615, -114.06897) to (48.06350, -114.07652)
 Natural Heritage Map Viewer. Montana Natural Heritage Program.
 Retrieved on March 25, 2016, from <http://mtnhp.org/mapviewer/GenOBSReport.aspx>



MONTANA
Natural Heritage
Program

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

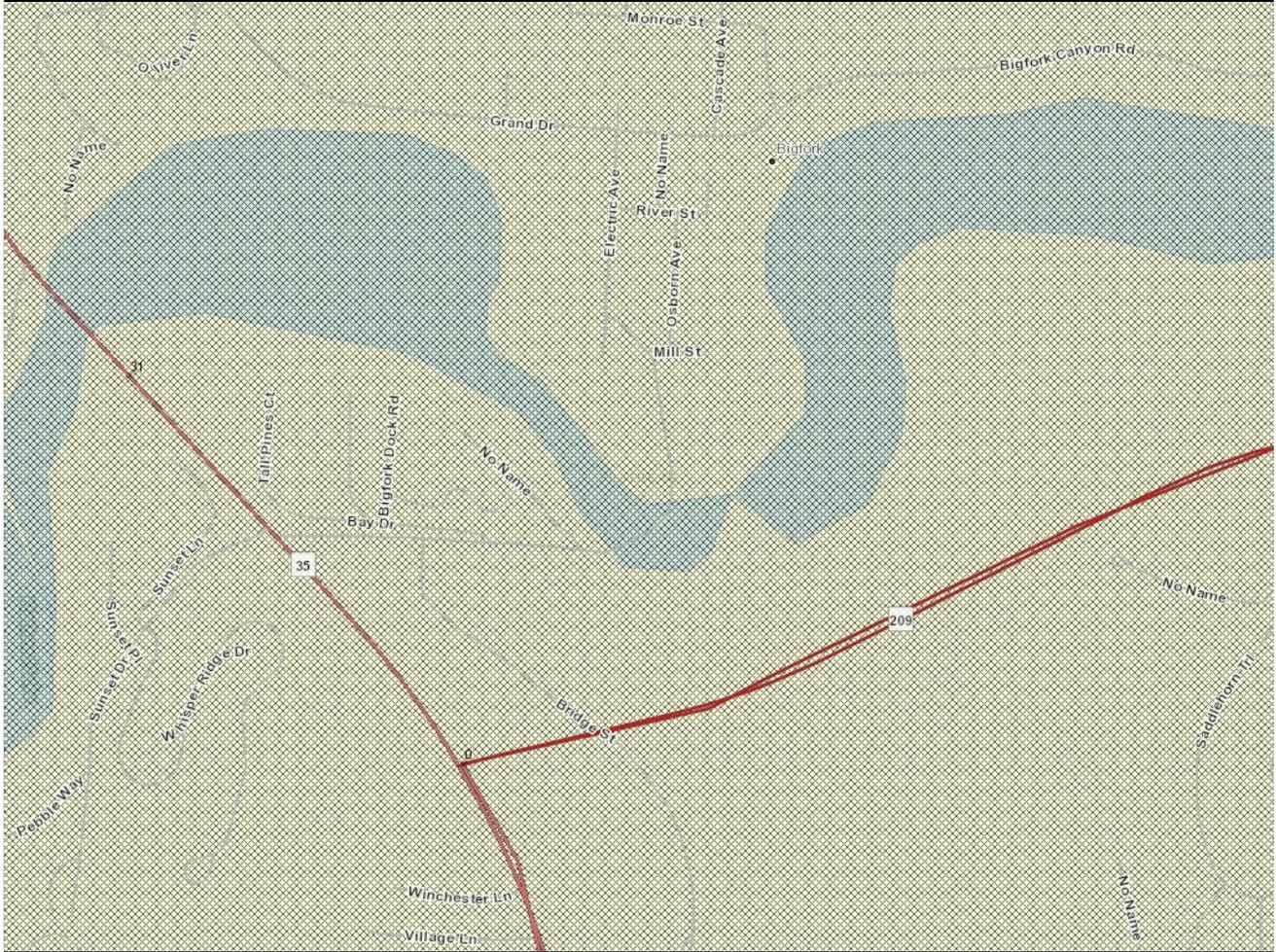
Latitude 48.05615
Longitude -114.06897
48.06350 -114.07652



Montana Generalized Observations Report

Report generated 3/25/2016 7:56:40 PM

Generalized Observations for (All Invertebra)



No Observations were found at this location with the filters selected.

Citation for this report:
Montana Generalized Observations Report
Generalized Observations for (All Invertebra)
Within Lat/Long: (48.05615, -114.06897) to (48.06350, -114.07652)
Natural Heritage Map Viewer. Montana Natural Heritage Program.
Retrieved on March 25, 2016, from <http://mtnhp.org/mapviewer/GenOBSReport.aspx>



Latitude 48.05615
 Longitude -114.06897
 48.06350 -114.07652



Montana Generalized Observations Report

Report generated 3/25/2016 7:51:15 PM

Generalized Observations for ((All Mammals))



No Observations were found at this location with the filters selected.

Citation for this report:
 Montana Generalized Observations Report
 Generalized Observations for ((All Mammals))
 Within Lat/Long: (48.05615, -114.06897) to (48.06350, -114.07652)
 Natural Heritage Map Viewer. Montana Natural Heritage Program.
 Retrieved on March 25, 2016, from <http://mtnhp.org/mapviewer/GenOBSReport.aspx>



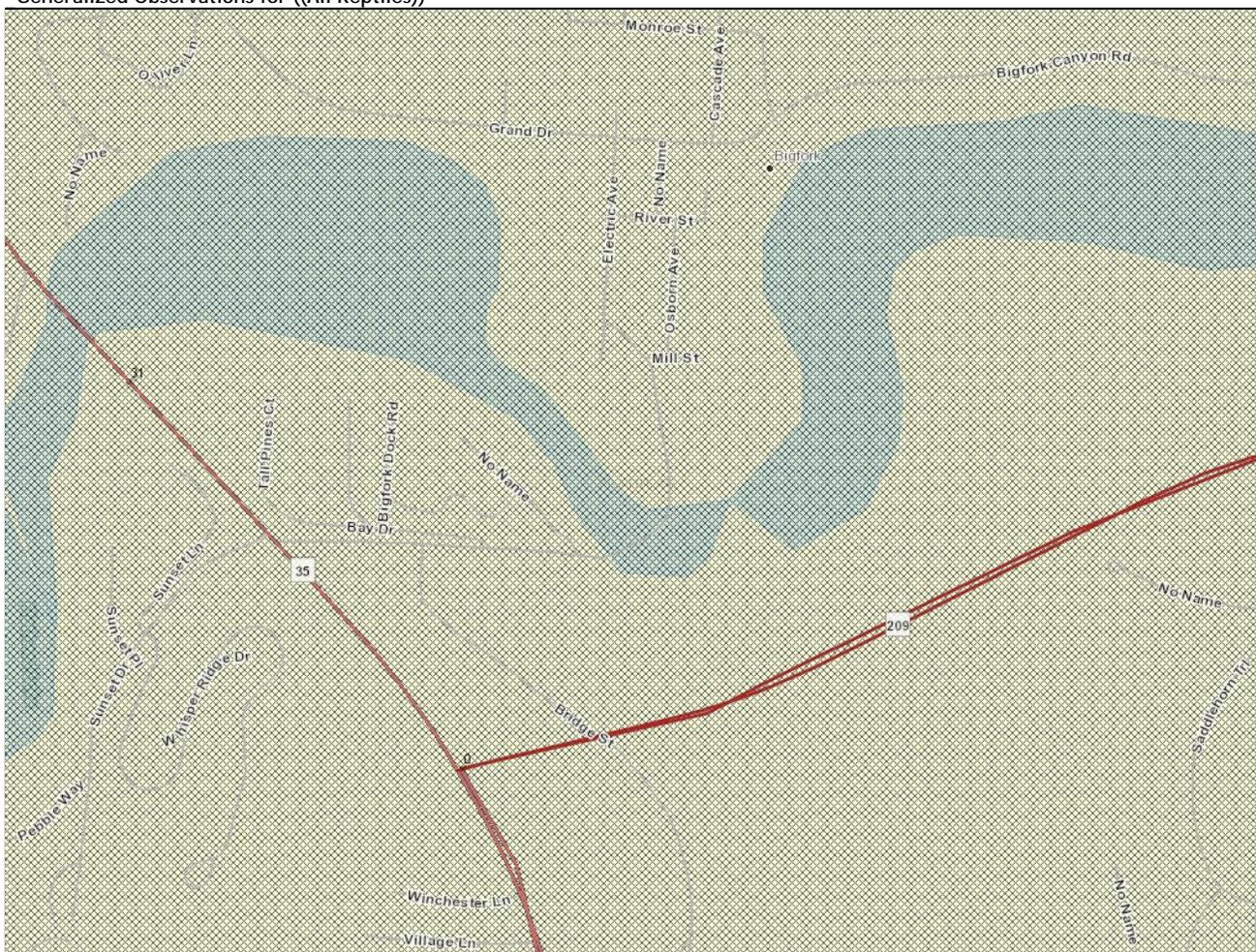
Latitude 48.05615
Longitude -114.06897
48.06350 -114.07652



Montana Generalized Observations Report

Report generated 3/25/2016 7:54:00 PM

Generalized Observations for ((All Reptiles))



⊕ Reptiles - Common Gartersnake (<i>Thamnophis sirtalis</i>)	Obs Count: 1	Earliest Obs: 1904	Recent Obs: 1904
⊕ Reptiles - Painted Turtle (<i>Chrysemys picta</i>)	Obs Count: 1	Earliest Obs:	Recent Obs:
⊕ Reptiles - Terrestrial Gartersnake (<i>Thamnophis elegans</i>)	Obs Count: 2	Earliest Obs: 1979	Recent Obs: 1979

Citation for this report:
 Montana Generalized Observations Report
 Generalized Observations for ((All Reptiles))
 Within Lat/Long: (48.05615, -114.06897) to (48.06350, -114.07652)
 Natural Heritage Map Viewer. Montana Natural Heritage Program.
 Retrieved on March 25, 2016, from <http://mtnhp.org/mapviewer/GenOBSReport.aspx>



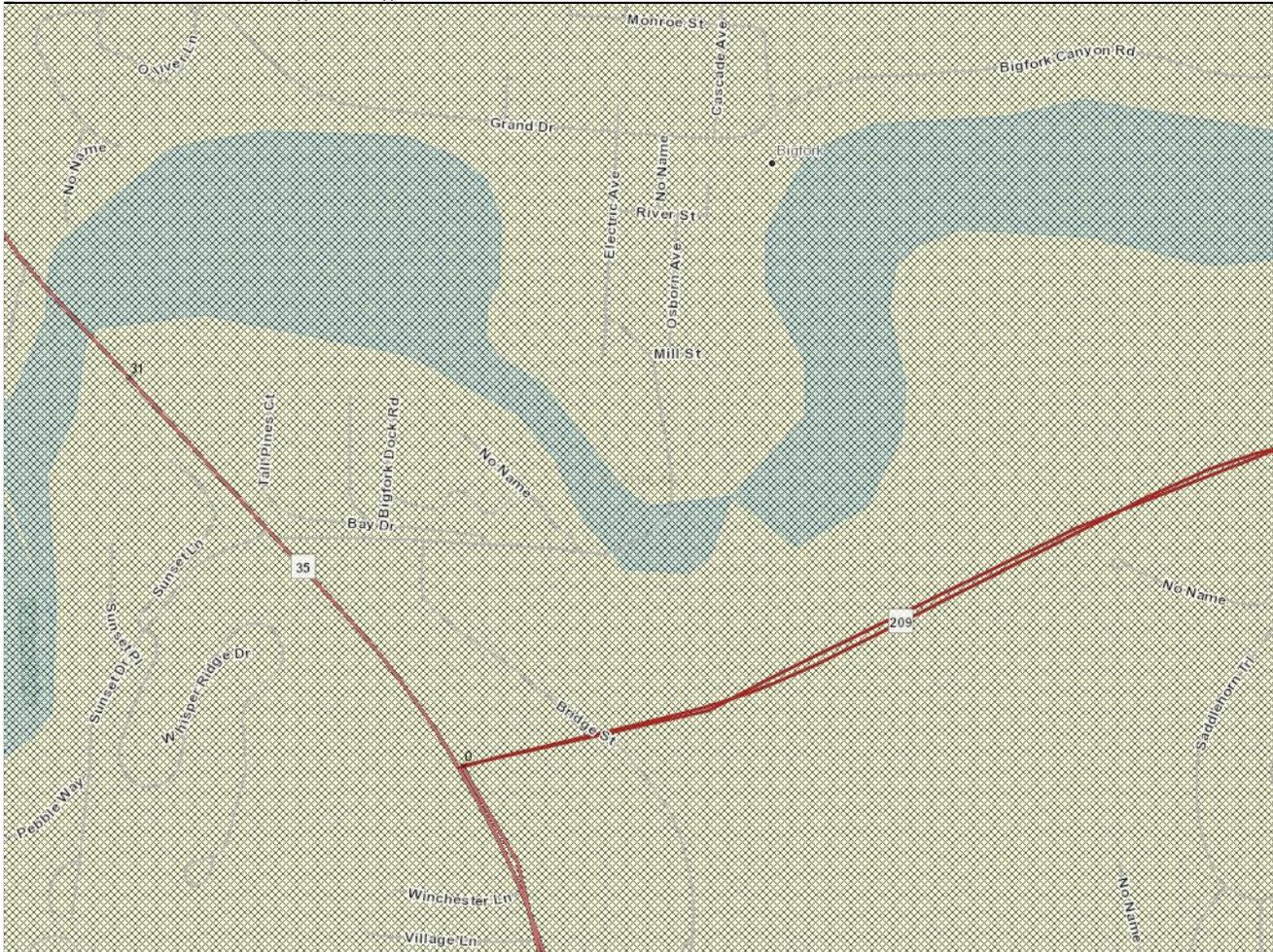
Latitude 48.05615
Longitude -114.06897
48.06350 -114.07652



Montana Generalized Observations Report

Report generated 3/25/2016 7:52:46 PM

Generalized Observations for ((All Birds))



+	Birds - American Crow (<i>Corvus brachyrhynchos</i>)	Obs Count: 2	Earliest Obs: 2001	Recent Obs: 2007
+	Birds - American Goldfinch (<i>Spinus tristis</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - American Robin (<i>Turdus migratorius</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Bald Eagle (<i>Haliaeetus leucocephalus</i>)	Obs Count: 2	Earliest Obs: 2001	Recent Obs: 2009
+	Birds - Black-billed Magpie (<i>Pica hudsonia</i>)	Obs Count: 1	Earliest Obs: 2001	Recent Obs: 2001
+	Birds - Black-capped Chickadee (<i>Poecile atricapillus</i>)	Obs Count: 3	Earliest Obs: 2001	Recent Obs: 2009
+	Birds - Black-headed Grosbeak (<i>Pheucticus melanocephalus</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Blue Jay (<i>Cyanocitta cristata</i>)	Obs Count: 1	Earliest Obs: 2001	Recent Obs: 2001
+	Birds - Bohemian Waxwing (<i>Bombycilla garrulus</i>)	Obs Count: 1	Earliest Obs: 2001	Recent Obs: 2001
+	Birds - Brown Creeper (<i>Certhia americana</i>)	Obs Count: 1	Earliest Obs: 2009	Recent Obs: 2009
+	Birds - Brown-headed Cowbird (<i>Molothrus ater</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Bufflehead (<i>Bucephala albeola</i>)	Obs Count: 2	Earliest Obs: 2001	Recent Obs: 2012
+	Birds - California Gull (<i>Larus californicus</i>)	Obs Count: 1	Earliest Obs: 2009	Recent Obs: 2009
+	Birds - Calliope Hummingbird (<i>Selasphorus calliope</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Canada Goose (<i>Branta canadensis</i>)	Obs Count: 1	Earliest Obs: 2012	Recent Obs: 2012
+	Birds - Cassin's Finch (<i>Haemorhous cassinii</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Cassin's Vireo (<i>Vireo cassinii</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Cedar Waxwing (<i>Bombycilla cedrorum</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Chestnut-backed Chickadee (<i>Poecile rufescens</i>)	Obs Count: 2	Earliest Obs: 2001	Recent Obs: 2009
+	Birds - Chipping Sparrow (<i>Spizella passerina</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007

