

Shoemaker, Rebecca

From: Frank T van Manen <fvanmanen@usgs.gov>
Sent: Wednesday, September 05, 2012 7:35 AM
To: Chris Servheen
Cc: mark_haroldson@usgs.gov; Rebecca Shoemaker
Subject: Re: final report edits

OK, I think we're all in agreement on the group's view on this. However, this does bring up a question regarding the proposed supplement document. Since the mark-resight technique is still being evaluated, what would happen IF we realized application of the mark-resight estimator does not pan out as we anticipated? In that case, we could not transition to a new estimator, which would contradict the supplement.

I don't want to prolong this process or be an alarmist but thought we should at least anticipate what to do for such a scenario? FYI, there are 3 issues that still need to be addressed: 1) the mark-resight estimates have low precision; 2) moth-site only flights have no measure of precision so how do we obtain a final confidence interval for the total estimate of Fcoy; 3) because we cannot backcast mark-resight estimates to 1997 (we don't have moth site-only data), 2012 is the starting point for these estimates, so smoothing a trend line will take a number of years.

Mark and I have a full-day training today and Friday but will be able to finalize and post the report on our website tomorrow and get comments back on the proposed supplement. Just thought I should raise this issue now.

Frank

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From: Chris Servheen <chris.servheen@cfc.umt.edu>
To: Frank T van Manen <fvanmanen@usgs.gov>
Cc: "mark_haroldson@usgs.gov" <mark_haroldson@usgs.gov>, Rebecca Shoemaker <rebecca.shoemaker@cfc.umt.edu>
Date: 09/04/2012 04:15 PM
Subject: Re: final report edits

I see it as you see it, Frank.
Chris

Sent from my iPhone

On Sep 4, 2012, at 4:07 PM, "Frank T van Manen" <fvanmanen@usgs.gov> wrote:

Chris and Rebecca,

Thanks for the edits; we can address all comments but I want to make sure we are all on the same page with regard to the recommendation to transition to the new mark-resight estimator as described in Executive Summary point #3. Rebecca's comment was *"are we really recommending that we transition from the current protocol" since we'll continue to use both methods? should this say, "the group recommends indexing abundance using a mark-resight estimator in addition to the current protocol"*

My sense from the group discussion at the workshop was for the mark-resight estimator to become the primary method for (unbiased) estimates of Fcoy, total population size, mortality limits, etc. and thus would serve to replace the Knight-Chao2 method (although we're still evaluating mark-resight and will keep using the Knight-Chao2 estimator for the time being). Let me know if this is not how you all interpreted this....I bring this up because this may have some implications for the proposed supplement document as well (i.e., demographic criterion #1 is being changed?).

Frank

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From: Chris Servheen <chris.servheen@cfc.umt.edu>
To: 'Frank T van Manen' <fvanmanen@usgs.gov>, "mark_haroldson@usgs.gov" <mark_haroldson@usgs.gov>
Cc: Rebecca Shoemaker <rebecca.shoemaker@cfc.umt.edu>
Date: 09/04/2012 01:07 PM
Subject: final report edits

<ATT00001.gif>

Guys,

Here are the final report edits (we hope).

c&r

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"If there are no dogs in heaven, then when I die I want to go where they went." - Will Rogers
[attachment "GYE monitoring mortality workshop report FINAL DRAFT (30Aug2012) CS_RS edits.docx" deleted
by Frank T van Manen/BRD/USGS/DOI]