



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

Re: Global Crop pollination database

Charlie Nicholson <ccnicholson@ucdavis.edu>

3 de julio de 2020, 2:45

Para: Ignasi Bartomeus <nacho.bartomeus@gmail.com>

Cc: Alfonso Allen-Perkins <alfonso.allen.perkins@gmail.com>, Taylor Ricketts <Taylor.Ricketts@uvm.edu>

Hi all,

I have pulled together all the data requested. Thanks again for thinking of us Nacho.

A few notes on the data that I am sharing with you, in the order of the tabs/columns on which they occur:

1. *insect_sampling/pollinator*: we purposefully did not collect honeybees during our aerial netting of diversity. Therefore you will not find *A. mellifera* in our collection. You can see from the visitation data we provide that honeybees are relatively uncommon visitors in our system
2. *insect_sampling/abundance*: rather than summarise for you, I am providing the raw specimen data. Therefore the abundance value will be 1 for all entries. I have added an additional column for Year and Date. These should help join site/year summaries to the "field_level_data"
3. *field_level_data/yield*: I have provided the kg/ha under normal conditions, i.e., yield derived from berry mass and fruit set from our "open pollinated" treatment. You will also notice that we do not have yield data for every farm (9/15 farms) and I do not provide separate yield values for different years. This is keeping with our 2019 publication where we provide an average yield effect. I could with some digging disaggregate some of the yield metrics to site/year.
4. *field_level_data/yield_treatments_pollen_supplement*: these values are expected kg/ha under pollen supplemented conditions, i.e., yield derived from berry mass and fruit set from our "hand pollinated" treatment.
5. *field_level_data/fruitweight*: these values are the g/berry for open pollinated fruit
6. *field_level_data/abundance*: We also have measures of abundance collected from 10 min 1m² observations for the same guilds that we have visitation data for. If required, I could provide these data as well. They are not independent of and highly correlated with visitation.
7. *field_level_data/visit_wildbees*: these values do not include bumblebee visits
8. *field_level_data/credit*: I listed myself and Taylor as the primary authors of these data. If space is not an issue the authors from the 2 respective publications could be listed as well

Looking at the project website, I am very excited by the data you will be able to leverage at the types of questions you are asking. This is important and timely work! I see there is a data paper with expected publication in 2021. What is the timeline for other aspects of the project?

Best,

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[Lab webpage](#)

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