+	Birds - Common Goldeneye (<i>Bucephala clangula</i>)	Obs Count: 2	Earliest Obs: 2001	Recent Obs: 2012
+	Birds - Common Merganser (<i>Mergus merganser</i>)	Obs Count: 2	Earliest Obs: 2001	Recent Obs: 2009
+	Birds - Common Raven (<i>Corvus corax</i>)	Obs Count: 3	Earliest Obs: 2001	Recent Obs: 2009
+	Birds - Dark-eyed Junco (<i>Junco hyemalis</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Downy Woodpecker (<i>Picoides pubescens</i>)	Obs Count: 1	Earliest Obs: 2001	Recent Obs: 2001
+	Birds - Golden-crowned Kinglet (<i>Regulus satrapa</i>)	Obs Count: 1	Earliest Obs: 2001	Recent Obs: 2001
+	Birds - Greater Scaup (<i>Aythya marila</i>)	Obs Count: 1	Earliest Obs: 1984	Recent Obs: 1984
+	Birds - Hairy Woodpecker (<i>Picoides villosus</i>)	Obs Count: 3	Earliest Obs: 2001	Recent Obs: 2009
+	Birds - Hammond's Flycatcher (<i>Empidonax hammondii</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Herring Gull (<i>Larus argentatus</i>)	Obs Count: 1	Earliest Obs: 2001	Recent Obs: 2001
+	Birds - Hooded Merganser (<i>Lophodytes cucullatus</i>)	Obs Count: 3	Earliest Obs: 2000	Recent Obs: 2009
+	Birds - House Finch (<i>Haemorhous mexicanus</i>)	Obs Count: 1	Earliest Obs: 2001	Recent Obs: 2001
+	Birds - Mallard (<i>Anas platyrhynchos</i>)	Obs Count: 2	Earliest Obs: 2001	Recent Obs: 2012
+	Birds - Mountain Chickadee (<i>Poecile gambeli</i>)	Obs Count: 3	Earliest Obs: 2001	Recent Obs: 2012
+	Birds - Mourning Dove (<i>Zenaidura macroura</i>)	Obs Count: 2	Earliest Obs: 2001	Recent Obs: 2007
+	Birds - Northern Flicker (<i>Colaptes auratus</i>)	Obs Count: 2	Earliest Obs: 2001	Recent Obs: 2007
+	Birds - Pileated Woodpecker (<i>Dryocopus pileatus</i>)	Obs Count: 2	Earliest Obs: 2007	Recent Obs: 2009
+	Birds - Pine Siskin (<i>Spinus pinus</i>)	Obs Count: 2	Earliest Obs: 2001	Recent Obs: 2007
+	Birds - Red-breasted Nuthatch (<i>Sitta canadensis</i>)	Obs Count: 3	Earliest Obs: 2001	Recent Obs: 2009
+	Birds - Red-tailed Hawk (<i>Buteo jamaicensis</i>)	Obs Count: 1	Earliest Obs: 2009	Recent Obs: 2009
+	Birds - Red-winged Blackbird (<i>Agelaius phoeniceus</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Ring-billed Gull (<i>Larus delawarensis</i>)	Obs Count: 1	Earliest Obs: 2012	Recent Obs: 2012
+	Birds - Rough-legged Hawk (<i>Buteo lagopus</i>)	Obs Count: 1	Earliest Obs: 2001	Recent Obs: 2001
+	Birds - Ruby-crowned Kinglet (<i>Regulus calendula</i>)	Obs Count: 1	Earliest Obs: 2009	Recent Obs: 2009
+	Birds - Swainson's Thrush (<i>Catharus ustulatus</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Tree Swallow (<i>Tachycineta bicolor</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Warbling Vireo (<i>Vireo gilvus</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Western Bluebird (<i>Sialia mexicana</i>)	Obs Count: 1	Earliest Obs: 2009	Recent Obs: 2009
+	Birds - Western Tanager (<i>Piranga ludoviciana</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Western Wood-Pewee (<i>Contopus sordidulus</i>)	Obs Count: 1	Earliest Obs: 2007	Recent Obs: 2007
+	Birds - Wild Turkey (<i>Meleagris gallopavo</i>)	Obs Count: 3	Earliest Obs: 2001	Recent Obs: 2009

Citation for this report:
Montana Generalized Observations Report
Generalized Observations for (All Birds)
Within Lat/Long: (48.05615,-114.06897) to (48.06350,-114.07652)
Natural Heritage Map Viewer. Montana Natural Heritage Program.
Retrieved on March 25, 2016, from <http://mtnhp.org/mapviewer/GenOBSReport.aspx>

Swan River

River Mile: 0 to 91.8**Miles:** 91.8**Total Stream Miles:** 91.8**HUC:** Swan (17010211)**Tributary To:** Flathead Lake**Regions:** Region 1**Counties:** Flathead; Lake; Missoula**Fish Distribution**[Download Data](#)

Begin Mile	End Mile	Species	Abundance	Use Type	Life History	Origin	Genetic Status	Data Rating	Data Source
41.1	47.1	Brook Stickleback	Unknown	Year-round resident	Not applicable	Native	Not Applicable	No Survey, Professional judgment	FWP
0	14.9	Brook Trout	Common	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
22.9	77.8	Brook Trout	Common	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
9.2	14.9	Brook X Bull Trout hybrid	Rare	Unknown	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
23.4	47.4	Brook X Bull Trout hybrid	Common	Year-round resident	Resident	Not applicable	Not Applicable	Extrapolated from multiple surveys/observations	FWP
0	14.9	Bull Trout	Rare	Primarily migrating	Not applicable	Native	Hybridized and Pure populations exist in stream based on genetic analysis	Extrapolated from multiple surveys/observations	FWP
23.3	77.6	Bull Trout	Abundant	Primarily migrating	Not applicable	Native	Hybridized and Pure populations exist in stream based on genetic analysis	Extrapolated from multiple surveys/observations	FWP
82	90.7	Bull Trout	Abundant	Primarily migrating	Not applicable	Native	Hybridized and Pure populations exist in stream based on genetic analysis	Extrapolated from multiple surveys/observations	FWP
72.7	73.7	Central Mud Minnow	Unknown	Unknown	Unknown	Introduced	Not Applicable	Extrapolated from a single survey/observation	MSU
22.9	63.1	Kokanee	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP

63.1	77.8	Kokanee	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
0	14.8	Lake Trout	Rare	Year-round resident	Not applicable	Introduced	Not Applicable	No Survey, Professional judgment	FWP
23.4	77.6	Lake Trout	Rare	Year-round resident	Unknown	Introduced	Not Applicable	No Survey, Professional judgment	FWP
0	0.6	Lake Whitefish	Incidental	Year-round resident	Not applicable	Introduced	Not Applicable	No Survey, Professional judgment	FWP
0.6	14.9	Largemouth Bass	Unknown	Year-round resident	Not applicable	Introduced	Not Applicable	No Survey, Professional judgment	FWP
0	14.9	Largescale Sucker	Common	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
22.9	41.1	Largescale Sucker	Common	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
41.1	77.8	Largescale Sucker	Common	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
0	41.1	Longnose Dace	Rare	Year-round resident	Not applicable	Native	Not Applicable	No Survey, Professional judgment	FWP
50.6	52.6	Longnose Dace	Rare	Year-round resident	Not applicable	Native	Not Applicable	No Survey, Professional judgment	FWP
0	14.9	Longnose Sucker	Common	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from a single survey/observation	FWP
22.9	77.8	Longnose Sucker	Common	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from a single survey/observation	FWP
0	14.9	Mountain Whitefish	Abundant	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
22.9	77.8	Mountain Whitefish	Abundant	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
0	14.9	Northern Pike	Common	Year-round resident	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
0	14.9	Northern Pike Minnow	Common	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from a single survey/observation	FWP
22.9	77.8	Northern Pike Minnow	Common	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FIS
0	14.9	Peamouth	Common	Year-round resident	Not applicable	Native	Not Applicable	No Survey, Professional judgment	FWP
22.9	41.1	Peamouth	Rare	Year-round	Not	Native	Not	No Survey,	FWP

				resident	applicable		Applicable	Professional judgment	
50.6	52.6	Peamouth	Rare	Year-round resident	Adfluvial	Native	Not Applicable	No Survey, Professional judgment	FWP
0	0.6	Pygmy Whitefish	Unknown	Year-round resident	Not applicable	Native	Not Applicable	No Survey, Professional judgment	FWP
0	14.9	Rainbow Trout	Common	Both resident and Fluvial/Adfluvial populations	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
22.9	77.8	Rainbow Trout	Common	Both resident and Fluvial/Adfluvial populations	Not applicable	Introduced	Not Applicable	Extrapolated from multiple surveys/observations	FWP
0	14.9	Redside Shiner	Common	Year-round resident	Not applicable	Native	Not Applicable	No Survey, Professional judgment	FWP
22.9	41.1	Redside Shiner	Common	Year-round resident	Not applicable	Native	Not Applicable	No Survey, Professional judgment	FWP
50.6	52.6	Redside Shiner	Common	Year-round resident	Not applicable	Native	Not Applicable	No Survey, Professional judgment	FWP
0	77.8	Sculpin	Common	Year-round resident	Not applicable	Native	Not Applicable	Extrapolated from multiple surveys/observations	FWP
38.5	40.9	Slimy Sculpin	Abundant	Year-round resident	Not applicable	Native	Not Applicable	No Survey, Professional judgment	FWP
50.6	52.6	Slimy Sculpin	Abundant	Year-round resident	Not applicable	Native	Not Applicable	No Survey, Professional judgment	FWP
47.1	47.5	Surveyed;no bull trout captured	Not Applicable	Not Applicable	Not applicable	Not applicable	Not Applicable	Extrapolated from a single survey/observation	FWP
0	77.5	Westslope Cutthroat Trout	Common	Year-round resident	Resident	Native	Potentially hybridized with records of contaminating species	Extrapolated from multiple surveys/observations	FS
77.5	83.7	Westslope Cutthroat Trout	Common	Year-round resident	Resident	Native	Hybridized and Pure populations exist in stream based on genetic analysis	Extrapolated from multiple surveys/observations	FS
83.7	91.7	Westslope Cutthroat Trout	Abundant	Year-round resident	Resident	Native	Potentially unaltered with no record of stocking	Extrapolated from multiple surveys/observations	FS

Population Surveys

[Download Data](#)

Section: BELOW DAM**River Miles: 0 to 0.1**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/23/1994	Rumsey, Scott	Largescale Sucker	4	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Snorkeling/Diver	Medium quality	FWP
9/23/1994	Rumsey, Scott	Mountain Whitefish	30	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Snorkeling/Diver	Medium quality	FWP
9/23/1994	Rumsey, Scott	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	-	10	-	in	Snorkeling/Diver	Medium quality	FWP
9/19/1994	Rumsey, Scott	Rainbow Trout	18	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Snorkeling/Diver	Medium quality	FWP

Section: BELOW POWERHOUSE**River Miles: 0 to 0.1**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/23/1994	Rumsey, Scott	Rainbow Trout	25	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Snorkeling/Diver	Medium quality	FWP
9/21/1994	Rumsey, Scott	Mountain Whitefish	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Snorkeling/Diver	Medium quality	FWP
9/21/1994	Rumsey, Scott	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	-	10	-	in	Snorkeling/Diver	Medium quality	FWP

Section: Diversion Canal Removal**River Miles: 0 to 1**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source

9/20/1994	Rumsey, Scott	Longnose Sucker	20	per mile	Total number captured or presence only	-	-	2	in	Backpack shocking	Medium quality	FWP
9/20/1994	Rumsey, Scott	Mountain Whitefish	93	per mile	Total number captured or presence only	-	-	2.8	in	Backpack shocking	Medium quality	FWP
9/20/1994	Rumsey, Scott	Rainbow Trout	189	per mile	Total number captured or presence only	1.2	18.7	6.6	in	Backpack shocking	Medium quality	FWP
9/20/1994	Rumsey, Scott	Westslope Cutthroat Trout	28	per mile	Total number captured or presence only	2.8	12.2	9.3	in	Backpack shocking	Medium quality	FWP
9/23/1993	Rumsey, Scott	Bull Trout	1	per mile	Total number captured or presence only	-	-	12.9	in	Backpack shocking	Medium quality	FWP
9/23/1993	Rumsey, Scott	Mountain Whitefish	11	per mile	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Medium quality	FWP
9/23/1993	Rumsey, Scott	Northern Pike	1	per mile	Total number captured or presence only	-	-	10	in	Backpack shocking	Medium quality	FWP
9/23/1993	Rumsey, Scott	Rainbow Trout	99	per mile	Total number captured or presence only	3	16.2	9	in	Backpack shocking	Medium quality	FWP
9/23/1993	Rumsey, Scott	Westslope Cutthroat Trout	6	per mile	Total number captured or presence only	-	13.3	11.1	in	Backpack shocking	Medium quality	FWP
9/30/1991	Rumsey, Scott	Mountain Whitefish	40	per mile	Total number captured or	5.5	10.5	7.4	in	Backpack shocking	Medium quality	FWP

					presence only							
9/30/1991	Rumsey, Scott	Rainbow Trout	124	per mile	Total number captured or presence only	2.8	18.1	8.4	in	Backpack shocking	Medium quality	FWP
9/30/1991	Rumsey, Scott	Westslope Cutthroat Trout	10	per mile	Total number captured or presence only	3.5	11.4	9.1	in	Backpack shocking	Medium quality	FWP
10/2/1990	Rumsey, Scott	Mountain Whitefish	112	per mile	Total number captured or presence only	5	10.6	6.9	in	Backpack shocking	Medium quality	FWP
10/2/1990	Rumsey, Scott	Rainbow Trout	154	per mile	Total number captured or presence only	2.5	19.3	5.4	in	Backpack shocking	Medium quality	FWP
10/2/1990	Rumsey, Scott	Westslope Cutthroat Trout	9	per mile	Total number captured or presence only	2.3	13.6	10.7	in	Backpack shocking	Medium quality	FWP
10/16/1989	Rumsey, Scott	Brook Trout	1	per mile	Total number captured or presence only	-	-	9.4	in	Backpack shocking	Medium quality	FWP
10/16/1989	Rumsey, Scott	Bull Trout	1	per mile	Total number captured or presence only	-	-	15.2	in	Backpack shocking	Medium quality	FWP
10/16/1989	Rumsey, Scott	Kokanee	2	per mile	Total number captured or presence only	10.6	11	10.8	in	Backpack shocking	Medium quality	FWP
10/16/1989	Rumsey, Scott	Mountain Whitefish	365	per mile	Total number captured or presence only	4.1	14.7	6.9	in	Backpack shocking	Medium quality	FWP
10/16/1989	Rumsey, Scott	Rainbow Trout	95	per mile	Total number	3.3	17.1	8.9	in	Backpack shocking	Medium quality	FWP

					captured or presence only							
10/16/1989	Rumsey, Scott	Westslope Cutthroat Trout	24	per mile	Total number captured or presence only	-	13.5	10.4	in	Backpack shocking	Medium quality	FWP
9/27/1988	Rumsey, Scott	Mountain Whitefish	74	per mile	Total number captured or presence only	3.4	13.2	9.6	in	Backpack shocking	Medium quality	FWP
9/27/1988	Rumsey, Scott	Rainbow Trout	48	per mile	Total number captured or presence only	2.1	14.3	7.6	in	Backpack shocking	Medium quality	FWP
9/27/1988	Rumsey, Scott	Westslope Cutthroat Trout	36	per mile	Total number captured or presence only	3.2	11	8.6	in	Backpack shocking	Medium quality	FWP

Section: T27N R19W S31**River Miles:** 0.5 to 1.6

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
10/6/2008	Chane, Ian	Largescale Sucker	65	no estimate, counts only	Total number captured or presence only	45	213	118	mm	Electrofishing	Good quality	SCP
10/6/2008	Chane, Ian	Mountain Whitefish	4	no estimate, counts only	Total number captured or presence only	272	510	344	mm	Electrofishing	Good quality	SCP
10/6/2008	Chane, Ian	Rainbow Trout	226	no estimate, counts only	Total number captured or presence only	25	510	186	mm	Electrofishing	Good quality	SCP
10/6/2008	Chane, Ian	Sculpin	6	no estimate, presence only	Total number captured or presence only	-	-	-	N/A	Electrofishing	Good quality	SCP

