# ECOSYSTEM PLAN UPPER MISSOURI, YELLOWSTONE, AND UPPER COLUMBIA RIVER

### **NOVEMBER 2000**

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### PURPOSE AND MISSION STATEMENT

The U.S. Fish and Wildlife Service (Service) has practiced an ecosystem approach to landscape and wildlife conservation from the first acquisition of Pelican Island National Wildlife Refuge to more recent efforts to protect endangered species. These efforts have been dedicated to the Service's mission: "to conserve, protect, and enhance the Nation's fish and wildlife and their habitats for the continuing benefit of the American people".

This document outlines a strategic plan of action for the Upper Missouri/Yellowstone/ Upper Columbia River (MOYOCO) ecosystem in accordance with Service ecosystem management policy. The plan establishes three geographic focus areas within the ecosystem, defines the Service's vision for each focus area, and sets specific goals and objectives. Timely accomplishment of the goals set forth in this plan are dependent upon both internal staff and financial resources, and the participation of partners. This plan also contains a decision matrix for the MOYOCO to provide guidance when opportunities to address natural resource issues arise within the ecosystem. The role of the MOYOCO Core Team is to lead the effort to accomplish the mission of the Service in the Upper Missouri, Yellowstone, and Upper Columbia watersheds.

This plan is a working document that will change over time as new information and technology becomes available or Service policy changes. At a minimum, the plan will be reviewed and revised as appropriate at least every five years.

### MOYOCO ECOSYSTEM VISION:

The vision of the Ecoteam is a MOYOCO ecosystem in which: 1) natural, healthy ecological processes dominate; 2) threatened, endangered, and endemic species are protected; 3) recreational opportunities are enjoyed in a way compatible with resource protection; 4) economic development complements environmental protection; 5) decisions are based on the best available scientific data; 6) all stakeholders are involved in a collaborative decision-making process; 7) actions are guided by adaptive, flexible management and monitoring; and 8) partnerships are the norm.

### ECOSYSTEM DESCRIPTION

The Upper Missouri/Yellowstone/Upper Columbia River ecosystem covers approximately 185,000 mi² in the northwestern interior of the U.S., encompassing Montana, northern Wyoming, and a small section of western North Dakota. The ecosystem lies within the Rocky Mountain and Great Plains physiographic provinces. The MOYOCO contains some of the wildest and most unpopulated country in the lower-48, including such significant protected areas as Yellowstone and Glacier National Parks, the Charles M. Russell NWR, the Bob

Marshall Wilderness, and the Upper Missouri River. Wildlife is abundant and diverse. Threatened and endangered species such as the grizzly bear, gray wolf, black-footed ferret, bull trout, pallid sturgeon, bald eagle, piping plover, least tern, and water howellia are actively protected and managed within the MOYOCO. Sitting astride the continental divide, the MOYOCO gives rise to both the Columbia and Missouri Rivers.

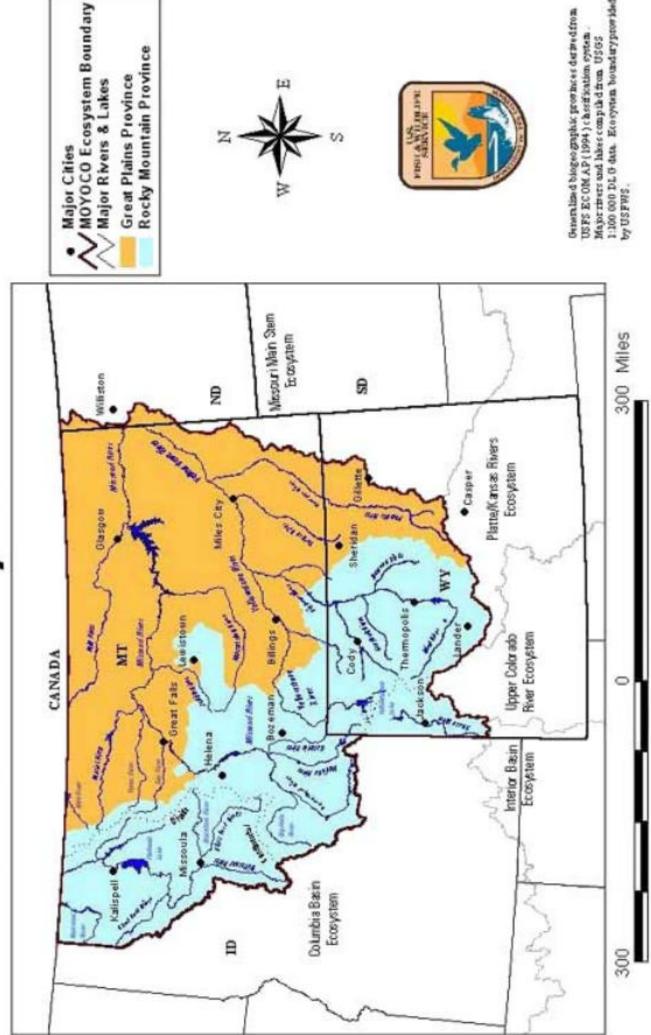
The diversity of the ecosystem extends also to its human population. The economy is based on agriculture and natural resource extraction. Tourism, drawn to the spectacular beauty of the landscape and the wealth of recreational opportunities, is a growing and important sector of the regional economy. Human pressures however are stressing an already fragile system. Habitat fragmentation, loss of native species, overgrazing, urban sprawl, loss of natural stream functions, and invasive species are some of the important threats faced within the MOYOCO.

As the name implies, the Upper Missouri/Yellowstone/Upper Columbia ecosystem includes the Upper Missouri, Yellowstone, and Upper Columbia River basins. To the east of the continental divide, the "MOYO" portion of the ecosystem encompasses the Upper Missouri and Yellowstone river drainages from their headwaters in the high mountains of western Montana and Wyoming to their confluence in western North Dakota. To the west of the continental divide in western Montana and northwestern Wyoming, the "CO" portion of the ecosystem encompasses the Upper Columbia river drainage from mountain headwaters to the border with Idaho. It should be noted that, in strict hydrologic terms, the Upper Columbia river lies within the Columbia Basin ecosystem administered by FWS Region 1. For a variety of political and practical reasons, however, the portion of the Upper Columbia basin falling within Montana has been included in the MOYOCO ecosystem as well. The MOYOCO and Columbia Basin Teams are working collaboratively to address issues in western Montana.

The MOYOCO ecosystem is bounded on the north by the Canadian provinces of British Columbia, Alberta, and Saskatchewan; on the east by North Dakota; on the south by southern Wyoming and Idaho; and on the west by Idaho. The MOYOCO ecosystem is the seventh largest in the Service (out of 53) with a total area of 117,951,188 acres or 184,302 mi<sup>2</sup>.

Included within the ecosystem's boundaries are parts of two of North America's major physiographic provinces: the *Rocky Mountains* and the *Great Plains*.

# **MOYOCO Ecosystem**



Major rivers and histor compiled from USGS 1:100 000 DL G data. Ecosystem boundary provided by USFWS.

### **GEOGRAPHIC FOCUS AREAS**

### **MOUNTAINS**

Vision: Mountain habitats will be characterized by: valleys in which important habitat is protected, road systems that do not intrude on the productivity of the landscape, timber harvesting that provides for the needs of wildlife, important habitat that remains connected through protected linkages, fragile watersheds are protected, crucial seasonal ranges are protected, invasive species impacts are minimal, and recreation that is compatible with the protection of indigenous species.

### **Resource Description:**

The Rocky Mountains extend in a belt about 200 mi. wide from the Canadian border south to the Wyoming border and beyond. They cover the western third of Montana and divide Wyoming from northwest to southeast. In several places east of this line isolated groups of low mountains rise above the general level of the plains.

Montana's Northern Rocky Mountain subdivision varies topographically. The majority of this region is classified as open mountains, a globally distinctive and very rare setting with high, detached mountain ranges separated by broad, smooth-floored valleys. These valleys range from about 3,000 to 5,000 ft. above sea level and are ringed by mountains that rise to elevations of 8,000 to 10,000 ft. Important valleys in this region include the Flathead/Mission, Bitterroot, Blackfoot, Deer Lodge, Helena, Beaverhead, Big Hole, Madison, and Gallatin. The surrounding highlands include the Beaverhead Mountains, Mission Range, Tobacco Root Mountains, Bridger Range, Big Belt Mountains, and Crazy Mountains.

The two prongs of Montana's Columbia Rockies, which include the highlands along the Montana-Idaho border from the Bitterroot Valley northward, and east of Flathead Lake, Glacier National Park, and the adjacent highlands on the south, contain classic mountain landscape. Here, individual ranges are closely spaced with narrow and restricted valleys. The Cabinet Mountains, Purcell Mountains, Whitefish, and Flathead ranges and the Lewis and Swan ranges are some of the landmark highlands within this rugged section of Montana's Northern Rockies. Interestingly, this mountain-dominated region claims the state's lowest elevation of 1,800 ft. above sea level, where the Kootenai River flows into Idaho.

The small section of the Middle Rocky Mountains in Montana consists of the high and rugged Absaroka and Beartooth ranges north of Yellowstone National Park and the Bighorn and Pryor Mountains to the east. Within this subdivision is Montana's highest

elevation, 12,799 ft., at Granite Peak.

In Wyoming, the Middle Rocky Mountains occupy the northwestern quarter of the state and include the Bighorn, Owl Creek, Gros Ventre, Wind River, Absaroka, and Teton ranges. The highest point in this region is Gannett Peak, in the Wind River Range. The Tetons are some of the most precipitous mountains on the North American continent, rising abruptly along a 40 mi. front near Wyoming's western border, with many peaks rising above 10,000 ft. The highest is the Grand Teton, rising 13,771 ft. In the northwestern corner of the state is world-famous Yellowstone National Park, a volcanic area containing about 3,000 hot springs and geysers and cut deeply by the Grand Canyon of the Yellowstone River. East of the park lies the sheltered, mountain-ringed Bighorn Basin.

The Wyoming Basins, in central Wyoming, comprise a high arid plateau ringed by mountains, except on the northeast, where the region opens out on the Great Plains through a broad gap between the Southern and Middle Rocky Mountains. The basins together cover a somewhat larger area of the state than the Great Plains. General elevations range from 6,000 to 7,500 ft. The region is actually a series of basins broken up by low ridges and deep canyons carved by millions of years of erosion. The basins are drained northward by the Bighorn River, eastward by the North Platte River, and southward by the Green River.

The Continental Divide passes through the Wyoming Basins, but it splits west of Rawlins. The two arms of the Divide come together again near the Wind River Mountains, forming the Great Divide Basin. Water in the Great Divide Basin flows to a series of salt flats and ponds in an area known as the Chain-of-Lakes, not to the Atlantic or Pacific oceans. The Continental Divide is essentially treeless in this area, dominated by native shrubs such as sagebrush, greasewood, and saltbush. North America's largest area of active sand dunes occurs in the region, extending in a linear pattern from northeast of Rock Springs across the Great Divide Basin to south of the Ferris Mountains north of Rawlins.

Mountains Goal 1: Work with agencies and partners to prevent or reduce the impacts of human-caused activities on endemic species from roads, timber harvesting, grazing, mining, the spread of invasive species, and recreation.

### Objectives:

Create management linkage with other agencies and partners.

Use existing opportunities with partners to protect and enhance at least 2500 surface acres of wetlands, 30 miles of riparian habitat, and 13,000 acres of uplands on non-Federal lands (70% in MT, 30% in WY) by 2015.

# Mountains Goal 2: Identify the fragile mountain watersheds in which the Service has a trust responsibility.

### Objectives:

Identify fragile watersheds by 2001. Develop one watershed plan by 2002.

# Mountains Goal 3: Restore, enhance and protect the integrity of lakes and montane wetlands.

### Objectives:

Promote completion of National Wetland Inventory mapping and digitization in the ecosystem by 2003.

Develop a strategy for prioritizing protection efforts within a year after mapping.

Protect and/or restore 14,500 acres of wetlands and adjacent uplands by 2010 (90% in MT, 10% in WY).

# Mountains Goal 4: Work with agencies and partners to reduce habitat fragmentation. Protect, restore, and enhance habitat connectivity between large blocks of wildlife habitat.

### Objectives:

Identify and prioritize those areas with significant connectivity problems.

Identify the top three areas suffering from poor habitat connectivity and develop strategies to link these areas and prevent further fragmentation.

Working with partners, protect 500,000 acres of land identified as being critical to maintaining connectivity between large blocks of habitat by 2010 (90% in MT, 10% in WY).

Work with the Realty program to develop a strategy to protect foothills and river corridors in the mountainous areas of Wyoming.

# Mountains Goal 5: Conserve and recover threatened and endangered species and species of special concern in mountain areas.

### Objectives:

Implement conservation strategies and recovery plan actions.

Analyze data to identify highest leverage/overlap areas to focus recovery efforts (i.e.

GAP) by 2003.

# Mountain Goal 6: Support recreational activities compatible with Service goals in mountains.

### Objective:

Use the consultation process to encourage recreational activities on Service lands that are compatible with trust responsibilities and discourage incompatible recreational activities.

### **PRAIRIES**

Vision: Healthy native prairie ecosystems that provide an abundance and diversity of indigenous flora and fauna.

### **Resource Description**

Within the MOYOCO ecosystem, the eastern two-thirds of Montana, western North Dakota, and eastern Wyoming are characterized by the Great Plains province. In Montana, the region east of the continental divide is known as the Missouri Plateau. It is divided into two segments, the glaciated northern section and the unglaciated section to the south. Both sections are predominantly short grass prairie that are flat to gently rolling. Generally the north one third has areas of prairie potholes and lakes while the unglaciated south is somewhat drier and flatter. The general elevation of the Great Plains decreases from about 4,000 ft. in the mountain foothills in the west to about 2,000 ft. in western North Dakota. Rising above the plains surface are several prominent Rocky Mountain outliers, the Sweetgrass Hills, the Bear Paw Mountains, the Little Rockies, the Highwood Mountains, the Judith Mountains, and the Little Snowy and Big Snowy mountains. Similarly in Wyoming, the Great Plains grasslands characterize most of the eastern third of the state in a strip that broadens from south to north. It is an upland plateau, generally undulating, and in places broken by rough topography, low hills, and isolated buttes. In both states, Great Plains grasslands include areas of short-grass prairie, mixed-grass prairie, and grasslands with a substantial sagebrush component.

Over thousands of years, most of the streams and rivers in this region have cut valleys below the level of the plains. Along the Upper Missouri River and in the southeastern section, an irregular "badland" topography has been created by water and wind erosion.

Prairies Goal 1: Prevent degradation of native prairie grassland and the conversion to cropland.

Objectives:

Work with partners to increase the protection of grassland by easement on 500,000 acres by 2010 (90% in MT, 10% in WY).

Develop a grassland restoration and enhancement program to address grassland conservation south and east of the Yellowstone River within the MOYOCO.

Strengthen the grassland conservation provisions of the 2002 Farm Bill.

Develop Preliminary Project Proposals (PPPs) to pursue LWCF/CARA funding for a Montana grassland easement program by 2002.

Work with partners to identify contaminants entering native prairie by 2003. Develop a plan to address contaminants issues.

# Prairies Goal 2: Establish and maintain a network of large blocks of native and planted grasslands on public and private lands.

### Objectives:

Promote and implement habitat techniques such as prescribed burning and managed grazing on a minimum of 10% of private lands to enhance and manage healthy native prairie.

By 2010, develop partnerships to reduce the extent, and curtail the impact of invasive species in native prairie.

Manage Service lands to achieve objectives developed in specific management plans per Service policy.

By 2002, identify and implement actions to protect key landscape corridors linking blocks of priority native prairie habitat.

By 2002 identify the key areas in the ecosystem to restore perennial grasslands, maintain, and/or increase planted grasslands with an emphasis on native species restoration.

# Prairies Goal 3: Protect, conserve, restore and enhance endemic species and species of special concern.

### Objectives:

By 2001, identify, and by 2010, conserve the most biologically significant landscape to meet the needs of black-footed ferrets, prairie dogs, mountain plover, Yellowstone

cutthroat trout, and other species of special concern.

By 2001, identify species that are declining and the reasons for the decline. By 2002 incorporate this information into GIS for analysis. Create and maintain the list of declining species on a continuing basis. For example: protect and enhance sagebrush habitats to forestall the decline of sage sparrows.

Develop management actions for species not covered at the landscape level.

Develop state-wide partnerships to involve people in species and grassland conservation.

Protect and enhance sagebrush habitats to forestall the decline of indigenous species such as sage sparrows, sage thrashers, and other migratory passerine species and cooperate with other agencies and interests in preventing the sage grouse from becoming listed as a threatened or endangered species.

Restore and create wetland basins for wetland related species.

Support and promote established recovery plans.

# Prairies Goal 4: Support recreational activities on native prairie that are compatible with the Service's trust responsibilities.

### Objectives:

Address recreational activities on public lands through the consultation process to ensure compatibility with Service trust responsibilities.

Use education and outreach to raise the public's awareness of the impacts of certain recreational activities on private grasslands.

### RIVERS

Vision: River and stream systems that function in a natural state and provide for a diversity of flora and fauna.

### **Resource Description**

Within the MOYOCO ecosystem in Montana, the two main river systems are the Missouri River and its tributaries, which flow east to the Mississippi River, and tributaries of the Columbia River, which flow west into the Pacific Ocean.

Trending southward across the western part of Montana, the Continental Divide separates the state's two major watersheds. West of this continental backbone are the Clark Fork and the Kootenai River, important tributaries of the Columbia River. The Clark Fork has as its primary tributaries the Flathead, Blackfoot, and Bitterroot rivers. The Kootenai River rises in Canada and crosses a small area in northwestern Montana.

