

From: [Shevenell Webb](#)
To: [Guinotte, John](#)
Subject: Re: Wolverine and trapping
Date: Monday, March 6, 2017 12:41:03 PM

Ok, we are waiting for some final DNA results for our research, so I should have some additional female data for the Boreal region. I will gather this information for you this week.

cheers, Shevenell

From: Guinotte, John <john_guinotte@fws.gov>
Sent: Monday, March 6, 2017 12:29 PM
To: Shevenell Webb
Subject: Re: Wolverine and trapping

Hi Shevenell. Either one is fine. I'm going to bring the file into GIS. If there are a lot of commas in the attributes, it can make it difficult to import into GIS. Excel is probably the safer route. Thanks John

On Mon, Mar 6, 2017 at 12:12 PM, Shevenell Webb <Shevenell.Webb@ab-conservation.com> wrote:

Ok John, I will prepare a spreadsheet with that information. The locations for wolverine harvest, will be approximate, as they will be center point of the registered trapline. The locations from our research will be exact location. Do you have any preferences on whether the spreadsheet table is excel, csv, etc.?

Shevenell

From: Guinotte, John <john_guinotte@fws.gov>
Sent: Monday, March 6, 2017 12:07 PM
To: Shevenell Webb
Cc: Dave Kay; Robert Anderson
Subject: Re: Wolverine and trapping

Thanks Shevenell and Dave.

We'd like the harvest locations for the province (the data from fig 1 in your 2016 paper). We are also interested in male vs female and the locations of the lactating females would also be useful.

Many thanks for your help.

Best,
John

John Guinotte
Fish and Wildlife Biologist
Ecological Services
U.S. Fish and Wildlife Service
Mountain Prairie Region 6
134 Union Blvd., Lakewood, CO 80228
303-236-4264
john_guinotte@fws.gov

On Mon, Mar 6, 2017 at 12:01 PM, Shevenell Webb <Shevenell.Webb@ab-conservation.com> wrote:

Dave- Great, thanks for letting me know and trusting me to distribute this data.

John- Please let me know if you are interested in wolverine harvest locations for the province (as seen in our 2016 paper) or specific areas (Southwestern Alberta). Are you interested in male verses female?

Shevenell

From: Dave Kay <dave.kay@gov.ab.ca>
Sent: Monday, March 6, 2017 11:57 AM
To: Shevenell Webb
Subject: RE: Wolverine and trapping

Thanks Shevenell...that would be fine, for sure...go ahead...thanks...Dave

Dave Kay
Commercial Wildlife and Priority Species
Fish and Wildlife Policy Branch
Alberta Environment and Parks
9920 108 Street, Edmonton, AB T5K 2M4
Phone: 780-644-4646 Fax: 780-422-9559
Email: dave.kay@gov.ab.ca

From: Shevenell Webb [mailto:Shevenell.Webb@ab-conservation.com]
Sent: Monday, March 06, 2017 9:56 AM
To: Dave Kay
Subject: Fw: Wolverine and trapping

Hi Dave,

The USFWS is interested in some of the Alberta wolverine trapping data that we published in our 2016 paper. If I removed any mention of trapline numbers, and just showed trapline centroid lat/longs for each wolverine harvest, would AB government be ok with the release of this data to USFWS?

thanks, Shevenell

Shevenell Webb, Wildlife Biologist

Alberta Conservation Association

phone: 207-242-2875

email: shevenell.webb@ab-conservation.com

From: Guinotte, John <john_guinotte@fws.gov>

Sent: Monday, February 27, 2017 9:20 AM

To: Shevenell Webb

Cc: Betty Grizzle

Subject: Fwd: Wolverine and trapping

Dear Shevenell,

We are currently involved in a species status assessment for the wolverine in the lower 48 states and are trying to obtain all occurrence records, den sites, and trapline information for Alberta and BC. Would you be able to provide this information from your 2016 paper? And do you know who I should contact to obtain this information for BC? Happy to chat on the phone if you prefer.

