



Finley, Laura <laura_finley@fws.gov>

Checking in on some data from Final Bobcat/Fisher Report

6 messages

Finley, Laura <laura_finley@fws.gov>

Wed, Sep 2, 2015 at 2:08 PM

To: Sean Matthews <sean.matthews@oregonstate.edu>, Mark Higley <mhighley@hoopa-nsn.gov>

Well as usual a time crunch around here on getting ready for next round of fisher listing related discussions. I know that both your plates are overflowing and Mark it must be getting close to the time to for a deer census somewhere. I am pulling together updated info for a presentation and the info below is what I have that is most current to the work on Hoopa. Just wanted to make sure that this is the most current info-just in case you have had time to re-run numbers with any new data you have gathered. Have copied and pasted from your 2013 report some of the text that I was planning on being part of our discussion. Hope you both are hanging in there. If there is another report or analysis that you think if more appropriate for me to use for Hoopa please don't hesitate to send me that way.

laura

The age structure of the population seems to be changing in different ways with the mean age of females generally increasing while it may be decreasing for males (Figure 25). In addition, the mean age of females is generally near 2.5 years while males are often at or below 2 years (Figure 25). Although the age data for new individuals captured in 2012-13 is unavailable until June 2013, these patterns will likely continue given that more than half of the total male population was comprised of new animals, which generally average lower than 1 year old, while only 1/3 of females were new animals in 2012-13 (Figure 560 21).

Table 27 Fisher (*Pekania pennant*) lambda estimates from random effects models, SE, 95% CI median c-hat and sample sizes for the population as a whole, males and females separately, Hoopa fisher density study area, Humboldt County, CA, 2005-06 to 2011-12.

	Lambda	SE	lower	upper	c-hat	Animals
Both Sexes						
Combined	0.992	0.055	0.883	1.100	2.16	221

Males Only	0.912	0.069	0.777	1.047	1.409	103
Females Only	1.038	0.081	0.881	1.196	2.579	118

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Matthews, Sean <Sean.Matthews@oregonstate.edu> Thu, Sep 3, 2015 at 9:20 AM
To: "Finley, Laura" <laura_finley@fws.gov>, Mark Higley <mhigley@hoopa-nsn.gov>

Hi Laura,

I am working on a couple of different Hoopa pieces, habitat at the home range, site, and micro-site scales. Unfortunately, nothing is ready for prime-time yet. The survival pieces you have below are in Mark's court. I'm not sure if he's had opportunity to re-run these with more recent data. I've also been talking with Aaron Facka on approaches with these data from what he's working with from Stirling. Some exciting ideas, but still coming together. I'll be sure to keep you posted as all these efforts continue to move forward.

Sincerely,

Sean

From: Finley, Laura [mailto:laura_finley@fws.gov]
Sent: Wednesday, September 02, 2015 2:09 PM
To: Matthews, Sean; Mark Higley
Subject: Checking in on some data from Final Bobcat/Fisher Report

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Finley, Laura <laura_finley@fws.gov> Thu, Sep 3, 2015 at 9:23 AM
To: "Matthews, Sean" <Sean.Matthews@oregonstate.edu>
Cc: Mark Higley <mhigley@hoopa-nsn.gov>

Thanks Sean. Just want to make sure I have the most current info on all the work everyone is doing-well at least as current as can be for next week. Next week will not be easy. As you know with the latest round of listing decisions the best I feel I can do is to have the latest and greatest info from there it is out of my "pay grade".

[Quoted text hidden]

Matthews, Sean <Sean.Matthews@oregonstate.edu>
To: "Finley, Laura" <laura_finley@fws.gov>
Cc: Mark Higley <mhigley@hoopa-nsn.gov>

Thu, Sep 3, 2015 at 9:45 AM

Sounds busy and complicated. Good luck Laura!

Sean

From: Finley, Laura [mailto:laura_finley@fws.gov]
Sent: Thursday, September 03, 2015 9:24 AM
To: Matthews, Sean
Cc: Mark Higley
Subject: Re: Checking in on some data from Final Bobcat/Fisher Report

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Mark Higley <mhigley@hoopa-nsn.gov>
To: "Finley, Laura" <laura_finley@fws.gov>, "Matthews, Sean"
<Sean.Matthews@oregonstate.edu>

Thu, Sep 3, 2015 at 11:49 AM

Laura,

I have not completed any additional demographic analysis since the last final report. I could do it relatively quickly but it would not be in a citable report for quite a while. The trend in age structure has continued since the last report, however I haven't summarized that data yet either. Wish I could be of more help.

Mark

From: Finley, Laura [mailto:laura_finley@fws.gov]
Sent: Thursday, September 03, 2015 9:24 AM
To: Matthews, Sean <Sean.Matthews@oregonstate.edu>

Cc: Mark Higley <mhigley@hoopa-nsn.gov>

Subject: Re: Checking in on some data from Final Bobcat/Fisher Report

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Finley, Laura <laura_finley@fws.gov>

Thu, Sep 3, 2015 at 11:55 AM

To: Mark Higley <mhigley@hoopa-nsn.gov>

No worries Mark, thanks for the email back. If your very well informed sense is that no strong indication of change since that report then I am good with that and what I will present next week. Final date for this all to be "done" again is in April.

The work you are doing with the gang on the MJ grow site modeling is huge so don't underestimate how much help you are providing!

laura

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