Section: Bigfork Hydro Power Canal**River Miles:** 1 to 1.1

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/11/2007	Chane, Ian	Rainbow Trout	4	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Dip net	Low quality	SCP
9/10/2007	Chane, Ian	Largescale Sucker	91	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Low quality	SCP
9/10/2007	Chane, Ian	Mountain Whitefish	25	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Low quality	SCP
9/10/2007	Chane, Ian	Northern Pike	7	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Low quality	SCP
9/10/2007	Chane, Ian	Northern Pike Minnow	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Low quality	SCP
9/10/2007	Chane, Ian	Rainbow Trout	34	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Backpack shocking	Low quality	SCP

Section: N/A**River Miles:** 2.4 to 7.9

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
6/30/1993	Rumsey, Scott	Brook Trout	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
6/30/1993	Rumsey, Scott	Mountain Whitefish	225	no estimate, counts only	Total number captured or	3.1	15.2	-	in	Boat shocking with boom	Medium quality	FWP

					presence only							
6/30/1993	Rumsey, Scott	Rainbow Trout	36	no estimate, counts only	Total number captured or presence only	2.1	14	-	in	Boat shocking with boom	Medium quality	FWP
4/18/1991	Rumsey, Scott	Brook Trout	1	per 1000 ft.	Total number captured or presence only	6.5	-	-	in	Boat shocking with boom	Medium quality	FWP
4/18/1991	Rumsey, Scott	Mountain Whitefish	2	per 1000 ft.	Total number captured or presence only	4.5	12.7	-	in	Boat shocking with boom	Medium quality	FWP
4/18/1991	Rumsey, Scott	Rainbow Trout	14	per 1000 ft.	Total number captured or presence only	2.7	17.9	-	in	Boat shocking with boom	Medium quality	FWP

Section: N/A

River Miles: 6.2 to 6.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/7/2008	USGS,	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Good quality	GS

Section: Lower Swan

River Miles: 8 to 14.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/1/1992	Rumsey, Scott	Brook Trout	82	no estimate, counts only	Peterson mark-recapture	4.6	13.7	-	in	Boat shocking with boom	Medium quality	FWP
9/1/1992	Rumsey, Scott	Bull Trout	31	no estimate, counts only	Peterson mark-recapture	4.5	19.4	-	in	Boat shocking with boom	Medium quality	FWP
9/1/1992	Rumsey, Scott	Rainbow Trout	707	per mile	Peterson mark-recapture	4	21.5	-	in	Boat shocking with boom	Medium quality	FWP
9/1/1992	Rumsey, Scott	Westslope Cutthroat Trout	25	no estimate, counts	Peterson mark-recapture	5.5	13.3	-	in	Boat shocking with boom	Medium quality	FWP

				only								
8/1/1990	Rumsey, Scott	Brook Trout	264	per mile	Peterson mark-recapture	4.5	14.4	-	in	Boat shocking with boom	Medium quality	FWP
8/1/1990	Rumsey, Scott	Bull Trout	62	no estimate, counts only	Total number captured or presence only	4.5	22.4	-	in	Boat shocking with boom	Medium quality	FWP
8/1/1990	Rumsey, Scott	Mountain Whitefish	1,436	per mile	Peterson mark-recapture	5	18.4	-	in	Boat shocking with boom	Medium quality	FWP
8/1/1990	Rumsey, Scott	Rainbow Trout	564	per mile	Peterson mark-recapture	4	21.9	-	in	Boat shocking with boom	Medium quality	FWP
8/1/1990	Rumsey, Scott	Westslope Cutthroat Trout	34	no estimate, counts only	Total number captured or presence only	6.5	17.9	-	in	Boat shocking with boom	Medium quality	FWP

**Section: Middle Swan
River Miles: 23.9 to 27.6**

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/1/1995	Rumsey, Scott	Rainbow Trout	818	per mile	Peterson mark-recapture	3.5	17.4	-	in	Boat shocking with boom	Medium quality	FWP
8/1/1991	Rumsey, Scott	Brook Trout	364	per mile	Peterson mark-recapture	3	14.4	-	in	Boat shocking with boom	Medium quality	FWP
8/1/1991	Rumsey, Scott	Bull Trout	32	no estimate, counts only	Total number captured or presence only	2.8	11.4	-	in	Boat shocking with boom	Medium quality	FWP
8/1/1991	Rumsey, Scott	Mountain Whitefish	1,098	per mile	Peterson mark-recapture	3.5	17.4	-	in	Boat shocking with boom	Medium quality	FWP
8/1/1991	Rumsey, Scott	Rainbow Trout	1,045	per mile	Peterson mark-recapture	4	19.9	-	in	Boat shocking with boom	Medium quality	FWP
8/1/1991	Rumsey, Scott	Westslope Cutthroat Trout	64	no estimate, counts only	Total number captured or presence only	6.5	10.9	-	in	Boat shocking with boom	Medium quality	FWP
9/1/1989	Rumsey, Scott	Brook Trout	30	no estimate, counts only	Total number captured or presence	4.5	11.4	-	in	Boat shocking with boom	Medium quality	FWP

					only							
9/1/1989	Rumsey, Scott	Bull Trout	17	no estimate, counts only	Total number captured or presence only	4.5	18.4	-	in	Boat shocking with boom	Medium quality	FWP
9/1/1989	Rumsey, Scott	Kokanee	1	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking with boom	Medium quality	FWP
9/1/1989	Rumsey, Scott	Rainbow Trout	422	per mile	Peterson mark-recapture	4	20.5	-	in	Boat shocking with boom	Medium quality	FWP
9/1/1989	Rumsey, Scott	Westslope Cutthroat Trout	13	no estimate, counts only	Total number captured or presence only	7.5	13.4	-	in	Boat shocking with boom	Medium quality	FWP
10/1/1982	Rumsey, Scott	Brook Trout	248	per mile	Peterson mark-recapture	2	11.4	-	in	Boat shocking with boom	Medium quality	FWP
10/1/1982	Rumsey, Scott	Bull Trout	28	no estimate, counts only	Total number captured or presence only	3.2	23.2	-	in	Boat shocking with boom	Medium quality	FWP
10/1/1982	Rumsey, Scott	Mountain Whitefish	189	no estimate, counts only	Total number captured or presence only	3.2	18.9	-	in	Boat shocking with boom	Medium quality	FWP
10/1/1982	Rumsey, Scott	Rainbow Trout	300	per mile	Peterson mark-recapture	2.4	20.1	-	in	Boat shocking with boom	Medium quality	FWP

Section: N/A
River Miles: 24.8 to 24.9

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/5/2008	USGS,	Surveyed; no fish captured	0	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Boat shocking - mobile anode	Good quality	GS

Section: GOAT TO PIPER
River Miles: 30 to 30.1

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source

8/15/1995	Rumsey, Scott	Mountain Whitefish	60	no estimate, counts only	Total number captured or presence only	2	8.3	-	in	Boat shocking with boom	Medium quality	FWP
8/15/1995	Rumsey, Scott	Rainbow Trout	60	no estimate, counts only	Total number captured or presence only	2.1	6.4	-	in	Boat shocking with boom	Medium quality	FWP
8/15/1995	Rumsey, Scott	Sculpin	55	no estimate, counts only	Total number captured or presence only	1.8	4.9	-	in	Boat shocking with boom	Medium quality	FWP
8/15/1995	Rumsey, Scott	Surveyed;no bull trout captured	0	no estimate, counts only	Total number captured or presence only	2.1	6.4	-	in	Boat shocking with boom	Medium quality	FWP

Section: Point Pleasant to Fatty
River Miles: 35.6 to 41.8

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/26/2001	Rumsey, Scott	Brook Trout	0.3	per km	Catch per unit effort	156	256	195	mm	Electrofishing	Good quality	FWP
7/26/2001	Rumsey, Scott	Brook X Bull Trout hybrid	1	no estimate, counts only	Total number captured or presence only	-	-	270	mm	Electrofishing	Good quality	FWP
7/26/2001	Rumsey, Scott	Bull Trout	1	no estimate, counts only	Total number captured or presence only	-	-	128	mm	Electrofishing	Good quality	FWP
7/26/2001	Rumsey, Scott	Mountain Whitefish	297	no estimate, counts only	Total number captured or presence only	114	406	255	mm	Electrofishing	Good quality	FWP
7/26/2001	Rumsey, Scott	Rainbow Trout	8.6	per km	Catch per unit effort	94	484	282	mm	Electrofishing	Good quality	FWP
7/26/2001	Rumsey, Scott	Rainbow X Cutthroat Trout	1	no estimate, counts only	Total number captured or	-	-	405	mm	Electrofishing	Good quality	FWP

					presence only							
7/26/2001	Rumsey, Scott	Sculpin	2	no estimate, counts only	Total number captured or presence only	70	83	76.5	mm	Electrofishing	Good quality	FWP
7/26/2001	Rumsey, Scott	Westslope Cutthroat Trout	0	per km	Catch per unit effort	162	362	278	mm	Electrofishing	Good quality	FWP
7/27/1999	Rumsey, Scott	Brook Trout	0.8	per km	Catch per unit effort	170	180	175	mm	Electrofishing	Good quality	FWP
7/27/1999	Rumsey, Scott	Rainbow Trout	5.9	per km	Catch per unit effort	109	462	213	mm	Electrofishing	Good quality	FWP
7/27/1999	Rumsey, Scott	Westslope Cutthroat Trout	0.3	per km	Catch per unit effort	198	323	254	mm	Electrofishing	Good quality	FWP
7/26/1996	Rumsey, Scott	Brook Trout	1.1	per km	Catch per unit effort	145	262	196	mm	Electrofishing	Good quality	FWP
7/26/1996	Rumsey, Scott	Rainbow Trout	6.7	per km	Catch per unit effort	99	447	191	mm	Electrofishing	Good quality	FWP
7/26/1996	Rumsey, Scott	Westslope Cutthroat Trout	0.1	per km	Catch per unit effort	-	-	292	mm	Electrofishing	Good quality	FWP
8/11/1992	Rumsey, Scott	Brook Trout	2.6	per km	Catch per unit effort	155	348	234	mm	Electrofishing	Good quality	FWP
8/11/1992	Rumsey, Scott	Rainbow Trout	13.5	per km	Catch per unit effort	64	513	257	mm	Electrofishing	Good quality	FWP
8/11/1992	Rumsey, Scott	Westslope Cutthroat Trout	0.6	per km	Catch per unit effort	221	295	257	mm	Electrofishing	Good quality	FWP
8/6/1990	Rumsey, Scott	Brook Trout	1.3	per km	Catch per unit effort	104	302	198	mm	Electrofishing	Good quality	FWP
8/6/1990	Rumsey, Scott	Rainbow Trout	6.5	per km	Catch per unit effort	114	478	267	mm	Electrofishing	Good quality	FWP
8/6/1990	Rumsey, Scott	Westslope Cutthroat Trout	0.2	per km	Catch per unit effort	175	358	267	mm	Electrofishing	Good quality	FWP

Section: Fatty bridge to Piper bridge
River Miles: 41.8 to 48.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/26/2004	Rumsey, Scott	Brook Trout	11	no estimate, counts	Total number captured	133	280	213.7	mm	Electrofishing	Good quality	FWP

				only	or presence only							
7/26/2004	Rumsey, Scott	Brook X Bull Trout hybrid	14	no estimate, counts only	Total number captured or presence only	201	580	333.9	mm	Electrofishing	Good quality	FWP
7/26/2004	Rumsey, Scott	Bull Trout	7	no estimate, counts only	Total number captured or presence only	161	585	305.6	mm	Electrofishing	Good quality	FWP
7/26/2004	Rumsey, Scott	Mountain Whitefish	308	no estimate, counts only	Total number captured or presence only	75	308	237	mm	Electrofishing	Good quality	FWP
7/26/2004	Rumsey, Scott	Rainbow Trout	61	no estimate, counts only	Total number captured or presence only	126	478	190.1	mm	Electrofishing	Good quality	FWP
7/26/2004	Rumsey, Scott	Westslope Cutthroat Trout	11	no estimate, counts only	Total number captured or presence only	175	295	224	mm	Electrofishing	Good quality	FWP
7/15/2003	Rumsey, Scott	Brook Trout	0.2	per 1000 ft.	Catch per unit effort	138	328	241	mm	Electrofishing	Good quality	FWP
7/15/2003	Rumsey, Scott	Brook X Bull Trout hybrid	0.1	per 1000 ft.	Catch per unit effort	288	540	465	mm	Electrofishing	Good quality	FWP
7/15/2003	Rumsey, Scott	Bull Trout	0.4	per 1000 ft.	Catch per unit effort	128	634	240	mm	Electrofishing	Good quality	FWP
7/15/2003	Rumsey, Scott	Kokanee	0.2	per 1000 ft.	Catch per unit effort	155	264	191	mm	Electrofishing	Good quality	FWP
7/15/2003	Rumsey, Scott	Largescale Sucker	0	per 1000 ft.	Catch per unit effort	502	530	516	mm	Electrofishing	Good quality	FWP
7/15/2003	Rumsey, Scott	Mountain Whitefish	8.4	per 1000 ft.	Catch per unit effort	122	590	253	mm	Electrofishing	Good quality	FWP
7/15/2003	Rumsey, Scott	Northern Pike Minnow	0	per 1000 ft.	Catch per unit effort	-	-	440	mm	Electrofishing	Good quality	FWP
7/15/2003	Rumsey, Scott	Rainbow Trout	1.5	per 1000 ft.	Catch per unit effort	13	486	192	mm	Electrofishing	Good quality	FWP

7/15/2003	Rumsey, Scott	Sculpin	0.3	per 1000 ft.	Catch per unit effort	77	118	120	mm	Electrofishing	Good quality	FWP
7/15/2003	Rumsey, Scott	Westslope Cutthroat Trout	0.3	per 1000 ft.	Catch per unit effort	168	366	227	mm	Electrofishing	Good quality	FWP
7/17/2002	Rumsey, Scott	Brook Trout	0.2	per 1000 ft.	Catch per unit effort	143	271	204	mm	Electrofishing	Good quality	FWP
7/17/2002	Rumsey, Scott	Brook X Bull Trout hybrid	0.1	per 1000 ft.	Catch per unit effort	270	582	437	mm	Electrofishing	Good quality	FWP
7/17/2002	Rumsey, Scott	Bull Trout	0.1	per 1000 ft.	Catch per unit effort	125	750	406	mm	Electrofishing	Good quality	FWP
7/17/2002	Rumsey, Scott	Kokanee	0.1	per 1000 ft.	Catch per unit effort	165	265	191	mm	Electrofishing	Good quality	FWP
7/17/2002	Rumsey, Scott	Largescale Sucker	0	per 1000 ft.	Catch per unit effort	-	-	504	mm	Electrofishing	Good quality	FWP
7/17/2002	Rumsey, Scott	Longnose Sucker	0	per 1000 ft.	Catch per unit effort	-	-	486	mm	Electrofishing	Good quality	FWP
7/17/2002	Rumsey, Scott	Mountain Whitefish	4.2	per 1000 ft.	Catch per unit effort	105	408	261	mm	Electrofishing	Good quality	FWP
7/17/2002	Rumsey, Scott	Rainbow Trout	0.6	per 1000 ft.	Catch per unit effort	98	442	216	mm	Electrofishing	Good quality	FWP
7/17/2002	Rumsey, Scott	Sculpin	0	per 1000 ft.	Catch per unit effort	-	-	192	mm	Electrofishing	Good quality	FWP
7/17/2002	Rumsey, Scott	Westslope Cutthroat Trout	0.2	per 1000 ft.	Catch per unit effort	177	427	251	mm	Electrofishing	Good quality	FWP

