

From: [Falxa, Gary](#)
To: [Grant, Colin](#)
Subject: Re: ASP updated tables
Date: Tuesday, December 18, 2012 2:01:55 PM
Attachments: [ASSP Generation time estimation v2.xlsx](#)

Hi Colin,

Sure, I can do that. Would you like me to go over the formula and calculations, the definition/concept, or both?

If it helps, I only used the Saether paper as the source of the formula used to estimate generation time for birds, nothing else. There are more complex formulas out there (based on the same concept but using life tables), but I was looking for something simple and accepted/published, which Saether's formula met on both counts.

I've attached a revised version of the Excel file with generation time calculations. I added a bit more background, explanation and details, and also corrected a typo in the formula (the actual calculations were correct, but the text version of the formula had a typo). I've included new values from Nur et al's draft report, on adult survivorship and breeding age. If we wanted to use the Nur et al. survivorship and age of first breeding estimates, the effect would be fairly small (13 yrs estimated generation time, instead of 10 yrs). One could also use a survivorship value of 0.84, which is midway between the estimates of Nur et al (0.88) and Sydeman et al (0.80). The latter gives a gen. time of about 11 yrs. This is all in the spreadsheet.

cheers,

..gary

On Tue, Dec 18, 2012 at 10:41 AM, Grant, Colin <colin_grant@fws.gov> wrote:

Hi Gary,

Thanks. I have read over the Saether paper and am still having trouble understanding the generation time. I was hoping that you could walk us through a ten minute summary on the ten year generation time at the start of the call Thursday. Would that be possible? If so, I will put it on the agenda.

thanks

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On Mon, Dec 17, 2012 at 2:07 PM, Falxa, Gary <gary_falxa@fws.gov> wrote:

Hi Colin,

Here are some comments on the threats and occurrences tables. Pretty minor stuff.

Talk to you on Thurs.
..gary

On Tue, Dec 11, 2012 at 1:15 PM, Grant, Colin <colin_grant@fws.gov> wrote:

Hi Gary,

Good question. You can go ahead and comment on the occurrence table and definitions. Why don't we hold off on the threats table as it is still in prelim. stages. We can talk about any comments on that when we go over the table next week.

Thanks

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----- Forwarded message -----

From: **Falxa, Gary** <gary_falxa@fws.gov>
Date: Tue, Dec 11, 2012 at 1:06 PM
Subject: Re: ASP updated tables
To: "Grant, Colin" <colin_grant@fws.gov>

Thanks, Colin,

Did you want us to review and provide comments on either of these or the definitions document before our next call? I had just started to look at the threats and definitions ones again.

...gary

On Tue, Dec 11, 2012 at 10:37 AM, Grant, Colin <colin_grant@fws.gov> wrote:

Hi All,

The updated occurrence table is ready for review. I am still waiting on some Santa Cruz Island data to replace the 2011 sea cave data. When this data is input, the percentages could change slightly.

I have also attached the preliminary threats table. You will notice that there are a lot of blanks. During the next call, we will be going over the table threat by threat. I will be sending out the agenda for next Thursdays call early next week.

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