

Information Systems & Services Update

Karen Coleman



Scott Blum



December 7, 2015

Dave Ratz



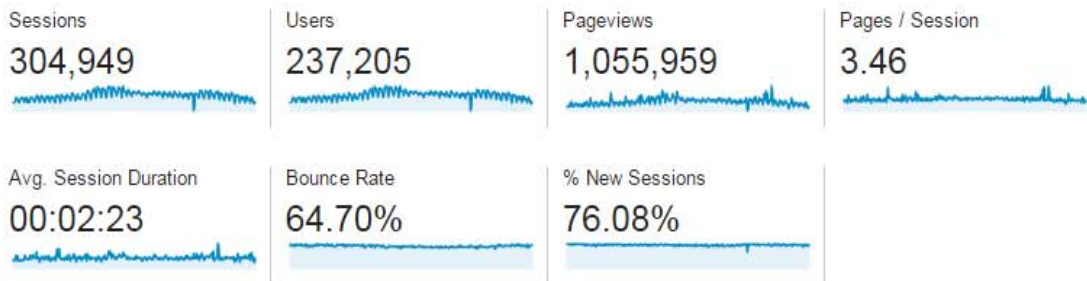
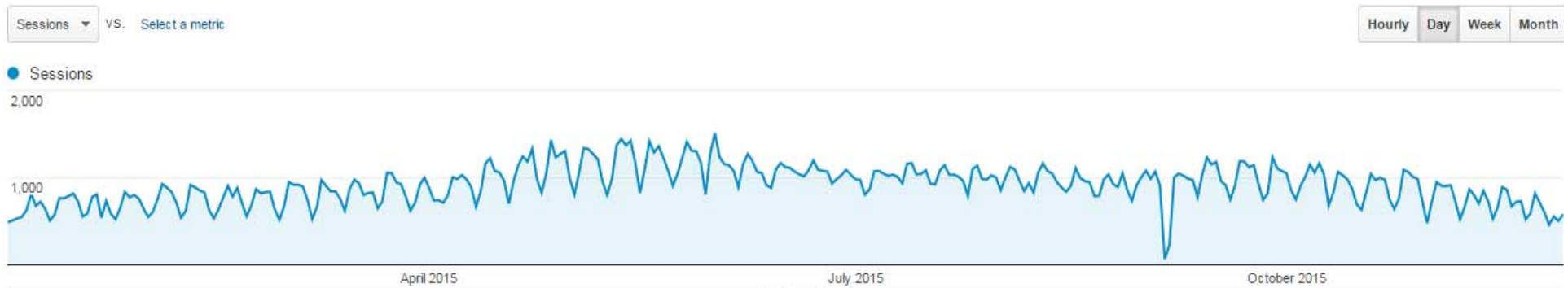
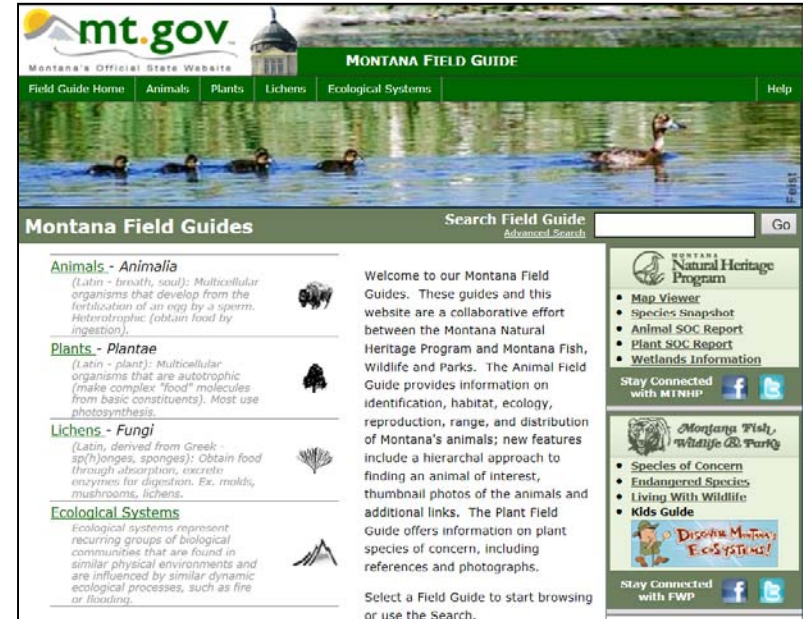
Braden Burkholder