The Missouri and its major tributary, the Yellowstone River, are the principal rivers in eastern Montana. The Missouri begins at the confluence of the Gallatin, Madison, and Jefferson rivers, near the town of Three Forks. Other tributaries below Three Forks include the Sun, Teton, Marias, Smith, Judith, Musselshell, and Milk rivers. The Yellowstone rises south of Yellowstone National Park in Wyoming, flows north into Montana and diagonally across the southeastern part of the state before joining the Missouri in North Dakota just east of the Montana state line. Main tributaries are the Clarks Fork of the Yellowstone, the Bighorn, the Tongue, and the Powder rivers, all of which also originate in Wyoming.

A tiny area of northwestern Montana is drained by the Belly, Saint Mary, and Waterton Rivers, which, rising in Glacier National Park, flow northeast out of the state and into the Saskatchewan River in Canada. Their waters eventually reach Hudson Bay. Hydrologically, this area lies outside the MOYOCO proper, but for practical reasons is considered a part of the ecosystem.

The area covered by the MOYOCO ecosystem in Wyoming is the source of water for three main drainage systems in the western United States: the Missouri-Mississippi; the Great Basin; and the Columbia. Rivers joining the Missouri include the Yellowstone, Bighorn, Powder, Wind, and Belle Fourche rivers, which flow north. Northwestern Wyoming is drained by the Snake River, a major tributary of the Columbia.

The MOYOCO has numerous lakes and reservoirs. In Montana, most of the natural lakes are in the mountains of the western third of the state. Flathead Lake, with an area of 191 mi², is Montana's largest lake, and the largest natural freshwater lake in the contiguous states west of the Mississippi River. In Wyoming, the largest natural lake and probably the largest at its altitude (7,733 ft.) anywhere in the United States is Yellowstone Lake, which covers an area of 131 mi² and has a maximum depth of 320 ft. Just to the south lies the second largest lake in Wyoming, Jackson Lake, with an area of about 40 mi². Jackson Lake has been enlarged by a dam on the Snake River. Some of Wyoming's reservoirs are of impressive size and include the Pathfinder, Seminoe, Glendo, and Boysen reservoirs.

Rivers Goal 1: Maintain, and re-establish where needed the natural form and function of riverine systems and prevent degradation of riverine habitat.

### Objectives:

Work with the partners to achieve water quality standards that are ecologically beneficial.

By 2001, initiate work with local zoning authorities and regulators to develop and implement policies that reduce floodplain development and restore river functions.

Increase functional riverine habitat through restorations, creations, and modification/enhancement where opportunities allow. Attempt 12 projects per year, six in Montana and six in Wyoming, beginning in 2000.

Work with partners to monitor environmental contaminants, identify issues and problem areas, and develop strategies for rehabilitation.

Identify and eliminate fish migration barriers and minimize entrainment losses.

Maintain and restore natural ecological conditions through the prevention and eradication of invasive species.

# Rivers Goal 2: Conserve and recover threatened, endangered, proposed, and species of special concern in riverine and impounded reaches.

### Objectives:

Implement recovery efforts for threatened, endangered, proposed, and sensitive fish species. Work towards achieving recovery plan objectives within the ecosystem

Develop recovery actions or conservation plans for native and imperiled riverine species.

Establish priority and complete status reviews for species of special concern, initiating one species per year beginning in 2001.

Maintain and improve inventory data with partners for endangered, threatened, proposed, and species of special concern in the ecosystem by 2001 to provide baseline information.

# Rivers Goal 3: Fulfill responsibilities for protection, mitigation, and enhancement of fishery and wildlife resources brought about by the construction and operation of dams.

### Objective:

Support conservation efforts for native species through fish culture, management, and

conservation within the ecosystem

### Rivers Goal 4: Maintain, restore, and enhance riparian communities.

### Objectives:

Inventory and determine the quality of riparian habitats within the ecosystem to provide preliminary baseline information. Support and use FWS National Wetland Inventory riparian mapping system to conduct habitat assessments.

Use existing programs and opportunities to restore and enhance river buffer zones on ten percent of the 100-year flood plain on selected river systems by 2010.

Use existing programs and opportunities to restore and enhance 1,500 acres of oxbow wetlands by 2010 (50% MT, 50% WY).

Support State and Tribal efforts to monitor water quality and biotic communities to promote compliance with Federal water quality standards.

Protect and restore vegetative communities on riverine systems.

# Rivers Goal 5: Conserve, restore, and enhance habitat in watersheds to improve the quality and quantity of water in rivers and streams.

### Objectives:

Use existing oversight, coordination, and technical assistance to promote sound watershed management. Prioritize watersheds and establish strategies for promoting watershed management.

Use existing programs and opportunities to conserve, enhance, and restore upland, wetland, and riparian habitat in riverine corridors to improve runoff quality and quantity.

# Rivers Goal 6: Support educational and recreational activities in riverine systems that are compatible with resource protection and the Service's trust responsibilities.

### Objective:

Address recreational activities on public lands through the consultation process to ensure compatibility with Service trust responsibilities.

Use education and outreach to raise the public's awareness of the impacts of certain recreational activities in riverine environments.

### OUTREACH AND EDUCATION FOR ENTIRE ECOSYSTEM AREA

Vision: Improve public knowledge of native species and their habitats and the Service's mission related to those species.

### Goal 1: Develop an outreach plan for the Service in the MOYOCO Ecosystem.

### Objectives:

Establish an Outreach Subcommittee of the MOYOCO Ecoteam to develop a plan focusing on cross-cutting issues. Initiate work by 2002.

### FWS Field Stations within the MOYOCO Ecosystem

### National Wildlife Refuges

Benton Lake Project Leader 922 Bootlegger Trail Great Falls, MT 59404-6133 (406) 727-7400 O

(406) 727-7432 fax R6RW\_BNL

Bowdoin

Refuge Manager HC 65, Box 5700 Malta, MT 59538 (406) 654-2863 O (406) 654-2866 fax R6RW BWD

Charles M. Russell Project Leader P.O. Box 110 Lewistown, MT 59457 (406) 538-8706 O (406) 538-7521 fax R6RW\_CMR

Lee Metcalf Project Leader P.O. Box 247 Stevensville, MT 59870 (406) 777-5552 O (406) 777-4344 fax R6RW LMC

Lost Trail Asst. Refuge Manager 6900A Pleasant Valley Road Marion, MT 59925 (406) 858-2216 O (406)858-2218 fax Medicine Lake Project Leader 223 North Shore Road Medicine Lake, MT 59247-9600 (406) 789-2305 O (406) 789-2350 fax R6RW\_MDL

National Bison Range Project Leader 132 Bison Range Road Moiese, MT 59824 (406) 644-2211 O (406) 664-2661 fax R6RW\_NBR

Red Rock Lakes Project Leader Monida Star Route, Box 15 Lima, MT 59739 (406) 276-3536 O (406) 276-3538 R6RW RRL

National Elk Refuge Project Leader P.O. Box 510 Jackson, WY 83001-0510 (307) 733-9212 O (307) 733-9729 fax R6RW\_NER

### National Fish Hatcheries and Fisheries Offices

Bozeman Fish Health Center Project Leader 920 Technology Boulevard, Suite G Bozeman, MT 59718 (406) 582-8656 O (406) 587-3998 fax R6FFA\_FHC

Bozeman Fish Technology Center Center Director 4050 Bridger Canyon Road Bozeman, MT 59715-8713 (406) 587-9265 O (406) 586-5942 fax R6FFA\_BOZ

Creston Fish and Wildlife Center Acting Hatchery Manager 780 Creston Hatchery Road Kalispell, MT 59901 (406) 758-6868 O (406) 758-6877 fax R6FFA\_CRE Ennis National Fish Hatchery Project Leader 180 Fish Hatchery Road Ennis, MT 59729 (406) 682-4847 O (406) 682-7635 fax R6FFA\_ENN

Jackson National Fish Hatchery Project Leader 1500 Fish Hatchery Road Jackson, WY 83001 (307) 733-2510 O (307) 733-8616 fax R6FFA\_JAC

Saratoga National Fish Hatchery Project Leader P.O. Box 665 Saratoga, WY 82331 (307) 326-5662 O (307) 326-9869 fax R6FFA\_SAR

### **Ecological Services Offices**

Helena ES Office Field Supervisor 100 North Park, Suite 320 Helena, MT 59601 (406) 449-5225 O (406) 449-5339 fax R6FWE\_HEL

Billings ES Suboffice Wildlife Biologist 2900 4th Avenue N., Room 301 Billings, MT 59101-1228 (406) 247-7366 O (406) 247-7364 R6FWE\_BIL

Grizzly Bear Recovery Office Grizzly Bear Coordinator University Hall, Room 309 University of Montana Missoula, MT 59812 (406) 243-4903 O (406) 329-3212 fax R6FWE MIS

Kalispell ES Suboffice Senior Fish and Wildlife Biologist Creston Fish and Wildlife Center 780 Creston Hatchery Road Kalispell, MT 59901 (406) 758-6883 O (406) 758-6877 fax R6FFA\_CRE Cheyenne ES Office Field Supervisor 4000 Airport Parkway Cheyenne, WY 82001 (307) 772-2374 O (307) 772-2358 fax R6FWE\_CHE

Cody ES Office Fish & Wildlife Biologist c/o BLM Office P.O. Box 518 Cody, WY 82414 (307) 587-2216 O (307) 527-7116 fax R6FWE\_CHE

National Black-Footed Ferret Conservation Center (NBFFCC) 410 E. Grand Avenue, Suite 315 Laramie, WY 82073 (307) 721-8805 O (307) 742-4226 fax R6FWE\_LAR

### <u>Law Enforcement Offices</u>

Billings Office Senior Resident Agent P.O. Box 30396 2900 4th Avenue North, Room 300 Billings, MT 59107 (406) 247-7355 O (406) 247-7357 fax R6LE\_Billings

Bozeman Office Special Agent Martel Professional Center 220 W. Lamme, Suite 1C Bozeman, MT 59715 (406) 582-0336 O (406) 582-0343 fax

Great Falls Office Special Agent P.O. Box 3172 3rd Street South, Room 207 Great Falls, MT 59402-3172 (406) 453-5790 O (406) 453-3657 fax

Missoula Office Special Agent P.O. Box 7488 Federal Building 200 E. Broadway, Room 136 Missoula, MT 59807-7488 (406) 329-3000 O (406) 329-3151 fax Casper Office Senior Resident Agent P.O. Box 113 100 East B. Street Federal Building, Room 4130 Casper, WY 82602 (307) 261-6365 O (307) 261-6366 fax R6LE\_Casper

Cody Office Special Agent P.O. Box 516 514 Date Street, #3 Cody, WY 82414-9998 (307) 527-7604 O (307) 527-6624 fax

Lander Office Special Agent P.O. Box 570 190 N. 1<sup>st</sup> Street Lander, WY 82520 (307) 332-7607 O (307) 332-6920 fax

### Management Assistance Offices

Montana Fish and Wildlife Management Assistance Office Project Leader 4052 Bridger Canyon Road Bozeman, MT 59715 (406) 585-9010 O (406) 586-6798 fax R6FFA MON Lander Fish and Wildlife Management Assistance Office Project Leader 170 North First Street Lander, WY 82520 (307) 332-2159 O (307) 332-9857 fax R6FFA LAN

### Partners for Fish and Wildlife Offices

Montana Wildlife Habitat Office State Coordinator Benton Lake NWR 922 Bootlegger Trail Great Falls, MT 59404-6133 (406) 727-7400 x-24 O (406) 727-7432 fax R6RW\_BNL

Partners for Fish & Wildlife Private Lands Biologist Creston Fish and Wildlife Center 780 Creston Hatchery Road Kalispell, MT 59901 (406) 758-6880 O (406) 758-6877 fax R6FFA CRE Wyoming Wildlife Habitat Office State Coordinator Lander Fish and Wildlife Management Assistance Office 170 North First Street Lander, WY 82520 (307) 332-8719 O (307) 332-9857 fax R6FFA\_LAN

### Realty Offices

Montana Realty Office State Coordinator Benton Lake NWR 922 Bootlegger Trail Great Falls, MT 59404-6133 (406) 727-7400 x-25 O (406) 727-7432 fax R6RW\_BNL

### Miscellaneous

Missouri River Coordinator ND Wetland Habitat Office 3425 Miriam Avenue Bismarck, ND 58501 (701) 250-4418 O (701) 250-4412 fax R6RW\_BIS

### Appendix A. Potential Stakeholders and Partners

### Federal Agencies

### Department of Interior

### Bureau of Indian Affairs (BIA)

- ! Billings Area Office, Area Director, Billings, MT
- ! Blackfeet Agency, Superintendent, Browning, MT
- ! Crow Agency, Superintendent, Crow Agency, MT
- ! Flathead Agency, Superintendent, Pablo, MT
- ! Ft. Belknap Agency, Superintendent, Harlem, MT
- ! Ft. Peck Agency, Superintendent, Poplar, MT
- ! Northern Cheyenne Agency, Superintendent, Lame Deer, MT
- ! Rocky Boy's Field Office, Field Representative, Box Elder, MT
- ! Wind River Agency, Superintendent, Ft. Washakie, WY

### Bureau of Land Management (BLM)

- ! Montana/Dakotas State Office, State Director, Billings, MT
- ! 7 Montana Field Offices in Billings, Butte, Dillon, Lewistown, Malta, Miles City, and Missoula, MT
- ! Wyoming State Office, State Director, Cheyenne, WY
- ! 10 Wyoming Field Offices in Buffalo, Casper, Cody, Kemmerer, Lander, Newcastle, Pinedale, Rawlins, Rock Springs, and Worland, WY
- ! Idaho State Office, State Director, Boise, ID
- ! North Dakota Field Office, ND

### Bureau of Reclamation (BOR)

- ! Great Plains Region, Regional Director, Billings, MT
- ! Pacific Northwest Region, Regional Director, Boise, ID
- ! Upper Colorado Region, Regional Director, Salt Lake City, UT
- ! Montana Area Office, Water Resources Services, Billings, MT

### National Park Service (NPS)

- ! Intermountain Region, Regional Director
- ! Pacific West Region, Regional Director
- ! Bear Paw Battleground, Superintendent, Chinook, MT
- Big Hole NB, Superintendent, Wisdom, MT
- ! Bighorn Canyon NRA, Superintendent, Ft. Smith, MT
- ! Glacier NP, Superintendent, West Glacier, MT
- ! Grant-Kohrs Ranch NHS, Superintendent, Deer Lodge, MT
- ! Little Bighorn Battlefield NM, Superintendent, Crow Agency, MT
- ! Grand Teton NP, Superintendent, Moose, WY
- ! Yellowstone NP, Superintendent, Yellowstone, WY

### Office of Surface Mining (OSM)

- ! Western Regional Coordinating Center, Regional Director, Denver, CO
- ! Montana State Regulatory Authority, Administrator, Helena, MT
- ! Wyoming State Regulatory Authority, Director, Cheyenne, WY

### U.S. Geological Survey (USGS)

- ! Western Region, Regional Director, Seattle, WA
- ! Biological Resource Division, Chief Biologist, Seattle, WA
- ! Montana Cooperative Fishery Research Unit, Unit Leader, Bozeman, MT
- ! Montana Cooperative Wildlife Research Unit, Unit Leader, Missoula, MT
- ! Wyoming Cooperative Fishery and Wildlife Research Unit, Unit Leader, Laramie, WY
- ! Wildlife Spatial Analysis Lab (GAP), Lab Director, Missoula, MT
- ! Montana State Office, State Representative, Helena, MT
- ! Wyoming State Office, State Representative, Cheyenne, WY
- ! Northern Prairie Wildlife Research Center, Director, Jamestown, ND
- ! Midcontinent Ecological Service Center, Ft. Collins, CO
- ! Northern Rocky Mountain Science Center, Director, Bozeman, MT
- ! Patuxent Wildlife Research Center, Director, Laurel, MD

### Environmental Protection Agency (EPA)

- ! Region 8, Regional Director, Denver, CO
- ! Montana Operations Office, Director, Helena, MT

### Department of Agriculture

### Animal and Plant Health Inspection Service (APHIS)

- ! Western Region, Regional Director, Wildlife Services, Lakewood, CO
- ! Montana State Office, Director, Wildlife Services, Billings
- ! Wyoming State Office, Director, Wildlife Services, Casper, WY

### Farm Service Agency (FSA)

- ! Montana State Office, Executive Director, Bozeman, MT
- ! Wyoming State Office, Executive Director, Casper, WY
- ! Numerous County Offices

### Forest Service (USFS)

- ! Northern Region, Regional Forester, R1, Missoula, MT
- ! Beaverhead National Forest, Forest Supervisor, Dillon, MT
- ! Bitterroot National Forest, Forest Supervisor, Hamilton, MT
- ! Custer National Forest, Forest Supervisor, Billings, MT
- ! Deerlodge National Forest, Forest Supervisor, Dillon, MT
- ! Flathead National Forest, Forest Supervisor, Kalispell, MT
- ! Gallatin National Forest, Forest Supervisor, Bozeman, MT
- ! Helena National Forest, Forest Supervisor, Helena, MT
- ! Kootenai National Forest, Forest Supervisor, Libby, MT
- ! Lewis and Clark National Forest, Forest Supervisor, Great Falls, MT