Section: Piper to Fatty
River Miles: 41.9 to 48.6

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/11/2011	Rosenthal, Leo	Brook Trout	7	no estimate, counts only	Total number captured or presence only	184	309	228.3	mm	Boat shocking with boom	Good quality	FIS
8/11/2011	Rosenthal, Leo	Brook X Bull Trout hybrid	2	no estimate, counts only	Total number captured or presence only	280	398	339	mm	Boat shocking with boom	Good quality	FIS
8/11/2011	Rosenthal, Leo	Bull Trout	7	no estimate,	Total number	181	380	287.7	mm	Boat shocking with boom	Good quality	FIS

				counts only	captured or presence only							
8/11/2011	Rosenthal, Leo	Kokanee	1	no estimate, counts only	Total number captured or presence only	226	226	226	mm	Boat shocking with boom	Good quality	FIS
8/11/2011	Rosenthal, Leo	Mountain Whitefish	115	no estimate, counts only	Total number captured or presence only	132	380	208	mm	Boat shocking with boom	Good quality	FIS
8/11/2011	Rosenthal, Leo	Rainbow Trout	21	no estimate, counts only	Total number captured or presence only	128	483	180.4	mm	Boat shocking with boom	Good quality	FIS
8/11/2011	Rosenthal, Leo	Westslope Cutthroat Trout	2	no estimate, counts only	Total number captured or presence only	219	225	222	mm	Boat shocking with boom	Good quality	FIS
8/10/2011	Rosenthal, Leo	Brook Trout	8	no estimate, counts only	Total number captured or presence only	152	310	222.9	mm	Boat shocking with boom	Good quality	FIS
8/10/2011	Rosenthal, Leo	Brook X Bull Trout hybrid	3	no estimate, counts only	Total number captured or presence only	276	396	324.3	mm	Boat shocking with boom	Good quality	FIS
8/10/2011	Rosenthal, Leo	Bull Trout	1	no estimate, counts only	Total number captured or presence only	174	174	174	mm	Boat shocking with boom	Good quality	FIS
8/10/2011	Rosenthal, Leo	Kokanee	1	no estimate, counts only	Total number captured or presence only	229	229	229	mm	Boat shocking with boom	Good quality	FIS
8/10/2011	Rosenthal, Leo	Mountain Whitefish	120	no estimate, counts only	Total number captured or presence only	124	370	227.6	mm	Boat shocking with boom	Good quality	FIS

8/10/2011	Rosenthal, Leo	Rainbow Trout	16	no estimate, counts only	Total number captured or presence only	112	432	206.3	mm	Boat shocking with boom	Good quality	FIS
8/10/2011	Rosenthal, Leo	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	147	229	199	mm	Boat shocking with boom	Good quality	FIS
7/23/2009	Rosenthal, Leo	Brook X Bull Trout hybrid	1	no estimate, counts only	Total number captured or presence only	450	450	450	mm	Boat shocking with boom	Good quality	FIS
7/23/2009	Rosenthal, Leo	Bull Trout	3	no estimate, counts only	Total number captured or presence only	125	189	158.7	mm	Boat shocking with boom	Good quality	FIS
7/23/2009	Rosenthal, Leo	Mountain Whitefish	55	no estimate, counts only	Total number captured or presence only	141	329	226.9	mm	Boat shocking with boom	Good quality	FIS
7/23/2009	Rosenthal, Leo	Rainbow Trout	12	no estimate, counts only	Total number captured or presence only	116	230	165.3	mm	Boat shocking with boom	Good quality	FIS
8/1/2008	Rosenthal, Leo	Brook Trout	6	no estimate, counts only	Total number captured or presence only	158	362	249.5	mm	Boat shocking with boom	Good quality	FIS
8/1/2008	Rosenthal, Leo	Brook X Bull Trout hybrid	1	no estimate, counts only	Total number captured or presence only	245	245	245	mm	Boat shocking with boom	Good quality	FIS
8/1/2008	Rosenthal, Leo	Bull Trout	1	no estimate, counts only	Total number captured or presence only	169	169	169	mm	Boat shocking with boom	Good quality	FIS
8/1/2008	Rosenthal, Leo	Rainbow Trout	14	no estimate, counts only	Total number captured or	106	268	161.4	mm	Boat shocking with boom	Good quality	FIS

					presence only							
8/1/2008	Rosenthal, Leo	Westslope Cutthroat Trout	4	no estimate, counts only	Total number captured or presence only	202	372	252.8	mm	Boat shocking with boom	Good quality	FIS
7/31/2008	Rosenthal, Leo	Brook Trout	5	no estimate, counts only	Total number captured or presence only	185	262	234.2	mm	Boat shocking with boom	Good quality	FIS
7/31/2008	Rosenthal, Leo	Brook X Bull Trout hybrid	2	no estimate, counts only	Total number captured or presence only	210	394	302	mm	Boat shocking with boom	Good quality	FIS
7/31/2008	Rosenthal, Leo	Bull Trout	1	no estimate, counts only	Total number captured or presence only	410	410	410	mm	Boat shocking with boom	Good quality	FIS
7/31/2008	Rosenthal, Leo	Rainbow Trout	26	no estimate, counts only	Total number captured or presence only	104	417	183.9	mm	Boat shocking with boom	Good quality	FIS
7/26/2006	Rosenthal, Leo	Brook Trout	25	no estimate, counts only	Total number captured or presence only	129	431	212.1	mm	Boat shocking with boom	Good quality	FIS
7/26/2006	Rosenthal, Leo	Brook X Bull Trout hybrid	5	no estimate, counts only	Total number captured or presence only	202	420	309.4	mm	Boat shocking with boom	Good quality	FIS
7/26/2006	Rosenthal, Leo	Bull Trout	8	no estimate, counts only	Total number captured or presence only	124	230	176.8	mm	Boat shocking with boom	Good quality	FIS
7/26/2006	Rosenthal, Leo	Mountain Whitefish	311	no estimate, counts only	Total number captured or presence only	67	387	231.5	mm	Boat shocking with boom	Good quality	FIS
7/26/2006	Rosenthal, Leo	Northern Pike	1	no estimate,	Total number	255	255	255	mm	Boat shocking with boom	Good quality	FIS

		Minnow		counts only	captured or presence only							
7/26/2006	Rosenthal, Leo	Rainbow Trout	98	no estimate, counts only	Total number captured or presence only	103	445	186.2	mm	Boat shocking with boom	Good quality	FIS
7/26/2006	Rosenthal, Leo	Sculpin	5	no estimate, counts only	Total number captured or presence only	71	106	91.8	mm	Boat shocking with boom	Good quality	FIS
7/26/2006	Rosenthal, Leo	Westslope Cutthroat Trout	5	no estimate, counts only	Total number captured or presence only	178	355	277.4	mm	Boat shocking with boom	Good quality	FIS
7/26/2006	Rosenthal, Leo	Westslope X Rainbow	8	no estimate, counts only	Total number captured or presence only	142	512	246.4	mm	Boat shocking with boom	Good quality	FIS
7/25/2006	Rosenthal, Leo	Brook Trout	7	no estimate, counts only	Total number captured or presence only	216	339	258.3	mm	Boat shocking with boom	Good quality	FIS
7/25/2006	Rosenthal, Leo	Brook X Bull Trout hybrid	7	no estimate, counts only	Total number captured or presence only	198	641	364	mm	Boat shocking with boom	Good quality	FIS
7/25/2006	Rosenthal, Leo	Bull Trout	6	no estimate, counts only	Total number captured or presence only	221	304	256.7	mm	Boat shocking with boom	Good quality	FIS
7/25/2006	Rosenthal, Leo	Mountain Whitefish	300	no estimate, counts only	Total number captured or presence only	34	353	233.3	mm	Boat shocking with boom	Good quality	FIS
7/25/2006	Rosenthal, Leo	Northern Pike Minnow	1	no estimate, counts only	Total number captured or presence only	444	444	444	mm	Boat shocking with boom	Good quality	FIS

7/25/2006	Rosenthal, Leo	Rainbow Trout	48	no estimate, counts only	Total number captured or presence only	118	484	200.8	mm	Boat shocking with boom	Good quality	FIS
7/25/2006	Rosenthal, Leo	Sculpin	2	no estimate, counts only	Total number captured or presence only	97	105	101	mm	Boat shocking with boom	Good quality	FIS
7/25/2006	Rosenthal, Leo	Westslope Cutthroat Trout	3	no estimate, counts only	Total number captured or presence only	201	217	209	mm	Boat shocking with boom	Good quality	FIS
7/25/2006	Rosenthal, Leo	Westslope X Rainbow	4	no estimate, counts only	Total number captured or presence only	171	223	195	mm	Boat shocking with boom	Good quality	FIS

Section: Upper (Cygnet)
River Miles: 45 to 45.2

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
10/1/1982	Rumsey, Scott	Brook Trout	306	per mile	Peterson mark-recapture	2.8	11.4	-	in	Bank shocking	Medium quality	FWP
10/1/1982	Rumsey, Scott	Rainbow Trout	348	per mile	Peterson mark-recapture	2.4	9.5	-	in	Bank shocking	Medium quality	FWP

Section: Mussel Survey
River Miles: 48.6 to 48.7

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/12/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

Section: Mussel Survey
River Miles: 52.4 to 52.5

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/12/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

Section: Mussel Survey												
River Miles: 57.2 to 57.3												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/11/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

Section: Mussel Survey												
River Miles: 63 to 63.1												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/11/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

Section: Mussel Survey												
River Miles: 69.2 to 69.3												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/11/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

Section: N/A												
River Miles: 73.1 to 73.2												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
8/15/1996	MSU Vertebrate Collection,	Central Mud Minnow	2	no estimate, counts only	Total number captured or presence only	-	-	-	N/A	Unknown	Unknown	MSU

Section: Mussel Survey												
River Miles: 73.1 to 73.2												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/11/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

Section: Mussel Survey												
River Miles: 77.5 to 77.6												
Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/17/2009	Gardner,	Surveyed;no	0	no	Catch per	-	-	-	N/A	Visual	Medium	FS

	Beth	mussels found	estimate, presence only	unit effort						Observation	quality	
--	------	---------------	-------------------------	-------------	--	--	--	--	--	-------------	---------	--

Section: Mussel Survey
River Miles: 82.4 to 82.5

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
7/11/2007	Stagliano, David	Surveyed;no mussels found	0	no estimate, presence only	Catch per unit effort	-	-	-	N/A	Visual Observation	Medium quality	NHP

Section: N/A
River Miles: 84.2 to 84.3

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/29/2011	Stephens, Andrea	Westslope Cutthroat Trout	26	no estimate, counts only	Total number captured or presence only	40	190	94	mm	Backpack shocking	Medium quality	SCP

Section: N/A
River Miles: 84.3 to 84.4

Date	Collector	Species	Est.	Sec. Unit	Method	Length				Gear	Data	
						Min	Max	Avg.	Unit		Rating	Source
9/29/2011	Stephens, Andrea	Westslope Cutthroat Trout	11	no estimate, counts only	Total number captured or presence only	60	180	117	mm	Backpack shocking	Medium quality	SCP

Genetic Samples

[Download Data](#)

Date: 12/30/1997			
Sample #: 1259			
Collector: Rumsey, Scott		Target Species: Bull Trout	
River Miles: 11.9 to 12		# of Fish: 1	
Analysis Type: Allozymes		Comments:	
Analyzer: Kanda, Naohisa			
Species Name	Percent	Count	Hybrid
Brook X Bull Trout hybrid	-	1	F1
Date: 12/4/1991			
Sample #: 1612			
Collector: Dotson, Thurston		Target Species: Kokanee	
River Miles: 0 to 0.1		# of Fish: 50	
Analysis Type: Allozymes		Comments:	
Analyzer: Sage, Kevin			
Species Name	Percent	Count	Hybrid
Kokanee	100	-	-

Fish Stocking

No Data Found

Habitat Measurements[Download Data](#)

Section: Point Pleasant to Fatty					
River Miles: 35.6 to 41.8					
Date	Time	Collector	Parameter	Value	Unit
7/26/2001		Rumsey, Scott	Water Temp	59	Deg F
7/26/2001		Rumsey, Scott	Water Temp	57	Deg F
7/25/2001		Rumsey, Scott	Water Temp	55	Deg F
7/27/1999		Rumsey, Scott	Water Temp	60	Deg F
7/26/1996		Rumsey, Scott	Water Temp	60	Deg F
8/11/1992		Rumsey, Scott	Water Temp	56	Deg F
8/6/1990		Rumsey, Scott	Water Temp	64	Deg F
Section: Fatty bridge to Piper bridge					
River Miles: 41.8 to 48.3					
Date	Time	Collector	Parameter	Value	Unit
7/26/2004		Rumsey, Scott	Water Temp	64	Deg F
7/26/2004		Rumsey, Scott	Water Temp	57	Deg F
7/15/2003		Rumsey, Scott	Water Temp	60	Deg F
7/15/2003		Rumsey, Scott	Water Temp	55	Deg F
7/14/2003		Rumsey, Scott	Water Temp	56	Deg F
7/16/2002		Rumsey, Scott	Water Temp	56	Deg F
7/15/2002		Rumsey, Scott	Water Temp	60	Deg F
7/15/2002		Rumsey, Scott	Water Temp	64	Deg F

Bull Trout Core Areas

Begin Mile	End Mile
30.0530	30.2640
60.69	61.0390
77.6240	91.80

Bull Trout Node Areas

Begin Mile	End Mile
23.29	77.81

Angling Days Per Year[Download Data](#)

River Miles: 0 to 14.7								
Year	Total		Resident		Non Resident		Ranking	
	Days Fished(+S.D.)	Trips	Days Fished(+S.D.)	Trips	Days Fished(+S.D.)	Trips	State	Region
2009	6,329 (+- 1,331)	109	4,928 (+- 1,275)	86	1,401 (+- 385)	23	111	22
2007	7,360 (+- 2,193)	104	4,849 (+- 2,053)	72	2,511 (+- 771)	32	74	13
2005	5,988 (+- 926)	116	4,206 (+- 836)	88	1,782 (+- 398)	28	101	20
River Miles: 22.9 to 90.7								
Year	Total		Resident		Non Resident		Ranking	
	Days Fished(+S.D.)	Trips	Days Fished(+S.D.)	Trips	Days Fished(+S.D.)	Trips	State	Region
2009	2,169 (+- 648)	35	1,131 (+- 387)	22	1,038 (+- 520)	13	195	43
2007	2,477 (+- 1,170)	34	973 (+- 376)	17	1,504 (+- 1,108)	17	142	28

2005	2,518 (+- 868)	39	783 (+- 298)	16	1,735 (+- 816)	23	162	34
------	----------------	----	--------------	----	----------------	----	-----	----

Fisheries Resource Value[Download Data](#)

Begin Mile	End Mile	Sport Class	Habitat Class	Final Rating
0	0.6	3	3	Substantial (3)
0.6	7.3	4	3	Substantial (3)
7.3	14.6	3	3	Substantial (3)
22.9	61.5	2	1	Outstanding (1)
61.5	77.8	3	1	Outstanding (1)
82.2	90.7	3	1	Outstanding (1)

Dewatered Concern Areas

No Data Found

FWP Instream Flow Protection/Quantification

No Data Found

FWP Water Leases

No Data Found

Protected Areas[Download Data](#)

River Miles: 22.9 to 23.3		
Protection Type	Reason (fish)	Reason (wildlife)
NWPPC Wildlife Protected Area	no data	<ul style="list-style-type: none"> Bald eagle nesting territory (within 2.5 mi. Of reach) High density nesting osprey populations Bald eagle winter concentration area (high density) Great blue heron rookeries present
River Miles: 23.3 to 23.9		
Protection Type	Reason (fish)	Reason (wildlife)
NWPPC Wildlife Protected Area	no data	<ul style="list-style-type: none"> High density nesting osprey populations Great blue heron rookeries present
River Miles: 23.9 to 27.3		
Protection Type	Reason (fish)	Reason (wildlife)
NWPPC Wildlife Protected Area	no data	<ul style="list-style-type: none"> High density nesting osprey populations Great blue heron rookeries present

Special Fishing Regulations[Download Data](#)

Section: entire river	
Regulation:	
	Closed to angling June 1 through September 30 within a 150-yard radius of the Woodward Creek and Lion Creek stream mouths, unless posted at a greater distance.
	Walleye: All walleye caught must be killed immediately, kept and the entire fish turned in to FWP. Anglers must report the walleye harvest within 24 hours of capture by calling the Kalispell FWP Headquarters Office (406-752-5501). The whole fish must be turned in to any FWP Office within 10 days and during regular business hours.
Section: Piper Creek Bridge downstream to Swan Lake	
Regulation:	
	Artificial lures only.
	Catch-and-release for Cutthroat Trout and Rainbow Trout.

Section: Swan Lake outlet downstream to the Highway 35 Bridge	
Regulation:	
	Open entire year.
	Catch-and-release for Cutthroat Trout.