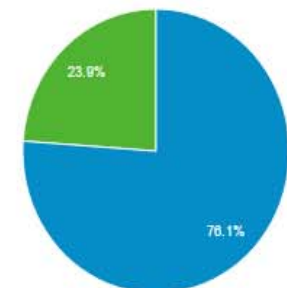
Martin Miller










Montana Field Guide Use Patterns

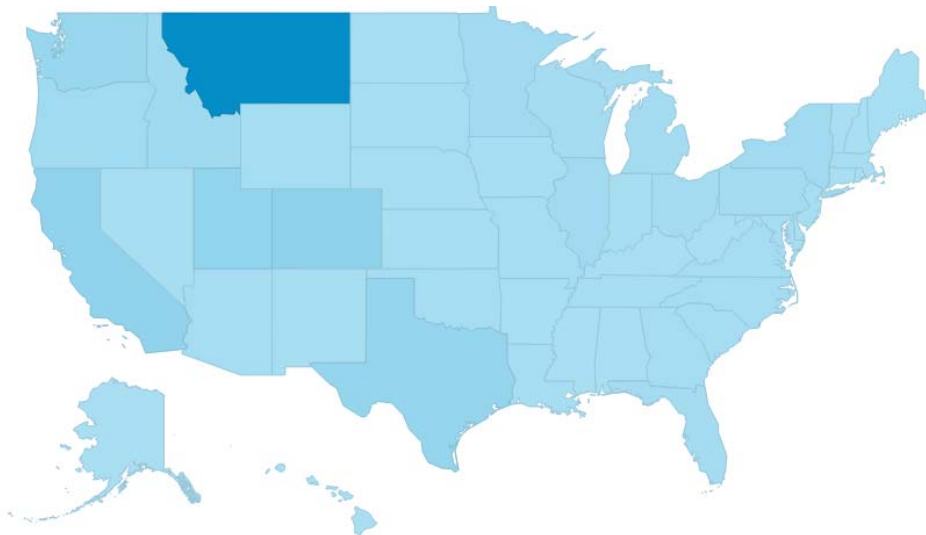


■ New Visitor ■ Returning Visitor

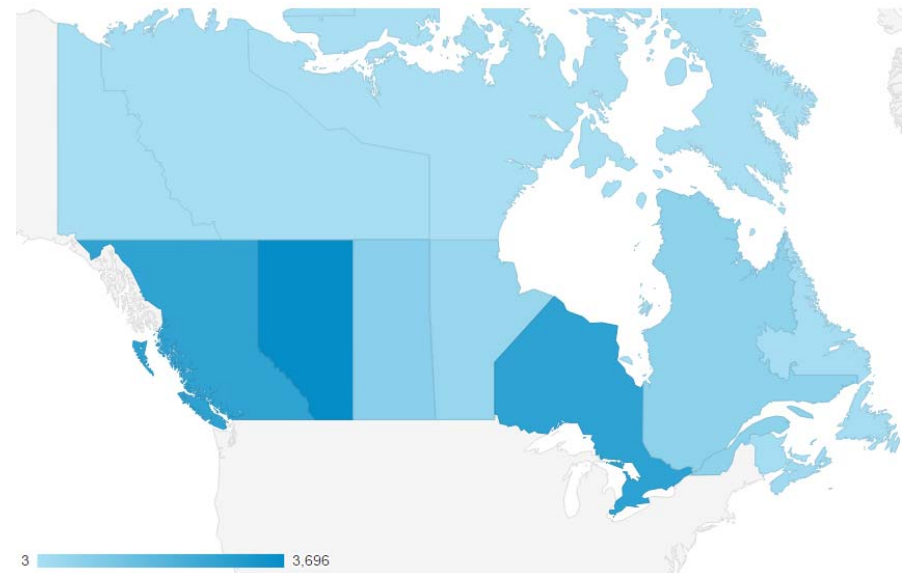


Country

Country	Sessions	% Sessions
1.  United States	275,079	90.20%
2.  Canada	11,438	3.75%
3.  United Kingdom	2,582	0.85%
4.  India	2,144	0.70%
5.  Philippines	1,180	0.39%
6.  Australia	1,019	0.33%
7.  Germany	881	0.29%
8.  France	716	0.23%
9.  Kenya	632	0.21%
10.  Indonesia	514	0.17%