- ! Lolo National Forest, Forest Supervisor, Missoula, MT
- ! Rocky Mountain Region, Regional Forester, R2, Lakewood, CO
- ! Bighorn National Forest, Forest Supervisor, Sheridan, WY
- ! Bridger-Teton National Forest, Forest Supervisor, Jackson, WY
- ! Medicine Bow-Routt National Forest, Forest Supervisor, Laramie, WY
- ! Thunder Basin National Grassland, Forest Supervisor, Laramie, WY
- ! Shoshone National Forest, Forest Supervisor, Cody, WY

### Natural Resources Conservation Service (NRCS)

- ! Northern Plains Region, Regional Conservationist, Lincoln, NE
- ! Montana State Office, State Conservationist, Bozeman, MT
- ! Wyoming State Office, State Conservationist, Casper, WY
- ! Numerous Field Offices
- ! 17 Natural Resource Teams

### Department of Defense

- ! Army Corps of Engineers, Northwestern Division, Commander/Division Engineer, Portland, OR
- ! Army Corps of Engineers, Omaha District, Commander, Omaha, NE
- ! Army Corps of Engineers, Montana Field Office, Helena, MT
- ! Army Corps of Engineers, Wyoming Field Office, Cheyenne, WY

### Department of Energy

- ! Bonneville Power Administration, Chief Executive Officer, Portland, OR
- ! Western Area Power Administration, Upper Great Plains Region, Regional Manager, Billings, MT

### **Tribal Governments**

- ! Assiniboine and Sioux Tribes, Chairman, Poplar, MT
- Blackfeet Tribe, Chairman, Browning, MT
- ! Chippewa-Cree Tribe, Chairman, Box Elder, MT
- ! Crow Tribe, Chairman, Crow Agency, MT
- ! Gros Ventre and Assiniboine Tribes, Chairman, Harlem, MT
- ! Northern Arapaho Tribe, Chairman, Ft. Washakie, WY
- ! Northern Cheyenne Tribe, President, Lame Deer, MT
- ! Confederated Salish and Kootenai Tribes, Chairman, Pablo, MT
- ! Shoshone Tribe, Chairman, Washakie, WY
- ! Intertribal Prairie Dog Consortium
- ! Montana/Wyoming Tribal Fish and Game Commission

### **State Agencies**

### Montana

! State of Montana, Governor, Helena

- ! Montana Bureau of Mines and Geology, State Geologist, Butte
- Montana Department of Agriculture, Director, Helena
- ! Montana Department of Commerce, Director, Helena
- Montana Department of Environmental Quality, Director, Helena
- Montana Department of Fish, Wildlife, and Parks, Director, Helena
- ! Montana Fish, Wildlife, and Parks Commission, Chairman, Great Falls
- Montana Department of Livestock, Director, Helena
- ! Montana Department of Natural Resources and Conservation, Director, Helena
- ! Montana Department of Transportation, Director, Helena
- ! Montana Reserved Water Rights Compact Commission, Chairman, Helena
- ! Montana State Library, Natural Resource Information System, Director,
- ! Montana State University, President, Bozeman
- ! University of Montana, President, Missoula

### Wyoming

- ! State of Wyoming, Governor, Cheyenne
- ! Wyoming Department of Agriculture, Director, Cheyenne
- ! Wyoming Department of Commerce, Director, Cheyenne
- ! Wyoming Department of Environmental Quality, Director, Cheyenne
- ! Wyoming Game and Fish Department, Director, Cheyenne
- ! Wyoming Game and Fish Commission, President, Cheyenne
- ! Wyoming Department of State Parks and Cultural Resources, Director, Cheyenne
- ! Wyoming Natural Diversity Database, Laramie
- ! Wyoming Office of Federal Land Policy, Director, Cheyenne
- ! Wyoming Office of State Lands and Investments, Director, Cheyenne
- ! Wyoming Oil and Gas Conservation Commission, Director, Casper
- ! Wyoming State Engineer, Cheyenne
- ! Wyoming State Forestry Department, Director, Cheyenne
- ! Wyoming Water Development Commission, Director, Cheyenne

### Idaho

- State of Idaho, Governor, Boise
- ! Idaho Department of Fish and Game, Director, Boise
- ! Idaho Fish and Game Commission, 7 Commissioners
- ! Idaho Department of Lands, State Forester, Boise
- ! Idaho Department of Parks and Recreation, Chairman, Kimberly
- ! Idaho Department of Water Resources, Director, Boise
- ! Idaho Division of Environmental Quality, Director, Boise
- ! Idaho Geological Survey, University of Idaho, Moscow
- ! Idaho Rangeland Resource Commission, Chairwoman, Weiser

### North Dakota

- ! State of North Dakota, Governor, Bismarck
- ! North Dakota Game and Fish Department, Director, Bismarck
- ! North Dakota Geological Survey, State Geologist, Bismarck
- ! North Dakota State Land Department, Bismarck

- ! North Dakota Parks and Recreation Department, Coordinator, Bismarck
- ! North Dakota State Forest Service, State Forester, Bottineau
- ! North Dakota State Water Commission, State Engineer, Bismarck

### **Local Government**

- ! Conservation District Boards
- ! County Commissioners
- ! County Extension Agents
- ! Citizens Groups

### **Conservation Organizations**

- ! American Fisheries Society MT, ID, ND, and WY Chapters
- American Rivers
- ! Audubon Society
- ! Boone and Crockett Club
- ! Defenders of Wildlife
- ! Ducks Unlimited
- ! Fish and Wildlife Foundation
- ! Greater Yellowstone Coalition
- ! Intertribal Bison Cooperative
- Montana Environmental Education Association
- ! Montana Interagency GIS Technical Working Group
- ! Montana Land Reliance
- Montana Riparian Association
- ! Montana Stockgrowers Association
- Montana Watershed Coordination Council
- Montana Wetland Council
- Montana Wilderness Association
- Montana Wildlife Federation
- ! Montana Woolgrowers Association
- National Wildlife Federation
- ! Native Action
- ! Native American Fish and Wildlife Society
- Natural Heritage Programs MT, ND, and WY
- ! Northern Plains Resource Council
- Pheasants Forever
- ! Pope and Young Club
- ! Powder River Resources Council
- Rocky Mountain Elk Foundation
- Safari Club International
- ! Sierra Club
- ! The Nature Conservancy
- ! The Wilderness Society
- ! The Wildlife Society MT, ID, ND, and WY Chapters
- ! Trout Unlimited Montana State Council

- ! Walleyes Unlimited
- ! Wyoming Outdoor Council
- ! Yellowstone River Forum

### Private Sector

- ! Montana Power Company
- ! Montana RailLink
- ! PP&L Power, MT
- ! Plum Creek Timber Company
- ! Washington Corporation
- ! Burlington Northern Santa Fe Railroad
- ! Interested Citizens and Landowners

### Appendix B. MOYOCO Ecosystem Decision Matrix

### Criteria

### 1) Threatened and endangered species. 15 Points Maximum

The intent of this criteria is to give more weight to proposals demonstrating a direct benefit to the greatest number of imperiled species, those species that are in greatest need of assistance, and proposals that move the species towards recovery.

### Species Status

Endangered:	5 points	*	<pre># of endangered species =</pre>
Threatened:	3 points	*	<pre># of threatened species =</pre>
Proposed:	2 points	*	<pre># of proposed species =</pre>
Candidate:	1 point	*	<pre># of candidate species =</pre>

### 2) Migratory Birds. 15 Points Maximum

Provides habitat for raptors:	3 points
Provides habitat for passerines:	3 points
Provides habitat for ducks, geese, and s	wans: 3 points
Provides habitat for shorebirds and other	r wetland obligate species: 3 points
Provides habitat for 3 or more of the mi	gratory bird groups above: 3 points

### 3) Large, Intact Landscapes. 15 Points Maximum

Large tract of land or potential acres impacted:

> 5000 acres:	5 points
1000 - 5000 acres:	3 points
< 1000 acres:	1 point

Land adjoining or expanding upon areas already protected (i.e. subject to state and/or federal resource protection laws): 3 points

### Disturbance/Restoration Potential:

Little to no disturbance (pristine):	4 points
Slight disturbance (easily restored):	3 points
Moderate disturbance (moderate restoration required):	2 points
Significant restoration required:	1 point
Heavily disturbed (can not be restored):	0 points

Lands that create corridors linking priority habitats: 3 points

### 4) Fisheries. 15 Points Maximum

High quality habitat present:	5 points
Habitat capable of being restored:	4 points
Presence of indigenous species:	3 points
Absence of non-native or invasive species:	3 points

### 5) Degree and Immediacy of Threats. 15 Points Maximum

This criteria measures the immediacy as well as the potential degree and extent of threats facing a particular resource.

Degree of Threat:		Immediacy of Threat:	
High degree of threat: points	8 points	Immediate and imminent action pending:	7
Medium degree of threat: points	5 points	Moderate chance of impending action:	4
Low degree of threat: point	2 points	Slight chance of impending action:	1

### 6) Good Opportunities. 10 Points Maximum

Ten or more partners:	Yes / No
Identified as a "Focus Area" by NGO or other agency:	Yes / No
At least a 3:1 non-FWS match available:	Yes / No
Watershed group in place:	Yes / No
Defined and measurable objectives:	Yes / No
Multiple native species benefits:	Yes / No

Excellent (6 of 6 criteria met):	10 points
Very Good (5 of 6):	7 points
Good (4 of 6):	5 points
Fair (3 of 6):	3 points
Poor (2 or less):	1 point

## 7) Likelihood of Achieving Objective(s) as Defined in MOYOCO Plan 10 Points Maximum

Will meet or exceed objective(s):	10 points
Will meet most objective(s):	7 points
Will meet some objective(s):	4 points
Does not meet objective(s):	0 points

### 8) Cost/Benefits 5 Points Maximum

This criteria may not apply to all opportunities. (Units other than area may require different multipliers.)

Less that \$300 per acre:	5 points
\$300-\$700 per acre:	3 points
Greater than \$700 per acre:	1 point

GRAND TOTAL (100 Points Maximum) =

Annendix C a Animal Species of	of Special Concern within the MOYOCO	Feogyetem (Marc	h 2000)		
Appenaix C.a. Anniai Species o	of Special Concern within the MOTOCO	Ecosystem (Marc	11 2000)		
Scientific Name	Common Name	USFWS Status	NHP Status	Global Rank	State Pank*
Vertebrates	Common Name	CSF WS Status	nun Status	Global Kalik	State Kank
Fish					
Cottus confusus	Shorthead Sculpin		Species of Special Concern	G5	S3
Cottus rhotheus	Torrent Sculpin		Species of Special Concern	G5	S2
Cottus ricei	Spoonhead Sculpin		Species of Special Concern	G5	S1
Acipenser transmontanus pop 1	White Sturgeon (kootenai River Population)	Endangered	Species of Special Concern	G4T1Q	S1
Scaphirhynchus albus	Pallid Sturgeon	Endangered	Species of Special Concern	G1G2	S1
Scaphirhynchus platorynchus	Shovelnose Sturgeon	Endungered	Species of Special Concern	G4	S1(WY)
Polyodon spathula	Paddlefish		Species of Special Concern	G4	S1S2
Lepisosteus platostomus	Shortnose Gar		Species of Special Concern	G5	S1
Oncorhynchus clarki bouvieri	Yellowstone Cutthroat Trout		Species of Special Concern	G4T2	S2(MT&WY)
Oncorhynchus clarki lewisi	Westslope Cutthroat Trout		Species of Special Concern	G4T3	S3
Oncorhynchus mykiss gairdneri	Interior Redband Trout		Species of Special Concern	G5T4?	S2
Salvelinus confluentus	Bull Trout	Threatened	Species of Special Concern	G314:	S3
Thymallus arcticus montanus	Montana Arctic Grayling	Candidate	Species of Special Concern	G5T2Q	S1
Phoxinus eos x phoxinus neogaeus	Northern Redbelly X Finescale Dace	Canadane	Species of Special Concern	HYB	S3
Hybopsis gelida	Sturgeon Chub	Candidate	Species of Special Concern	G2	S2(MT);S2(ND);S1S2(WY)
Hybopsis genda Hybopsis meeki	Sicklefin Chub	Candidate	Species of Special Concern	G3	S1(MT);S2(ND)
Nocomis biguttatus	Hornyhead Chub	Canadate	Species of Special Concern	G5	S2(WY)
Semotilus margarita	Pearl Dace		Species of Special Concern	G5	S2 (W1)
Cycleptus elongatus	Blue Sucker		Species of Special Concern	G4	S3?
Hybognathus argyritis	Western Silvery Minnow		Species of Special Concern	G5	S4S5(MT);S2(WY)
Percopsis omiscomaycus	Trout-perch		Species of Special Concern	G5	S1
Amphibians	11out peren		Species of Special Concern	03	51
Plethodon idahoensis	Coeur D'alene Salamander		Species of Special Concern	G3	S2
Dicamptodon aterrimus	Idaho Giant Salamander		Species of Special Concern	G3	SR
Ambystoma tigrinum	Tiger Salamander		Species of Special Concern	G5	S3S4(WY)
Bufo hemiophrys	Canadian Toad		Species of Special Concern	G4	S1
Bufo boreas	Western Boreal Toad (N. Rocky pop.)		Species of Special Concern	G4T4	S2(WY)
Rana luteiventris	Columbia Spotted Frog		Species of Special Concern	G414	S2S3(WY)
Rana pipiens	Northern Leopard Frog		Species of Special Concern	G5	S3S4(MT);S3(WY)
Rana sylvatica	Wood Frog		Species of Special Concern	G5T2Q	SR(MT);S2(WY)
Reptiles	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		species of Special Concern	G512Q	51(111),52(111)
Chelydra serpentina	Snapping Turtle		Species of Special Concern	G5	S3
Trionyx spiniferus	Spiny Softshell		Species of Special Concern	G5	S3
Charina bottae	Rubber Boa		Species of Special Concern	G5	S2S3(WY)
Heterodon nasicus	Western Hognose Snake		Species of Special Concern	G5	\$3?
Lampropeltis triangulum	Milk Snake		Species of Special Concern	G5	S2(MT);S2S3(WY)
Liochlorophis vernalis	Smooth Green Snake		Species of Special Concern	G5	S2S3
Birds		1	Erzeies er Special Concern	1 30	
Gavia immer	Common Loon		Species of Special Concern	G5	S1S2B,SZN(MT);S2B,SZN(WY)
Aechmophorus clarkii	Clark's Grebe	+	Species of Special Concern	G5	S2S4B,SZN(MT);S2B,SZN(WY)
Pelecanus erythrorhynchos	American White Pelican		Species of Special Concern	G3	S2B,SZN(MT);S1B,SZN(WY)
Botaurus lentiginosus	American Bittern		Species of Special Concern	G4	S2B,SZN(WY)
Nycticorax nycticorax	Black-crowned Night-heron		Species of Special Concern	G5	S2S3B,SZN(WT) S2S3B,SZN(MT);S3B,SZN(WY)
Plegadis chihi	White-faced Ibis		Species of Special Concern	G5	S1B,SZN
Egretta thula	Snowy Egret	+	Species of Special Concern	G5	S3B,SZN(WY)

