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Jose B. Lanuza

PhD candidate in plant reproductive strategies and plant-pollinator interactions

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Currently

I'm about to finish my thesis in November 2021 and I'm currently looking for postdoctoral positions to continue my scientific career

Education

2017 **University of New England** PhD (supervisors: Romina Rader and Ignasi Bartomeus)

2015-16 **University Pablo de Olavide** MSc Biodiversity and Conservation Biology

2010-15 **University of Seville** BSc Biology

Presentations

Oral speech "Plant reproductive trade-offs and plant-pollinator interactions at contrasting ecological scales". Thesis overview (20th January 2022, Seville)

Oral speech "Recipient and donor characteristics govern the hierarchical structure of heterospecific pollen competition networks" at XVII ECOFLOR meeting (4th March to 6th of March 2020, Bilbao)

Oral speech "Pollinators can change the plant-plant competition regimes" at XIV MEDECOS and XIII AEET meeting (31st of January to 4th of February 2017, Seville)

Publications

Lanuza, J. B., Allen-Perkins, A., & Bartomeus, I. (2022). The non-random assembly of functional motifs in plant-pollinator networks. bioRxiv.

García-Callejas, D., Godoy, O., Buche, L., Hurtado, M., **Lanuza, J. B.**, Allen-Perkins, A., & Bartomeus, I. (2021). The non-random structure of multi-trophic ecological interactions maximizes species coexistence within ecologically realistic constraints. bioRxiv.

Lanuza, J. B., Rader, R., Stavert, J., Kendall, L. K., Saunders, M. E., & Bartomeus, I. (2021). Trade-offs among plant reproductive traits determine interactions with floral visitors. bioRxiv.

Lanuza, J. B., Bartomeus, I., Ashman, T. L., Bible, G., & Rader, R. (2021). Recipient and donor characteristics govern the hierarchical structure of heterospecific pollen competition networks. Journal of Ecology, 109 (6), 2329-2341.

Lanuza, J. B., Bartomeus, I., & Godoy, O. (2018). Opposing effects of floral visitors and soil conditions on the determinants of competitive outcomes maintain species diversity in heterogeneous landscapes. Ecology letters, 21(6), 865-874.

Technical skills

- R (Rstudio/Markdown)
- Git
- Stats
- Species Taxonomy
- Field work experience

Projects

`2017-to date` *PhD: Insights of plant reproductive trade-offs and plant-pollinator interactions at contrasting ecological scales*

`2016-2017` *Master thesis: Biotic and abiotic factors can change plant-plant competition regimes* Effects of salinity and pollinators on plan coexistence.

`2015-2016` *Undergraduate thesis: Pollination in heterostyly plants* Database with the main characteristic of heterostyly plants (never done it before).

Languages

1. Spanish (native)
2. English (advanced) TOEFL, C1 level (October 2016)

Placements

2021-22 **Research assistant** (*Biological Station of Donana, Spain*) One year contract helping in the H2020 project Safeguarding European wild pollinators.

2018-2020 **Commonwealth scientific and industrial research (CSIRO) top up scholarship** (*University of New England, Armidale, Australia*) In collaboration with NSW office of Environment and Heritage

2017-2021 **PhD scholarship** (*University of New England, Armidale, Australia*) At school of Environmental and Rural Science

2015-16 **Research assistant** (*Biological Station of Donana, Spain*) Worked two months as Research Assistant at Biological Station of Donana for I.Bartomeus, Seville (Spain). Morphometry measures of pollinators with camera Nikon D3300 and ImageJ and also Pollinators Database with R.

2015-16 **Research assistant** (*Asturias, Spain*) Worked one week with apple tree orchards at North of Spain. Single visit experiments and sampling of their pollinators.

2013-14 **Intership at Stirling University** (*Stirling, Scotland*) Worked for two months at Mario Vallejo's lab with plants of the genus *Mimulus*. Greehouse experiments and fieldwork in Shetland islands and Stirling.

2012-14 **Intern student**(*University of Seville, Spain*) Two years in the department of Plant Science with Juan Arroyo. Worked with databases using articles of Web Of Science with several characteristic of heterostily plants.

References:

Ignasi Bartomeus: nacho.bartomeus@gmail.com +34 666035040

Romina Rader: rominarader@gmail.com +61 0267732857

Oscar Godoy: ogodoy.re@gmail.com +34 677661571