

**From:** [Turner, Ed](#)  
**To:** [Betty Grizzle](#)  
**Subject:** MT NHP den sites  
**Date:** Tuesday, January 17, 2017 6:43:59 PM  
**Attachments:** [MT\\_NHP\\_Dens.xlsx](#)

---

Betty, I found a few dens or possible den sites in the MT Natural Heritage Data.

Here's an excel, it's got long fields.

--

Edwin Turner, Geographer  
GIS Mapping and Analysis Branch

DOI-R8-CFWO  
USFWS Carlsbad Fish and Wildlife Office  
2177 Salk Ave. Suite 250  
Carlsbad, CA 92008  
760.431.9440 x266

[Ed\\_Turner@fws.gov](mailto:Ed_Turner@fws.gov)  
760.431.9440 x266

Obs_ID	ELCODE	Species_Gr
1287	AMAJF03010	Mammals
1355	AMAJF03010	Mammals
1576	AMAJF03010	Mammals
1596	AMAJF03010	Mammals

S\_Com\_Name

Wolverine

Wolverine

Wolverine

Wolverine

S\_Sci\_Name

Gulo gulo

Gulo gulo

Gulo gulo

Gulo gulo

Family\_Sci  
Mustelidae  
Mustelidae  
Mustelidae  
Mustelidae

Order\_Sci\_  
Carnivora  
Carnivora  
Carnivora  
Carnivora

Class_Sci_	G_Rank	S_Rank
Mammalia	G4	S3
Mammalia	G4	S3
Mammalia	G4	S3
Mammalia	G4	S3

S\_Rank\_Rea



MT\_Status

SOC

SOC

SOC

SOC

USFS

SENSITIVE

SENSITIVE

SENSITIVE

SENSITIVE

BLM

SENSITIVE

SENSITIVE

SENSITIVE

SENSITIVE

USES A

USESA\_Com

On 13 August 2014, the U.S. Fish and Wildlife Service published a notice in the Federal Register indicating that, "V

On 13 August 2014, the U.S. Fish and Wildlife Service published a notice in the Federal Register indicating that, "V

On 13 August 2014, the U.S. Fish and Wildlife Service published a notice in the Federal Register indicating that, "V

On 13 August 2014, the U.S. Fish and Wildlife Service published a notice in the Federal Register indicating that, "V

PIF_Montar FWP_SWAP	Latitude	Longitude	SPX
0 SGCN3	47.96716000000	-115.53989000000	149642.92000000000
0 SGCN3	47.52889000000	-113.59049000000	292291.50000000000
0 SGCN3	47.59146000000	-113.62068000000	290388.14000000000
0 SGCN3	45.91670000000	-110.97792000000	485399.44000000000

SPY	Loc_Uncert
430418.75000000000	100
372379.05000000000	100
379441.20000000000	20
186304.49000000000	100

Location

0.7 km N of Baree Lake

0.3 km SW of Rumble Creek Lake

1.4 km N of Cooney Mountain

Sacagawea Peak, saddle NW of peak

County	Sta
Lincoln	MT
Missoula	MT
Missoula	MT
Gallatin	MT

Observer

Mineau, Jim

Johnson, Kurt

Cascaddan, Brent

Bess, Jim



Obs\_Date\_Obs\_Date\_Obs\_Date\_T

##### Data accuracy reported as: Hour

##### Data accuracy reported as: Day

8/9/2011 8/9/2011

7/1/1991 ##### Early July

Type\_Descr

Species\_Ob

Activity: Other Group Type: Single Reproductive Status: Unknown Observation Comments: WOLVERINE TRACKS

Activity: Moving Group Type: Single Reproductive Status: Unknown Observation Comments: View Scale at Data |  
verify den

Wolverine spotted running from a den site. Den located under krummholz spruce on alpine tundra on the west side

Habitat\_Ob

OBSERVED ALONG BAREE LAKE TRAIL (#489) JUST INSIDE WILDERNESS BOUNDARY; FOLLOWED TRACKS INTO ROC  
Entry 1:11598.043487;Wolverine was running up the snow slope. A potential den site nearby (hole dug in snow w

de of the saddle. Observer and companion were at the location to retrieve a small weather station that had been p

Total_Num	Unknown_S	Males	Females	Pairs	Juveniles	Immature	Eggs	Nest	
1	1	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0	1

PendiDEN

0	1
0	1
0	1
0	1