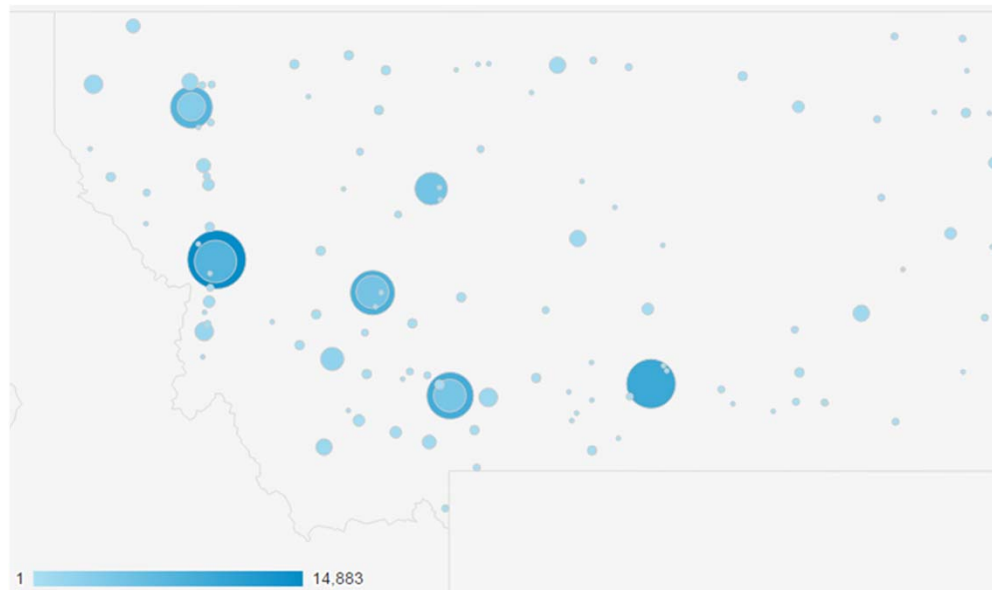
197 104,205











3 3,696

City







City	Sessions	% Sessions
1. Missoula	22,634	7.42%
2. Bozeman	13,695	4.49%
3. Helena	13,209	4.33%
4. Salt Lake City	11,219	3.68%
5. Kalispell	10,893	3.57%
6. Billings	10,048	3.29%
7. Denver	7,997	2.62%
8. (not set)	6,160	2.02%
9. Great Falls	4,892	1.60%
10. Dallas	4,467	1.46%





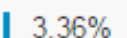
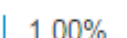
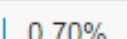

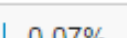
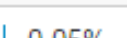
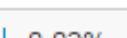
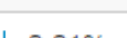
Browser

Browser	Sessions	% Sessions
1. Chrome	116,342	 38.15%
2. Safari	86,388	 28.33%
3. Internet Explorer	55,240	 18.11%
4. Firefox	31,972	 10.48%
5. Android Browser	6,841	 2.24%
6. Amazon Silk	2,440	 0.80%
7. Opera Mini	1,789	 0.59%
8. Edge	1,124	 0.37%
9. Safari (in-app)	966	 0.32%
10. Opera	553	 0.18%

Operating Systems Overall

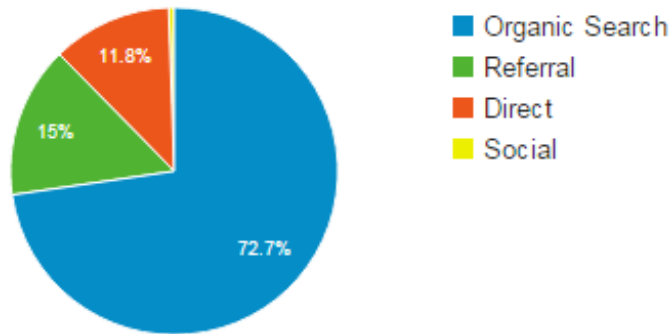
Operating System	Sessions	% Sessions
1. Windows	140,623	 46.11%
2. iOS	70,756	 23.20%
3. Android	47,665	 15.63%
4. Macintosh	33,989	 11.15%
5. Chrome OS	7,258	 2.38%
6. Linux	1,622	 0.53%
7. Windows Phone	1,253	 0.41%
8. (not set)	1,097	 0.36%
9. BlackBerry	412	 0.14%
10. Series40	84	 0.03%

Mobile Operating Systems

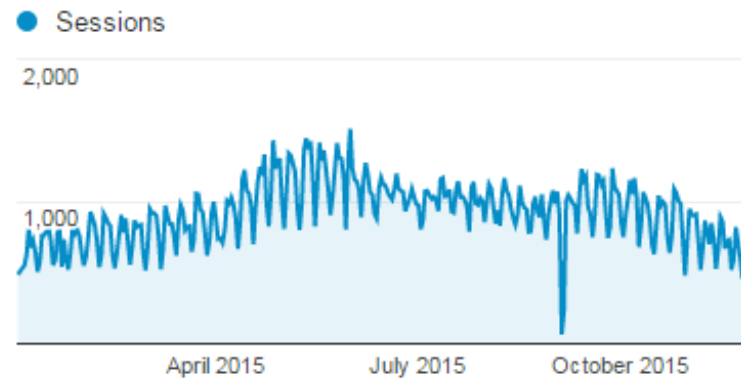
Operating System	Sessions	% Sessions
1. iOS	70,793	 56.42%
2. Android	47,707	 38.02%
3. Windows	4,218	 3.36%
4. Windows Phone	1,259	 1.00%
5. (not set)	880	 0.70%
6. BlackBerry	408	 0.33%
7. Series40	85	 0.07%
8. Nokia	59	 0.05%
9. Samsung	23	 0.02%
10. Nintendo 3DS	17	 0.01%