Cygnus buccinator	Trumpeter Swan		Species of Special Concern	G4	S2B.S2N
Histrionicus histrionicus	Harlequin Duck		Species of Special Concern	G4	S2B,SZN(MT);S1B,SZ?N(WY)
Haliaeetus leucocephalus	*	reatened	Species of Special Concern	G4	S3B,S3N(MT);S2B,S3N(WY)
Aquila chrysaetos	Golden Eagle	ircatched	Species of Special Concern	G5	S3(ND)
Accipiter gentilis	Northern Goshawk		Species of Special Concern	G5	\$3\$4(MT);\$23B,\$4N(WY)
Buteo regalis	Ferruginous Hawk		Species of Special Concern	G4	S3B,SZN(MT);S3B,S3N(WY)
Falco columbarius	Merlin Merk		Species of Special Concern	G5	S2(ND);S2B,SZN(WY)
Falco mexicanus	Prairie falcon		Species of Special Concern	G5	S3(ND)
1 alco mexicanus		ndangered (due to	species of special Concern	G3	33(ND)
Falco peregrinus		nilar appearance)	Species of Special Concern	G4T3	S1S2B,SZN(MT);S1B,S2N(WY)
Lanius ludovicianus	Loggerhead Shrike		Species of Special Concern	G5	S4B,SZN(MT&WY)
Tympanuchus phasianellus columbianus	Columbian Sharp-tailed Grouse		Species of Special Concern	G4T3	S1
Coturnicops noveboracensis	Yellow Rail		Species of Special Concern	G4	S1B,SZN
Grus americana		ndangered	Species of Special Concern	G1	SZN
Charadrius melodus		reatened	Species of Special Concern	G3	S2B,SZN(MT);S1S2(ND)
Charadrius montanus		andidate	Species of Special Concern	G2	S2B,SZN(MT);S2B,SZN(WY)
Himantopus mexicanus	Black-necked Stilt		Species of Special Concern	G5	S2B,SZN
Numenius americanus	Long-billed Curlew		Species of Special Concern	G5	S3B,SZN(WY)
Larus californicus	California Gull		Species of Special Concern	G5	S2?B,SZN(WY)
Larus delawarensis	Ring-billed Gull		Species of Special Concern	G5	S1B,SZN(WY)
Larus pipixcan	Franklin's Gull		Species of Special Concern	G4G5	S3B.SZN
Calcarius mccownii	McCown's Longspur		Species of Special Concern	G5	S3B,SZN(WY)
Sterna caspia	Caspian Tern		Species of Special Concern	G5	S2B,SZN(MT);S1B,SZN(WY)
Sterna hirundo	Common Tern		Species of Special Concern	G5	S3B.SZN
Sterna forsteri	Forster's Tern		Species of Special Concern	G5	S2B,SZN(MT);S1B,SZN(WY)
Sterna antillarum athalassos		ndangered	Species of Special Concern	G4T2O	S1B,SZN
Chlidonias niger	Black Tern	8	Species of Special Concern	G4	S3B,SZN(MT);S1B,SZN(WY)
Bartramia longicauda	Upland Sandpiper		Species of Special Concern	G5	S3B,SZN(WY)
Coccyzus americanus	Yellow-billed Cuckoo		Species of Special Concern	G5	S3B,SZN(MT);S2B,SZN(WY)
Coccyzus erythropthalmus	Black-billed Cuckoo		Species of Special Concern	G5	S2B,SZN(WY)
Lagopus leucurus	White-tailed Ptarmigan		Species of Special Concern	G5	S2S3(MT);S1(WY)
Otus flammeolus	Flammulated Owl		Species of Special Concern	G4	S2S3B,SZN(MT);SA?B(WY)
Athene cunicularia	Burrowing Owl		Species of Special Concern	G4	S3B,SZN(MT);SU(ND);S3B,SZN(WY)
Strix nebulosa	Great Gray Owl		Species of Special Concern	G5	S3(MT);S2(WY)
Aegolius funereus	Boreal Owl		Species of Special Concern	G5	S3S4(MT);S2(WY)
Asio flammeus	Short-eared Owl		Species of Special Concern	G5	S2S3(WY)
Cypseloides niger	Black Swift		Species of Special Concern	G4	S3B,SZN
Picoides arcticus	Black-backed Woodpecker		Species of Special Concern	G5	S3
Picoides tridactylus	Three-toed Woodpecker		Species of Special Concern	G5	S3(WY)
Sphyrapicus thyroideus	Williamson's Sapsucker		Species of Special Concern	G5	S3B,SZN(WY)
Empidonax alnorum	Alder Flycatcher		Species of Special Concern	G5	S1B,SZN
Empidonax hammondii	Hammond's Flycatcher		Species of Special Concern	G5	S3B,SZN(WY)
Loxia leucoptera	White-winged Crossbill		Species of Special Concern	G5	S1B,S2N(WY)
Tyrannus vociferans	Cassin's Kingbird		Species of Special Concern	G5	S1S3B,SZN
Regulus Satrapa	Golden-crowned Kinglet		Species of Special Concern	G5	S3(WY)
Polioptila caerulea	Blue-gray Gnatcatcher		Species of Special Concern	G5	S1B,SAN
Sitta pygmaea	Pygmy Nuthatch		Species of Special Concern	G5	S2S3(WY)
Spiza americana	Dickcissel		Species of Special Concern	G5	S1S2B,SZN(MT);S2B,SZN(WY)
Ammodramus bairdii	Baird's Sparrow		Species of Special Concern	G4	S3S4B,SZN(MT);SU(ND)
Ammodramus leconteii	Le Conte's Sparrow		Species of Special Concern	G4	S1S2B,SZN
Ammodramus nelsoni	Nelson's Sharp-tailed Sparrow		Species of Special Concern	G5	S1B,SZN

				~-	and and areas
Ammodramus savannarum	Grasshopper Sparrow		Species of Special Concern	G5	S3B,SZN(WY)
Amphispiza belli	Sage Sparrow		Species of Special Concern	G5	SAB,SZN(MT);S3B,SZN(WY)
Spizella breweri	Brewer's Sparrow		Species of Special Concern	G5	S3B,SZN(WY)
Anthus spragueii	Sprague's Pipit		Species of Special Concern	G4	S3(ND)
Dendroica nigrescens	Black-throated Gray Warbler		Species of Special Concern	G5	S2B,SZN(WY)
Stellula calliope	Calliope Hummingbird		Species of Special Concern	G5	S2B,SZN(WY)
Oreoscoptes montanus	Sage Thrasher		Species of Special Concern	G5	S3B,SZN(WY)
Phalaropus tricolor	Wilson's Phalarope		Species of Special Concern	G5	S3B,S3N(WY)
Sayornis phoebe	Eastern Phoebe		Species of Special Concern	G5	S1B,SZN(WY)
Dolichonyx oryzivorus	Bobolink		Species of Special Concern	G5	S3B,SZN(WY)
Mammals					
Sorex haydeni	Hayden's Shrew		Species of Special Concern	G4	S2(WY)
Sorex preblei	Preble's Shrew		Species of Special Concern	G4	S3
Sorex nanus	Dwarf Shrew		Species of Special Concern	G4	S3(MT);S2S3(WY)
Sorex merriami	Merriam's Shrew		Species of Special Concern	G5	S3
Lasionycteris noctivagans	Silver-haired Bat		Species of Special Concern	G5	S3B,SZ?N(WY)
Lasiurus cinereus	Hoary Bat		Species of Special Concern	G5	S2B,SZ?N(WY)
Myotis ciliolabrum	Small-footed Myotis		Species of Special Concern	G5	S3B,S3N(WY)
Myotis evotis	Long-eared Myotis		Species of Special Concern	G5	S1B,S1?N(WY)
Myotis thysanodes	Fringed Myotis		Species of Special Concern	G5	S3(MT);S1B,S1N(WY)
Myotis septentrionalis	Northern Myotis		Species of Special Concern	G4	S2
Myotis volans	Long-legged Myotis		Species of Special Concern	G5	S3B,SZN(WY)
Euderma maculatum	Spotted Bat		Species of Special Concern	G4	S1(MT);S1B,SZ?N(WY)
Corynorhinus townsendii	Townsend's Big-eared Bat		Species of Special Concern	G4	S2S3(MT);S1B,S2N(WY)
Antrozous pallidus	Pallid Bat		Species of Special Concern	G5	S1(MT);S1B,SZ?N(WY)
Lepus californicus	Black-tailed Jack Rabbit		Species of Special Concern	G5	S2S3
Brachylagus idahoensis	Pygmy Rabbit		Species of Special Concern	G4	S2S3
Tamias umbrinus	Uinta Chipmunk		Species of Special Concern	G5	S3?
Cynomys ludovicianus	Black-tailed Prairie Dog		Species of Special Concern	G4	S3S4
Cynomys leucurus	White-tailed Prairie Dog		Species of Special Concern	G4	S2
Perognathus parvus	Great Basin Pocket Mouse		Species of Special Concern	G5	S2S4
Perognathus flavescens	Plains Pocket Mouse		Species of Special Concern	G5	S2(WY)
Spermophilus tridecemlineatus allen	Allen's Thirteen-lined Ground Squirrel		Species of Special Concern	G5T1Q	S1(WY)
Chaetodipus hispidus	Hispid Pocket Mouse		Species of Special Concern	G5	S1
Synaptomys borealis	Northern Bog Lemming		Species of Special Concern	G4	S2
Zapus hudsonius	Meadow Jumping Mouse		Species of Special Concern	G5	S2S3
Microtus richardsoni	Water Vole		Species of Special Concern	G5	S2S3(WY)
THE STATE OF THE S	Water Vote	Endangered (Non-	Species of Special Concern	00	5255(111)
Canis lupus	Gray Wolf	essential exp. pop.)	Species of Special Concern	G4	S1(MT);S2(WY)
Vulpes velox	Swift Fox	Candidate	Species of Special Concern	G3	S1 (M1),52(W1)
Lutra canadensis	River Otter	Canadate	Species of Special Concern	G5	S3(WY)
Ursus arctos horribilis	Grizzly Bear	Threatened	Species of Special Concern	G4T3	S1S2(MT);S2(WY)
Bos bison	Bison	- Incurence	Species of Special Concern	G3	S2(WY)
Martes americana	Pine Marten		Species of Special Concern	G5T2Q	S2(WY)
Martes pennanti	Fisher		Species of Special Concern	G512Q	S2(WT) S2(MT);S1(WY)
Traces permaner	1 ionei	Endangered (Non-	Species of Special Concern	33	02(1111),01(111)
Mustela nigripes	Black-footed Ferret	essential exp. pop.)	Species of Special Concern	G1	SH#(MT);S1(WY)
Musteal nivalis	Least Weasel	сээсний схр. рор.)	Species of Special Concern	G5	S1(WY)
Gulo gulo	Wolverine		Species of Special Concern	G3	S2(WY)
Gulo gulo luscus	North American Wolverine		Species of Special Concern	G5T4	S2(W1) S2
Felis lynx	Lynx		Species of Special Concern	G514	S2(MT);S1(WY)
1.CHS TAILY	Бупх	1	species of special Concern	UJ	32(1V11),31(W1)

D	W 11 1 C	G	CV
Rangifer tarandus caribou Invertebrates	Woodland Caribou	Species of Special Concern G5T4	SX
Molluscs			
Discus shimeki	Striate Disc	Species of Special Concern G4	S1
		1	SH
Discus brunsoni	Mission Range Disc		S1S3
Hemphillia danielsi	Marbled Jumping-slug		
Magnipelta mycophaga	Spotted Slug	Species of Special Concern G2G3	\$1\$3
Zacoleus idahoensis	Sheathed Slug	Species of Special Concern G3G4 Species of Special Concern G1	S1S2 SH
Oreohelix alpina	Alpine Mountainsnail		1-
Oreohelix amariradix	Bitterroot Mountainsnail	Species of Special Concern G1G2	S1S2
Oreohelix carinifera	Keeled Mountainsnail	Species of Special Concern G1	S1
Oreohelix elrodi	Carinate Mountainsnail	Species of Special Concern G1	S1
Oreohelix strigosa berryi	Berry's Mountainsnail	Species of Special Concern G4T2	S1S2
Oreohelix yavapai mariae	Gallatin Mountainsnail	Species of Special Concern G4?T1	S1
Oreohelix sp 3	Bearmouth Mountainsnail	Species of Special Concern G1G2	S1S2
Oreohelix sp 4	Drummond Mountainsnail	Species of Special Concern G1	S1
Oreohelix sp 5	Brunson Mountainsnail	Species of Special Concern G1G2	S1S2
Oreohelix sp 6	Kintla Lake Mountainsnail	Species of Special Concern G1	S1
Oreohelix sp 7	Kitchen Creek Mountainsnail	Species of Special Concern G1G2	S1S2
Oreohelix sp 10	Missoula Mountainsnail	Species of Special Concern G1G3	S1S3
Oreohelix sp 11	Subcarinate Mountainsnail	Species of Special Concern G1	S1
Oreohelix sp 31	Byrne Resort Mountainsnail	Species of Special Concern G1G2	S1S2
Udosarx lyrata russelli	Russell Mantleslug	Species of Special Concern G1	S1
Lyogyrus greggi	Rocky Mountain Duskysnail	Species of Special Concern G3G4	S1
Amnicola sp 2	Washington Duskysnail	Species of Special Concern G1	S1
Fluminicola fuscus	Columbia Pebblesnail	Species of Special Concern G2G3	SX
Acroloxus coloradensis	Rocky Mountain Capshell	Species of Special Concern G?	S1
Stagnicola elrodi	Flathead Pondsnail	Species of Special Concern G1	S1
Stagnicola elrodianus	Largemouth Pondsnail	Species of Special Concern G1	S1
Stagnicola montanensis	Mountain Marshsnail	Species of Special Concern G3	S1S3
Fisherola nuttalli	Shortface Lanx	Species of Special Concern G2?	S1S3
Physa megalochlamys	Large-mantle Physa	Species of Special Concern G3	S1
Insects			
Zaitzevia thermae	Warm Spring Zaitzevian Riffle Beetle Candidate	Species of Special Concern G1	S1
Microcylloepus browni	Brown's Microcylloepus Riffle Beetle	Species of Special Concern G1	S1
Caenis youngi	A Mayfly	Species of Special Concern G3	S2
Phyciodes batesii	Tawny Crescent	Species of Special Concern G4	S2S3
Euphydryas gillettii	Gillette's Checkerspot	Species of Special Concern G3	S3
Erpetogomphus designatus	Eastern Ringtail	Species of Special Concern G5	S1
Aeshna subarctica	Subarctic Darner	Species of Special Concern G5	S1S2
Somatochlora albicincta	Ringed Emerald	Species of Special Concern G5	S1S3
Somatochlora walshii	Brush-tipped Emerald	Species of Special Concern G5	S1S2
Erythemis collocata	Western Pondhawk	Species of Special Concern G5	S1S2
Leucorrhinia borealis	Boreal Whiteface	Species of Special Concern G5	S1
Coenagrion interrogatum	Subarctic Bluet	Species of Special Concern G5	S1S2
Enallagma optimolocus	Last Best Place Damselfly	Species of Special Concern G1G3	S1S3
Isocapnia crinita	A Stonefly	Species of Special Concern GU	S2
Isocapnia integra	A Stonefly	Species of Special Concern G2	S2
Utacapnia columbiana	A Stonefly	Species of Special Concern GU	S2
Lednia tumana	Meltwater Lednian Stonefly	Species of Special Concern G1	S1
Zapada cordillera	A Stonefly	Species of Special Concern GU	S2

Zapada glacier	Western Glacier Stonefly	Species of Special Concern G1	S1
Isoperla petersoni	A Stonefly	Species of Special Concern GU	S2?
Rhyacophila alexanderi	Alexander's Rhyacophilan Caddisfly	Species of Special Concern G2	S2
Rhyacophila ebria	A Caddisfly	Species of Special Concern G1?	S1?
Rhyacophila newelli	A Rhyacophilan Caddisfly	Species of Special Concern G2?	S2?
Rhyacophila glacieri	A Rhyacophilan Caddisfly	Species of Special Concern G1	S1
Agapetus montanus	An Agapetus Caddisfly	Species of Special Concern G2?	S2?
Tigapetus monumus	Im Tigupotus Cudulstry	species of special content.   02.	, sz.
Watch Species			
Couesius plumbeus	Lake Chub	Watch Species G5	S3(ND)
Hybognathus placitus	Plains Minnow	Watch Species G5	S4S5
Hybopsis gracilis	Flathead Chub	Watch Species G5	S5
Ascaphus truei	Tailed Frog	Watch Species G4	S4
Bufo boreas	Western Toad	Watch Species G4	S3S4
Bufo cognatus	Great Plains Toad	Watch Species G5	S3S4
Spea intermontana	Great Basin Spadefoot	Watch Species G5	SR
Sceloporus graciosus	Sagebrush Lizard	Watch Species G5	S3S4
Eumeces skiltonianus	Western Skink	Watch Species G5	S3S4
Ardea herodias	Great Blue Heron	Watch Species G5	S4B,SZN
Tyto alba	Barn Owl	Watch Species G5	SAB,SAN
Otus asio	Eastern Screech-owl	Watch Species G5	S3S4
Otus kennicottii	Western Screech-owl	Watch Species G5	S3S4
Surnia ulula	Northern Hawk Owl	Watch Species G5	SAB,SAN
Selasphorus platycercus	Broad-tailed Hummingbird	Watch Species G5	SAB,SAN
Sialia mexicana	Western Bluebird	Watch Species	5715,6711
Vermivora peregrina	Tennessee Warbler	Watch Species G5	S3S4B,SZN
Mniotilta varia	Black-and-white Warbler	Watch Species G5	S2S3B,SZN
Myotis yumanensis	Yuma Myotis	Watch Species G5	S3
Sylvilagus floridanus	Eastern Cottontail	Watch Species G5	S2?
Spilogale putorius	Eastern Spotted Skunk	Watch Species G5	SP
Spilogale gracilis	Western Spotted Skunk	Watch Species G5	SU
Spermophilus lateralis lateralis	Wind River Golden-Mantled Ground Squirrel	Watch Species	50
Radiodiscus abietum	Fir Pinwheel	Watch Species GU	SU
Polygyrella polygyrella	Humped Coin	Watch Species GU	SU
Udosarx lyrata lyrata	Lyre Mantleslug	Watch Species GU	SU
Promenetus exacuous megas	Prairie Sprite	Watch Species GU	SU
Tanypteryx hageni	Black Petaltail	Watch Species G3	SR
Cordulegaster dorsalis	Pacific Spiketail	Watch Species G5	SU
Gomphus externus	Plains Clubtail	Watch Species G5	S2S4
Ophiogomphus occidentis	Sinuous Snaketail	Watch Species G4	S2S4 S2S4
Aeshna canadensis	Canada Darner	Watch Species G5	S2S4
Aeshna constricta	Lance-tipped Darner	Watch Species G5	S1S3
Aeshna multicolor	Blue-eyed Darner	Watch Species G5	S2S4
Aeshna sitchensis	Zigzag Darner	Watch Species G5	S2S3
Aeshna tuberculifera	Black-tipped Darner	Watch Species G4	\$255 \$2\$4
Macromia illinoiensis	Illinois River Cruiser	Watch Species G5	SR
Somatochlora minor	Ocellated Emerald	Watch Species G5	S2S4
Libellula composita	Bleached Skimmer	Watch Species G3	SR SR
Libellula nodisticta	Hoary Skimmer	Watch Species G3	SR SR
Pantala flavescens	Wandering Glider	Watch Species G5	SI?
Sympetrum madidum	Red-veined Meadowhawk	Watch Species G4	S2S3

Lestes forcipatus	Sweetflag Spreadwing	Watch Species	G5	S1S3
Argia fumipennis violacea	A Damselfly	Watch Species	G5T5	S2S4
Argia alberta	Paiute Dancer	Watch Species	G4	S2S3
Coenagrion angulatum	Prairie Bluet	Watch Species	G5	S1S3
Enallagma civile	Familiar Bluet	Watch Species	G5	S2S4
Enallagma clausum	Alkali Bluet	Watch Species	G5	S2S4
Arigomphus cornutus	Horned Clubtail	Watch Species	G4	S2S4
* If no state is listed, MT is implied.		•		

