

**From:** [Krueger, Patricia A -FS](#)  
**To:** [Grizzle, Betty](#)  
**Cc:** [Turner, Ed](#)  
**Subject:** RE: Discussion with Patricia and Data to come...  
**Date:** Friday, January 6, 2017 3:44:42 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)

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Hi Betty,

We received the letter and believe were responsive to it. Ed mentioned to me that there was some difficulty gathering data from Forest Service Research, in particular Rocky Mountain Research Station I recall. Thus our Washington office is willing to assist in providing the data needed if you are having any difficulty getting the data. Thus, let me know if you are having difficulty and I can assist.

For the collection, I just assume that our other regions provided information as appropriate at the time.

Thanks!

Patti



**Patricia Krueger**  
**Regional Threatened and Endangered Species Coordinator**  
**Forest Service**  
**Pacific Southwest Region, Regional Office**

**p: 707-562-8954**  
**c: 707-373-3702**  
[pkruieger@fs.fed.us](mailto:pkruieger@fs.fed.us)

1323 Club Drive  
Vallejo, CA 94592  
[www.fs.fed.us](http://www.fs.fed.us)



**Caring for the land and serving people**

**From:** Grizzle, Betty [mailto:[betty\\_grizzle@fws.gov](mailto:betty_grizzle@fws.gov)]  
**Sent:** Friday, January 06, 2017 2:27 PM  
**To:** Krueger, Patricia A -FS <[pkruieger@fs.fed.us](mailto:pkruieger@fs.fed.us)>  
**Cc:** Turner, Ed <[ed\\_turner@fws.gov](mailto:ed_turner@fws.gov)>  
**Subject:** Re: Discussion with Patricia and Data to come...

Hi Patti - Thanks so much for your assistance with this information request.

**A bit of background:** I have been assigned to work on our agency's listing determination for the wolverine (lower 48 states). As you are probably aware, a Federal court vacated and remanded back to our agency our

proposed rule (from 2014) to withdraw our previous proposed rule (from 2013) to list the species as threatened under the U.S. Endangered Species Act.

We are preparing a new status review for the species and I have been tasked with preparing a status assessment report that will be used to support our next listing determination, which will be a (revised) proposed rule as either warranted for listing or withdrawal of previous proposed rule. Our agency sent out "interested parties" letters in November to various State, Federal, and Tribal partners, which I have **attached here** (this example was sent from our MT office).

I have been reviewing background information and previous studies, as well as newer studies/publications and other information we have received. I am working with Ed to compile all of the wolverine observations in the lower 48 states into a GIS-based format. Once we have finished that, I expect we will conduct various analyses using these data, but this is a deliberative process, so I cannot say exactly what those analyses and results will be.

I hope this addresses your questions about our request for information.

Thanks again,

Betty

On Fri, Jan 6, 2017 at 1:26 PM, Krueger, Patricia A -FS <[pkruieger@fs.fed.us](mailto:pkruieger@fs.fed.us)> wrote:

Hi Ed,

I should have the data for you by Tuesday at the latest per my data person.

Hi Betty,

I did a quick check in with my national leads and they are willing to assist us to get the data you need from our Research branch of the Forest Service. Please provide me with a little more information so that I can share with them so they can start the dialogue/request from their side.

It is our goal in the Forest Service to provide FWS with the information/data necessary so that you/FWS can do your job effectively.

Thanks!

Patti



**Patricia Krueger**  
**Regional Threatened and Endangered Species Coordinator**

**Forest Service**  
**Pacific Southwest Region, Regional Office**

**p: 707-562-8954**

**c: 707-373-3702**

**[pkruieger@fs.fed.us](mailto:pkruieger@fs.fed.us)**

1323 Club Drive  
Vallejo, CA 94592

**[www.fs.fed.us](http://www.fs.fed.us)**



**Caring for the land and serving people**

**From:** Turner, Ed [mailto:[ed\\_turner@fws.gov](mailto:ed_turner@fws.gov)]  
**Sent:** Friday, January 06, 2017 10:19 AM  
**To:** Betty Grizzle <[betty\\_grizzle@fws.gov](mailto:betty_grizzle@fws.gov)>  
**Cc:** Krueger, Patricia A -FS <[pkruieger@fs.fed.us](mailto:pkruieger@fs.fed.us)>  
**Subject:** Discussion with Patricia and Data to come...

Hello Betty, I just got off the phone with Patricia regarding the Wolverine data and she is going to be a major help.

She will work on a request to pull all Wolverine data from the USFS National Database and that will really help up in the northern region. With luck we will have those data next week sometime. I will then compare to some of the other data we received. The new data pull will be the most up-to-date, unless we have received information that was not yet submitted to the National Database.

She also encouraged that you can reach out to her for assistance for additional data needs, information on what is happening with other USFS researches within the R6/R1, etc.

Very positive and productive call.

Hope this helps,

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](mailto:Ed_Turner@fws.gov)  
760.431.9440 x266

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Betty J. Grizzle, D.Env.  
Fish and Wildlife Biologist  
U.S. Fish and Wildlife Service  
Carlsbad Fish and Wildlife Office  
2177 Salk Ave, Suite 250  
Carlsbad, CA 92008  
760-431-9440, ext. 215  
760-431-5901 fax