Acquisition

Top Channels



Sessions



	Acquisition			Behavior		
	Sessions ↓	% New Sessions ↓	New Users ↓	Bounce Rate ↓	Pages / Session ↓	Avg. Session Duration
	304,949	76.08%	232,009	64.70%	3.46	00:02:2
1 ■ Organic Search	221,640	<div style="width: 72.7%;"></div>		68.18%	<div style="width: 68.18%;"></div>	
2 ■ Referral	45,647	<div style="width: 15%;"></div>		46.64%	<div style="width: 46.64%;"></div>	
3 ■ Direct	36,010	<div style="width: 11.8%;"></div>		65.53%	<div style="width: 65.53%;"></div>	
4 ■ Social	1,652	<div style="width: 0.5%;"></div>		79.06%	<div style="width: 79.06%;"></div>	

Search Engine

Source ?	Acquisition			Behavior		
	Sessions ? ↓	% New Sessions ?	New Users ?	Bounce Rate ?	Pages / Session ?	Avg. Session Duration ?
	221,640 % of Total: 72.68% (304,949)	77.60% Avg for View: 76.08% (2.00%)	172,001 % of Total: 74.14% (232,009)	68.18% Avg for View: 64.70% (5.38%)	2.96 Avg for View: 3.46 (-14.42%)	00:01:58 Avg for View: 00:02:23 (-17.58%)
1. google	186,811 (84.29%)	77.95%	145,619 (84.66%)	68.34%	2.93	00:01:57
2. bing	18,645 (8.41%)	72.62%	13,540 (7.87%)	67.36%	3.30	00:02:08
3. yahoo	14,798 (6.68%)	78.86%	11,670 (6.78%)	67.17%	2.99	00:02:02
4. aol	547 (0.25%)	87.93%	481 (0.28%)	64.17%	2.35	00:01:16
5. ask	537 (0.24%)	78.77%	423 (0.25%)	67.04%	2.70	00:01:17
6. comcast	95 (0.04%)	93.68%	89 (0.05%)	83.16%	1.57	00:01:03
7. avg	65 (0.03%)	81.54%	53 (0.03%)	58.46%	2.80	00:02:11
8. yandex	25 (0.01%)	100.00%	25 (0.01%)	84.00%	1.60	00:01:18
9. msn	20 (0.01%)	65.00%	13 (0.01%)	65.00%	3.75	00:01:16
10. images.google	19 (0.01%)	94.74%	18 (0.01%)	84.21%	1.16	00:00:18
11. baidu	18 (0.01%)	88.89%	16 (0.01%)	88.89%	1.11	00:00:30

Top Landings

Page Title	Pageviews	% Pageviews
1. Montana Field Guide	124,854	11.82%
2. (Class) Birds - Montana Field Guide	28,096	2.66%
3. (Kingdom) Animals - Montana Field Guide	27,513	2.61%
4. (Class) Mammals - Montana Field Guide	23,034	2.18%
5. (Class) Fish - Montana Field Guide	18,456	1.75%
6. (Kingdom) Plants - Montana Field Guide	13,044	1.24%
7. (Class) Spiders - Montana Field Guide	9,996	0.95%
8. Kokanee Salmon - Montana Field Guide	8,882	0.84%
9. (Family) Upland Game Birds - Montana Field Guide	8,790	0.83%
10. (Family) Trout - Montana Field Guide	8,370	0.79%

1. **Kokanee Salmon**
2. **Spiders**
3. **Birds**
4. **Grizzly Bear**
5. **Prairie Rattlesnake**
6. **Gray Wolf**

Top Species Landings

Species Snapshot

- Species Snapshot
- Montana Field Guide
- Natural Heritage MapViewer
- Animal Species of Concern Report
- Plant Species of Concern Report
- Animal Information
- Plant Information
- Ecology Information
- Wetlands Information
- Land Management Mapping
- Submit Observations
- Request Information

Statewide ▾ All Species ▾ All Status ▾

All Montana Species

MT Status	Species of Concern	Potential SOC	MT Special Status	Other	Total
Mammals	24	16	1	72	113
Birds	66	17	2	361	446
Reptiles	8	1		11	20
Amphibians	6			9	15
Fish	23	5		63	91
Invertebrates	84	54		1187	1325
ALL ANIMALS	211	93	3	1703	2010
Vascular Plants	327	65		2489	2881
Bryophytes	51	20		488	559
Lichens	32	9		573	614
ALL PLANTS	410	94		3550	4054

[Download PDF FieldGuide](#) | [Print Species List](#)

[Collapse All](#) | [Expand All Species Groups](#) | [Expand All Species Groups and Species Info](#)

+ Mammals	113 Species
+ Birds	446 Species
+ Reptiles	20 Species
+ Amphibians	15 Species
+ Fish	91 Species
+ Invertebrates	1325 Species
+ Vascular Plants	2881 Species
+ Bryophytes	559 Species
+ Lichens	614 Species

Species Snapshot Filters

Geography

BLM Field Office ▾	Species ▾	MT Status ▾
Reset this filter		
County		
House District		
Senate District		
BLM Field Office		
Billings Field Office		
Butte Field Office		
Dillon Field Office		
Glasgow Field Office		
Havre Field Office		
Lewistown Field Office		
Malta Field Office		
Miles City Field Office		
Missoula Field Office		
Forest Boundary		
FWP Region		
Township		
LL, QLL, QQLL		