Stream Restoration Projects

No Data Found

FWP Management

Begin Mile	End Mile	Region	District	Water Type
0	91.8	1	Western	Trout Water

Fishing Logs[Download Data](#)

Quarters based on calendar year (example: qtr 1 is Jan - Mar)					
Year	Quarter	Log Number	Species	# Caught	Hours
2015	4	5841	Bull Trout	1	2
2015	4	5841	Rainbow Trout	3	2
2015	3	5	Rainbow Trout	7	1
2015	3	5841	Rainbow Trout	8	6
2015	3	5841	Surveyed; no fish captured	0	1
2015	3	6577	Rainbow Trout	2	2.50
2015	2	6888	Surveyed; no fish captured	0	1.50

References[Download Data](#)

Author	Title	Year	Publisher	Repository ID
Beattie, Will, And Pat Clancey	Effect Of The Operation Of Kerr And Hungry Horse Dams On The Reproductive Success Of Kokanee In The Flathead System; March 1987,annual Progress Report Fy 1986	1987	Bonneville Power Administration	
Beattie, Will, Pat Clancey, And Ray Zubik	Effect Of Operation Of The Kerr And Hungry Horse Dams On The Reproductive Success Of Kokanee In The Flathead System; May 1988,final Report Fy 1987	1988	Bonneville Power Administration	
Boland, Ralph W.	Ia, Stream Habitat Evaluation, July 1, 1986 Through June 30, 1987; July 1987,statewide Fish Habitat Investigation	1987	Montana Department of Fish, Wildlife, and Parks	
Boland, Ralph W.	Ia, Stream Habitat Evaluation, July 1, 1984 To June 30, 1985; September, 1985,statewide Fish Habitat Investigation	1985	Montana Department of Fish, Wildlife, and Parks	
Chane, Ian	Report of fish taken under Scientific Collector Permit SCP-02-08	2008		36773
Chane, Ian	Report of fish taken under Scientific Collector Permit SCP-04-07	2007		33527
Clancey, Pat, And Dan Downing	Madison River / Ennis Reservoir Fisheries And Madison River Drainage Westslope Cutthroat Trout Conservation And Restoration Program: 2000 Annual Report to PPL Montana and Turner Enterprises, Inc., Bozeman; April 2001	2001	Montana Fish, Wildlife & Parks, PPL Montana, Turner Enterprises, Inc.	17407
Cleasby, Tom	Report of fish taken under Scientific Collector Permit SCP-24-08	2008		36770
Delaray, Mark	Flathead Lake and River Drainage West, Statewide Fisheries Management	2004	Montana Fish, Wildlife & Parks	17920

Delaray, Mark, Ladd Knotek, Scott Rumsey, and Tom Weaver	Element 1, Project 1 and 2, SBAS Project No. 3131, Flathead Lake And River System Fisheries Status Report; June 1999	1999	Montana Department of Fish, Wildlife, and Parks	11076
Domrose, Robert	Ia, Inventory Of Waters Of The Project Area, July 1, 1986 To June 30, 1987; August 31, 1987,northwest Montana Fishery Study	1987	Montana Department of Fish, Wildlife, and Parks	39620
Domrose, Robert	Ia, Inventory Of Waters Of The Project Area, July 1, 1985 To June 30, 1986; September 15, 1986,northwest Montana Fishery Study	1986	Montana Department of Fish, Wildlife, and Parks	39621
Domrose, Robert	Ib, Fish Management Surveys, April 1, 1973 To March 31, 1974; September 18, 1974,northwest Montana Fisheries Study	1974	Montana Fish and Game Department	39923
Domrose, Robert J.	Ia, Inventory Of Waters Of The Project Area, July 1, 1984 To June 30, 1985,northwest Montana Fishery Study	1985	Montana Department of Fish, Wildlife, and Parks	39623
Domrose, Robert J.	I, Inventory Of Waters Of The Project Area, April 1, 1968 To March 31, 1969; May 22, 1970,northwest Montana Fisheries Study	1970	Montana Fish and Game Department	39911
Domrose, Robert J.	I, Inventory Of Waters Of The Project Area, July 1, 1966 To June 30, 1967; May 15, 1968,northwest Montana Fishery Study	1968	Montana Fish and Game Department	39909
Eco Northwest	Economic Valuation Of Potential Losses Of Fish Populations In The Swan River Drainage: Final Report; September 1984	1984	Montana Department of Fish, Wildlife, and Parks	18058
Eco Northwest	Economic Valuation Of Potential Losses Of Fish Populations In The Swan River Drainage: Final Draft; July 25 1984	1984	Montana Department of Fish, Wildlife, and Parks	18078
Elser, Al	Instream Flow Recommendations For Aquatic Life, Kootenai And Clark Fork River Basins; March 5, 1974	1974	Montana Fish and Game Department	45649
Fraley, John J., And Bradley B. Shepard	Life History, Ecology And Population Status Of Migratory Bull Trout (Salvelinus confluentus) In The Flathead Lake And River System, Montana	1989	Northwest Science	18106
Fraley, John J., Steve L. McMullin, And Patrick J. Graham. Montana Dept. of Fish, Wildlife and Parks.	Effects Of Hydroelectric Operations On The Kokanee Population In The Flathead River System, Montana	1986	North American Journal of Fisheries Management	18117
Fraley, John, And Janet Decker-Hess	Effects Of Stream And Lake Regulation On Reproductive Success Of Kokanee In The Flathead River System, Montana, U.S.A.	1987	Regulated Rivers: Research & Management	28141
Fraley, John, Brian Marotz, Janet Decker-Hess, Will Beattie, Ray Zubik. Montana Dept. of Fish, Wildlife and Parks.	Mitigation, Compensation, And Future Protection For Fish Populations Affected By Hydropower Development In The Upper Columbia System, Montana, U. S. A.	1989	Regulated Rivers: Research & Management	18133
Fraley, John, Bruce May, Pat Clancey, and Will Beattie	Fisheries Evaluation Program For The Flathead Lake / River System And Hungry Horse And Libby Reservoirs; Prepared January 1986, Revised August 1986, March 1987.	1987	Montana Department of Fish, Wildlife, and Parks	18119
Fraley, John,	Fisheries Evaluation And Monitoring Program For The		Montana Department of	

Bruce May, Pat Clancey, and Will Beattie	Flathead Lake / River System And Hungry Horse And Libby Reservoirs; Prepared January 1986, Revised August 1986	1986	Fish, Wildlife, and Parks	18118
Fraley, John, Tom Weaver, And Jim Vashro. Montana Dept. of Fish, Wildlife and Parks	Cumulative Effects Of Human Activities On Bull Trout (<i>Salvelinus confluentus</i>) In The Upper Flathead Drainage, Montana	1989	Headwaters Hydrology. American Water Resources Association.	18130
Fredenberg, Wade	Evaluation Of Electrofishing-induced Spinal Injuries Resulting From Field Electrofishing Surveys In Montana	1992	Montana Department of Fish, Wildlife, and Parks	19225
Fredenberg, Wade, And Patrick Graham	Census Of Kokanee Fishermen On The Flathead River; October 1982	1982	Montana Department of Fish, Wildlife, and Parks, Bureau of Reclamation	18082
Fredenberg, Wade, Pat Dwyer, And Rick Barrows	Experimental Bull Trout Hatchery, progress Report, 1993-1994	1995	Creston Fish and Wildlife Center, Bozeman Fish Technology Center	
Habitat Protection Bureau, Fishery Division	Fish Habitat Protection And Restoration Activities In Addition To The River Restoration Program; December 1994	1994	Montana Department of Fish, Wildlife, and Parks	19359
Hanzel, D. A.	Iii, Survey Of Cutthroat Trout And Dolly Varden In The Flathead River And Tributaries Above Flathead Lake; April 15, 1966, northwest Montana Fishery Study	1966	Montana Fish and Game Department	39907
Hanzel, Delano A.	Va, Survey And Inventory Of Coldwater And Warmwater Ecosystems: Flathead Lake - River System Study, July 1, 1992 Through June 30, 1993; September 8, 1993, Statewide Fisheries Investigations	1993	Montana Department of Fish, Wildlife, and Parks	17486
Hanzel, Delano A.	Va, Survey And Inventory Of Coldwater And Warmwater Ecosystems: Flathead Lake - River System Study, July 1, 1991 Through June 30, 1992; September 17, 1992, Statewide Fisheries Investigations	1992	Montana Department of Fish, Wildlife, and Parks	17294
Hanzel, Delano A.	Iii, Survey Of Cutthroat And Dolly Varden Trout In Flathead River And Tributaries Above Flathead Lake, July 1, 1972 To June 30, 1973; October 15, 1963, northwest Montana Fishery Study	1963	Montana Fish and Game Department	39903
Hanzel, Delano A.	The Distribution Of The Cutthroat Trout (<i>salmo Clarki</i>) In Montana; May, 1959	1959	Montana State College (Montana State University), Proceedings of the Montana Academy of Sciences	28168
Hanzel, Delano A., John Fraley, And Will Beattie	Va, Survey And Inventory Of Coldwater And Warmwater Ecosystems: Flathead Lake-river System Study, July 1, 1987 Through June 30, 1988; August 15, 1988, statewide Fisheries Investigations	1988	Montana Department of Fish, Wildlife, and Parks	34714
Huston, Joe E.	Ia, Survey And Inventory Of Coldwater Streams: Northwest Montana Coldwater Stream Investigations, July 1, 1993 Through June 30, 1994; September 16, 1994, Statewide Fisheries Investigations	1994	Montana Department of Fish, Wildlife, and Parks	17373
Huston, Joe E.	Ia, Survey And Inventory Of Coldwater Streams: Northwest Montana Coldwater Stream Investigations, July 1, 1992 Through June 30, 1993; August 26, 1993, Statewide Fisheries Investigations	1993	Montana Department of Fish, Wildlife, and Parks	17477
Huston, Joe E.	Ia, Survey And Inventory Of Coldwater Streams: Northwest Montana Coldwater Stream Investigations, July 1, 1991 Through June 30, 1992; August 5, 1992, Statewide	1992	Montana Department of Fish, Wildlife, and	17298

	Fisheries Investigations		Parks	
Huston, Joe E.	Ia, Survey And Inventory Of Coldwater Streams: Northwest Montana Coldwater Stream Investigations, July 1, 1989 Through June 30, 1990; August 15, 1990, Statewide Fisheries Investigations	1990	Montana Department of Fish, Wildlife, and Parks	17208
Huston, Joe E.	Ia, Survey And Inventory Of Coldwater Streams: Northwest Montana Coldwater Stream Investigations, July 1, 1988 Through June 30, 1989; July 10, 1989, statewide Fisheries Investigations	1989	Montana Department of Fish, Wildlife, and Parks	34618
Huston, Joe E.	Survey And Inventory Of Coldwater Streams: Northwest Montana Coldwater Stream Investigations, July 1, 1987 Through June 30, 1988; August 24, 1988, statewide Fisheries Investigations	1988	Montana Department of Fish, Wildlife, and Parks	34704
Hutten, Jeff	Bull Trout Core Habitat & Nodal Areas. November 1999	1999	Montana Department of Fish, Wildlife, and Parks	38107
Kanda, Naohisa	Genetic Letter To Scott Rumsey, 5/7/1999	1999	University of Montana	
Knotek, Ladd	Review of Crucial Areas Project	2009		
Leary, Robb	Genetic Letter To Scott Rumsey, 2/20/1996	1996	University of Montana	8013
Leathe, Stephen A., And Michael D. Enk	Cumulative Effects Of Micro-Hydro Development On The Fisheries Of The Swan River Drainage, Montana: Volume I: Final Summary Report; April 1985. Contract Nos. DE-A179-82BP36717 And DE-A179-83BP9802, Project 82-19	1985	Bonneville Power Administration. Montana Dept. of Fish, Wildlife and Parks. U.S. Forest Service, Flathead N.F.	18105
Leathe, Stephen A., And Patrick J. Graham	Cumulative Effects Of Micro-hydro Development On The Fisheries Of The Swan River Drainage, Montana; First Annual Progress Report (Covering Field Season July - November 1982). Agreement No. DE-A179-82BP36717.	1983	Bonneville Power Administration, Montana Dept. of Fish, Wildlife and Parks	18070
Leathe, Stephen A., And Patrick J. Graham. Montana Dept. of Fish, Wildlife and Parks	Flathead Lake Fish Food Habits Study; October 1982: Final Report	1982	Environmental Protection Agency. Steering Committee for Flathead River Basin Environmental Impact Study.	18109
Leathe, Stephen A., Michael D. Enk, And Patrick J. Graham	An Evaluation Of The Potential Cumulative Bioeconomic Impacts Of Proposed Small-scale Hydro Development On The Fisheries Of The Swan River Drainage, Montana	1985	Symposium on Small Hydropower and Fisheries, Denver, Co., May 1-3, 1985	17825
Leathe, Stephen A., Steve Bartelt, And Lani M. Morris	Cumulative Effects Of Micro-hydro Development On The Fisheries Of The Swan River Drainage, Montana, Volume II. Technical Information; July 1985, contract No. De-a179-82bp36717 Project 82-19	1985	Bonneville Power Administration	31592
Marotz, Brian L., Craig Althen, Bill Lonon, and Daniel Gustafson. Montana Dept. of Fish, Wildlife and Parks. Dept. of Biology, Montana State Univ., Bozeman	Model Development To Establish Integrated Operational Rule Curves For Hungry Horse And Libby Reservoirs, Montana: Final Report 1996; January 1996	1996	Bonneville Power Administration	18127
Mendelsohn, Rob, And Ed Whitelaw, ECO Northwest,	Literature Review Of Methodologies To Evaluate Recreation Associated With Fish In The Swan River	1983	Montana Department of Fish, Wildlife, and	18071

Ltd.	Drainage; June 30 1983: Draft Report; June 30, 1983		Parks	
Montana Dept. Of Fish, Wildlife And Parks	Appendix A: Assessment Of Methods For Valuing The Potential Loss Of Fish Populations In The Swan River Drainage: Revised Version of Literature Review Of Methodologies To Evaluate Recreation Associated With Fish In The Swan River Drainage; [1983 ?]	[1983 ?]	Montana Department of Fish, Wildlife, and Parks	18072
Montana Dept. Of Fish, Wildlife And Parks	Memorandum Of Understanding And Conservation Agreement For Westslope Cutthroat Trout (oncorhynchus Clarki Lewisi) In Montana; May 1999	1999	Montana Department of Fish, Wildlife, and Parks	18671
Montana Dept. Of Fish, Wildlife And Parks	Montana Unauthorized Fish Introduction Database; March 1998	1998	Montana Department of Fish, Wildlife, and Parks	19382
Montana Dept. Of Fish, Wildlife And Parks	Montana Warmwater Fisheries Management Plan 1997-2006; March 1997	1997	Montana Department of Fish, Wildlife, and Parks	29202
Montana Dept. Of Fish, Wildlife And Parks	Montana Warm Water Fish Management Plan; March 1987	1987	Montana Department of Fish, Wildlife, and Parks	19165
Montana Fish, Wildlife And Parks, Kalispell, Montana Confederated Salish And Kootenai Tribes Of The Flathead Reservation	Flathead Lake And River Fisheries Co-management Plan: 2001-2010; November 2000	2000	Montana Department of Fish, Wildlife, and Parks. Confederated Salish and Kootenai Tribes of the Flathead Reservation	24872
Msu Vertebrate Collection,	Various Vertebrate Catalog Cards, 2/5/2003	2003	Mt. State University	
Muhlfeld, Clint C., et al.	Observer Error Structure in Bull Trout Redd Counts in Montana Streams: Implications for Inference on True Redd Numbers	2006	American Fisheries Society	19305
Ostle, Bernard	Statistics In Research	1954	Ames, Iowa: Iowa State College Press	
Parks Division, Montana Dept. Of Fish, Wildlife And Parks	1988 Montana Statewide Comprehensive Outdoor Recreation Plan (scorp); April 28, 1988	1988	Montana Department of Fish, Wildlife, and Parks	28968
Petersen, Adam and Daigle, Bill	Fish species distribution and abundance edits associated with the Crucial Areas and Connectivity Assessment. Biologists reviewed existing distribution maps in Dec, 2008 - Jan 2009.	2009	Montana Fish, Wildlife and Parks	
Roulson, Leanne H., Garcia And Associates, Bozeman, MT	Water Leases And Yellowstone Cutthroat Trout Fry Outmigration From Four Tributaries Of The Upper Yellowstone River, Project Year 2000; May 11, 2001. J5011	2001	Montana Department of Fish, Wildlife, and Parks	18019
Rumsey, Scott	Regional Mris Updates 2000, 4/1/2000	2000	Montana Department of Fish, Wildlife, and Parks	
Rumsey, Scott	Evaluation Of Spawning Gravel Placement In The Swan River Below Bigfork Dam; 1984-1985 Spawn Years, January 1984 Through September 1985; January 1986,flathead Lake Fisheries Investigations	1986	Montana Department of Fish, Wildlife, and Parks	39132
Rumsey, Scott	Ia, Seasonal, Area And Depth Distribution Of Cutthroat Trout, Bull Trout, And Lake Trout In Flathead Lake, July 1, 1984 To June 30, 1985; August 29, 1985,flathead Lake	1985	Montana Department of Fish, Wildlife, and	39130