Many thanks,
John

John Guinotte, PhD

Fish and Wildlife Biologist

Ecological Services

U.S. Fish and Wildlife Service

Mountain Prairie Region 6

134 Union Blvd., Lakewood, CO 80228

303-236-4264

john_guinotte@fws.gov

----- Forwarded message -----

From: **Doherty, Kevin** <kevin_doherty@fws.gov>
Date: Mon, Feb 27, 2017 at 6:54 AM
Subject: Fwd: Wolverine and trapping
To: Stephen Torbit <stephen_torbit@fws.gov>, "Guinotte, John" <john_guinotte@fws.gov>

see below from Boyce. Two names for trap line. No effort data. Low density pops and little harvest is the short story from his experience.

----- Forwarded message -----

From: **Mark Boyce** <boyce@ualberta.ca>
Date: Sun, Feb 26, 2017 at 10:44 PM
Subject: Re: Wolverine and trapping
To: "Doherty, Kevin" <kevin_doherty@fws.gov>

Hi Kevin:

On Crown land (govt land in mtns) all trapping is restricted to registered traplines in Alberta. Although there has been an attempt to compile effort data, e.g., trap nights, it has not happened yet. On average about 50% of traplines are actively trapped in any particular year. Harvests of wolverines are rare in southern Alberta and BC. We know that they can move quite a long distance, especially young males, so there will be no surprise when wolverines are captured in southern Alberta and BC, but generally the densities are very low. I have a trapline at Nordegg and I had a wolverine ravaging my marten sets last year (2015). But it did not stick around and I never had an opportunity to trap him/her. We have a quota of 1 wolverine per trapline per year but I've never caught one.

Shevenell has compiled all wolverine harvest records from registered trapline fur reports, and I believe that these data would be the best available for Alberta. Similar records exist for BC.

I'm not sure that I told you anything new--we do not have records on trapping effort. And I doubt that trappers in southern areas are likely to be making many sets for wolverines. Most would be caught in wolf or lynx sets.

Cheers,
Mark

On Tue, Feb 21, 2017 at 1:04 PM, Doherty, Kevin <kevin_doherty@fws.gov> wrote:
Mark,

Some folks in the USFWS asked if I would reach out to you about your opinion on a potential Canada and United States boundary effect for Wolverine. Specifically, there is a desire to understand if there is any data on trapping effort and harvest totals for wolverines in southern B.C. and Alberta. From your Alberta Wolverine paper in JWM it appeared that wolverine trapping was low in the trapping record from Southern Alberta.

So a couple questions:

Is there an information base that would include trapping effort and trapping success for wolverines that could be used to understand the potential effects of movement on Wolverine between the US and Canada?

If there is data, who would we need to contact to discuss getting access to the data?
Please let me know if you would like to discuss via the phone.

Cheers
Kevin

p.s. We have met a long time ago at the wildlife society meetings in Calgary, when I was a brand new Ph.D. student. When I was googling your information I saw that we were co-authors in Google Scholar, but could not figure out what the paper was. It looked this morning at my pubs, and it was Krissy Bush's Sage-grouse Genetics work.

--

Kevin Doherty, PhD
Spatial Ecologist
USFWS Region 6 --Science Applications
134 Union Blvd, Lakewood, CO 80228
Phone: (303) 921-0524
Email: kevin_doherty@fws.gov

SAGEBRUSH: OUR BRUSH IS WISER THAN YOURS

--

Mark S. Boyce, Ph.D., FRSC
Professor of Ecology, and
Alberta Conservation Association Chair in Fisheries & Wildlife
Department of Biological Sciences, CCIS 1-271, University of Alberta
Edmonton T6G 2E9 CANADA
tel. 780-492-0081
cell 780-913-3474
website: <http://grad.biology.ualberta.ca/labs/boyce/>

--

Kevin Doherty, PhD
Spatial Ecologist
USFWS Region 6 --Science Applications

134 Union Blvd, Lakewood, CO 80228
Phone: (303) 921-0524
Email: kevin_doherty@fws.gov

SAGEBRUSH: OUR BRUSH IS WISER THAN YOURS

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail.