

From: [Guinotte, John](#)
To: [Juliussen, Lara](#)
Cc: [Stephanie Belarde](#)
Subject: Re: range maps
Date: Friday, February 17, 2017 9:10:13 AM

THanks Lara, Coming up with a range map for the toad is pretty tough given there isn't a lot of information. HUC seems like the way to go there. We need to come up with a current range map for wolverine and we have a lot of point occurrence data to use. I was just wondering if there is a standard operating procedure for doing this within the FWS? If there is, I haven't seen it.

Best, John

On Fri, Feb 17, 2017 at 8:57 AM, Juliussen, Lara <lara_juliussen@fws.gov> wrote:

Hi John,

I don't know of a standard method. As you know it was decided for the Boreal toad SSA that I should summarize up to HUC 12 for occurrence maps.

Hi Stephanie! Do you know the answer to John's question, or have in info in terms of how ECOS does it? This would be great to know for SSA work.

Lara

Lara Juliussen, Senior Geographer/Ecologist

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Decision Support Branch

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On Fri, Feb 17, 2017 at 8:52 AM, Guinotte, John <john_guinotte@fws.gov> wrote:

Hi Lara,

Do you know if FWS has a standard procedure for creating species range maps from point occurrences? If so, please pass it along.

Thanks JOhn

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