



Alfonso Allen-Perkins <alfonso.allen.perkins@gmail.com>

Fwd: Crop Pollinator database**Ignasi Bartomeus** <nacho.bartomeus@gmail.com>

5 de octubre de 2020, 8:53

Para: Alfonso Allen-Perkins <alfonso.allen.perkins@gmail.com>, Finbarr Horgan <f.horgan@ecolaverna.org>

Dear Finbarr,

Thanks for your contribution. We are still compiling the database, so the timing is perfect. I'll add Alfonso in copy who will process the data and let you know if there is anything unclear. Regarding the extra data, this is completely up to you, if you have time, it will be welcomed.

Thanks again and best regards,
Ignasi

On Sun, Oct 4, 2020 at 11:40 PM Finbarr Horgan <f.horgan@ecolaverna.org> wrote:

Dear Ignasi,

I hope you are well. Please excuse my delay in getting back to you - a pandemic happened!
I have compiled the pollinator data from the Philippine study as I mentioned. I have 5 crops in the data set at the moment. Can you take a look at the data sheet attached and let me know if there is a need for any changes. Please note that these were small crop areas in an otherwise rice habitat. I do have some more data if you are interested, this is related to sunflower seeds and beans. I was thinking after I input the data that it may be easier to relate sunflowers and beans to other studies - however, the management of the crops was not for production, so it could also give an unusual image. In any case, if you would like that data I can work on it also. I am also happy to send any supporting information you may require - or help in any other way.
I look forward to hearing from you.
Kind regards
Finbarr

On Fri, Jan 31, 2020 at 9:04 AM Ignasi Bartomeus <nacho.bartomeus@gmail.com> wrote:

Dear Finbarr,

We would love to have your data on board. You are right that the greenhouses data may not be suitable for some questions about diversity, but maybe interesting for relating visitation to yield, so you are welcome to contribute it if you agree with my point of view. Regarding the Philippines data, most studies pool per site and crop type, and we set a minimum of 5 sites per crop. You can either sum/average all 10 plots per site and crop, for example. But you know better your data and which will be the most appropriate level of replication.

More info here: <https://www.beeproject.science/croppollination.html>

Thanks a lot,
Best,
Ignasi

On Thu, Jan 30, 2020 at 11:54 PM Finbarr Horgan <f.horgan@ecolaverna.org> wrote:

Dear Ignasi,

I have conducted research on pollinators in Ireland and in the Philippines. I would like to have our data stored in your database and contribute to global studies. However, I am not clear on whether our data would be suitable. In Ireland, we have data from greenhouses (strawberries) with imported bumblebees (therefore no diversity). In the Philippines we surveyed pollinators over two years at six sites. These included moths, butterflies, beetles, bees, wasps, etc. The diversity was high. We also assessed visitations and crop yields. However, our study focused on small plots in rice fields. When you state that you require at least five fields, do you mean five continuous fields of a single crop, or five sites? Our sites had each about 10 sampled plots for each crop type. Also, are the small plots we used (2m²) of any interest to you?

I look forward to hearing from you, and wish you the best in your research.
Sincerely

Finbarr

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