Taxonomy

Species ▾	MT Status ▾
Reset this filter	
Species	
ALL ANIMALS	
Mammals	
Birds	
Reptiles	
Amphibians	
Fish	
Invertebrates	
ALL PLANTS	
Vascular Plants	
Bryophytes	
Lichens	

Status

FWP SWAP ▾
Reset this filter
MT Status
Global Rank
MT State Rank
USFWS
USFS
BLM
FWP SWAP
SGCN1
SGCN2
SGCN3
SGIN
Montana PIF
MNPS Threat Rank

Montana Natural Heritage - Species Snapshot

County ▾ Species ▾ MT Status ▾

All Montana Birds and Vascular Plants found in Carter County that are MT Status Species of Concern

MT Status	Species of Concern	Potential SOC	MT Special Status	Other	Total
Mammals					
Birds	33				33
Reptiles					
Amphibians					
Fish					
Invertebrates					
ALL ANIMALS	33				33
Vascular Plants	18				18
Bryophytes					
Lichens					
ALL PLANTS	18				18

When you select a specific geographic area, the Species of Concern Report links are only valid if there are Species with Species Occurrences (SO's) in that area.





Hover over the values in the table to see the number of species with SO's (as opposed to the number displayed which is the count of Species with at least some kind of record in the selected area).

[Download PDF FieldGuide](#) [Print Species List](#)

[Collapse All](#) | [Expand All Species Groups](#) | [Expand All Species Groups and Species Info](#)

<input checked="" type="checkbox"/> Birds	33 Species
<input checked="" type="checkbox"/> Vascular Plants	18 Species

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

	Number of Observations	Species Occurrences	Predicted Suitable Habitat Model	Links
<input checked="" type="checkbox"/> Vascular Plants - <i>Amorpha canescens</i> (Lead Plant) SOC	1	1		 
<input checked="" type="checkbox"/> Vascular Plants - <i>Asclepias ovalifolia</i> (Ovalleaf Milkweed) SOC	2	2		 
<p>Species of Concern</p> <p>Global Rank: G5? State Rank: S1S2 SO Delineation Criteria Individual occurrences are generally based upon a discretely mapped area provided by an observer and are not separated by any pre-defined distance. Individual clusters of plants mapped at fine spatial scales (separated by less than approximately 25-50 meters) may be grouped together into one occurrence if they are not separated by distinct areas of habitat or terrain features. Point</p> <p>Agency Status USFWS: USFS: SENSITIVE BLM: MNPS Threat Rank:</p>				



MONTANA
**Natural Heritage
Program** 1515 East 6th Avenue
Helena, MT 59620
(406) 444-5354
mtnhp.org

Mont

Custom PDF Field Guide

All Montana

Birds and Vascular Plants

found in

Butte or Dillon BLM Field Offices

that are MT Status

Special Status Species

This PDF was generated: 12/7/2015



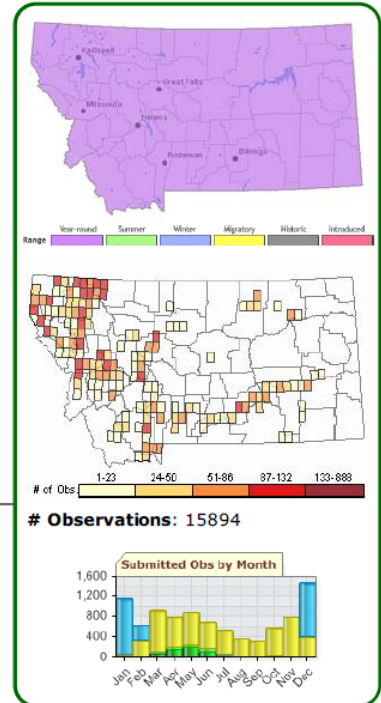
Bald Eagle
Haliaeetus leucocephalus

Special Status Species
[View in Field Guide](#)



Global Rank: G5
State Rank: S4

Agency Status
USFWS: DM; BGEPA;
MBTA; BCC
USFS: SENSITIVE
BLM: SENSITIVE
PIF: 2



General Description

With a white head and tail contrasting with a dark brown body and wings, the adult plumage of the Bald Eagle, attained at approximately 5 years of age, is unmistakable. In addition to the obvious white head and tail, other distinguishing features include the yellow bill, cere, iris, legs and feet. Second in size of North American birds of prey only to the California Condor (*Gymnogyps californianus*), the Bald Eagle ranges in total length from 71 to 96 cm, with an average wingspan of 168 to 244 cm and a body mass ranging from 3.0 to 6.3 kg (Buehler 2000). In general appearance the sexes are similar with females approximately 25 percent larger than males. The plumage of the juvenile birds is much less distinct, being dark brown overall. The head, body, wings, and tail are dark brown with limited mottling on the underside of the wings and on the belly. While the legs and feet of the young bird are yellow like those of adults, the bill and cere are dark gray and the iris is dark brown.