Appendix C.b. Plant Species of Spe	ecial Concern within the MOY	OCO Ecosystem	(March 2000)		
Scientific Name	Common Name	USFWS Status	NHP Status	Global Rank	State Rank*
Vascular Plants					
Adoxa moschatellina	Musk-root		Species of Special Concern	G5	S1(MT);S1(WY)
Agastache cusickii	Cusick's Horse-mint		Species of Special Concern		S1
Agrostis oregonensis	Oregon Bentgrass		Species of Special Concern		S1(WY)
Allium acuminatum	Tapertip Onion		Species of Special Concern		S1
Allium columbianum	Columbia Onion		Species of Special Concern		S1
Allium parvum	Small Onion		Species of Special Concern		S2
Allium simillimum	Dwarf Onion		Species of Special Concern		S1
Allotropa virgata	Candystick		Species of Special Concern	G4	S3
Alnus rubra	Red Alder		Species of Special Concern		S1
Amerorchis rotundifolia	Round-leaved Orchis		Species of Special Concern		S2S3
Ammannia coccinea	Scarlet Ammannia		Species of Special Concern	G5	SH
Amorpha canescens	Lead Plant		Species of Special Concern	G5	SH
Androsace chamaejasme ssp carinata	Sweet-flowered Rock Jasmine		Species of Special Concern	G5T4	S1S2(WY)
Anemone narcissiflora ssp zephyra	Zephyr windflower		Species of Special Concern	G5T4	S1(WY)
Antennaria densifolia	Dense-leaved Antennaria		Species of Special Concern	G3	S1
Antennaria flagellaris	Stoloniferous Pussytoes		Species of Special Concern	G5?	S1(WY)
Antennaria monocephala	Single-head Pussytoes		Species of Special Concern		S1(WY)
Antennaria neglecta	Field Pussytoes		Species of Special Concern	G5	S1(WY)
Aquilegia brevistyla	Short-styled Columbine		Species of Special Concern	G5	S2(MT);S1(WY)
Aquilegia formosa	Sitka Columbine		Species of Special Concern	G5T5	S1(MT);S1(WY)
Arabis demissa var languida	Daggett Rock Cress		Species of Special Concern	G5T4	S1
Arabis fecunda	Sapphire Rockcress		Species of Special Concern	G2	S2
Arabis lyrata var kamchatica	Lyre-leaf Rockcress		Species of Special Concern	G5T5?	S1
Arabis williamsii var williamsii	William's Rockcress		Species of Special Concern	G3QT3	S3(WY)
Arctostaphylos patula	Green-leaf Manzanita		Species of Special Concern	G4	S1
Arnica augustifolia ssp tomentosa	Alpine Arnica		Species of Special Concern	G5T5	S1(WY)
Arnica lonchophylla	Northern Arnica		Species of Special Concern	G4	S1(WY)
Asclepias incarnata	Swamp Milkweed		Species of Special Concern	G5	S1
Asclepias ovalifolia	Ovalleaf Milkweed		Species of Special Concern	G5?	S1
Asclepias stenophylla	Narrowleaf Milkweed		Species of Special Concern	G4G5	S1
Asplenium trichomanes	Maidenhair Spleenwort		Species of Special Concern	G5	SX
Asplenium trichomanes-ramosum	Green Spleenwort		Species of Special Concern		S2(WY)
Aster borealis	Boreal Aster		Species of Special Concern		S1(WY)
Aster frondosus	Alkali Aster		Species of Special Concern	G4	S1
Aster glaucodes	Gray Aster		Species of Special Concern		S1
Aster mollis	Soft Aster		Species of Special Concern	G3	S3(WY)
Astragalus aretioides	Sweetwater Milkvetch		Species of Special Concern	G4	S2

Astragalus barrii	Barr's Milkvetch	Species of Special Concern G.	43	S3(MT);S3(WY)
Astragalus ceramicus var apus	Painted Milkvetch	Species of Special Concern G		S1
Astragalus convallarius var convallarius	Lesser Rushy Milkvetch	Species of Special Concern G	5T5	S2
Astragalus drummondii	Drummond's Milkvetch	Species of Special Concern G		S1(ND)
Astragalus geyeri var geyeri	Geyer's Milkvetch	Species of Special Concern G		S2
Astragalus gilviflorus var purpureu	Dubios Milkvetch	Species of Special Concern G		S2(WY)
Astragalus grayi	Gray's Milkvetch	Species of Special Concern G	4?	S1
Astragalus jejunus var articulatus	Hyattville Milkvetch	Species of Special Concern G	3T1	S1(WY)
Astragalus lackschewitzii	Lackschewitz' Milkvetch	Species of Special Concern G	2	S2
Astragalus nelsonianus	Nelson's Milkvetch	Species of Special Concern G	13	S2(WY)
Astragalus oreganus	Wind River Milkvetch	Species of Special Concern G		S1
Astragalus racemosus var longisetus	Raceme Milkvetch	Species of Special Concern G:		S2
Astragalus scaphoides	Bitterroot Milkvetch	Species of Special Concern G	3	S2
Astragalus simplicifolius	Bun Milkvetch	Species of Special Concern G		S3(WY)
Astragalus terminalis	Railhead Milkvetch	Species of Special Concern G		S2
Athysanus pusillus	Sandweed	Species of Special Concern G		S1
Atriplex truncata	Wedge-leaved Saltbush	Species of Special Concern G		SH
Bacopa rotundifolia	Roundleaf Water-hyssop	Species of Special Concern G		S1
Balsamorhiza hookeri	Hooker's Balsam-root	Species of Special Concern G	5	S1
Balsamorhiza macrophylla	Large-leafed Balsamroot	Species of Special Concern G	3G5	S1
Bidens beckii	Beck Water-marigold	Species of Special Concern G		S2
Boisduvalia densiflora	Dense Spike-primrose	Species of Special Concern G		SH
Botrychium ascendens	Upward-lobed Moonwort	Species of Special Concern G		S1(MT);S1(WY)
Botrychium campestre	Prairie Dunewort	Species of Special Concern G		S1
Botrychium crenulatum	Wavy Moonwort	Species of Special Concern G		S2
Botrychium hesperium	Western Moonwort	Species of Special Concern G		S2
Botrychium lanceolatum	Lance-leaved Grapefern	Species of Special Concern G		S1(WY)
Botrychium lineare	Linearleaf Moonwort	Species of Special Concern G		S1
Botrychium minganese	Mingan Island Moonwort	Species of Special Concern G		S1(WY)
Botrychium montanum	Mountain Moonwort	Species of Special Concern G.		S3
Botrychium pallidum	Pale Moonwort	Species of Special Concern G		S1
Botrychium paradoxum	Peculiar Moonwort	Species of Special Concern G		S2
Botrychium pedunculosum	Stalked Moonwort	Species of Special Concern G		S1
Botrychium spathulatum	Spoon-leaf Moonwort	Species of Special Concern G.		S1
Botrychium virginianum	Rattlesnake Fern	Species of Special Concern G		S1(WY)
Brasenia schreberi	Watershield	Species of Special Concern G		S2
Braya humilis	Low Braya	Species of Special Concern G		S1(MT);S1(WY)
Brickellia microphylla var scabra	Little-leaved Brickell Brush	Species of Special Concern G		S1(WY)
Bromus vulgaris	Narrow-flowered Brome	Species of Special Concern G		S1S2(WY)
Calochortus bruneaunis	Bruneau Mariposa Lily	Species of Special Concern G		SH
Camissonia andina	Obscure Evening-primrose	Species of Special Concern G		S1
Camissonia parvula	Small Camissonia	Species of Special Concern G	4	S1

Cardamine oligosperma var kamtschatica	Few-seeded Bittercress	Species of Special Concern G5T	? S1
Carex amplifolia	Big-leaf Sedge	Species of Special Concern G4	S1
Carex buxbaumii	Buxbaum's Sedge	Species of Special Concern G5	S2(WY)
Carex chordorrhiza	Creeping Sedge	Species of Special Concern G5	S2
Carex comosa	Bristly Sedge	Species of Special Concern G5	S1
Carex crawei	Craw's Sedge	Species of Special Concern G5	S2
Carex cusickii	Cusick's Sedge	Species of Special Concern G5	S1(WY)
Carex deweyanna var bolanderi	Bolander's Sedge	Species of Special Concern G5T	S1(WY)
Carex diandra	Lesser Panicled Sedge	Species of Special Concern G5	S1S2(WY)
Carex gravida var gravida	Pregnant Sedge	Species of Special Concern G5T	?? S1
Carex incurviformis	Seaside Sedge	Species of Special Concern G3G	55T3 S2(WY)
Carex incurviformis var incurviformis	Maritime Sedge	Species of Special Concern G4G	35T? S1
Carex lenticularis var dolia	Goose-grass Sedge	Species of Special Concern G5T	3Q S2
Carex leptalea	Bristly-stalk Sedge	Species of Special Concern G5	S1(WY)
Carex limosa	Mud Sedge	Species of Special Concern G5	S2(WY)
Carex livida	Pale Sedge	Species of Special Concern G5	S3(MT);S1(WY)
Carex luzulina var atropurpurea	Black and Purple Sedge	Species of Special Concern G5T	3 S2(WY)
Carex microglochin	False Uncinia Sedge	Species of Special Concern G5?	S1(WY)
Carex misandra	Short-leaf Sedge	Species of Special Concern G5	S1(WY)
Carex multicostata	Many-ribbed Sedge	Species of Special Concern G5	S1
Carex nelsonii	Nelson's Sedge	Species of Special Concern G3	S2(WY)
Carex norvegica ssp inserrulata	Toothed Scandinavian Sedge	Species of Special Concern G5T	
Carex norvegica ssp stevenii	Steven's Scandinavian Sedge	Species of Special Concern G5T	?? S1
Carex occidentalis	Western Sedge	Species of Special Concern G4	SH(MT);S1(WY)
Carex pallescens	Palish Sedge	Species of Special Concern G5	S1
Carex parryana ssp idahoa	Idaho Sedge	Species of Special Concern G4T	
Carex paupercula	Poor Sedge	Species of Special Concern G5	S3
Carex petricosa	Rock Sedge	Species of Special Concern G4	S1
Carex prairea	Prairie Sedge	Species of Special Concern G5?	
Carex rostrata	Beaked Sedge	Species of Special Concern G5	<b>S</b> 1
Carex sartwellii var sartwellii	Sartwell's Sedge	Species of Special Concern G4	S1(WY)
Carex scoparia	Pointed Broom Sedge	Species of Special Concern G5	S2
Carex simulata	Copycat Sedge	Species of Special Concern G5	S2(ND)
Carex stenoptila	Small-winged Sedge	Species of Special Concern G3?	S2
Carex subnigricans	Dark Alpine Sedge	Species of Special Concern G5T	
Carex sychnocephala	Many-headed Sedge	Species of Special Concern G4	<b>S</b> 1
Carex tenuiflora	Thin-flowered Sedge	Species of Special Concern G5	S1
Carex tincta	Slender Sedge	Species of Special Concern G4G	
Carex vaginata	Sheathed Sedge	Species of Special Concern G5	S1
Castilleja cervina	Deer Indian Paintbrush	Species of Special Concern G3G	
Castilleja covilleana	Coville Indian Paintbrush	Species of Special Concern G3G	
Castilleja crista-galli	Cock's-Comb Paintbrush	Species of Special Concern G3	S2(WY)

Castilleja exilis	Annual Indian Paintbrush	Species of Special Concern G5	S2
Castilleja gracillima	Slender Indian Paintbrush	Species of Special Concern G3G4	S2
Castilleja nivea	Snow Paintbrush	Species of Special Concern G3	S2(WY)
Ceanothus herbaceus var pubescens	New Jersey Tea	Species of Special Concern G5T?	SH
Celastrus scandens	Bittersweet	Species of Special Concern G5	S1
Celtis occidentalis	Common Hackberry	Species of Special Concern G5	S1(WY)
Centaurium exaltatum	Western Centaury	Species of Special Concern G5	SH
Centunculus minimus	Chaffweed	Species of Special Concern G5	S1
Cercocarpus montanus var glaber	Birchleaf Mountain-mahogany	Species of Special Concern G5TU	S1
Chenopodium subglabrum	Smooth Goosefoot	Species of Special Concern G3G4	
Chrysosplenium tetrandrum	Northern Golden-carpet	Species of Special Concern G5	S3
Chrysothamnus parryi ssp montanus	Parry's Mountain Rabbitbrush	Species of Special Concern G5T1	S1
Cirsium aridum	Cedar Rim Thistle	Species of Special Concern G2Q	S2(WY)
Cirsium brevistylum	Short-styled Thistle	Species of Special Concern G4	S2
Cirsium canovirens	Gray-Green Thistle	Species of Special Concern G4G5	SH(WY)
Cirsium foliosum	Leafy Thistle	Species of Special Concern G5	S1(WY)
Cirsium longistylum	Long-styled Thistle	Species of Special Concern G2Q	S2
Clarkia rhomboidea	Common Clarkia	Species of Special Concern G4	S2
Claytonia arenicola	Sand Springbeauty	Species of Special Concern G4	S1
Cleome lutea	Yellow Bee Plant	Species of Special Concern G5	S1
Collomia tinctoria	Yellow-staining Collomia	Species of Special Concern G5	S1
Corydalis sempervirens	Pale Corydalis	Species of Special Concern G4G5	
Cryptantha fendleri	Fendler Cat's-eye	Species of Special Concern G4	S1
Cryptantha scoparia	Miner's Candle	Species of Special Concern G3	S1
Cryptogramma stelleri	Fragile Rockbrake	Species of Special Concern G5	S1(WY)
Cuscuta indecora var neuropetala	Pretty Dodder	Species of Special Concern G5	S1(WY)
Cymopterus evertii	Evert's Waferparsnip	Species of Special Concern G2G3	S2S3(WY)
Cymopterus williamsii	William's Spring-Parsley	Species of Special Concern G3	S3(WY)
Cyperus acuminatus	Short-pointed Flatsedge	Species of Special Concern G5	S1(MT);S1(WY)
Cyperus erythrorhizos	Red-root Flatsedge	Species of Special Concern G5	SH
Cyperus rivularis	Shining Flatsedge	Species of Special Concern G5	S1
Cyperus schweinitzii	Schweinitz' Flatsedge	Species of Special Concern G5	S2
Cypripedium calceolus var pubescens	Large Yellow Lady's-slipper	Species of Special Concern G5	S1S2(WY)
Cypripedium fasciculatum	Clustered Lady's-slipper	Species of Special Concern G4	S2
Cypripedium parviflorum	Small Yellow Lady's-slipper	Species of Special Concern G5	S3
Cypripedium passerinum	Sparrow's-egg Lady's-slipper	Species of Special Concern G4G5	
Cypripedium montanum	Mountain Lady's-slipper	Species of Special Concern G4G5	
Cystopteris montana	Mountain Bladder Fern	Species of Special Concern G5	SH
Dalea enneandra	Nine-anther Dalea	Species of Special Concern G5	S1
Dalea villosa var villosa	Silky Prairie Clover	Species of Special Concern G5T?	S1
Deschampsia danthonioides	Annual Hairgrass	Species of Special Concern G5	S1(WY)
Descurainia torulosa	Wyoming Tansymustard	Species of Special Concern G1	S1(WY)

Dichanthelium oligosanthes var scribnerianur	Scribner's Panic Grass	Species of Special Concern	G5T5	S1
Downingia laeta	Great Basin Downingia	Species of Special Concern	G5	S1
Draba crassa	Thick-leaf Whitlow Grass	Species of Special Concern	G3	S2(WY)
Draba densifolia	Dense-leaf Draba	Species of Special Concern	G5	S2
Draba fladnizensis	White Arctic Draba	Species of Special Concern	G4	S1
Draba fladnizensis var pattersonii	White Arctic Whitlow-Grass	Species of Special Concern		S2(WY)
Draba glabella	Rock Whitlow-Grass	Species of Special Concern	G4G5	S1(WY)
Draba globosa	Rockcress Draba	Species of Special Concern	G3G4	S1(MT);S2(WY)
Draba macounii	Macoun's Draba	Species of Special Concern	G3G4	S1
Draba paysonii var treleasii	Trelease's Draba	Species of Special Concern		S1(WY)
Draba pectinipila	Comb-hair Whitlow-Grass	Species of Special Concern	G1Q	S1(WY)
Draba porsildii	Porsild's Draba	Species of Special Concern		S1
Draba porsildii var brevicula	Little Snow Draba	Species of Special Concern	G3T1	S1(WY)
Draba porsildii var porsildii	Porsild's Whitlow-Grass	Species of Special Concern		S2(WY)
Draba ventosa	Wind River Draba	Species of Special Concern	G3	S1
Drosera anglica	English Sundew	Species of Special Concern		S2(MT);S1?(WY)
Drosera linearis	Linear-leaved Sundew	Species of Special Concern		S1
Dryas integrifolia	Entire-leaved Avens	Species of Special Concern		S1
Dryopteris cristata	Buckler Fern	Species of Special Concern		S2
Dryopteris expansa	Spreading Woodfern	Species of Special Concern		S1(WY)
Elatine brachysperma	Short-seeded Water-wort	Species of Special Concern		SU
Elatine californica	California Waterwort	Species of Special Concern		SU
Eleocharis rostellata	Beaked Spikerush	Species of Special Concern		S2
Eleocharis tenuis var borealis	Boreal Spikerush	Species of Special Concern		S1(WY)
Elodea longivaginata	Long Sheath Waterweed	Species of Special Concern		S1
Elymus flavescens	Sand Wildrye	Species of Special Concern		S1
Elymus innovatus	Northern Wild-rye	Species of Special Concern		S1
Epilobium palustre var palustre	Swamp Willow Herb	Species of Special Concern		S1S2(WY)
Epipactis gigantea	Giant Helleborine	Species of Special Concern		S2(MT);S2(WY)
Equisetum sylvaticum	Woodland Horsetail	Species of Special Concern		S1(WY)
Eragrostis hypnoides	Teal Love Grass	Species of Special Concern		S1(WY)
Eriastrum wilcoxii	Wilcox Erisatrum	Species of Special Concern		S1S2(WY)
Erigeron allocotus	Bighorn Fleabane	Species of Special Concern		S3(WY)
Erigeron asperugineus	Idaho Fleabane	Species of Special Concern		S1
Erigeron eatonii ssp eatonii	Eaton's Daisy	Species of Special Concern		S1
Erigeron evermannii	Evermann Fleabane	Species of Special Concern		S1
Erigeron formosissimus var viscidus	Beautiful Fleabane	Species of Special Concern		S1
Erigeron humilis	Low Fleabane	Species of Special Concern		S2(WY)
Erigeron lackschewitzii	Lackschewitz' Fleabane	Species of Special Concern		S3
Erigeron leiomerus	Smooth Fleabane	Species of Special Concern		S1
Erigeron linearis	Linearleaf Fleabane	Species of Special Concern		S1
Erigeron radicatus	Taprooted Fleabane	Species of Special Concern	G3	S1(WY)

