

From: [Turner, Ed](#)
To: [Betty Grizzle](#)
Cc: [Emilie Luciani](#)
Subject: DEN records
Date: Wednesday, January 18, 2017 4:15:21 PM
Attachments: [CNDDDB_DEN.xlsx](#)
[IFWIS_DEN.xlsx](#)
[MT_NHP_SO_DEN.xlsx](#)
[ORBIC_Independent_DEN.xlsx](#)
[USFS_NRIS_DEN.xlsx](#)
[WA_DFW_DEN.xlsx](#)

Hi Betty, Thanks to Emilie figuring out how to do a more effective search, I found one additional for the MT data and found others in ID, OR, WA, CNDDDB, and some in the USFS NRIS data.

Here are the excel tables and I attempted to hide some fields to make it easier to view.

I will work on the source and FWS_LInk_ID fields now and we can once that's complete extract those den sites to compile in one data set. We will still need to gather Utah.

Plus I need to look at the extra tables for the WY State data and see if we get den info.

Hope this helps a bit, Ed

--

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
760.431.9440 x266

OBJECTID	OCCNUMBER	EONDX	KQUADNAME	ACCURACY
62	75	23308	Mt. Barcroft	1 mile
162	193	31136	Cooper Peak	1/10 mile

PRESENCE	SITEDATE	ELMDATE	OWNERMG
Presumed Extant	1977XXXX	1977XXXX	USFS-INYO NF
Presumed Extant	19960713	19960713	USFS-STANISLAUS NF

LOCATION

VICINITY OF MOUNT BARCROFT, IN THE WHITE MOUNTAINS.

JUST NW OF TOEJAM LAKE, STANISLAUS NATIONAL FOREST.

LOCDETAILS

DEN SITE LOCATED ON A SMALL KNOLL ABOVE THE LAKE, APPROXIMATELY 75 M AWAY FROM LAKE.

ECOLOGICAL

HABITAT CONSISTS OF ROCKY LODGEPOLE PINE FOREST, ABOVE A LAKE AND MEADOW.

GENERAL

TWO OBSERVED TOGETHER, APPROXIMATELY 1.1 KM NORTH OF BARCROFT; ONE ANIMAL WAS SLIGHTLY SMALLER
ON 13 JULY 1996, ONE MATURE ADULT WAS OBSERVED AT THE BASE OF A SILVER PINE, NEAR A LARGE DUGOUT ,

YEAR	DEN
1977	1
1996	1

OBJECTID

38

42

43

44

633

634

794

Species_Ac

WOLVERINE TRACKS AND POSSIBLE DEN SITE ENCOUNTERED BY OBSERVERS, SCOTT LULA AND BOB LEWIS, JUST
MATENAL DEN SITE.

MATENAL DEN SITE. KIT WAS APPROXIMATELY 7 LBS AND ESTIMATED AT 11-12 WEEKS OLD. IMPLANTED WITH F

MATENAL DEN SITE. KIT WAS APPROXIMATELY 7 LBS. AND ESTIMATED TO BE 11-12 WEEKS OLD. IMPLANTED WI

THE OBSERVERS REPORTED THAT THIS LOCATION IS LIKELY A REPRODUCTIVE DEN, AS EVIDENCED BY THE EXTENS

"AT LEAST 3 DENS IN THE AREA, WITH ONE DEN HAVING A HIGH PROBABILITY OF HOUSING KITS, WHILE OTHER SI
OBSERVER TOOK SEVERAL PHOTOS OF TRACKS IN SNOW. HIGH QUALITY SNOW TRACKING CONDITIONS. PHOTOS

Directions

Goldstone Pass at the Idaho/Montana boundary (Continental Divide) near FS Trail 111; 9200 ft. elevation.

elevation = 8300 feet.

elevation = 8300 feet.

elevation = 8300 feet.

"In a tributary of West Targhee Creek."

Heinemeyer's report provides a map showing the general location of the observation.

"In a tributary of West Targhee Creek."

Tracks located on ridge between Carmen Creek and Davis Canyon, about 1.5 airline miles west-southwest of Ajax

Observers	Person_Con
Scott Lula	Uncertain background
Beth Waterbury	Biologist, researcher or ta
Beth Waterbury	Biologist, researcher or ta
Beth Waterbury	Biologist, researcher or ta
Kimberly Heinemeyer	Biologist, researcher or ta
Kimberly Heinemeyer	Biologist, researcher or ta
Stephen Kaltwasser	Approved observer by dai

Identifica

xa expert

xa expert

xa expert

xa expert

xa expert

The observer showed photos to and consulted with IDFG Salmon Region Wildlife Diversity Biologist Beth Waterbu

Habitat_De

SUBALPINE AND DRY CONIFER FOREST, DEEP SNOW, ALPINE/BOULDER/TALUS SLOPES IN IMMEDIATE VICINITY.

SUBALPINE CONIFER WITH MIX OF WHITEBARK PINE, WHITE FIR AND ENGELMANN SPRUCE WITH SOME LODGEPOLE

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SUBALPINE CONIFER WITH MIX OF WHITEBARK PINE, WHITE FIR AND ENGELMANN SPRUCE WITH SOME LODGEPOLE

NO SYSTEM INFORMATION PROVIDED BY OBSERVER

THE REPRODUCTIVE DEN WAS CREATED BY A FALLEN LOG IMMEDIATELY ADJACENT TO FOREST COVER, BUT LOCAL
SUBALPINE CONIFER FOREST COMMUNITY WITH WHITEBARK PINE COMPONENT; WITHIN 1/2 MILE OF ALPINE TRAIL

Verificati	Source_Age	DEN
possible	Idaho Department of Fish and Game	1
trusted	Idaho Department of Fish and Game	1
trusted	Idaho Department of Fish and Game	1
trusted	Idaho Department of Fish and Game	1
trusted		1
possible		1
trusted		1