The voice of the Bald Eagle is a weak series of chirps. The vocalization is described as flat chirping, stuttering whistles, given in a halting fashion, with the immature calls generally harsher and more shrill than those of the adults (Buehler 2000, Sibley 2000).

Habitat

In Montana, as elsewhere, the Bald Eagle is primarily a species of riparian and lacustrine habitats (forested areas along rivers and lakes), especially during the breeding season. Important year-round habitat includes wetlands, major water bodies, spring spawning streams, ungulate winter ranges and open water areas (Bureau of Land Management 1986). Wintering habitat may include upland sites. Nesting sites are generally located within larger forested areas near large lakes and rivers where nests are usually built in the tallest, oldest, large diameter trees. Nesting site selection is dependent upon maximum local food availability and minimum disturbance from human activity (Montana Bald Eagle Working Group 1994). See the Montana Bald Eagle Management Plan (1994) for further details including home range sizes and habitat requirements of fledgling birds.

Offline Field Guide

Note: This PDF version of the Montana Field Guide is intended to assist in offline identification and field work. It is not intended to replace the online Field Guide, as that version contains more information and is updated daily. For the most up-to-date information on Montana species, please visit FieldGuide.mt.gov

The Montana Field Guide is a collaborative effort between the Montana Natural Heritage Program and Montana Fish, Wildlife and Parks. The Montana Natural Heritage Program is a program of the Montana State Library's Natural Resource Information System. It is operated as a special program under the Office of the Vice President for Research and Creative Scholarship at the University of Montana, Missoula. The Montana Natural Heritage Program is part of NatureServe – a network of over 80 similar programs in states, provinces and nations throughout the Western Hemisphere, bringing to Montana the "big picture" information on the true status of species and habitats.



Species Snapshot Filters

Geography

BLM Field Office	Species	MT Status
Reset this filter		
County		
House District		
Senate District		
BLM Field Office		
Billings Field Office		
Butte Field Office		
Dillon Field Office		
Glasgow Field Office		
Havre Field Office		
Lewistown Field Office		
Malta Field Office		
Miles City Field Office		
Missoula Field Office		
Forest Boundary		
FWP Region		
Township		
LL, QLL, QQLL		

Taxonomy

Species	MT Status
Reset this filter	
Species	
ALL ANIMALS	
Mammals	
Birds	
Reptiles	
Amphibians	
Fish	
Invertebrates	
ALL PLANTS	
Vascular Plants	
Bryophytes	
Lichens	

Status

FWP SWAP
Reset this filter
MT Status
Global Rank
MT State Rank
USFWS
USFS
BLM
FWP SWAP
SGCN1
SGCN2
SGCN3
SGIN
Montana PIF
MNPS Threat Rank

- City (25 mile buffer)
- Important Bird Area
- Major Land Resource Area
- East/West Continental Divide
- Joint Venture or LLC Boundary

- National Wildlife Refuge
- Wildlife Management Area (10 mile buff)
- Fishing Access Site (10 mile buffer)










Future Field Guide Development

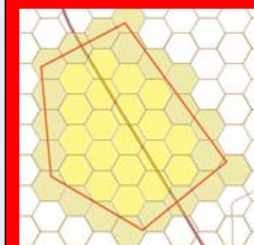
- **Incorporate custom Field Guide generation**
- **Support species additions for unrepresented species and habitats**
- **Support further development of species accounts**
- **Support photo additions**
- **Further develop search options**
 - Color
 - Body size
 - Basic morphology
 - Habitat
 - Photos

NATURAL HERITAGE MAP VIEWER Scale 1:9,220,530 Maxell, Bryce
mt.gov Field Guide File View Help Sign Out Standard Controls Add Obs Full Extent


Natural Heritage Map Viewer New Environmental Review Summary Tool

Which Task would you like?

Species Related	Ecological Information	Land Management
 Species of Concern Occurrences	 Landcover	 Land Management
 Point Observations	 Wetland and Riparian Mapping	Other
 Single Species Overview		 Georeferenced Photos
 Structured Surveys		
 Generalized Observations		

 **Environmental Review Summary Tool**

Click to Show Charts and Data



NHP Environmental Review X

mtnhp.org/mapviewer/

NATURAL HERITAGE MAP VIEWER Scale 1:36,028

mt.gov Field Guide File View Help Sign Out Standard Controls Add Obs Full Extent MT Only

Task Selection

Tools

- Filter by Species Status (MT)
- Filter by Animals
- Filter by Plants
- Filter by Species Order
- Filter by Geography
- Filter by Date
- Filter by Observer
- Filter by Pending

Map Layers

Search for Location

MISSOULA

FALLS CREEK RD

83

Charts and Data

[Printable Report](#)

