Subject: Re: Median forcing requirements from 2014 GCB paper
From: Julia Laube <julia.laube@wzw.tum.de>
Date: 7/26/17, 5:00 PM
To: Elizabeth Wolkovich <lizzie@oeb.harvard.edu>

Dear Lizzie,

sure I remember you, hope you are still doing fine in Harvard! I´m sorry for the late reply, I stopped working at Annettes´s lab, and am currently changing flat, so I didn´t check mails regularly.

Oh a meta analysis is interesting. Sure you know that Constantin Zohner (his Nature Climate Change article) thinks that American trees are adapted to erratic springs, and thus need higher forcing. However I´m not sure if that effect wasn´t produced by Richard Primack keeping very high nighttime temperatures, actually.

So well, the sums were calculated as day sums with no base temperature or let´s say a 0°C base temperature from January 1st onwards. The daily sums were not summed up as (daily min + daily max) / 2, but just as daily mean temperatures.

Hope that´s clear? If you need any further value/information, please let me know.

Best wishes,

Julia

Am 17.07.2017 um 22:44 schrieb Elizabeth Wolkovich:

> Hi Julia,
>
> I hope this note finds all well with you. I am not sure if you will remember meeting me, but we met in Vienna couple years ago (and perhaps once before) then, and we exchanged emails regarding postdocs etc..
>
> I am writing now because I am working on a meta-analysis of growth chamber studies and would like to include your 2014 Global Change Biology study. We extracted some of the data from figure 2 but to use it in our analysis we need to know how you calculated your forcing units and I did not see an description. I assume it is a GDD sum? Is that correct and if so how did you calculate it (e.g., what base temperature)?
>
> Thank you for any information!
>
> All the best,
>
> Lizzie