	Fisheries Investigations		Parks	
Rumsey, Scott	Ia Supplement, Preliminary Evaluation Of Spawning Gravel Placement Below Bigfork Dam, 1983 Spawn Year; March 1984	1984	Montana Department of Fish, Wildlife, and Parks	39136
Sage, Kevin	Genetic letter to Thurston Dotson, 3/2/1993	1993	University of Montana	
Shepard, Bradley B., Stephen A. Leathe, Thomas M. Weaver, Michael D. Enk.	Monitoring Levels Of Fine Sediment Within Tributaries To Flathead Lake, And Impacts Of Fine Sediment On Bull Trout Recruitment	1984	Montana Department of Fish, Wildlife, and Parks	18115
Stagliano, David	Mussel Database	2010	Montana Natural Heritage Program	47452
Stanford, J. A., T. J. Stuart, And B. K. Ellis. Univ. of Montana Biological Station, Bigfork, Montana	Limnology of Flathead Lake: Final Report; December 1983	1983	Environmental Protection Agency. Steering Committee for Flathead River Basin Environmental Impact Study	18060
Stanford, Jack A., F. Richard Hauer, And Tom J. Stuart. Flathead Research Group, Univ. of Montana Biological Station, Bigfork. In affiliation with North Texas State Univ.	Annual Report Of Work Completed During 1978-79 On Limnology Of Flathead Lake - River Ecosystem, Montana	[1980]	Flathead Basin Environmental Impact Study. Environmental Protection Agency.	18128
Stefanich, Frank A.	Iiia, Natural Reproduction Of Kokanee In Flathead Lake And Tributaries; April 27, 1953	1953	Montana Fish and Game Department	39844
Stefanich, Frank A.	Iia, Inventory Of The Project Area's Waters From The Standpoint Of Physical And Chemical Characteristics; May 27, 1952	1952	Montana Fish and Game Department	39827
Stefanich, Frank A.	Northwest Montana Fishery Study; March 31, 1952,ia, Contribution Of Hatchery-reared Trout To Total Catch,ii, Inventory Of The Project Area's Waters From The Standpoint Of Physical And Chemical Characteristics,iib, Inventory Of The Project Area's Waters From The Standpoint Of Fish Response To Environment,iiia, Natural Reproduction Of Kokanee In Flathead Lake And Tributaries,iva, Establishing Measures Of Abundance Of Cutthroat Trout In Ashley Lake,ivb, Developing Measures To Determine Kokanee Abundance In Flathead Lake,va, Effectiveness Of Smith Lake Rearing Pond,via, Grayling Spawning Areas For Rogers Lake,vii, The Effects Of Logging On Pinkham's Fish Population	1952	Montana Fish and Game Department	17114
Stefanich, Frank A.	Northwest Montana Fishery Study; December 29, 1951	1951	Montana Fish and Game Department	39836
Stephens, Andrea and Beth Gardner	Report of Fish Taken Under Scientific Collector Permit 29-11	2011	Other Private	57537
The Montana Bull Trout Scientific Group	Flathead River Drainage Bull Trout Status Report (Including Flathead Lake, the North and Middle Forks of the Flathead River and the Stillwater and Whitefish rivers)	August 1995	The Montana Bull Trout Restoration Team	19074
The Montana Bull Trout Scientific	The Relationship Between Land Management Activities And Habitat Requirements Of Bull Trout; May 1998	1998	The Montana Bull Trout Restoration Team	11231

Group				
The Montana Bull Trout Scientific Group	Swan River Drainage Bull Trout Status Report (including Swan Lake); February 1996	1996	The Montana Bull Trout Restoration Team	19068
The Montana Bull Trout Scientific Group	The Role Of Hatcheries And Fish Transplants In Bull Trout Recovery; August, 1995	1995	The Montana Bull Trout Restoration Team	34558
Thomas, Ginger	Bull Trout In Montana; August, 1992, Status Report	1992	Montana Department of Fish, Wildlife, and Parks	19093
Usfs Et Al	Wsct Assessment, 1/1/2003	2003	U.S. Forest Service	
Vashro, James E.	Va, Survey And Inventory Of Coldwater And Warmwater Ecosystems: Flathead Lake - River System Study, July 1, 1993 Through June 30, 1994; September 23, 1994, Statewide Fisheries Investigations	1994	Montana Department of Fish, Wildlife, and Parks	17379
Vincent, E. Richard	Whirling Disease Report, 1997-98; January 12, 2000,project 3860	2000	Montana Department of Fish, Wildlife, and Parks	29152
Weaver, Thomas M.	Coal Creek Fisheries Monitoring Study No. IX and Forest-wide Fisheries Monitoring - 1990; May 1991. Contract No. P.O 43-0385-004-08	1991	U.S. Forest Service, Flathead National Forest	17824
Weaver, Thomas M.	Coal Creek Fisheries Monitoring Study No. VIII and Forest-wide Fisheries Monitoring - 1989; May 1990. Contract No. P.O. 44-0385-9-0347	1990	U.S. Forest Service, Flathead National Forest	17821
Weaver, Thomas M.	Coal Creek Fisheries Monitoring Study No. VII and Forest-wide Fisheries Monitoring - 1988; February 1989. Contract No. P. O. 53-0385-8-2925.	1989	U.S. Forest Service	8549
Weaver, Thomas M., And John J. Fraley	Coal Creek Fisheries Monitoring Study No. VI and Forest-Wide Fisheries Monitoring - 1987; February 1988	1988	U.S. Forest Service, Flathead N.F.	18140
Zubik, Raymond J., And John Fraley	Determination Of Fishery Losses In The Flathead System Resulting From The Construction Of Hungry Horse Dam; January 1987,final Completion Report 1986,contract No. De-a179-85bp2368 Project No. 85-23	1987	Bonneville Power Administration	
Zubik, Raymond J., And John Fraley. Montana Dept. of Fish, Wildlife and Parks	Determination Of Fishery Losse In The Flathead System Resulting From The Construction Of Hungry Horse Dam: Final Completion Report - 1986; January 1987. Contract No. DE-AI79-85BP23638. Project No. 85-23	1987	Bonneville Power Administration	18142
fredenberg, Wade;Patrick DeHaan;William Arden	Genetic Analysis and Photo Documentation of Hybridization between Bull Trout and Brook Trout in the Swan River Basin, Montana;December 1, 2007	2007	Creston Fish & Wildlife Center;Abernathy Fish Technology Center	32698



Monday, March 21, 2016

[Home](#) | [Log In](#) | [Sign Up](#) | [Site Map](#)

Query By Area

5 Northwestern States:

- [Query by Name](#)
- [Query From List](#)
- [Query by Area](#)
- [Query From Map](#)
- [Links Database](#)

You queried the area of Flathead County in Montana from 1875 to 2016 for All Species.

Results of Query

Other Services:

- [INVADERS Data Entry](#)
- [Weed Alert Service](#)
- [State/Provincial Noxious Weed Lists](#)
- [Biocontrol Service](#)
- [Blackfoot Weed Management](#)
- [ID/MT Risk Assessment](#)
- [Verification System](#)

There are 430 species for this query.

Exotic Noxious

230 48

Database queried on: March 21, 2016 Database last updated on: July 27, 2014

Genus	Species	Common Name	Exotic	Noxious In
Artemisia	absinthium	absinth wormwood	×	WA
Elymus	alaskanus	Alaskan wheatgrass		
Rhamnus	alnifolia	alder buckthorn		
Medicago	sativa	alfalfa	×	
Papaver	pygmaeum	alpine poppy		
Trifolium	hybridum	alsike clover	×	
Vicia	americana	American vetch		
Poa	annua	annual bluegrass	×	
Purshia	tridentata	antelope bitter brush		
Balsamorhiza	sagittata	arrowleaf balsamroot		
Petasites	sagittatus	arrowleaf coltsfoot		
Gypsophila	paniculata	baby's breath	×	WA
Populus	balsamifera	balsam poplar		
Carex	rostrata	beaked sedge		
Eleocharis	rostellata	beaked spikerush		
Agropyron	caninum	bearded wheatgrass		

About

- INVADERS:**
- [Statistics](#)
- [INVADERS Citation](#)
- [Purpose](#)
- [Goals](#)
- [Potential users](#)
- [Applications](#)
- [Publications](#)
- [Demonstration projects](#)
- [Comments](#)

Thelypteris	phegopteris	beechn fern		
Agrostis	sp.	bentgrass		
Artemisia	biennis	biennial wormwood		
Centaurea	macrocephala	bighead knapweed	×	OR,WA
Lomatium	macrocarpum	bigseed desert parsley		
Veronica	biloba	bilobed speedwell	×	
Ranunculus	pedatifidus	birdfoot buttercup		
Sagina	procumbens	birdseye pearlwort	×	
Lotus	corniculatus	birdsfoot trefoil	×	
Erigeron	acris	bitter fleabane		
Solanum	dulcamara	bittersweet nightshade	×	
Polygonum	convolvulus	black bindweed	×	
Hyoscyamus	niger	black henbane	×	ID,WA
Medicago	lupulina	black medic	×	
Brassica	nigra	black mustard	×	
Solanum	nigrum	black nightshade	×	
Silene	vulgaris	bladder campion	×	
Chenopodium	capitatum	blite goosefoot		
Chorispora	tenella	blue mustard	×	
Myosotis	micrantha	blue scorpion grass	×	
Agropyron	spicatum	bluebunch wheatgrass		
Echium	vulgare	blueweed	×	WA
Potamogeton	obtusifolius	blunt leaved pondweed		
Lycopodium	inundatum	bog clubmoss		
Acer	negundo	box elder		
Carex	comosa	bristly sedge		
Plantago	major	broadleaf plantain		
Centaurea	jacea	brown knapweed	×	WA
Plantago	lanceolata	buckhorn plantain	×	
Poa	bulbosa	bulbous bluegrass	×	
Cirsium	vulgare	bull thistle	×	OR,WA
Erysimum	repandum	bushy wallflower	×	
Ranunculus	sp.	buttercup		
Botrychium	hesperium	camomile grape fern		
Poa	compressa	Canada bluegrass	×	

Cirsium	arvense	Canada thistle	×	ID,MT,OR,WA,WY
Campanula	medium	Canterbury bells	×	
Geranium	carolinianum	Carolina geranium		
Asperugo	procumbens	catchweed	×	
Galium	aparine	catchweed bedstraw		
Nepeta	cataria	catnip	×	
Bromus	secalinus	cheat	×	
Stellaria	media	chickweed	×	
Cichorium	intybus	chicory	×	
Lepidium	perfoliatum	clasping pepperweed	×	
Anemone	multifida	cliff anemone		
Madia	glomerata	cluster tarweed		
Campanula	glomerata	clustered bellflower	×	
Xerophyllum	tenax	common beargrass		
Anchusa	officinalis	common bugloss	×	OR,WA
Arctium	minus	common burdock	×	WY
Carum	carvi	common caraway	×	
Prunus	virginiana	common chokecherry		
Elodea	canadensis	common elodea		
Oenothera	biennis	common evening primrose		
Senecio	vulgaris	common groundsel	×	
Galeopsis	tetrahit	common hemp nettle	×	
Humulus	lupulus	common hop		
Chenopodium	album	common lambquarters	×	
Lysimachia	verticillata	common loosestrife	×	
Malva	rotundifolia	common mallow	×	
Mimulus	guttatus	common monkey flower		
Verbascum	thapsus	common mullein	×	
Vinca	minor	common periwinkle	×	
Portulaca	oleracea	common purslane	×	
Tragopogon	porrifolius	common salsify	×	
Veronica	officinalis	common speedwell	×	

Tanacetum	vulgare	common tansy	×	MT,WA,WY
Holcus	lanatus	common velvetgrass	×	
Wolffia	columbiana	common watermeal		
Epilobium	ciliatum	common willow herb		
Achillea	millefolium	common yarrow		
Silene	conoidea	cone catchfly	×	
Ranunculus	arvensis	corn buttercup	×	
Agrostemma	githago	corn cockle	×	
Lithospermum	arvense	corn gromwell	×	
Veronica	arvensis	corn speedwell	×	
Spergula	arvensis	corn spurry	×	
Centaurea	cyanus	cornflower	×	
Vaccaria	pyramidata	cowcockle	×	
Campanula	rapunculoides	creeping bellflower	×	
Agrostis	stolonifera	creeping bentgrass	×	
Ranunculus	repens	creeping buttercup	×	
Thymus	serpyllum	creeping thyme	×	
Oxalis	corniculata	creeping woodsorrel	×	
Dryopteris	cristata	crested shield fern		
Agropyron	cristatum	crested wheatgrass	×	
Secale	cereale	cultivated rye	×	WA
Triticum	aestivum	cultivated wheat	×	
Rumex	crispus	curly dock	×	
Potamogeton	crispus	curlyleaf pondweed	×	
Erigeron	compositus	cut leaved daisy		
Euphorbia	cyparissias	cypress spurge	×	
Linaria	dalmatica	dalmatian toadflax	×	ID,MT,OR,WA,WY
Hesperis	matronalis	damesrocket	×	
Taraxacum	officinale	dandelion	×	
Castilleja	cervina	deer paintbrush		
Dianthus	armeria	deptford pink	×	
Centaurea	diffusa	diffuse knapweed	×	ID,MT,OR,WA,WY
Erucastrum	gallicum	dog mustard	×	
Polygonum	douglasii	Douglas' knotweed		
Bromus	tectorum	downy brome	×	

Arabis	drummondii	Drummond's rockcress		
Alyssum	desertorum	dwarf alyssum	×	
Malva	neglecta	dwarf mallow	×	
Rubus	pubescens	dwarf red blackberry		
Chaenorrhinum	minus	dwarf snapdragon	×	
Isatis	tinctoria	dyer's woad	×	ID,MT,OR,WA,WY
Erigeron	eatonii	Eaton's daisy		
Myriophyllum	spicatum	Eurasian watermilfoil	×	ID,MT,OR,WA
Berberis	vulgaris	European barberry	×	
Rhamnus	cathartica	European buckthorn	×	
Sorbus	aucuparia	European mountain ash	×	
Lappula	echinata	European sticktight	×	
Festuca	sp.	fescue		
Chrysanthemum	parthenium	feverfew	×	
Cardamine	oligosperma	few seeded bittercress		
Convolvulus	arvensis	field bindweed	×	ID,MT,OR,WA,WY
Filago	arvensis	field filago	×	
Equisetum	arvense	field horsetail		OR
Thlaspi	arvense	field pennycress	×	
Viola	arvensis	field violet	×	
Potentilla	quinquefolia	fiveleaf cinquefoil		
Potamogeton	zosteriformis	flatstem pondweed		
Thesium	linophyllum	flaxleaf	×	
Descurainia	sophia	flixweed	×	
Butomus	umbellatus	flowering rush	×	
Poa	palustris	fowl bluegrass	×	
Hordeum	jubatum	foxtail barley		
Nymphaea	odorata	fragrant waterlily		
Allium	fibrillum	fringed onion		
Erigeron	lackschewitzii	front mountain erigeron		
Atriplex	hortensis	garden orach	×	
Eruca	sativa	garden rocket	×	
Veronica	chamaedrys	germander speedwell	×	