Documented Species

Category	Species Name	Common Name	Status	SOs	OBS
Mammals	6 Species				
Mammals	Canada Lynx	<i>Lynx canadensis</i>	SOC	9	1
Mammals	Fisher	<i>Pekania pennanti</i>	SOC	2	1
Mammals	Grizzly Bear	<i>Ursus arctos</i>	SOC	22	1
Mammals	Little Brown Myotis	<i>Myotis lucifugus</i>	SOC	1	1
Mammals	Pygmy Shrew	<i>Sorex hoyi</i>	SOC	6	4
Mammals	Wolverine	<i>Gulo gulo</i>	SOC	10	2
Birds	7 Species				
Birds	Brown Creeper	<i>Certhia americana</i>	SOC	29	21
Birds	Cassin's Finch	<i>Haemorhous cassinii</i>	SOC	9	8
Birds	Evening Grosbeak	<i>Coccothraustes vespertinus</i>	SOC	27	26
Birds	Flammulated Owl	<i>Psiloscops flammeolus</i>	SOC	2	2
Birds	Pacific Wren	<i>Troglodytes pacificus</i>	SOC	9	8
Birds	Pileated Woodpecker	<i>Dryocopus pileatus</i>	SOC	27	28
Birds	Varied Thrush	<i>Ixoreus naevius</i>	SOC	21	21
Amphibians	1 Species				

Separated into:
 Documented SOC
 Documented PSOC
 Non Species of Concern

NHP Environmental Review X

mtnhp.org/mapviewer/

NATURAL HERITAGE MAP VIEWER Scale 1:36,028

mt.gov Field Guide File View Help Sign Out Standard Controls Add Obs Full Extent MT Only

Task Selection

Tools

- Filter by Species Status (MT)
- Filter by Animals
- Filter by Plants
- Filter by Species Order
- Filter by Geography
- Filter by Date
- Filter by Observer
- Filter by Pending

Map Layers

Search for Location

Charts and Data

[Printable Report](#)

Landcover Summary

45% (10,300 Acres)	Rocky Mountain Dry-Mesic Montane Mixed Conifer Forest
16% (3,700 Acres)	Northern Rocky Mountain Lower Montane Riparian Woodland and Shrubland
7% (1,543 Acres)	Rocky Mountain Mesic Montane Mixed Conifer Forest
6% (1,321 Acres)	Harvested forest-tree regeneration
6% (1,440 Acres)	Rocky Mountain Lower Montane, Foothill, and Valley Grassland
4% (963 Acres)	Other Roads
2% (507 Acres)	Alpine-Montane Wet Meadow
2% (397 Acres)	Harvested forest-grass regeneration
2% (548 Acres)	Harvested forest-shrub regeneration
2% (560 Acres)	Rocky Mountain Montane-Foothill Deciduous Shrubland

NHP Environmental Review X

mtnhp.org/mapviewer/

NATURAL HERITAGE MAP VIEWER Scale 1:36,028

mt.gov Field Guide File View Help Sign Out Standard Controls Add Obs Full Extent MT Only

Task Selection

Tools

- Filter by Species Status (MT)
- Filter by Animals
- Filter by Plants
- Filter by Species Order
- Filter by Geography
- Filter by Date
- Filter by Observer
- Filter by Pending

Map Layers

Search for Location

MISSOULA

FALLS CREEK RD

83

Charts and Data

[Printable Report](#)

Wetland Summary

Palustrine		Acres
■ PAB	Aquatic Bed	120
■ PEM	Emergent	1,041
■ PSS	Scrub-Shrub	855
■ PFC	Forested	255

Riverine (Rivers)		Acres
Lower Perennial		
■ R2UB	Unconsolidated Bottom	53
■ R2US	Unconsolidated Shore	30
Upper Perennial		
■ R3UB	Unconsolidated Bottom	96
■ R3US	Unconsolidated Shore	20
Intermittent		
■ R4SB	Streambed	1

Riparian		Acres
Lotic		
■ Rp1SS	Scrub-Shrub	148
■ Rp1FQ	Forested	236

NHP Environmental Review X

mtnhp.org/mapviewer/

NATURAL HERITAGE MAP VIEWER Scale 1:36,028

mt.gov Field Guide File View Help Sign Out Standard Controls Add Obs Full Extent MT Only

Task Selection

Tools

- Filter by Species Status (MT)
- Filter by Animals
- Filter by Plants
- Filter by Species Order
- Filter by Geography
- Filter by Date
- Filter by Observer
- Filter by Pending

Map Layers

Search for Location

MISSOULA

FALLS CREEK RD

83

Charts and Data

[Printable Report](#)

Land Management Summary

	Other Boundaries	Total Land
Public Lands		17,712 Acres (77%)
US Forest Service		17,693 Acres (77%)
USFS Owned		17,693 Acres (77%)
USFS Ranger Districts	23,029 Acres (100%)	
USFS National Forest Boundaries	23,029 Acres (100%)	
USFS Special Interest Areas	2 Acres (<1%)	
Local Government		19 Acres (<1%)
Local Government Owned		19 Acres (<1%)
Private Conservation Lands		43 Acres (<1%)
The Nature Conservancy		3 Acres (<1%)
TNC Owned		3 Acres (<1%)
The Vital Ground Foundation		40 Acres (0%)
Conservation Easements		1,528 Acres (7%)
Private Lands or Unknown Ownership		5,274 Acres (22%)

