

## EDUARDO FERNANDEZ PASCUAL

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**De:** Veronica Briceno <[vbricenor@gmail.com](mailto:vbricenor@gmail.com)>  
**Enviado el:** lunes, 12 de agosto de 2019 2:34  
**Para:** Borja Jiménez-Alfaro  
**CC:** EDUARDO FERNANDEZ PASCUAL  
**Asunto:** Re: seed ecological spectrum- Chilean species  
**Datos adjuntos:** SESdata\_VBChile.xlsx; SESmethodsChile\_VB.docx; SpeciesSESdataVB.docx

Hello Borja and Eduardo,

I hope you are having a good field trip. Here I attached germination data of 27 Chilean sp from the Southern Andes (Mocho-Choshuenco Volcano, Los Ríos region). These seeds were collected in several places in the volcano, including different slopes (happy to include location data and temperature data too). This is the raw data including: collect number, species abbreviation and the days when measurements were done (from day 3 till day 159). I have 27 species but for some of them I collected seeds from several populations (I wanted to test within species differences in germination), so some species have a number after the abbreviation for example *Cerastium1\_a* (*Cerastium* population 1 petri dish rep a). The species that have several populations are:

*Adesmia emarginata* (7pop)  
*Cerastium arvense* (8pop)  
*Hypochaeris tenuifolia* (3pop)  
*Montiopsis gayana* (4pop)  
*Olsynium junceum* (6pop)  
*Senecio chionophyllus* (2pop)  
*Sisyrinchium pearcei* (10pop)

Also, I did a move a long experiment, so I exposed seeds to seasonal changes of temperatures, simulating soil temperature we have measured in the field. So, seeds were exposed to Summer conditions (22/10C) for 5 weeks (day 3-33), Autumn (12/5C) for 5 weeks (from day 36-57), winter conditions (0C simulating soil temp. under snow) for 9 weeks (from day 60-105), then they were exposed to Spring conditions (10/5C) for 5 weeks (from day 108-132) and finally they were exposed to summer conditions again for 3 weeks (from day 135-159).

I have attached here the raw data, a list of the species and part of the methods. I'm currently working on this data so I'm more than happy to clarify any doubts or expand the data set (temperature, elevation, etc). I hope this is good and useful..

Regards

Verónica

On 5 Aug 2019, at 19:50, Borja Jiménez-Alfaro <[jimenezalfaro.borja@gmail.com](mailto:jimenezalfaro.borja@gmail.com)> wrote:

Dear Veronica.

Welcome back! From my side, there is still time for joining the group. Could you please send your data (or a detailed description of it, if you did not do yet) in the next days? I will meet Eduardo in the fieldwork since this Thursday and we will discuss the project, so it will be great to know more about your data.

Best,

Borja

On Mon, 5 Aug 2019 at 01:55, Veronica Briceno <[vbricenor@gmail.com](mailto:vbricenor@gmail.com)> wrote:

Hello Eduardo and Borja,

I'm very sorry I have been absent for long time. I have been in a long maternity leave period and also I just move from Chile to Australia to start a Post-doc in Nicotra Lab. I'm now back at work and I wonder if it's too late for me to get involve in the seed ecological spectrum working group. I will totally understand if that is the case, or if you think it's is still possible for me to get involve I can send you my data set to show you what I have (germination of 23 species from the Southern Andes of Chile, using a move a long experiment).

Thanks to both of you and my apologies for not being in contact

Regards

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Borja Jiménez-Alfaro ([web](#))

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C/ Gonzalo Gutiérrez Quirós s/n

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