EDUARDO FERNANDEZ PASCUAL

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Enviado el: sábado, 30 de octubre de 2021 16:12
Para: efernandezpascual; EDUARDO FERNANDEZ PASCUAL; EDUARDO FERNANDEZ PASCUAL
Asunto: Conopodium data and affiliation address for review submission
Datos adjuntos: conopodium.data.txt; bas.txt; her.txt; ber.txt; cho.txt; fle.txt; tre.txt; leo.txt; wak.txt; environment.conopodium.txt; Latitude conopodium field data full and complete.xlsx; T daily england and norway.xlsx; Conopodium latitude embryo growth in the field EHS 15 May 2015.xlsx; curve fitting temperature time to event.R

Hello Eduardo,

here I send you the data of Conopodium and the script that I've used to calculate germination curves in Betula. Since the Conopodium growth curves were calculated with Origin maybe we can recalculate them in R using that method (or a better one!)
There are also the data on environmental heat sum that I've calculated but not included in the chapter because we did not decided how to use them: they could be a good resource, if there is time, to reshape the paper's conclusions.
Summarising, these are the attachments:
- raw data by single population (date*temperature*replicate)
- averages for each date*temperature*population of the 10 replicates ("conopodium.data.txt")
- environmental data, included worldclim data obtained at a resolution of 30 sec with simple method ("conopodium.environment")
- daily average temperature logged in England and in Norway ("T daily England and Norway)
- "Latitude conopodium field data full and complete" that is a bit a confused file but is the only one in which I have all the field experiment data. Basically, embryo growth of three populations (CHO, WAK and BER) buried in Bergen and in Wakehurst
- A tentative to calculate Environmental Heat Sum on the basis of daily and half hourly logged temperatures for the three population buried in the two field experiments. The cardinal temperatures used to make the calculation were obtained by modelling the results of the laboratory experiments for each population
- code used to model germination in Betula using R ("curve fitting temperature time to event")

Regarding the review, I've rewritten the last paragraph of the introduction addressing one of the two main criticisms of the editor (that in the Introduction did not describe any work hypothesis). I'm ready to send it and finger cross, just want to ask your current affiliation address

Best Wishes

Cristina