NHP Environmental Review X

mtnhp.org/mapviewer/

NATURAL HERITAGE MAP VIEWER Scale 1:36,028

mt.gov Field Guide File View Help Sign Out Standard Controls Add Obs Full Extent MT Only

Task Selection

Tools

- Filter by Species Status (MT)
- Filter by Animals
- Filter by Plants
- Filter by Species Order
- Filter by Geography
- Filter by Date
- Filter by Observer
- Filter by Pending

Map Layers

Search for Location

MISSOULA

FALLS CREEK RD

83

Charts and Data

Printable Report

Biological Reports

Index of the Upper Swan Valley homestead claims, Condon, MT.

[Condon, MT : Condon Branch Library, 2000?] 16 p. : 28 cm. Language: English, Database: Montana Shared Catalog

Subjects: Homestead (Mont.); Swan River Valley (Mont.) -- History

Book Retrieve Catalog Item

Location	Call No.	Status
Missoula Public Library	MONTGEN R 978.685 INDEXOF	Montana Room

Recreation management restrictions, etc.: Urban wildland interface communities within vicinity of Federal lands that are at high risk from wildfire; list,

In: Federal Register, 4 de Enero de 2001., Database: vLex

Subjects: United States

Academic Journal Request this item through interlibrary loan

NHP Environmental Review X

mtnhp.org/mapviewer/

NATURAL HERITAGE MAP VIEWER Scale 1:36,028

mt.gov Field Guide File View Help Sign Out Standard Controls Add Obs Full Extent MT Only

Task Selection

Tools

- Filter by Species Status (MT)
- Filter by Animals
- Filter by Plants
- Filter by Species Order
- Filter by Geography
- Filter by Date
- Filter by Observer
- Filter by Pending

Map Layers

Search for Location

MISSOULA 83 FALLS CREEK RD

Charts and Data

[Printable Report](#)

Potential Species

Category	Species	Indicator	Count
Mammals	Canada Lynx (<i>Lynx canadensis</i>)	SOC	6 Species
Mammals	Fisher (<i>Pekania pennanti</i>)	SOC	
Mammals	Grizzly Bear (<i>Ursus arctos</i>)	SOC	
Mammals	Little Brown Myotis (<i>Myotis lucifugus</i>)	SOC	
Mammals	Pygmy Shrew (<i>Sorex hoyi</i>)	SOC	
Mammals	Wolverine (<i>Gulo gulo</i>)	SOC	
Birds	Brown Creeper (<i>Certhia americana</i>)	SOC	7 Species
Birds	Cassin's Finch (<i>Haemorhous cassinii</i>)	SOC	
Birds	Evening Grosbeak (<i>Coccothraustes vespertinus</i>)	SOC	
Birds	Flammulated Owl (<i>Psiloscops flammeolus</i>)	SOC	
Birds	Pacific Wren (<i>Troglodytes pacificus</i>)	SOC	
Birds	Pileated Woodpecker (<i>Dryocopus pileatus</i>)	SOC	
Birds	Varied Thrush (<i>Ixoreus naevius</i>)	SOC	
Amphibians			1 Species

Indicators for:
 Range
 Habitat
 Wetland Mapping

Separated into:
 Documented SOC
 Documented PSOC
 Non Species of Concern

NHP Environmental Review X

mtnhp.org/mapviewer/

NATURAL HERITAGE MAP VIEWER Scale 1:36,028

mt.gov Field Guide File View Help Sign Out Standard Controls Add Obs Full Extent MT Only

Task Selection

Tools

- Filter by Species Status (MT)
- Filter by Animals
- Filter by Plants
- Filter by Species Order
- Filter by Geography
- Filter by Date
- Filter by Observer
- Filter by Pending

Map Layers

Search for Location

Print / Export

- Documented Species
- Potential Species
- Landcover
- Wetland
- Land Management
- Biological Reports

PDF Excel

[Printable Report](#)

- Documented Species
- Potential Species
- Landcover Summary
- Wetland Summary
- Land Management Summary
- Biological Reports

Other Focal Efforts

- **Complete migration to new server**
- **Format all MTNHP web pages for mobile access**
- **Automate filtering of observations to assist review**
(appropriate range, date, & habitat, not a duplicate record, and not a first record in a QLL)...focus manual review effort
- **Additional data use tracking tools**
- **Tools for tracking requests of staff**
- **Increase outreach** (webinars, trainings)
- **Redesign Botany Database**
 - Redesign Observations table
 - SO's built from 1 or more SOC/PSOC observations
 - Observations tracked for all species, not just SOC/PSOC
 - New Survey Locations table