Epipactis	gigantea	giant helleborine		
Polygonum	sachalinense	giant knotweed	×	OR,WA
Gilia	sp.	gilia		
Gentiana	glauca	glaucous gentian		
Crepis	intermedia	gray hawksbeard		
Arctium	lappa	great burdock	×	
Drosera	anglica	great sundew		
Setaria	viridis	green foxtail	×	
Carex	oederi	green sedge		
Rumex	acetosa	green sorrel	×	
Hieracium	greenei	Greene's hawkweed		
Eriophorum	viridicarinatum	green-keeled cotton-grass		
Glecoma	hederacea	ground ivy	×	
Lycopodium	obscurum	groundpine		
Silene	dichotoma	hairy catchfly	×	
Bromus	commutatus	hairy chess	×	
Solanum	sarrachoides	hairy nightshade	×	
Vicia	villosa	hairy vetch	×	
Phalaris	aquatica	Harding grass	×	
Campanula	rotundifolia	harebell		
Conringia	orientalis	hare's ear mustard	×	
Prunella	vulgaris	healall		
Lamium	amplexicaule	henbit	×	
Viburnum	opulus	highbush cranberry		
Berteroa	incana	hoary alyssum	×	
Cardaria	draba	hoary cress	×	ID,MT,OR,WA,WY
Arabis	holboellii	Holboell's rockcress		
Trifolium	agrarium	hop clover	×	
Aesculus	hippocastanum	horsechestnut		
Conyza	canadensis	horseweed		
Cynoglossum	officinale	houndstongue	×	MT,OR,WA,WY
Eriophorum	hudsonianus	Hudson cotton grass		
Tragopogon	miscellus	hybrid salsify	×	
Hyssopus	officinalis	hyssop	×	
Potamogeton	illinoensis	Illinois pondweed		
Agropyron	intermedium	intermediate wheatgrass	×	

Agrostis	interrupta	interrupted apera	×	
Carex	eburnea	ivory sedge		
Bromus	japonicus	Japanese brome	×	
Polygonum	cuspidatum	Japanese knotweed	×	OR,WA
Chenopodium	botrys	Jerusalem oak goosefoot	×	
Poa	pratensis	Kentucky bluegrass	×	
Viola	renifolia	kidney leaved violet		
Hieracium	piloselloides	kingdevil hawkweed	×	MT,OR
Arctostaphylos	uva-ursi	kinnikinnick		
Scleranthus	annuus	knawel	×	
Kochia	scoparia	kochia	×	OR,WA
Polygonum	persicaria	ladysthumb	×	
Trifolium	procumbens	large hop clover	×	
Camelina	sativa	largeseed falseflax	×	
Euphorbia	esula	leafy spurge	×	ID,MT,OR,WA,WY
Arabis	lemmonii	Lemmon's rockcress		
Carex	lenticularis	lentil fruited sedge		
Drosera	linearis	linear leaved sundew		
Delphinium	bicolor	little larkspur		
Arabis	microphylla	littleleaf rockcress		
Erigeron	corymbosus	long leaved fleabane		
Veronica	longifolia	longleaf speedwell	×	
Cenchrus	longispinus	longspine sandbur		WA
Gnaphalium	palustre	lowl cudweed		
Arabis	lyallii	Lyall's rockcress		
Arabis	lyrata	lyre leaved rockcress		
Draba	macounii	Macoun's draba		
Asplenium	trichomanes	maidenhair spleenwort		
Marchantia	polymorpha	many form marchantia moss		
Chenopodium	gigantospermum	mapleleaf goosefoot	×	
Cannabis	sativa	marijuana	×	

Aster	hesperius	marsh aster		
Galium	palustre	marsh bedstraw	×	
Polygonum	hydropiper	marshpepper smartweed	×	
Anthemis	cotula	mayweed chamomile	×	
Aster	campestris	meadow aster		
Oenothera	pilosella	meadow eveningprimrose		
Festuca	pratensis	meadow fescue	×	
Alopecurus	pratensis	meadow foxtail	×	
Hieracium	pratense	meadow hawkweed	×	ID,MT,OR,WA
Tragopogon	pratensis	meadow salsify	×	
Amsinckia	menziesii	Menzies' fiddleneck		
Botrychium	minganense	Mingan Island moonwort		
Ranunculus	verecundus	modest buttercup		
Euphorbia	lathyris	mole plant	×	
Robinia	hispida	moss locust		
Sedum	acre	mossy stonecrop	×	
Verbascum	blattaria	moth mullein	×	
Utricularia	intermedia	mountain bladderwort		
Botrychium	montanum	mountain moonwort		
Cerastium	vulgatum	mouseear chickweed	×	
Artemisia	vulgaris	mugwort	×	
Carduus	nutans	musk thistle	×	ID,OR,WA,WY
Collomia	linearis	narrow leaf collomia		
Chenopodium	murale	nettleleaf goosefoot	×	
Silene	noctiflora	nightflowering catchfly	×	
Lomatium	triternatum	nine leaf lomatium		
Achillea	nobilis	noble yarrow	×	
Ophioglossum	pusillum	northern adderstongue		
Galium	boreale	northern bedstraw		
Goodyera	repens			

		northern rattlesnake		
		plantain		
Acer	platanoides	Norway maple	×	
Arabis	nuttallii	Nuttall's rockcress		
Chenopodium	glaucum	oakleaf goosefoot	×	
Papaver	somniferum	opium poppy	×	
Arnica	fulgens	orange arnica		
Hieracium	aurantiacum	orange hawkweed	×	ID,MT,OR,WA
Lonicera	ciliosa	orange honeysuckle		
Dactylis	glomerata	orchardgrass	×	
Eleocharis	obtusa	ovoid spike rush		
Chrysanthemum	leucanthemum	oxeye daisy	×	MT,WA,WY
Corydalis	sempervirens	pale corydalis		
Carex	livida	pale sedge		
Polygonum	lapathifolium	pale smartweed	×	
Cardamine	pensylvanica	Pennsylvania bittercress		
Sonchus	arvensis	perennial sowthistle	×	ID,WA,WY
Veronica	persica	Persian speedwell	×	
Matricaria	matricarioides	pineapple weed	×	
Lathyrus	bijugatus	pinewoods peavine		
Microsteris	gracilis	pink microsteris		
Carduus	acanthoides	plumeless thistle	×	OR,WA,WY
Scheuchzeria	palustris	pod grass		
Potamogeton	sp.	pondweed		
Carex	paupercula	poor sedge		
Sphenopholis	obtusata	prairie wedgescale		
Lactuca	serriola	prickly lettuce	×	
Verbena	bracteata	prostrate vervain		
Lythrum	salicaria	purple loosestrife	×	ID,OR,WA,WY
Calamagrostis	purpurascens	purple reedgrass		
Veronica	peregrina	purslane speedwell		
Antennaria	sp.	pussy-toes		
Nymphaea	tetragona	pygmy water lily		
Agropyron	repens	quackgrass	×	OR,WY
Trifolium	arvense	rabbitfoot clover	×	
Vulpia	myuros	rattail fescue	×	
Senecio	indecorus			

		rayless mountain butterweed		
Actaea	rubra	red baneberry		
Trifolium	pratense	red clover	×	
Sambucus	racemosa	red elderberry		
Festuca	rubra	red fescue	×	
Cornus	stolonifera	red osier dogwood		
Spergularia	rubra	red sandspurry	×	
Taraxacum	laevigatum	red seeded dandelion	×	
Rumex	acetosella	red sorrel	×	
Amaranthus	retroflexus	redroot pigweed		
Erodium	cicutarium	redstem filaree	×	
Phalaris	arundinacea	reed canarygrass	×	WA
Arabis	sp.	rockcress		
Delphinium	ajacis	rocket larkspur	×	
Acer	glabrum	Rocky Mountain maple		
Crepis	tectorum	rooftop hawksbeard	×	
Carex	chordorrhiza	rope root sedge		
Rosa	sp.	rose		
Lychnis	coronaria	rose campion	×	
Antennaria	microphylla	rosy pussy toes		
Potentilla	norvegica	rough cinquefoil		
Poa	trivialis	roughstalk bluegrass	×	
Orchis	rotundifolia	round leaved orchis		
Chondrilla	juncea	rush skeletonweed	×	ID,MT,OR,WA
Centaurea	repens	Russian knapweed	×	ID,MT,OR,WA,WY
Salsola	iberica	Russian thistle	×	
Onobrychis	viciifolia	sainfoin	×	
Tragopogon	sp.	salsify		
Gaura	coccinea	scarlet gaura		
Matricaria	maritima	scentless chamomile	×	WA
Onopordum	acanthium	Scotch thistle	×	ID,OR,WA,WY
Triglochin	maritimum	seaside arrow grass		
Erigeron	pumilus	shaggy fleabane		
Capsella	bursa-pastoris	shepherd's purse	×	
Mimulus	breviflorus			

		short flowered monkey flower	
Cirsium	brevistylum	short styled thistle	
Myriophyllum	sibiricum	shortspike watermilfoil	
Medicago	falcata	sickle medic	×
Potentilla	anserina	silverweed cinquefoil	
Potentilla	argentea	silvery cinquefoil	×
Festuca	octoflora	sixweeks fescue	
Potentilla	gracilis	slender cinquefoil	
Eriophorum	gracile	slender cotton grass	
Oxytropis	campestris	slender crazyweed	
Carex	tenuiflora	slender flowered sedge	
Thelypodium	sagittatum	slender thelypody	
Trifolium	dubium	small hop clover	×
Tofieldia	pusilla	small tofieldia	
Carex	stenoptila	small winged sedge	
Cypripedium	calceolus	small yellow lady's slipper	
Camelina	microcarpa	smallseed false flax	×
Aster	laevis	smooth aster	
Bromus	inermis	smooth brome	×
Silene	csereii	smooth catchfly	×
Erigeron	glabellus	smooth daisy	
Amaranthus	hybridus	smooth pigweed	×
Achillea	ptarmica	sneezeweed	×
Symphoricarpos	sp.	snowberry	
Bromus	mollis	soft brome	×
Echinops	ruthenicus	southern globe thistle	×
Najas	guadalupensis	southern naiad	
Sonchus	sp.	sow-thistle	
Silene	spaldingii	Spalding's catchfly	
Cypripedium	passerinum	sparrow's egg lady's slipper	
Erigeron	lonchophyllus	spear leaf fleabane	
Mentha	spicata	spearmint	×

Sonchus	asper	spiny sowthistle	×	
Centaurea	maculosa	spotted knapweed	×	ID,MT,OR,WA,WY
Scolochloa	festucacea	sprangletop	×	
Osmorhiza	chilensis	spreading sweetroot		
Arabis	divaricarpa	spreadingpod rockcress		
Myosotis	verna	spring forget me not		
Veronica	verna	spring speedwell	×	
Draba	verna	spring whitlowgrass	×	
Halenia	deflexa	spurred gentian		
Hypericum	perforatum	St. Johnswort	×	MT,OR,WA,WY
Rhus	typhina	staghorn sumac		
Cerastium	viscosum	sticky chickweed	×	
Urtica	dioica	stinging nettle		
Potentilla	recta	sulfur cinquefoil	×	MT,OR,WA
Euphorbia	helioscopia	sun spurge	×	
Petasites	frigidus	sweet coltsfoot		
Senecio	foetidus	sweet marsh butterweed		
Viola	odorata	sweet violet	×	
Ranunculus	acris	tall buttercup	×	MT
Festuca	arundinacea	tall fescue	×	
Arrhenatherum	elatus	tall oatgrass	×	
Sisymbrium	altissimum	tall tumbled mustard	×	
Senecio	jacobaea	tansy ragwort	×	ID,MT,OR,WA
Agropyron	dasystachyum	thick spiked wheatgrass		
Erigeron	filifolius	thread leaf fleabane		
Juncus	triglumis	three flowered rush		
Dracocephalum	thymiflorum	thyme leaved dragonhead	×	
Arenaria	serpyllifolia	thymeleaf sandwort	×	
Veronica	serpyllifolia	thymeleaf speedwell	×	
Phleum	pratense	timothy	×	
Arabis	glabra	tower mustard	×	
Botrychium	ascendens			

		triangular-lobed moonwort	
Myosotis	scorpioides	true forget me not	×
Scirpus	cespitosus	tufted clubrush	
Aconitum	x bicolor	two-colored monkshood	×
Vaccinium	myrtilloides	velvetleaf blueberry	
Vicia	sp.	vetch	
Lepidium	virginicum	Virginia pepperweed	
Erysimum	cheiranthoides	wallflower mustard	×
Scirpus	subterminalis	water clubrush	
Bidens	beckii	water marigold	
Polygonum	amphibium	water smartweed	
Veronica	anagallis- aquatica	water speedwell	×
Nasturtium	officinale	watercress	×
Sium	suave	waterparsnip	
Brasenia	schreberi	watershield	
Zosterella	dubia	waterstargrass	
Botrychium	crenulatum	wavy moonwort	
Atriplex	heterosperma	weedy orache	×
Symphotrichum	ascendens	western aster	
Clematis	occidentalis	western blue virginsbower	
Androsace	occidentalis	western fairy candelabra	
Lithospermum	ruderales	western gromwell	
Toxicodendron	rydbergii	western poison ivy	
Tragopogon	dubius	western salsify	×
Amelanchier	alnifolia	western serviceberry	
Kalmia	occidentalis	western swamp laurel	
Cicuta	douglasii	western waterhemlock	
Silene	latifolia	white catchfly	×
Trifolium	repens	white clover	×
Aster	falcatus	white prairie aster	
Melilotus	alba	white sweetclover	×

Monarda	fistulosa	wild bergamot		
Avena	fatua	wild oat	×	
Pastinaca	sativa	wild parsnip	×	
Panicum	miliaceum	wild proso millet	×	OR
Draba	nemorosa	wood whitlowgrass		
Fragaria	vesca	woods strawberry		
Erigeron	lanatus	woolly daisy		
Hieracium	scouleri	woolly hawkweed		
Sedum	stenopetalum	wormleaf stonecrop		
Alyssum	alyssoides	yellow alyssum	×	
Geum	aleppicum	yellow avens		
Penstemon	confertus	yellow penstemon		
Rhinanthus	crista-galli	yellow rattle		
Barbarea	vulgaris	yellow rocket	×	
Carex	flava	yellow sedge		
Collomia	tinctoria	yellow staining collomia		
Centaurea	solstitialis	yellow starthistle	×	ID,MT,OR,WA
Melilotus	officinalis	yellow sweetclover	×	
Linaria	vulgaris	yellow toadflax	×	ID,MT,OR,WA,WY
Iris	pseudacorus	yellowflag iris	×	MT,WA

copyright © 2016

Weeds

[Department Home](#)

[Map & Directions](#)

[What Are Noxious Weeds?](#)

[Montana State Declared Noxious Weeds](#)

[Flathead County Declared Noxious Weeds](#)

[Prevention, Control & Eradication](#)

[Calibration Instructions](#)

[Services](#)

[FAQ's](#)

[Forms & Documents](#)

[News & Events](#)

[Useful Links](#)

[Contact Us](#)

Flathead County Declared Noxious Weeds

PRIORITY 2A

These weeds are common in isolated areas of Flathead County, Montana. Management criteria will require eradication or containment where less abundant. Management shall be prioritized by local weed districts.

- Baby's breath (*Gypsophila paniculata*)
- Russian thistle (*Salsosa trangus*)
- Tumble mustard (*Sisymbrium altissimum*)
- White campion (*Silene latifolia*)

PRIORITY 3

Regulated Plants: (NOT FLATHEAD COUNTY LISTED NOXIOUS WEEDS)

These regulated plants have the potential to have significant negative impacts. The plant may not be intentionally spread or sold other than as a contaminant in agricultural products. The state recommends research, education and prevention to minimize the spread of the regulated plant.

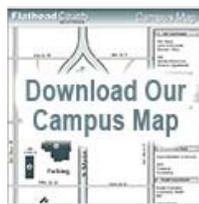
- Creeping Bellflower (*Campanula rapunculoides*)
- Scentless Chamomile (*Matricaria perforate*)
- Absinth Wormwood (*Artemisia absinthium*)
- Common Yarrow (*Achillea millefolium*)
- Kochia (*Kochia scoparia*)

Flathead County Government

Kalispell, MT

[Contact Us](#)

[Privacy Policy](#)



[Home](#)

[About Flathead County](#)

[Officials and Boards](#)

[Services Directory](#)

[Calendar of Events](#)

[County Holiday Listing](#)

[Departments](#)

[ADA Compliancy](#)

[Jobs](#)

DISCLAIMER: No endorsement is intended or made of any hypertext link, product, service, or information either by its inclusion or exclusion from this page or site. While all attempts are made to insure the correctness and suitability of information under our control and to correct any errors brought to our attention, no representation or guarantee can be made as to the correctness or suitability of that information or any linked information presented, referenced, or implied. All critical information should be independently verified. Any questions should be directed to the administrators of this or any other specific sites.