Erigeron tener	Slender Fleabane		Species of Special Concern	G4	S1
Erigonum brevicaule var canum	Rabbit Buckwheat		Species of Special Concern		S2(WY)
Eriogonum caespitosum	Mat Buckwheat		Species of Special Concern		S1
Eriogonum mancum	Imperfect Wild Buckwheat		Species of Special Concern		S1(WY)
Eriogonum salsuginosum	Smooth Buckwheat		Species of Special Concern		S1
Eriogonum visheri	Visher's Buckwheat		Species of Special Concern		S1(MT);S2S3(ND)
Eriophorum callitrix	Sheathed Cotton-grass		Species of Special Concern		S1(MT);S1(WY)
Eriophorum chamissonis	Russet Cotton-grass		Species of Special Concern		S1S2(WY)
Eriophorum gracile	Slender Cottongrass		Species of Special Concern		S2(MT);S1(WY)
Eupatorium maculatum var bruneri	Joe-pye Weed		Species of Special Concern		S1
Eupatorium occidentale	Western Boneset		Species of Special Concern		S2
Euphrasia arctica var disjuncta	Disjunct Eyebright		Species of Special Concern		S1
Eritrichium howardii	Howard Forget-Me-Not		Species of Special Concern		S1(WY)
Eustoma grandiflorum	Showy Prairie-gentian		Species of Special Concern	G5	S1
Festuca hallii	Hall's Fescue		Species of Special Concern	G3G4	S1(WY)
Festuca vivipara	Viviparous Fescue		Species of Special Concern	G4G5Q	S2
Gayophytum humile	Low Ground-smoke		Species of Special Concern		S1(WY)
Gentiana glauca	Glaucous Gentian		Species of Special Concern	G4G5	S1
Gentianella propinqua	Four-part Gentian		Species of Special Concern	G5	S1(WY)
Gentianopsis macounii	Macoun's Gentian		Species of Special Concern	G5	S1
Gentianopsis simplex	Hiker's Gentian		Species of Special Concern	G4	S1(MT);S1(WY)
Glandularia bipinnatifida	Dakota Vervain		Species of Special Concern	G5	S1(WY)
Glossopetalon nevadense	Spiny Greenbush		Species of Special Concern	G5?Q	S1
Gnaphalium microcephalum var therma	White Cudweed		Species of Special Concern		S1(WY)
Goodyera repens	Northern Rattlesnake-plantain		Species of Special Concern	G5	S3
Gratiola ebracteata	Bractless Hedge-hyssop		Species of Special Concern		S1
Grayia spinosa	Spiny Hopsage		Species of Special Concern		S2
Grindelia howellii	Howell's Gum-weed		Species of Special Concern		S2S3
Gymnosteris parvula	Small-flower Gymnosteris		Species of Special Concern	G4	SH
Halimolobos perplexa var lemhiensis	Puzzling Rockcress		Species of Special Concern		S1
Haplopappus aberrans	Idaho Golden-weed		Species of Special Concern		S1
	Beartooth Large-flowered Goldenweed		Species of Special Concern		S2
Haplopappus macronema var linearis	Narrowleaf Goldenweed		Species of Special Concern		S2(WY)
Haplopappus macronema var macronema	Discoid Goldenweed		Species of Special Concern		S1
Haplopappus nanus	Dwarf Goldenweed		Species of Special Concern		S1
Haplopappus pygmaeus	Pygmy Goldenweed		Species of Special Concern		SH
Helictotrichon mortonianum	Alpine Oatgrass		Species of Special Concern		S1(WY)
Hemicarpha drummondii	Drummond's Hemicarpha		Species of Special Concern		SH
Heteranthera dubia	Water Star-grass		Species of Special Concern		S1
Heterocodon rariflorum	Western Pearl-flower		Species of Special Concern		S1
Howellia aquatilis	Water Howellia	LT	Species of Special Concern		S2
Hutchinsia procumbens	Hutchinsia		Species of Special Concern	G5	S1

Idahoa scapigera	Scalepod	Species of Special Concern G5	S1
Ipomopsis congesta ssp crebrifolia	Ballhead Gilia	Species of Special Concern G5T4?	S2
Ipomopsis minutiflora	Small-flower Standing-cypress	Species of Special Concern G2G3	S1
Ipommopsis spicata ssp robruthii	Kirkpatrick's Ipomopsis	Species of Special Concern G4?T2	S2(WY)
Juncus acuminatus	Tapered Rush	Species of Special Concern G5	S1
Juncus albescens	Three-flowered Rush	Species of Special Concern G5	S2
Juncus covillei var covillei	Coville's Rush	Species of Special Concern G4G5T5	S1
Juncus covillei var obtusatus	Coville's Blunt Rush	Species of Special Concern G4G5T4	S1
Juncus filiformis	Thread Rush	Species of Special Concern G5	S1(WY)
Juncus hallii	Hall's Rush	Species of Special Concern G4G5	S2
Juncus triglumis var albescens	Northern White Rush	Species of Special Concern G5T5	S1(WY)
Juncus triglumis var triglumis	Three-flower Rush	Species of Special Concern G5T5	S1(WY)
Kalmia polifolia	Pale Laurel	Species of Special Concern G5	S1
Kelloggia galioides	Milk Kelloggia	Species of Special Concern G5	S1(MT);S1(WY)
Kobresia macrocarpa	Large-fruited Kobresia	Species of Special Concern G5	S1
Kobresia schoenoides	Siberian Kobresia	Species of Special Concern G5	S1(WY)
Kobresia simpliciuscula	Simple Kobresia	Species of Special Concern G5	S2(MT);S1(WY)
Kochia americana	Red Sage	Species of Special Concern G5	S1
Koenigia islandica	Island Koenigia	Species of Special Concern G4	S1(MT);S1(WY)
Lagophylla ramosissima	Slender Hareleaf	Species of Special Concern G5	S1
Lathyrus bijugatus	Latah Tule Pea	Species of Special Concern G4	S1
Lathyrus lanszwertii var lanszwerti	Nevada Sweetpea	Species of Special Concern G4G5T4	S1(WY)
Leptodactylon caespitosum	Leptodactylon	Species of Special Concern G3G4	S2
Leptodactylon watsonii	Watson's Prickly-phlox	Species of Special Concern G3	S1(WY)
Lesquerella carinata var languida	Garnet Bladderpod	Species of Special Concern G3G4T1	S1
Lesquerella fremontii	Fremont Bladderpod	Species of Special Concern G2	S2(WY)
Lesquerella humilis	Bitterroot Bladderpod	Species of Special Concern G1	S1
Lesquerella lesicii	Lesica's Bladderpod	Species of Special Concern G1	S1
Lesquerella paysonii	Payson Bladderpod	Species of Special Concern G3	S1
Lesquerella pulchella	Beautiful Bladderpod	Species of Special Concern   G2	S2
Lewisia columbiana var wallowensis	Columbia Lewisia	Species of Special Concern G4T4	S1
Lewisia pygmaea var nevadensis	Nevada Bitterroot	Species of Special Concern G4	S1
Lilaea scilloides	Flowering Quillwort	Species of Special Concern G5?	S1
Liparis loeselii	Loesel's Twayblade	Species of Special Concern G5	S1
Listera convallaroides	Broad-leaved Twayblade	Species of Special Concern G5	S1(WY)
Lobelia spicata	Pale-spiked Lobelia	Species of Special Concern G5	S1
Lomatium attenuatum	Absaroka Biscuitroot	Species of Special Concern G3	S2(MT);S2(WY)
Lomatium bicolor	Wasatch Biscuitroot	Species of Special Concern G4T3	S2(WY)
Lomatium geyeri	Geyer's Biscuitroot	Species of Special Concern G3G4	S1
Lomatium nuttallii	Nuttall Desert-parsley	Species of Special Concern G3G4	S1
Lomatogonium rotatum	Felwort	Species of Special Concern G5	S1
Lonicera caerulea var cauriana	Western Honeysuckle	Species of Special Concern G5	S1(WY)

Lycopodium dendroideum	Treelike Clubmoss	Species of Special Concern	G5	S1
Lycopodium inundatum	Northern Bog Clubmoss	Species of Special Concern	G5	S1
Lycopodium lagopus	Running Pine	Species of Special Concern	G5T?	S1
Lycopodium sitchense	Alaskan Clubmoss	Species of Special Concern	G5	S3
Maianthemum canadense var interius	Wild Lily-of-the-valley	Species of Special Concern	G5T4	SH
Malacothrix torreyi	Desert Dandelion	Species of Special Concern	G4	S1
Melica smithii	Smith Melic Grass	Species of Special Concern	G4	SH(WY)
Mentzelia montana	White-bract Stickleaf	Species of Special Concern	G4	SH
Mentzelia nuda	Bractless Mentzelia	Species of Special Concern	G5	S1
Mentzelia pumila	Dwarf Mentzelia	Species of Special Concern		S2
Mertensia bella	Oregon Bluebells	Species of Special Concern	G4	S1
Mimulus breviflorus	Short-flowered Monkeyflower	Species of Special Concern	G4	S1
Mimulus nanus	Dwarf Purple Monkeyflower	Species of Special Concern	G5	S1
Mimulus patulus	Washington Monkeyflower	Species of Special Concern	G2Q	S1
Mimulus primuloides	Primrose Monkeyflower	Species of Special Concern	G4	S2
Mimulus rubellus	Ciliolate-toothed Monkey-flower	Species of Special Concern	G5	S1(WY)
Mimulus tilingii	Subalpine Monkey-flower	Species of Special Concern		S1(WY)
Monolepis pusilla	Red Poverty-weed	Species of Special Concern		S1(WY)
Montiastrum lineare	Linearleaf Miner's-lettuce	Species of Special Concern	G5	SH(WY)
Muhlenbergia glomerata	Marsh Muhly	Species of Special Concern	G4	S1(WY)
Musineon vaginatum	Sheathed Musineon	Species of Special Concern	G3?	S2(WY)
Myriophyllum verticillatum	Whorled Water-milfoil	Species of Special Concern		S1(WY)
Najas guadalupensis	Guadalupe Water-nymph	Species of Special Concern		S1
Nama densum	Nama	Species of Special Concern		S1
Nothocalais troximoides	Weevil False-dandelion	Species of Special Concern	G5	S1(WY)
Nuttallanthus texanus	Blue Toadflax	Species of Special Concern		S1
Nymphaea tetragona	Pygmy Water-lily	Species of Special Concern		S1
Nymphaea tetragona ssp leibergii		Species of Special Concern		S1
Oenothera pallida var idahoensis	Pale Evening-primrose	Species of Special Concern	G5T4Q	S1
Ophioglossum pusillum	Adder's Tongue	Species of Special Concern		S2
Orobanche corymbosa var corymbosa	Flat-top Broomrape	Species of Special Concern		S1(WY)
Orogenia fusiformis	Tapered-root Orogenia	Species of Special Concern		S2
Oxytheca dendroidea	Tree-like Oxytheca	Species of Special Concern		SH(WY)
Oxytropis campestris var columbiana	Columbia Crazyweed	Species of Special Concern		S1
Oxytropis deflexa var foliolosa	Pendent-pod Crazyweed	Species of Special Concern		S1
Oxytropis parryi	Parry's Crazyweed	Species of Special Concern		S1
Oxytropis podocarpa	Stalked-pod Crazyweed	Species of Special Concern		S1
Papaver kluanensis	Alpine Poppy	Species of Special Concern		S1(MT);S2(WY)
Parrya nudicaulis	Naked-stemmed Parrya	Species of Special Concern		S2(WY)
Pedicularis contorta var ctenophora	Coil-beaked Lousewort	Species of Special Concern		S2(WY)
Pedicularis oederi	Oeder's Lousewort	Species of Special Concern		S1(WY)
Pedicularis parryi ssp mogollonica	Mogollon Lousewort	Species of Special Concern	G5T2Q	S1(WY)

Pedicularis pulchella	Mountain Lousewort	Species of Special Concern	G3	S2(WY)
Pellaea glabella	Smooth Cliffbrake	Species of Special Concern		S4(ND)
Penstemon absarokensis	Absaroka Beardtongue	Species of Special Concern	G2	S2(WY)
Penstemon angustifolius	Narrowleaf Penstemon	Species of Special Concern		S2
Penstemon attenuatus var militaris	Taper-leaved Beardtongue	Species of Special Concern		S1
Penstemon globosus	Globe Beardtongue	Species of Special Concern		S2
Penstemon grandiflorus	Large Flowered Beardtongue	Species of Special Concern	G5?	S1
Penstemon lemhiensis	Lemhi Beardtongue	Species of Special Concern	G3	S2
Penstemon payettensis	Payette Beardtongue	Species of Special Concern		S1
Penstemon paysoniorum	Payson Beardtongue	Species of Special Concern	G3	S3(WY)
Penstemon whippleanus	Whipple's Beardtongue	Species of Special Concern	G5	S1
Petasites frigidus var nivalis	Palmate-leaved Coltsfoot	Species of Special Concern	G5T?	S1
Phacelia incana	Hoary Phacelia	Species of Special Concern		S2
Phacelia scopulina	Dwarf Phacelia	Species of Special Concern	G4	SH
Phacelia thermalis	Hot Spring Phacelia	Species of Special Concern	G3G4	S1
Phippsia algida	Ice Grass	Species of Special Concern	G5	S2(MT);S1(WY)
Phlox alyssifolia	Alyssum-leaved Phlox	Species of Special Concern	G5	S1S2(ND)
Phlox andicola	Plains Phlox	Species of Special Concern	G4	S2
Phlox kelseyi var missoulensis	Missoula Phlox	Species of Special Concern	G2	S2
Phlox pungens	Beaver Rim Phlox	Species of Special Concern	G2	S2(WY)
Physaria brassicoides	Double Bladderpod	Species of Special Concern	G5	S1
Physaria didymocarpa var lanata	Woolly Twinpod	Species of Special Concern		SU
Physaria lanata	Wooly Twinpod	Species of Special Concern		S2(WY)
Physaria saximontana var saximontana	Rocky Mountain Twinpod	Species of Special Concern		S2(WY)
Plagiobothrys leptocladus	Slender-branched Popcorn-flower	Species of Special Concern	G4	S1
Poa curta	Short-leaved Bluegrass	Species of Special Concern		S1
Poa laxa ssp banffiana	Banff Loose-flowered Bluegrass	Species of Special Concern	G5?T1	S1
Polygonum douglasii ssp austinae	Austin's Knotweed	Species of Special Concern	G5T4	S2S3
Polystichum kruckebergii	Kruckeberg's Sword-fern	Species of Special Concern	G4	S1
Polystichum scopulinum	Mountain Holly-fern	Species of Special Concern		S1
Potamogeton amplifolius	Large-leaf Pondweed	Species of Special Concern		S1(WY)
Potamogeton obtusifolius	Blunt-leaved Pondweed	Species of Special Concern		S2
Potamogeton robbinsii	Flatleaf Pondweed	Species of Special Concern		S1(WY)
Potamogeton strictifolius	Strict-leaved Pondweed	Species of Special Concern		S1(WY)
Potentilla brevifolia	Short-leaved Cinquefoil	Species of Special Concern		S1
Potentilla hyparctica	Low Arctic Cinquefoil	Species of Special Concern		S1(MT);S1(WY)
Potentilla plattensis	Platte Cinquefoil	Species of Special Concern		S1
Potentilla quinquefolia	Five-leaf Cinquefoil	Species of Special Concern		S2
Potentilla subjuga	Twinleaf Cinquefoil	Species of Special Concern		S2(WY)
Potentilla uniflora	One-flowered Cinquefoil	Species of Special Concern		S1(MT);S1(WY)
Primula alcalina	Idaho Primrose	Species of Special Concern		SX
Primula incana	Mealy Primrose	Species of Special Concern	G4G5	S2(MT);S1S2(ND)

