

From: [Belarde, Stephanie](#)
To: [Guinotte, John](#)
Cc: [Juliussan, Lara](#); [Mark Saunders](#)
Subject: Re: range maps
Date: Tuesday, February 21, 2017 8:29:27 AM

Hello!

I haven't heard of anything super specific outside of general guidance being developed in a Current Range data standard - includes definitions, responsibilities, etc and not an SOP for generating the range. That standard is currently in draft form being review by HQ.

I chatted with Mark Saunders (does some GIS here at ECOS) and he mentioned the Topeka shiner where they had point location data and ended up with HUCs for the current range. I believe we assisted the FO for the SSA. Mark - chime in on any of this if needed.

Thanks-
Stephanie

On Fri, Feb 17, 2017 at 9:10 AM, Guinotte, John <john_guinotte@fws.gov> wrote:

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, Juliussan, Lara <lara_juliussan@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 Juliussan, Senior Geographer/Ecologist

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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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