From: David Dahlgren
To: Jason Robinson; Renee Chi; Eric Ellis; Jay Martini
Subject: Re: Meetings April 1 and 2
Date: Monday, March 31, 2014 8:58:35 AM
Attachments: ScreenHunter_26 Mar. 31 08.56.jpg

All,

Another option is to use lek counts to generate a growth rate (lambda) for a population. All lek count data can be used and data doesn't need to be ignored. It is a little more robust than just lek count trend, and is why Idaho has gone to this method.

equation is attached

Where = number of males counted at lek *i* in year *t*, across *n* leks counted in years *t* and *t+1*.

On Fri, Mar 28, 2014 at 11:47 AM, David Dahlgren <dkdbio@gmail.com> wrote:

> Jason
>
> You have been volunteered. The group that met this morning is going to meet again next week wed morning 9am. However they want us (me you and Renee) to run some lek numbers before the meeting to help define these triggers for population change. So we will need to meet Tues morning to do some lek count work.
>
> I have something Tues afternoon and need to be on DLL by 2 pm or so. So could we meet at 8 am Tues morn at your office?
>
> Let me know ASAP
>
> Thanks.

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$$\lambda(lek,t) = \frac{\sum_{i=1}^{n} M_i(t+1)}{\sum_{i=1}^{n} M_i(t)}$$