Prunus pumila	Sand Cherry	Species of Special Concern	G5	S1
Psilocarphus brevissimus var brevissimus	Dwarf Woolly-heads	Species of Special Concern		S2
Psoralea hypogaea	Little Indian Breadroot	Species of Special Concern		S2
Puccinellia cusickii	Cusick's Alkali-grass	Species of Special Concern		S1(WY)
Puccinellia lemmonii	Lemmon's Alkaligrass	Species of Special Concern		S1
Pyrrocoma clementis	Tranquil Goldenweed	Species of Special Concern		S1(WY)
Pyrrocoma integrifolia	Entire-leaf Goldenweed	Species of Special Concern	G4	S1(WY)
Quercus macrocarpa	Bur Oak	Species of Special Concern	G5	S1
Ranunculus cardiophyllus	Heart-leaved Buttercup	Species of Special Concern		S2
Ranunculus gelidus	Arctic Buttercup	Species of Special Concern		S1
Ranunculus hyperboreus	High-arctic Buttercup	Species of Special Concern	G5	S1
Ranunculus jovis	Jove's Buttercup	Species of Special Concern	G4	S2
Ranunculus orthorhynchus var platyphyllus	Straightbeak Buttercup	Species of Special Concern		S1
Ranunculus pedatifidus	Northern Buttercup	Species of Special Concern	G5	S1
Ranunculus verecundus	Timberline Buttercup	Species of Special Concern	G5	S2(MT);S1(WY)
Ribes cognatum	Shinyleaf Gooseberry	Species of Special Concern	G4Q	S1
Ribes laxiflorum	Trailing Black Currant	Species of Special Concern	G5	S1
Ribes triste	Swamp Red Currant	Species of Special Concern	G5	S1
Ribes velutinum	Desert Goosebery	Species of Special Concern	G5	S1
Rorippa calycina	Persistent-sepal Yellow-cress	Species of Special Concern	G3	S1(MT);SH(ND);S3(WY)
Rotala ramosior	Toothcup	Species of Special Concern		S1
Rubus acaulis	Nagoonberry	Species of Special Concern	G5	S1(WY)
Sagina nivalis	Arctic Pearlwort	Species of Special Concern	G5	S1
Salix barrattiana	Barratt's Willow	Species of Special Concern	G5	S1(MT);S1(WY)
Salix candida	Hoary Willow	Species of Special Concern	G5	S2(WY)
Salix eriocephala var mackenzieana	Mackenzie's Willow	Species of Special Concern	G5T4	S1(WY)
Salix farriae	Farr's Willow	Species of Special Concern	G4	S1S2(WY)
Salix serissima	Autumn Willow	Species of Special Concern	G4	S2
Salix wolfii var wolfii	Wolf's Willow	Species of Special Concern	G5?T4	S3
Sambucus canadensis	Common Elderberry	Species of Special Concern		S1(WY)
Sambucus cerulea var cerulea	Blue Elderberry	Species of Special Concern	G5?	S1(WY)
Sanicula graveolens	Sierra Sanicle	Species of Special Concern	G4	S1(WY)
Satureja douglasii	Yerba Buena	Species of Special Concern	G4	S2
Saussurea densa	Dwarf Saw-wort	Species of Special Concern		S2
Saussurea weberi	Weber's Saw-wort	Species of Special Concern		S1(MT);S2(WY)
Saxifraga apetala	Tiny Swamp Saxifrage	Species of Special Concern		S2
Saxifraga hirculus	Yellow Marsh Saxifrage	Species of Special Concern		S1
Saxifraga tempestiva	Storm Saxifrage	Species of Special Concern		S2
Scheuchzeria palustris	Pod Grass	Species of Special Concern		S2
Scirpus atrocinctus	Cottongrass Bulrush	Species of Special Concern		S1(WY)
Scirpus cespitosus	Tufted Club-rush	Species of Special Concern		S2
Scirpus heterochaetus	Slender Bulrush	Species of Special Concern	G5	S1(MT);S1(WY)

Scirpus hudsonianus	Hudson's Bay Bulrush		Species of Special Concern	G5	S1
Scirpus nevadensis	Nevada Bulrush		Species of Special Concern		S1(WY)
Scirpus pumilus ssp rollandii	Small Clubrush		Species of Special Concern		S1
Scirpus rollandii	Rolland Bulrush		Species of Special Concern		S1(WY)
Scirpus subterminalis	Water Bulrush		Species of Special Concern		S2
Scolochloa festucacea	Sprangle-top		Species of Special Concern		SH(WY)
Sedum stenopetalum	Narrow-petal Stonecrop		Species of Special Concern	G4G5	S1(WY)
Selaginella selaginoides	Low Spike-moss		Species of Special Concern	G5	S2
Selaginella watsonii	Watson's Spike-moss		Species of Special Concern		S1(WY)
Senecio amplectens var holmii	Clasping Groundsel		Species of Special Concern	G4T?	S1
Senecio eremophilus var eremophilus	Desert Groundsel		Species of Special Concern	G5T5	S1
Senecio fuscatus	Twice-hairy Groundsel		Species of Special Concern	G4	S2(WY)
Senecio indecorus	Plains Ragwort		Species of Special Concern	G5	S1(WY)
Senecio pauciflorus	Few-flowered Butterweed		Species of Special Concern	G4G5	S1
Shoshonea pulvinata	Shoshonea		Species of Special Concern	G2G3	S1(MT);S2(WY)
Sidalcea oregana	Oregon Checker-mallow		Species of Special Concern	G5	S1
Silene kingii	King's Campion		Species of Special Concern	G2G4Q	S1(WY)
Silene repens var australis	Creeping Campion		Species of Special Concern		S1(WY)
Silene spaldingii	Spalding's Campion	P	Species of Special Concern	G2	S1
Sisyrinchium septentrionale	Blue-eyed Grass		Species of Special Concern	G3G4	S1
Solidago ptarmicoides	Prairie Aster		Species of Special Concern	G5	S1
Solidago sparsiflora	Few-flowered Goldenrod		Species of Special Concern	G?	S1
Sparganium eurycarpum	Large Bur-reed		Species of Special Concern		S1(WY)
Sparganium minimum	Small Bur-reed		Species of Special Concern		S1(WY)
Sphaeralcea munroana	White-stemmed Globe-mallow		Species of Special Concern		S1
Sphaeromeria argentea	Chicken Sage		Species of Special Concern		S2
Sphenopholis intermedia	Slender Wedgegrass		Species of Special Concern		SH
Spiranthes diluvialis	Ute Ladies' Tresses	LT	Species of Special Concern		S2
Sporobolus asper	Longleaf Dropseed		Species of Special Concern		SH
Sporobolus neglectus	Small Dropseed		Species of Special Concern		SU(MT);S1(WY)
Stellaria crassifolia	Fleshy Stitchwort		Species of Special Concern		S1
Stellaria jamesiana	James Stitchwort		Species of Special Concern		S1
Stephanomeria spinosa	Spiny Skeletonweed		Species of Special Concern		S1
Stipa lettermanii	Letterman's Needlegrass		Species of Special Concern		S1
Suckleya suckleyana	Poison Suckleya		Species of Special Concern		SU
Sullivantia hapemanii var hapemanii	Wyoming Sullivantia		Species of Special Concern		S2(MT);S3(WY)
Talinum parviflorum	Small-flowered Flame		Species of Special Concern		S1(WY)
Taraxacum eriophorum	Rocky Mountain Dandelion		Species of Special Concern		S2
Thalictrum alpinum	Alpine Meadowrue		Species of Special Concern		S2
Thelesperma sudnudum var. marginatum	Greenthread		Species of Special Concern		S2S3(ND)
Thelypodium paniculatum	Northwestern Thelypody		Species of Special Concern		SH
Thelypodium sagittatum ssp sagittatum	Slender Thelypody		Species of Special Concern	G4T?	S2

Thelypteris phegopteris	Northern Beechfern	Species of Special Concern G5	S2
Thlaspi parviflorum	Small-flowered Pennycress	Species of Special Concern G3	S2 S2
Tofieldia pusilla	Small Tofieldia	Species of Special Concern G5	S2
Townsendia condensata	Cushion Townsendia	Species of Special Concern G4	S2
Townsendia condensata var anomala	North Fork Easter Daisy	Species of Special Concern G4T2	S2(WY)
Townsendia florifer	Showy Townsendia	Species of Special Concern G5	S1(MT);SH(WY)
Trifolium cyathiferum	Cup Clover	Species of Special Concern G4	S1
Trifolium eriocephalum ssp arcuatum	Woolly-head Clover	Species of Special Concern G4T3?	S2
Trifolium haydenii	Hayden Clover	Species of Special Concern G1	S1(WY)
Trifolium gymnocarpon	Hollyleaf Clover	Species of Special Concern G4	S2
Triodanis leptocarpa	Slim-Pod Venus' Looking-glass	Species of Special Concern G5?	S1(WY)
Utricularia intermedia	Flat-leaved Bladderwort	Species of Special Concern G5	S1
Utricularia minor	Lesser Bladderwort	Species of Special Concern G5	S2(WY)
Vaccinium myrtilloides	Velvetleaf Blueberry	Species of Special Concern G5	S1
Vaccinium myrtillus var oreophilum	Dwarf Bilberry	Species of Special Concern G5T?	S1(WY)
Veratrum californicum	California False-hellebore	Species of Special Concern G5	S1
Viburnum edula	Squashberry	Species of Special Concern G5	S1(WY)
Viburnum lentago	Nannyberry	Species of Special Concern G5	S1
Viguiera multiflora	Many-flowered Viguiera	Species of Special Concern G4G5	S1
Viola renifolia	Kidney-leaf White Violet	Species of Special Concern G5	S3
Waldsteinia idahoensis	Idaho Barren Strawberry	Species of Special Concern G3	S1
Wolffia columbiana	Columbia Water-meal	Species of Special Concern G5	S2
Zizia aurea	Golden Alexanders	Species of Special Concern G5	SH
		· • • • • • • • • • • • • • • • • • • •	
Non-Vascular Plants			
Aloina brevirostris		Species of Special Concern G3G5	SH
Amblyodon dealbatus		Species of Special Concern G3G5	SH
Bartramia stricta		Species of Special Concern G?	S1
Brachythecium reflexum		Species of Special Concern G4G5	SH
Brachythecium turgidum		Species of Special Concern G4	S1
Bryum calobryoides		Species of Special Concern G3	SH
Bryum calophyllum		Species of Special Concern G?	SH
Bryum dichotomum		Species of Special Concern G5?	S1
Bryum lonchocaulon		Species of Special Concern G?	S1
Bryum pallens		Species of Special Concern G4G5	S1
Bryum schleicheri		Species of Special Concern G?	S1
Callicladium haldanianum		Species of Special Concern G5	SH
Calliergon richardsonii		Species of Special Concern G3	S1
Calliergon trifarium		Species of Special Concern G4	S1
Calliergonella cuspidata		Species of Special Concern G5	S1
Catoscopium nigritum		Species of Special Concern G4G5	S1
Cinclidium stygium		Species of Special Concern G5	S1

Crumia latifolia	Species of Special Concern G3	S1
Cynodontium tenellum	Species of Special Concern G?	SH
Dendroalsia abietina	Species of Special Concern G4	SH
Desmatodon cernuus	Species of Special Concern G3G5	SH
Desmatodon heimii	Species of Special Concern G5	S1
Dichodontium olympicum	Species of Special Concern G?	S1
Dicranella grevilleana	Species of Special Concern G?	S1
Dicranella heteromalla	Species of Special Concern G?	S1
Dicranoweisia cirrata	Species of Special Concern G4	S1
Dicranum acutifolium	Species of Special Concern G?	S1
Dicranum fragilifolium	Species of Special Concern G4G5	S1
Dicranum spadiceum	Species of Special Concern G?	S1
Didymodon fallax var reflexus	Species of Special Concern G5T5?	S1
Didymodon rigidulus var gracilis	Species of Special Concern G5T5?	S1
Didymodon vinealis var brachyphyllus	Species of Special Concern G5T?	S1
Distichium inclinatum	Species of Special Concern G4G5	S1
Entosthodon rubiginosus	Species of Special Concern G2G3	SH
Eucladium verticillatum	Species of Special Concern G4	S1
Eurhynchium pulchellum var barnesii	Species of Special Concern G5T?	S1
Fabronia pusilla	Species of Special Concern G5?	S1
Fissidens fontanus	Species of Special Concern G5	S1
Funaria americana	Species of Special Concern G2G3	SH
Grimmia brittoniae	Species of Special Concern G1	S1
Grimmia incurva	Species of Special Concern G4G5	S1
Grimmia mollis	Species of Special Concern G3G5	S1
Herzogiella striatella	Species of Special Concern G4G5	S1
Herzogiella turfacea	Species of Special Concern G4G5	S1
Hygroamblystegium noterophilum	Species of Special Concern G4	S1
Hygrohypnum cochlearifolium	Species of Special Concern G?	S1
Hypnum callichroum	Species of Special Concern G?	S1
Kiaeria blyttii	Species of Special Concern G5	S1
Kiaeria falcata	Species of Special Concern G5	S1
Kiaeria starkei	Species of Special Concern G5	S1
Leucolepis acanthoneuron	Species of Special Concern G4	S1
Meesia longiseta	Species of Special Concern G3G4	S1
Meesia triquetra	Species of Special Concern G5	S1
Meesia uliginosa	Species of Special Concern G4	S1
Mielichhoferia macrocarpa	Species of Special Concern G2?	S1
Myurella tenerrima	Species of Special Concern G3?	S1
Neckera douglasii	Species of Special Concern G4	S1
Neckera pennata	Species of Special Concern G5	S1
Oligotrichum aligerum	Species of Special Concern G5	S1

Orthotrichum praemorsum	Species of Special Concern G	?  S1	
Oxystegus tenuirostris	Species of Special Concern G		
Paludella squarrosa	Species of Special Concern G		
Paraleucobryum enerve	Species of Special Concern G		
Paraleucobryum longifolium	Species of Special Concern G		
Phascum cuspidatum	Species of Special Concern G		
Physcomitrium hookeri	Species of Special Concern G		
Physcomitrium pyriforme	Species of Special Concern G		
Plagiobryum demissum	Species of Special Concern G		
Plagiobryum zieri	Species of Special Concern G	3G4 S1	
Platyhypnidium riparioides	Species of Special Concern G		
Pohlia drummondii	Species of Special Concern G		
Pohlia obtusifolia	Species of Special Concern G		
Pohlia vexans	Species of Special Concern G		
Polytrichum lyallii	Species of Special Concern G		
Porotrichum bigelovii	Species of Special Concern G		
Pseudocalliergon turgescens	Species of Special Concern G	3G5 S1	
Pseudocrossidium obtusulum	Species of Special Concern G		
Pterygoneurum lamellatum	Species of Special Concern G		
Pterygoneurum subsessile	Species of Special Concern G	4? S1	
Ptychomitrium gardneri	Species of Special Concern G		
Racomitrium aquaticum	Species of Special Concern G	? S1	
Racomitrium brevipes	Species of Special Concern G	? S1	
Racomitrium pygmaeum	Species of Special Concern G	? S1	
Sarmenthypnum sarmentosum	Species of Special Concern G	4G5 S1	
Schistostega pennata	Species of Special Concern G	4 S1	
Scorpidium scorpioides	Species of Special Concern G		
Seligeria donniana	Species of Special Concern G	4G5 S1	
Sphagnum centrale	Species of Special Concern G.		
Sphagnum compactum	Species of Special Concern G		
Sphagnum contortum	Species of Special Concern G.	5 S1	
Sphagnum fallax	Species of Special Concern G		
Sphagnum fimbriatum	Species of Special Concern G.		
Sphagnum girgensohnii	Species of Special Concern G		
Sphagnum magellanicum	Species of Special Concern G.	5 S1	
Sphagnum mendocinum	Species of Special Concern G		
Sphagnum platyphyllum	Species of Special Concern G.		
Sphagnum riparium	Species of Special Concern G.		
Sphagnum subnitens	Species of Special Concern G.		
Sphagnum wulfianum	Species of Special Concern G.		
Stegonia latifolia	Species of Special Concern G		
Tayloria acuminata	Species of Special Concern G	3G4 SH	

Tayloria lingulata		Species of Special Concern	G3G5	S1
Tayloria serrata		Species of Special Concern	G3G3	S1
Tetraplodon angustatus		Species of Special Concern	G3?	S1
Thamnobryum neckeroides		Species of Special Concern	<b>G</b> ?	SH
Tortula bartramii		Species of Special Concern	G2G4	S1
Tortula caninervis		Species of Special Concern	G2G+	S1
Tortula muralis		Species of Special Concern		S1
Tortula norvegica		Species of Special Concern	G5	S1
Tortula papillosa		Species of Special Concern	G5	S1
Trachybryum megaptilum		Species of Special Concern	G4	S1
Warnstorfia exannulata		Species of Special Concern		S1
Bryoria subdivergens		Species of Special Concern		S1
Cetraria subalpina		Species of Special Concern	G2G3	S1
Collema curtisporum		Species of Special Concern		S1
Conema curusporum		species of special Concern	O1	51
Watch Species				
Vascular Plants				
Achillea sibirica	Siberian Yarrow	Watch Species	G5?	SU
Acorus americanus	Sweetflag		G5	SU
Agastache foeniculum	Lavendar Hyssop		G4G5	SU
Agoseris lackschewitzii	Pink Agoseris		G4Q3	S3(MT);S3(WY)
Agrimonia gryposepala	Tall Hairy Groovebur		G5	SU(MT);S1(WY)
Agrostis borealis	Northern Bentgrass		G5	SU SU
Amaranthus californicus	California Amaranth		G3 G4	SA
Ambrosia acanthicarpa	Flat-spine Bursage		G5	S4
Ambrosia tomentosa	Skeleton-leaf Bursage		G4	SU
Amsinckia lycopsoides	Bugloss Fiddle-neck		G?	SA
Antennaria aromatica	Aromatic Everlasting		G3G4	S3S4(MT);S2(WY)
Antennaria neodioica ssp neodioica	Northern Pussytoes		G4G5T?	SU SU
Antennaria pulcherrima	Showy Pussy-toes	L	G4G51 ?	SU
Arabis sparsiflora var columbiana	Elegant Columbian Rockcress		G5TU	SU
Arabis sparsiflora var subvillosa	Elegant Columbian Rockcless	1	G5T?	SU
Artanis sparsitiora var subvittosa Artemisia longiloba	Alkali Sagebrush		G5T4	SR
		1	G2 G314	S2(WY)
Artemisia porteri Artemisia tilesii ssp unalaschcensis	Porter's Sagebrush	•	G5T3T4	SU SU
Aster foliaceus var lyallii	Aleutian Mugwort		G31314 G3?	SR
· · · · · · · · · · · · · · · · · · ·	D 11144	1		
Aster simplex var ramosissimus	Panicled Aster		G5T?	SU S252(AUD)
Astragalus australis	Indian Milkvetch	<u> </u>	G5	S2S3(ND)
Astragalus chamaeleuce	Ground Milkvetch		G5	S3
Astragalus kentrophyta var kentrophyta	C 1 211 NC11 1 1		G5T4	S3
Astragalus lentiginosus var salinus	Sodaville Milk-vetch		G5T5	S3
Astragalus leptaleus	Park Milkvetch	Watch Species	G4	S3