Obs_ID	Loc_Uncert	Location	County
1163		100 1 km NW of Mount Baldy	Lincoln
1218		800 4.3 km SE of the town of Bear Dance	Lake
1287		100 0.7 km N of Baree Lake	Lincoln
1355		100 0.3 km SW of Rumble Creek Lake	Missoula
1596		100 Sacagawea Peak, saddle NW of peak	Gallatin

State	Observer	Obs_Date_S	Obs_Date_E
MT	Norman, Ben	9/1/1981	9/1/1981
MT	Woods, D.	6/28/1993	6/28/1993
MT	Mineau, Jim	3/30/1998	3/30/1998
MT	Johnson, Kurt	6/15/2002	6/15/2002
MT	Bess, Jim	7/1/1991	7/15/1991

Obs_Date_T

Data accuracy reported as: Day

Data accuracy reported as: Day

Data accuracy reported as: Hour

Data accuracy reported as: Day

Early July

Species_Ob

ACTIVITY: OTHER GROUP TYPE: SINGLE REPRODUCTIVE STATUS: UNKNOWN OBSERVATION COMMENTS: HISTOF
GROUP TYPE: SINGLE REPRODUCTIVE STATUS: UNKNOWN OBSERVATION COMMENTS: VIEW SCALE AT DATA EN
ACTIVITY: OTHER GROUP TYPE: SINGLE REPRODUCTIVE STATUS: UNKNOWN OBSERVATION COMMENTS: WOLVI
ACTIVITY: MOVING GROUP TYPE: SINGLE REPRODUCTIVE STATUS: UNKNOWN OBSERVATION COMMENTS: VIEW
WOLVERINE SPOTTED RUNNING FROM A DEN SITE. DEN LOCATED UNDER KRUMMHOLZ SPRUCE ON ALPINE TUNI

Total_Numb	Unknown_Se	DEN	
1		1	1
1		0	1
1		1	1
1		1	1
1		1	1

OBJECTID	SOURCE_F_1	SOURCE_F_2	VISIT_DATE
169	TIPSOO PEAK	APPROX. 0.7MI NW OF TIPSOO PEAK	1997-03-08

VISITED_BY

Farrell, Terry, Ray Davis and Bill Woods.

VISIT_DATA

VISUAL SIGHTING OF WOLVERINE TRACKS, CONFIRMED BY JEFF COPELAND, IDFG. POTENTIAL DEN SITE. DOCUME

DEN

1

OBJECTID_1	TOTAL_DETE	GROUP_TYPE	REPRO_STAT	SURVEY_OBS	OBS_METH_1
197		1 Single	Unknown	9/1/1981	Visual
227		1 Single	Unknown	3/30/1998	Visual
417		1 Unknown	Unknown	1/15/2006	Track
422		3 Family Type	Reproducing	5/18/2008	In Hand

OBS_METH_2

THE ANIMAL WAS DETECTED BY SEEING IT.

THE ANIMAL WAS DETECTED BY SEEING IT.

EVIDENCE OF THE ANIMAL WAS FOUND IN THE FORM OF A TRACK (E.G. FOOT PRINT, DRAG PATTERN OF A BODY
ANIMAL PHYSICALLY EXAMINED IN HAND AND IDENTIFIED VIA MEASUREMENTS AND CLOSE INSPECTION. MAY IN'

OBSERVER_N

NORMAN, BEN (Unknown)

(MIGRATED), JIM MINEAU (Unknown)

LULA, SCOTT (Unknown), LEWIS, BOB (Unknown)

WATERBURY, BETH (Experienced)

DATA_ORIGI
Forest Service
Forest Service

Non-Forest Service
Non-Forest Service

COMMENTS

HISTORIC WOLVERINE DEN AT BALDY BASIN HIGH QUALITY SIGHTING: QUALIFIED OBSERVER, PHYSICAL EVIDENCE, WOLVERINE TRACKS OBSERVED ALONG BAREE LAKE TRAIL (#489) JUST INSIDE WILDERNESS BOUNDARY; FOLLOW WOLVERINE TRACKS AND POSSIBLE DEN SITE ENCOUNTERED BY OBSERVERS JUST INTO IDAHO SIDE OF CONTINENTAL DIVIDE. SUBALPINE AND WOLVERINE MATERNAL DEN; CAPTURE AND RADIO-TRANSMITTER IMPLANTING PROJECT; FEMALE AND 2 KITS LC

LAST_UPDAT	FS_UNIT_NA
11/9/2011	KOOTENAI NATIONAL FOREST
11/13/2003	KOOTENAI NATIONAL FOREST
3/15/2013	SALMON-CHALLIS NATIONAL FOREST
4/24/2014	SALMON-CHALLIS NATIONAL FOREST

FWS_YEAR	FWS_DECADE	DEN
1981	1980	1
1998	1990	1
2006	2000	1
2008	2000	1

OCCURTYPE_	occurcla_1	SITENAME
Biotic detection	Unknown	
Den	Breeding	POWDER MOUNTAIN

OCCURNOTES

WOLVERINE DEN LOCATED NEAR AMERICAN LAKE ON EAST FACING SLOPE SOUTH OF CLIFF LINE. DEN LOCATED IN
WOLVERINE NATAL DEN OBSERVED DURING AERIAL WOLVERINE DEN SURVEY. WOLVERINE TRACKS LOCATED ANI

FEDSTAT	EFFORTDATE	OBSAFFIL	DEN
J MIDDLE C	6/11/1992	STREAM, L/WDFW;MILLER, P/WDFW	1
J ADULT W	3/2/2002	FITKIN, S/WDFW	1