Township:26 N	Range:19W	Section:6
MCKAY	KATHRYN L.	
5 /19/2000	<i>CULTURAL RESOURCE INVENTORY AND EVALUATION OF THE BIGFORK NORTH AND SOUTH ROADWAY RECONSTRUCTION PROJECT, BIG FORK MONTANA, FLATHEAD AND LAKE COUNTIES</i>	
CRABS Document Number:	FH 4 23322	Agency Document Number: STPP 52-1(18)27 CN 4035
Township:26 N	Range:20W	Section:1
DAVIS	LESLIE B.	
10 /18/1978	<i>WAYFARER STATE PARK</i>	
CRABS Document Number:	FH 6 3219	Agency Document Number:
Township:26 N	Range:20W	Section:1
MCKAY	KATHRYN L.	
5 /19/2000	<i>CULTURAL RESOURCE INVENTORY AND EVALUATION OF THE BIGFORK NORTH AND SOUTH ROADWAY RECONSTRUCTION PROJECT, BIG FORK MONTANA, FLATHEAD AND LAKE COUNTIES</i>	
CRABS Document Number:	FH 4 23322	Agency Document Number: STPP 52-1(18)27 CN 4035
Township:26 N	Range:20W	Section:1
MCKAY	KATHRYN L.	
5 / /2000	<i>CULTURAL RESOURCE INVENTORY AND EVALUATION OF THE BIGFORK - NORTH AND SOUTH ROADWAY CONSTRUCTION PROJECT, BIGFORK, MONTANA, FLATHEAD AND LAKE COUNTIES</i>	
CRABS Document Number:	LA 4 23015	Agency Document Number: STPP 52-1(18)27
Township:26 N	Range:20W	Section:1
CHURCH	TIM	
6 / /1988	<i>REPORT ON CULTURAL RESOURCE MONITORING AT TWO SITES IN REGIONS ONE AND TWO, LAKE AND MISSOULA COUNTIES, MONTANA</i>	
CRABS Document Number:	LA 6 12272	Agency Document Number: 00
Township:26 N	Range:20W	Section:1
MCKAY	KATHRYN L.	
5 / /2000	<i>CULTURAL RESOURCE INVENTORY AND EVALUATION OF THE BIGFORK - NORTH AND SOUTH ROADWAY CONSTRUCTION PROJECT, BIGFORK, MONTANA, FLATHEAD AND LAKE COUNTIES</i>	
CRABS Document Number:	LA 4 23015	Agency Document Number: STPP 52-1(18)27
Township:26 N	Range:20W	Section:1
MCKAY	KATHRYN L.	
5 / /2000	<i>CULTURAL RESOURCE INVENTORY AND EVALUATION OF THE BIGFORK - NORTH AND SOUTH ROADWAY CONSTRUCTION PROJECT, BIGFORK, MONTANA, FLATHEAD AND LAKE COUNTIES</i>	
CRABS Document Number:	LA 4 23015	Agency Document Number: STPP 52-1(18)27
Township:26 N	Range:20W	Section:1
AXLINE	JON A.	
4 /20/1994	<i>DISTRICT 1 SLOPE FLATTENING</i>	
CRABS Document Number:	FH 4 15932	Agency Document Number: STPHS 0002(93)

Township:27 N Range:19W Section:31

GRAY DALE M.

10 / /1990 *BIGFORK DIVERSION DAM - 24FH450*

CRABS Document Number: FH 6 11635 Agency Document Number:

Township:27 N Range:19W Section:31

HERITAGE RESEARCH CENTER, LTD.

7 /3 /2000 *CULTURAL RESOURCE INVESTIGATION: RE-EVALUATION OF THE BIGFORK DIVERSION DAM*

CRABS Document Number: FH 6 23031 Agency Document Number:

Township:27 N Range:19W Section:32

MARSHIK JOEL M.

8 /3 /1995 *BR 9015(11) SWAN RIVER BRIDGE (WEST OF FERNDALE) FLATHEAD COUNTY, MONTANA*

CRABS Document Number: FH 4 17729 Agency Document Number: BR 9015(11)

Township:27 N Range:19W Section:32

BEERY DEREK S., ET AL.

7 /13 /2005 *CULTURAL RESOURCES INVESTIGATIONS REPORT ASSOCIATED WITH THE BIG FORK HYDROELECTRIC PROJECT, FERC PROJECT IN FLATHEAD COUNTY, MONTANA*

CRABS Document Number: FH 6 27960 Agency Document Number: FERC PROJECT 2652-007

Township:27 N Range:20W Section:25

GRAY DALE M.

5 /1 /1997 *CULTURAL RESOURCE INVENTORY AND ASSESSMENT: PROPOSED POST OFFICE FACILITY BIGFORK, FLATHEAD COUNTY, MONTANA*

CRABS Document Number: FH 6 19482 Agency Document Number:

Township:27 N Range:20W Section:25

SAMDAHL ROD

6 /11 /1997 *TREASURE STATE CONCRETE - MERRIS SITE*

CRABS Document Number: FH 5 19418 Agency Document Number:

Township:27 N Range:20W Section:25

MCKAY KATHRYN L.

5 /19 /2000 *CULTURAL RESOURCE INVENTORY AND EVALUATION OF THE BIGFORK NORTH AND SOUTH ROADWAY RECONSTRUCTION PROJECT, BIG FORK MONTANA, FLATHEAD AND LAKE COUNTIES*

CRABS Document Number: FH 4 23322 Agency Document Number: STPP 52-1(18)27 CN 4035

Township:27 N Range:20W Section:25

MCKAY KATHRYN L.

5 / /2000 *CULTURAL RESOURCE INVENTORY AND EVALUATION OF THE BIGFORK - NORTH AND SOUTH ROADWAY CONSTRUCTION PROJECT, BIGFORK, MONTANA, FLATHEAD AND LAKE COUNTIES*

CRABS Document Number: LA 4 23015 Agency Document Number: STPP 52-1(18)27

Township:27 N	Range:20W	Section:25
MCKAY	KATHRYN L.	
5 / /2000	<i>CULTURAL RESOURCE INVENTORY AND EVALUATION OF THE BIGFORK - NORTH AND SOUTH ROADWAY CONSTRUCTION PROJECT, BIGFORK, MONTANA, FLATHEAD AND LAKE COUNTIES</i>	
CRABS Document Number:	LA 4 23015	Agency Document Number: STPP 52-1(18)27
Township:27 N	Range:20W	Section:35
WALKER-KUNTZ	PATRICK J.	
4 /19/1999	<i>KERR NORTH SHORE EROSION CONTROL PROJECT (FOR LEGACY CONSULTING SERVICES, BUTTE, MT)</i>	
CRABS Document Number:	FH 6 22247	Agency Document Number:
Township:27 N	Range:20W	Section:35
MCCORMICK	MARY E.	
2 / /1987	<i>CULTURAL RESOURCE LITERATURE SEARCH FLATHEAD LAKE</i>	
CRABS Document Number:	LA 6 4390	Agency Document Number:
Township:27 N	Range:20W	Section:35
BERGSTROM	MICHAEL W.	
2 /19/1990	<i>CULTURAL RESOURCE INVENTORY ALONG NORTH FLATHEAD LAKE AT TWO SHORELINE EROSION CONTROL DEMONSTRATION PROJECT SITES</i>	
CRABS Document Number:	FH 6 3248	Agency Document Number:
Township:27 N	Range:20W	Section:35
HALL	DANIEL S.	
12 / /2002	<i>CULTURAL RESOURCE SURVEY: BIGFORK 404 APPLICATION, BIGFORK MONTANA</i>	
CRABS Document Number:	FH 6 26062	Agency Document Number:
Township:27 N	Range:20W	Section:35
DEAVER	SHERRI	
5 /15/1989	<i>RE-EXAMINATION OF 18 CULTURAL RESOURCES ADJACENT TO FLATHEAD LAKE, LAKE AND FLATHEAD COUNTIES, MONTANA</i>	
CRABS Document Number:	LA 6 4396	Agency Document Number: 00
Township:27 N	Range:20W	Section:35
EMERSON	STEPHEN	
11 / /2012	<i>CULTURAL RESOURCES SURVEY FOR THE BONNEVILLE POWER ADMINISTRATIONS'S DIAMOND B RANCH AND OSPREY VIEW CONSERVATION PROJECTS, FLATHEAD COUNTY, MONTANA</i>	
CRABS Document Number:	FH 6 34014	Agency Document Number: 1991-013-00
Township:27 N	Range:20W	Section:36
SCOTT	SARA	
3 / /2015	<i>HERITAGE RESOURCES INVENTORY FOR PROPOSED IMPROVEMENTS TO WEST SHORE AND WAYFARERS STATE PARKS, FLATHEAD AND LAKE COUNTIES, MONTANA.</i>	
CRABS Document Number:	FH 6 37678	Agency Document Number:

Township:27 N	Range:20W	Section:36
MCCORMICK	MARY E.	
2 / /1987	CULTURAL RESOURCE LITERATURE SEARCH FLATHEAD LAKE	
CRABS Document Number:	LA 6 4390	Agency Document Number:
Township:27 N	Range:20W	Section:36
AXLINE	JON A.	
4 /20/1994	DISTRICT 1 SLOPE FLATTENING	
CRABS Document Number:	FH 4 15932	Agency Document Number: STPHS 0002(93)
Township:27 N	Range:20W	Section:36
DEAVER	SHERRI	
5 /15/1989	RE-EXAMINATION OF 18 CULTURAL RESOURCES ADJACENT TO FLATHEAD LAKE, LAKE AND FLATHEAD COUNTIES, MONTANA	
CRABS Document Number:	LA 6 4396	Agency Document Number: 00
Township:27 N	Range:20W	Section:36
WATKINS	MARTY	
1 /20/1990	MONTANA HISTORICAL AND ARCHITECTURAL INVENTORY, PARCHEN SUMMER CABIN (WAYFARER'S STATE RECREATION AREA)	
CRABS Document Number:	FH 6 3247	Agency Document Number:
Township:27 N	Range:20W	Section:36
MCLEAN	GARY A., ET AL.	
8 /26/1980	ARCHAEOLOGICAL TEST EXCAVATIONS: BIG FORK RANGER STATION	
CRABS Document Number:	FH 1 2941	Agency Document Number:
Township:27 N	Range:20W	Section:36
MCKAY	KATHRYN L.	
5 /19/2000	CULTURAL RESOURCE INVENTORY AND EVALUATION OF THE BIGFORK NORTH AND SOUTH ROADWAY RECONSTRUCTION PROJECT, BIG FORK MONTANA, FLATHEAD AND LAKE COUNTIES	
CRABS Document Number:	FH 4 23322	Agency Document Number: STPP 52-1(18)27 CN 4035
Township:27 N	Range:20W	Section:36
MCKAY	KATHRYN L.	
5 / /2000	CULTURAL RESOURCE INVENTORY AND EVALUATION OF THE BIGFORK - NORTH AND SOUTH ROADWAY CONSTRUCTION PROJECT, BIGFORK, MONTANA, FLATHEAD AND LAKE COUNTIES	
CRABS Document Number:	LA 4 23015	Agency Document Number: STPP 52-1(18)27
Township:27 N	Range:20W	Section:36
MCKAY	KATHRYN L.	
5 / /2000	CULTURAL RESOURCE INVENTORY AND EVALUATION OF THE BIGFORK - NORTH AND SOUTH ROADWAY CONSTRUCTION PROJECT, BIGFORK, MONTANA, FLATHEAD AND LAKE COUNTIES	
CRABS Document Number:	LA 4 23015	Agency Document Number: STPP 52-1(18)27

Township:27 N Range:20W Section:36
CAYWOOD JANENE M., ET AL.

3 /11/1991 EVALUATION OF REGION 1 FOREST SERVICE-OWNED BUILDINGS FOR ELIGIBILITY TO THE NATIONAL REGISTER OF HISTORIC PLACES

CRABS Document Number: ZZ 1 13017 Agency Document Number:

Township:27 N Range:20W Section:36
CHURCH TIM

6 / /1988 REPORT ON CULTURAL RESOURCE MONITORING AT TWO SITES IN REGIONS ONE AND TWO, LAKE AND MISSOULA COUNTIES, MONTANA

CRABS Document Number: LA 6 12272 Agency Document Number: 00

Township:27 N Range:20W Section:36
CHOQUETTE WAYNE T.

5 /1/1981 PROPOSED P.P.L. PARK ON THE SWAN RIVER

CRABS Document Number: FH 6 3225 Agency Document Number:

Township:27 N Range:20W Section:36
DAVIS LESLIE B.

10 /18/1978 WAYFARER STATE PARK

CRABS Document Number: FH 6 3219 Agency Document Number:

Township:27 N Range:20W Section:36
SHARROCK FLOYD W.

10 /18/1978 ARCHAEOLOGICAL SURVEY, BIG FORK RANGER STATION

CRABS Document Number: FH 1 2919 Agency Document Number:

Township:27 N Range:20W Section:36
MCLEAN GARY A.

8 /26/1980 ARCHAEOLOGICAL TEST EXCAVATIONS: BIG FORK RANGER STATION

CRABS Document Number: FH 1 2939 Agency Document Number:

Site #	Twp	Rng	Sec	Qs	Site Type1	Site Type 2	Time Period	Owner	NR Status
24FH0942	26 N	20 W	1	NE	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24FH0943	26 N	20 W	1	NE	Historic Residence	Historic Building Foundation	Historic More Than One Decade	Private	Ineligible
24FH0944	26 N	20 W	1	SE	Historic Residence	Historic Fence	Historic More Than One Decade	Private	Ineligible
24FH0855	26 N	20 W	1		Lithic Material Concentration	Null	No Data	State Owned	undetermined
24FH0450	27 N	19 W	31	NE	Historic Irrigation System	Null	Historic More Than One Decade	Private	CD
24FH0972	27 N	19 W	31	NW	Historic Cairn/Land Marker	Null	Historic Period	Private	undetermined
24FH0673	27 N	19 W	32	SE	Historic Road/Trail	Historic Vehicular/Foot Bridge	Historic More Than One Decade	State Owned	NR Listed
24FH1037	27 N	19 W	32	SE	Historic Road/Trail	Null	Historic Period	MDOT	Ineligible
24FH1037	27 N	19 W	32	SE	Historic Road/Trail	Null	Historic Period	MDOT	Ineligible
24FH0938	27 N	20 W	25	NE	Historic Commercial Development	Historic Residence	Historic More Than One Decade	Private	Ineligible
24FH0939	27 N	20 W	25	NE	Historic Residence	Historic Log Structure	Historic More Than One Decade	Private	Ineligible
24FH0014	27 N	20 W	35	NE	Lithic Material Concentration	Firehearths or Roasting Pits, FCR	No Data	No Data	undetermined
24FH1224	27 N	20 W	35	NW	Historic Homestead/Farmstead	Null	1930-1939	State Owned	Ineligible
24FH0935	27 N	20 W	36	NE	Historic Vehicular/Foot Bridge	Null	Historic More Than One Decade	MDOT Other	undetermined
24FH0855	27 N	20 W	36	NW	Lithic Material Concentration	Null	No Data	State Owned	undetermined
24FH0427	27 N	20 W	36	NW	Historic Ranger Station	Null	Historic More Than One Decade	Forest Service	Ineligible
24FH0094	27 N	20 W	36	SE	Fishing Site	Null	No Indication of Time	Other	undetermined
24FH0421	27 N	20 W	36	SE	Historic Log Structure	Null	1890-1899	State Owned	Ineligible
24FH0941	27 N	20 W	36	SE	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24FH0940	27 N	20 W	36	SE	Historic Residence	Null	Historic More Than One Decade	Private	Ineligible
24FH0743	27 N	20 W	36	SE	Historic Vehicular/Foot Bridge	Null	Historic More Than One Decade	State Owned	NR Listed