Astragalus miser var crispatus	A Milk-vetch	Watch Species	G5T3?	SU
Astragalus platytropis	Broad-keeled Milkvetch	Watch Species	G5	S3
Astragalus racemosus var racemosus		Watch Species	G5T5	SU
Bidens comosa	Threelobed Beggarticks	Watch Species	G5	SU
Bidens frondosa	33	Watch Species	G5	SU
Bidens vulgata var schizantha	Tall Bur-marigold	Watch Species	G5T?	SU
Botrychium minganense	Mingan Island Moonwort	Watch Species	G4	S3
Botrychium sp 2		Watch Species	G?	SU
Botrychium sp 3		Watch Species	G?	SU
Botrychium sp 4		Watch Species	G?	SU
Botrychium sp 5		Watch Species	G?	SU
Botrychium x watertonense	Waterton Moonwort	Watch Species	HYB	НҮВ
Calamagrostis koelerioides	Dense Pine Reed-grass	Watch Species	G5	SU
Calamagrostis scopulorum	Ditch Reed-grass	Watch Species	G5	SU
Calamagrostis tweedyi	Cascade Reedgrass	Watch Species	G2G3	S3
Camissonia tanacetifolia	Tansy-leaf Suncup	Watch Species	G5	SU
Cardamine rupicola	Cliff Toothwort	Watch Species	G3	S3
Carex aenea	Bronze Sedge	Watch Species	G5	SU
Carex brunnescens		Watch Species	G5	SU
Carex chalciolepis	Copper-scale Sedge	Watch Species	G5T?	SU
Carex ebenea	Ebony Sedge	Watch Species	G5	SU
Carex eburnea	Ivory Sedge	Watch Species	G5	SU
Carex jonesii	Jones' Sedge	Watch Species	G5	SU
Carex lacustris	Lake-bank Sedge	Watch Species	G5	SU
Carex luzulina var atropurpurea	Black And Purple Sedge	Watch Species	G5T3	SU
Carex microglochin	A Sedge	Watch Species	G5?	SU
Carex misandra	Short-leaf Sedge	Watch Species	G5	S3
Carex nelsonii	Nelson's Sedge	Watch Species	G3?	SU
Carex neurophora	Alpine Nerved Sedge	Watch Species	G4	S3
Carex pelocarpa		Watch Species	G4?	SU
Carex straminiformis	Mt. Shasta Sedge	Watch Species	G4	SU
Carex torreyi	Torrey's Sedge	Watch Species	G4	S3
Castilleja crista-galli	Greater Red Indian Paintbrush	Watch Species	G3?	SU
Castilleja nivea	Snow Indian Paintbrush	Watch Species	G3	SU
Castilleja pilosa var longispica	Parrot-head Indian Paintbrush	Watch Species	G4?T4	S3
Castilleja rustica	Rustic Indian Paintbrush	Watch Species	G4G5T3T4	S3
Chrysothamnus linifolius	Lineleaf Rabbitbrush	Watch Species	G5	S3
Cirsium pulcherrimum		Watch Species	G5	SU
Claytonia cordifolia	Heart-leaf Springbeauty	Watch Species	G5	SU
Collomia debilis var camporum		Watch Species	G5T3	SU
Conimitella williamsii		Watch Species	G3	SU
Cordylanthus capitatus	Yakima Bird's-beak	Watch Species	G4	SU

Cryptantha flavoculata	Pale Yellow Cryptantha	Watch Species	G5	S3
Cryptantha humilis	Cryptantha	Watch Species	G4?	SU
Cryptogramma cascadensis		Watch Species	G5	SU
Cuscuta pentagona var pentagona		Watch Species	G5T5	SU
Cymopterus hendersonii	Henderson's Pteryxia	Watch Species	G5	S1
Cypripedium x columbianum	·	Watch Species	HYB	НҮВ
Delphinium bicolor ssp calcicola	Limestone Larkspur	Watch Species	G4G5T3	S3
Delphinium burkei	Meadow Larkspur	Watch Species	G4	SU
Delphinium geyeri	Geyer's Larkspur	Watch Species	G5	SU
Draba daviesiae	Bitterroot Draba	Watch Species	G3	S3
Draba lonchocarpa var exigua	Lance-pod Whitlowgrass	Watch Species	G4T3?	SU
Draba sp 1	Undescribed Draba	Watch Species	G3G4	S3
Elatine americana	American Water-wort	Watch Species	G4	SU
Eleocharis bella	Delicate Spikerush	Watch Species	G5	SU
Eleocharis flavescens	Pale Spikerush	Watch Species	G5	SU
Eleocharis xyridiformis	Creeping Spike-rush	Watch Species	G4Q	SU
Equisetum x ferrissii	Horsetail (hybrid)	Watch Species	HYB	НҮВ
Equisetum x trachyodon	Horsetail (hybrid)	Watch Species	HYB	НҮВ
Erigeron allocotus	Big Horn Fleabane	Watch Species	G3	S3
Erigeron coulteri	Coulter Fleabane	Watch Species	G5	SU(MT);S2(WY)
Erigeron flabellifolius	Fan-leaved Fleabane	Watch Species	G3	S3
Erigeron flagellaris	Running Fleabane	Watch Species	G5	SU
Eriogonum capistratum var muhlickii	Muhlick's Buckwheat	Watch Species	G4T?	S3
Eriogonum chrysocephalum	A Wild-buckwheat	Watch Species	GUQ	SU
Eriogonum lagopus	Rabbit Buckwheat	Watch Species	G3	S3
Eriogonum umbellatum var aureum	A Wild-buckwheat	Watch Species	G5TU	SU
Eriophorum scheuchzeri	Scheuchzer Cotton-grass	Watch Species	G5	SU(MT);S1(WY)
Eriophorum viridicarinatum	Green-keeled Cottonsedge	Watch Species	G5	S3(MT);S1(WY)
Euthamia graminifolia		Watch Species	G5	SU
Evax prolifera	Big-head Evax	Watch Species	G5	SU
Floerkea proserpinacoides		Watch Species	G5	SU
Galium cymosum	Pacific Bedstraw	Watch Species	G?	SU
Gentiana aquatica	Wet Meadow Gentian	Watch Species	G4	S3
Gentiana prostrata	Pygmy Gentian	Watch Species	G5	SU
Gentianella tenella	Slender Gentian	Watch Species	G4G5	SU
Geum canadense	White Avens	Watch Species	G5	SU
Geum rossii var rossii	Ross Avens	Watch Species	G5T5	SU
Gilia inconspicua	Shy Gilia	Watch Species	G5	S3
Gnaphalium purpureum var purpureum	Purple Cudweed	Watch Species	G5TU	SA
Grindelia nana var integrifolia	Low Gumweed	Watch Species	G5T4	SU
Halenia deflexa ssp deflexa	Spurred Gentian	Watch Species	G5TU	S3
Halimolobos virgata	Twiggy Halimolobos	Watch Species	G4	S3

Haplopappus multicaulis	Many-stem Goldenweed	Watch Species	G4	S2S3
Helenium hoopesii	Orange Sneezeweed	Watch Species	G5	SU
Heterotheca villosa var depressa	Low Golden Aster	Watch Species	G5T3	SU
Hierochloe alpina	Alpine Sweet Grass	Watch Species	G5	SU
Hierochloe odorata		Watch Species	G5	S3
Huperzia haleakalae	Haleakalae Fir-clubmoss	Watch Species	G4?	SU
Hymenopappus filifolius var idahoensis	Idaho Hymenopappus	Watch Species	G5T4	SU
Hymenopappus filifolius var luteus	Yellowish Hymenopappus	Watch Species	G5T?	SU
Impatiens aurella		Watch Species	G4?	SU
Impatiens ecalcarata		Watch Species	G3G4	S3
Ipomopsis congesta ssp pseudotypica	Wyoming Ipomopsis	Watch Species	G5T?	S2S3
Isoetes lacustris	Western Quillwort	Watch Species	G5	SU
Isoetes nuttallii	Nuttall Quillwort	Watch Species	G4?	SU
Juncus interior	Inland Rush	Watch Species	G4G5	SU
Juncus triglumis	Three-flowered Rush	Watch Species	G5	SU
Juncus tweedyi	Tweedy's Rush	Watch Species	G3Q	SU
Juncus vaseyi		Watch Species	G5?	SU
Lemna minuta	Least Duckweed	Watch Species	G4	SU
Lemna valdiviana	Pale Duckweed	Watch Species	G5	SU
Ligusticum porteri	Porter's Lovage	Watch Species	G4G5	SU
Ligusticum verticillatum	Idaho Lovage	Watch Species	G4G5	S2S3
Lilium columbianum	Columbia Lily	Watch Species	G4G5	SU
Lilium philadelphicum		Watch Species	G5	S3
Lobelia kalmii		Watch Species	G5	SU
Lomatium farinosum	Coeur D'alene Desert-parsley	Watch Species	G4G5	SU
Madia minima	Small-headed Tarweed	Watch Species	G4	S3
Mimulus suksdorfii	Suksdorf Monkeyflower	Watch Species	G4	S3S4
Mirabilis hirsuta	Hairy Four-o'clock	Watch Species	G5	S3
Muhlenbergia montana	Mountain Muhly	Watch Species	G5	SU
Myosotis verna	Early Forget-me-not	Watch Species	G5	S3
Navarretia divaricata	Mountain Navarretia	Watch Species	G5	SU
Oenothera elata ssp hirsutissima	Hairy Primrose	Watch Species	G5T?	SU
Oryzopsis contracta	Contracted Indian Ricegrass	Watch Species	G3G4	S3
Oxalis stricta	Upright Yellow Wood-sorrel	Watch Species	G5	SA
Oxytropis lagopus var conjugens	Rabbit-foot Crazyweed	Watch Species	G4T3	<b>S</b> 3
Oxytropis nana var fallax		Watch Species		SU
Papaver pygmaeum	Alpine Glacier Poppy	Watch Species	G3	S3
Pedicularis contorta var rubicunda	Coil-beaked Lousewort	Watch Species	G5T2	S3
Pediocactus simpsonii	Simpson's Hedgehog Cactus	Watch Species	G4	S3
Penstemon caryi	Cary's Beardtongue	Watch Species	G3G4	S3(MT);S1(WY)
Penstemon flavescens	Yellow Beardtongue	Watch Species	G3	<b>S</b> 3
Penstemon laricifolius	Larch-leaf Beardtongue	Watch Species	G4	<b>S</b> 3

Penstemon montanus var idahoensis	Idaho Mountain Beardtongue	Watch Species	G5T?	SU
Physalis hederifolia var comata	Prairie Ground Cherry	Watch Species	G5?T4?	SU
Physalis pumila	Dwarf Groundberry	Watch Species	G5	SU
Physaria saximontana var dentata	Rocky Mountain Twinpod	Watch Species	G3T3	S3
Platyschkuhria integrifolia var integrifolia		Watch Species	G5T?	S4
Poa macroclada		Watch Species	G3?Q	SU
Polygonum polygaloides	White-margined Knotweed	Watch Species	G4G5	SU
Potentilla concinna var macounii	Macoun's Early Cinquefoil	Watch Species	G2?	SU
Rubus arcticus		Watch Species	G5	SU
Salix petiolaris		Watch Species	G5	SU
Saxifraga subapetala		Watch Species	G3G4Q	SU
Scirpus pendulus	Pendulous Bulrush	Watch Species	G5	SU
Selaginella densa var standleyi	Standley's Compact Selaginella	Watch Species	G5TU	SU
Senecio congestus	Marsh Flea-bane	Watch Species	G5	SU
Senecio debilis	Rocky Mountain Ragwort	Watch Species	G3G4	S3
Senecio hyperborealis	Boreal Groundsel	Watch Species	G5	SU
Sparganium androcladum	Branching Bur-reed	Watch Species	G4G5	SU
Sphaeromeria capitata	Rock-tansy	Watch Species	G3	S2S3
Spiraea x pyramidata	Pyramidal Spiraea	Watch Species	HYB	НҮВ
Sporobolus vaginiflorus	Sheathed Dropseed	Watch Species	G5	SU
Stanleya tomentosa	Hairy Prince-plume	Watch Species	G4T3	S3(MT);S2(WY)
Stipa lemmonii var lemmonii	Lemmon's Needglegrass	Watch Species	G5T?	SU
Stipa thurberiana	Thurber's Needlegrass	Watch Species	G5	SA
Synthyris canbyi	Mission Mountain Kittentails	Watch Species	G3	S3
Synthyris missurica	Western Mountain Synthyris	Watch Species	G4	S1
Teucrium canadense		Watch Species	G5	SU
Thelesperma megapotamicum		Watch Species	G5	SU
Tillaea aquatica	Water Pigmy-weed	Watch Species	G5	SU
Townsendia leptotes	Slender Townsendia	Watch Species	G4	SU(MT);S1(WY)
Townsendia nuttallii	Nuttall Townsend-daisy	Watch Species	G3	S3
Townsendia spathulata	Sword Townsendia	Watch Species	G3	S3
Tradescantia bracteata	Bracted Spiderwort	Watch Species	G5	SU
Trisetum x orthochaetum	Missoula County Oats	Watch Species	HYB	НҮВ
Vaccinium ovalifolium	Oval-leaf Huckleberry	Watch Species	G5	SU
Verbena bipinnatifida	Dakota Vervain	Watch Species	G5	SU
Vernonia fasciculata ssp corymbosa	Fascicled Ironweed	Watch Species	G5T?	SU
Viburnum opulus	Guelder-rose Viburnum	Watch Species	G5	SU
Viola palustris		Watch Species	G5	SU
Viola pedatifida	Prairie Violet	Watch Species	G5	SU
Viola septentrionalis	Northern Blue Violet	Watch Species	G5	SU
Non-Vascular Plants				

Amphidium mougeotii	Watch Species	G5	S?
Barbula convoluta	Watch Species	G5	S?
Barbula eustegia	Watch Species	G3?	S?
Blindia acuta	Watch Species	G5	S?
Brachythecium leibergii	Watch Species	G?	S?
Brachythecium nelsonii	Watch Species	G?	S?
Brachythecium oxycladon	Watch Species	G5	S?
Brachythecium populeum	Watch Species	G5	S?
Bryum alpinum	Watch Species	G4G5	S?
Bryum arcticum	Watch Species	G?	S2
Bryum bicolor	Watch Species	G?	S?
Bryum cyclophyllum	Watch Species	G4G5	S?
Campylium polygamum	Watch Species	G5	S?
Claopodium crispifolium	Watch Species	G4	S?
Desmatodon obtusifolius	Watch Species	G5	S?
Dicranella palustris	Watch Species	G?	S?
Dicranella schreberiana	Watch Species	G5	S?
Dicranella subulata	Watch Species	G?	S?
Dicranum angustum	Watch Species	G?	S?
Fontinalis antipyretica	Watch Species	G5	S?
Grimmia laevigata	Watch Species	G5	S?
Hygrohypnum duriusculum	Watch Species	G?	S?
Hygrohypnum smithii	Watch Species	G3G5	S?
Hypnum procerrimum	Watch Species	G3G4	S?
Hypnum recurvatum	Watch Species	G3G5	S?
Limprichtia revolvens	Watch Species	G4G5	S2
Platygyrium repens	Watch Species	G5	S?
Polytrichum sexangulare	Watch Species	G4	S?
Racomitrium fasciculare	Watch Species	G5	S?
Racomitrium heterostichum	Watch Species	G5	S?
Racomitrium occidentale	Watch Species	G?	S?
Racomitrium varium	Watch Species	G?	S?
Schistidium agassizii	Watch Species	G3G5	S?
Sphagnum angustifolium	Watch Species	G5	S2
Sphagnum fuscum	Watch Species	G5	S2
Splachnum sphaericum	Watch Species	G3G5	SU
Steerecleus serrulatus	Watch Species	G5	S?
Timmia norvegica	Watch Species	G3G4	S?
Tortella inclinata	Watch Species	G4G5	S?
Tortella tortuosa	Watch Species	G5	S?
Trichodon cylindricus	Watch Species	G4G5	S?
* If no state is listed, MT is implied.			