From: Lindstrom, James
To: Wiechman, Lief
Cc: Juliusson, Lara; Ed Turner; Rich Young; Pat Deibert
Subject: Re: GRSG: GIS Team, denominator acreages for MZs and portion of MZ I in U.S. vs. Canada
Date: Thursday, March 26, 2015 2:28:51 PM

I believe it's been settled that for GIS analysis in MZ 1 we will only be working within the US. Now that the Current Range data is updated I can create a new WORKING Current Range layer that addresses our needs for GIS work. That being said, I'll have to do that when I return next week (4/1). Sorry.

Jim

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On Thu, Mar 26, 2015 at 6:11 AM, Wiechman, Lief <lief_wiechman@fws.gov> wrote:

> All,
>
> I'm fine with this approach. I was on the phone with folks from Canada yesterday and have requested their critical habitat layers (which will be more refined than the Schroeder map, but completely encompassed within. It is the product of a modeling effort not entirely different from Kevin's modeled distribution. All that being said, we won't have the necessary base layers to replicate the distribution or abundance models in Canada, nor do we have the same, consistence information about threats.
>
> So, Lara's suggested approach of MZ - 1 US and MZ -1 Canada works. We may not have as much information to calculate the same figures on both sides of the border. I'm attempting to get lek count information as we speak.
>
> LW
>
>
> ***Lief Wiechman***
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>
>
> On Tue, Mar 24, 2015 at 1:36 PM, Juliusson, Lara <lara_juliusson@fws.gov> wrote:
>
> > Thanks Jim,
> >
> > If the MZ I polygon were divided into a U.S. and Canada polygons and named something

like "MZ I - U.S." and "MZ I - Canada", we could split them when necessary, for example I will need to do so for the O&G model, and lump them when needed.

Lara

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On Tue, Mar 24, 2015 at 1:25 PM, Lindstrom, James <james_lindstrom@fws.gov> wrote:

Good question Lara, I've been thinking about that as well. I guess the question is, should we ignore Canada for analysis where we don't have any data for Canada? Which would mean acreages and percent of (layer x) for MZ1 would only be for the US portion.

I can't make that call but I do think we need that answered before moving on. Definitely need input from the Bio's.

Jim

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On Tue, Mar 24, 2015 at 1:13 PM, Juliusson, Lara <lara_juliusson@fws.gov> wrote:

Hi all:

Ed, I remember a while back you sent out a table you were using with standard acreage totals for current range within each MZ. This was useful as the denominator when creating area percents.

A couple of questions on that. First, did you create that based on totals by MZ from the "Acres" field in the "GRSG_2015_StatusReview_WORKING_CurrentRangeMZ.shp" file?

If so, did you subtract the acres in MZ I that are not in the U.S., since our threat data is going to be for the U.S. only (maybe with rare exceptions)?

Finally, Jim, I know you are working on updates to the range/MZ file now based on Kevin's distribution data, and I am wondering if it would make sense to have MZ I

broken into a U.S. portion and a Canada portion, for the benefit of teasing out U.S. calculations.

Food for thought for tomorrow's meeting.

Thanks,
Lara

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