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**From:** Brittany Cunningham - NOAA Affiliate <brittany.cunningham@noaa.gov>  
**Sent:** Friday, January 4, 2019 10:33 AM  
**To:** Kristin Begun - NOAA Affiliate  
**Subject:** Re: Keep calm and ROC on LTO--Status of the species section

Hi Kristin,

Attached is the file I've been working on for the Steelhead SOS. I was able to update all graphs to 2017.

There is only one thing I had a problem with. I had trouble recreating the last graph of **Figure B-12**. I used the Chipps Island Trawl Data downloaded from USFW Lodi website. With this data the first two graphs for total catch and % ad clipped matched the previously made graphs. But I could not get my values to match the CPUE graph, you can see what I graphed. My CPUE is reported in fish per million cubic meters, which is what I believe the older graph uses too.

Let me know if you want anything altered or have any questions.

Brittany

On Mon, Dec 31, 2018 at 11:24 AM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:  
Right on. I'm glad Duane is getting you updated data. Yes, that should be all that needs to be changed. Thanks again for working on this.

Happy New Years Eve!  
Kristin

Kristin Begun, Natural Resource Specialist  
Contractor with Ocean Associates, Inc.  
NOAA Fisheries West Coast Region  
[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)

On Wed, Dec 26, 2018 at 11:20 AM Brittany Cunningham - NOAA Affiliate  
<[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:  
Hi Kristin,

Yes, I will be working and plan to work on that. I'm finishing up something else today, but then I'll be able to work on it.

I haven't made any big text changes, just any grammar or syntax stuff I saw, and then updated figures. This is what you had in mind, correct? CDFW's Duane Lindander is working to get me steelhead return data from the hatcheries and that's really the last big thing I am working on for it.

On Wed, Dec 26, 2018 at 11:05 AM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:  
Hi Brittany, it sounds like you are continuing to work during the shutdown? I will be too. I'm hoping to finish the SOS sections. Is that something you plan to work on too?

On Thu, Dec 20, 2018 at 4:57 PM Brittany Cunningham - NOAA Affiliate

<[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

No problem! Thanks, I will try those people.

Brittany

On Thu, Dec 20, 2018 at 2:21 PM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:

Hi Brittany,

Sorry I didn't see your email from yesterday. I was unable to access my computer because of CAC card issues. I don't have current steelhead return data, but you can ask someone from CDFW or USFWS. Here's is Duane Lindander's email: [duane.lindander@wildlife.ca.gov](mailto:duane.lindander@wildlife.ca.gov) and Kevin Niemela: [kevin\\_niemela@fws.gov](mailto:kevin_niemela@fws.gov)

Kristin

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On Wed, Dec 19, 2018 at 9:07 AM Brittany Cunningham - NOAA Affiliate

<[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

Hi Kristin,

I have been able to update most of the steelhead figures up to 2017, but I haven't been able to get updated data for Figures B-8: Steelhead Returns to Coleman National Fish Hatchery, or B-11: Steelhead returns to the Feather River Fish Hatchery.

Do you have any recommendations for contacts who might have this data?

Thanks,  
Brittany

On Thu, Dec 6, 2018 at 3:56 PM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:

Yes, good catch. Let me know if you get hung up on anything.

On Thu, Dec 6, 2018 at 3:41 PM Brittany Cunningham - NOAA Affiliate

<[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

I think I understand. Also, I just noticed that two figures under the steelhead section are marked B-12. So in changing the numbering, obviously, it will change the numbering of the figures below this for green sturgeon.

On Thu, Dec 6, 2018 at 2:47 PM Kristin Begun - NOAA Affiliate <[kristin.begun@noaa.gov](mailto:kristin.begun@noaa.gov)> wrote:

I'm finding that problem too. Wherever possible, let's try to update the numbers/graphs/tables if we can locate the source. We don't need to update everything, just what seems relevant. This was just updated 2 years ago, so is pretty current.

Let me know if this task is unclear and we can chat.

Kristin

On Thu, Dec 6, 2018 at 2:21 PM Brittany Cunningham - NOAA Affiliate

<[brittany.cunningham@noaa.gov](mailto:brittany.cunningham@noaa.gov)> wrote:

Just to clarify, in checking the up-to-date-ness of "any data mentioned" do you mean broadly, for example any time a number is cited, or for figures, or something else. It seems like most of the figures in this section don't cite exactly where their data came from.

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