

Curriculum vitae

PERSONAL INFORMATION

Dr. Sissi Donna Lozada Gobilard

Birth: 20th. January 1990 in La Paz (Bolivia)

Married, 1 child.

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Webpage: <https://slozadagobilard.com/>

https://www.researchgate.net/profile/Sissi_Lozada-Gobilard



WORK EXPERIENCE

Sept 2022–now

Postdoctoral researcher

Lund University (Sweden), SPeciation, Adaptation and Co-Evolution (SPACE) Research. Øystein Opedal group.

Oct 2020–Aug 2022

Postdoctoral researcher

Tel Aviv University and Yehuda Botanical Garden Tel Aviv (Israel), Plant Evolutionary Ecology. School of Plant Sciences and Food Security. Yuval Sapir working group.

Jan–Sept 2020

Postdoctoral researcher

Charles University, Prague (Czech Republic), Institute of Botany of the Czech Academy of Sciences. Department of Population Biology. Prof. Zuzana Münzbergová working group.

15 Jan 2016–16 Oct 2019

Scientific researcher and PhD candidate

University of Potsdam (Germany), PhD thesis “From genes to communities: Assessing plant diversity and connectivity in kettle holes as metaecosystems in agricultural landscapes” defended on 16th October 2019 with a “Magna Cum Laude”. PhD thesis under supervision of Prof Dr. Jasmin Joshi and Prof. Dr. Ralph Tiedemann.

EDUCATION AND TRAINING

16 Oct 2019

Doctoral Degree (Dr. rer. nat.)

PhD Thesis: “From genes to communities: Assessing plant diversity and connectivity in kettle holes as metaecosystems in agricultural landscapes” (*Magna Cum Laude*). Institute of Biology and Biochemistry, Potsdam University, Potsdam (Germany).

30 Nov 2015

Plant Sciences Master Degree

Master Thesis: Pollination rewards and Breeding Systems in *Impatiens*. NEES Institut für Biodiversität der Pflanzen. University of Bonn, Bonn (Germany) (Final grade 1.0).

14 Dec 2012

Bachelor Degree in Biology

Bachelor Thesis: Population structure of a palm species according to cattle presence. Universidad Mayor de San Andrés, La Paz (Bolivia).

18 June 2008

High School Diploma

Best Student and Student President Senior Class 2007. Colegio San Calixto, La Paz (Bolivia).

ADDITIONAL INFORMATION

Conferences/Symposiums
(most recent)

Poster contribution: “Relationship between seed dispersal and flower color variation in *Anemone coronaria*” at ESEB, Prague, Czech Republic from 14th – 19th August 2022.

Oral contribution: “*Flower size and its relation with heat reward in Royal irises*” at the Israeli Plant Ecology Conference (on-site) Achva College Ahva, Israel from 4th – 5th July 2022.

Invited talk at University of Hohenheim (online seminar, invited by Dr. Jinlei Zhu). Topic: “*Selection and heat reward in Royal irises*”. 9th Nov 2021.

Oral contribution: “*Selection and heat reward in Royal irises*” at the SCAPE Conference (on-site) Warsaw, Poland from 21st - 24th Oct 2021.

Oral contribution at the Virtual Botany Conference Evolution 2021 from 12th– 16th July 2021.

Oral contribution at the Virtual Evolution 2021 from 21st – 25th June 2021.

Honours, grants and awards (most relevant)

Grant for fieldwork in the Bolivian tropics for the project "Drivers of selection on flower traits in a spatial-temporal context" given by the Royal Physiographic Society of Lund (15K euros).

Grant to publish three books part of the project "Children book as a strategy for plant conservation" granted by COST Action CA18201: An integrated approach to conservation of threatened plants for the 21st Century (10K euros).

Post-doctoral fellowship (1 year) at Tel Aviv University (~26K euros).

STMS Grant for visiting postdoctoral researcher at Institute of Botany of the Czech Academy of Sciences (Pruhonice, Czech Republic) granted by COST Action CA18201: An integrated approach to conservation of threatened plants for the 21st Century (3K euros).

Scholarship Brückenprogramm University of Potsdam for finalizing PhD project (6K euros).

Hans Seidel Foundation Scholarship for Master Studies in Germany (~20K euros).

References

Prof. Dr. Ralph Tiedemann

Universität Potsdam
Institut für Biochemie und Biologie
Evolutionsbiologie / Spezielle Zoologie
Karl-Liebknecht-Str. 24-25, House 26
14476 Potsdam
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Yuval Sapir, PhD

Director, Yehuda Naftali Botanic Garden
Curator of the Botanical collections and
Senior Lecturer, School of Plant Sciences
and Food Security, Tel Aviv University
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Prof. Dr. Jasmin Joshi

University of Applied Sciences of
Eastern Switzerland
Institute for Landscape and Open Space
HSR Hochschule für Technik
Rapperswil, Switzerland
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Prof. Dr. Zuzana Münzbergová

Charles University
Institute of Botany of the Czech
Academy of Sciences, Pruhonice,
Czech Republic
zuzana.munzbergova@ibot.cas.cz

PERSONAL SKILLS

Mother tongue(s)

Spanish

Other language(s)

English, very good: German: Medium, Portuguese, very good.

Computer skills

Windows, Microsoft Office, Mac, GIS, R, Linux (bioinformatics)

Hobbies

Drawing, biking, dancing and practicing yoga.

LIST OF PUBLICATIONS

Lozada-Gobilard, S., Panková, H., and Z. Münzbergová. Interactive effects of light, water, soil type, and competition on endangered *Minuartia smejkalii* vary over time. 2023. *Preslia* 95 (1). <http://dx.doi.org/10.23855/preslia.2023.165>.

Lozada-Gobilard, S., Motter, A., and Y. Sapir. 2022. Among-years rain variation is associated with flower size, but not with signal patch size in *Iris petrana*. *Ecology*. <https://doi.org/10.1002/ecy.3839>.

Lozada-Gobilard, S., Jeltsch F., and J. Zhu, High matrix vegetation decreases mean seed dispersal distance but increases long wind dispersal probability connecting local plant populations in agricultural landscapes. 2021. *Agriculture, Ecosystems & Environment*. <https://doi.org/10.1016/j.agee.2021.107678>.

Lozada-Gobilard, S., Landivar, C., Paetzig, M., Hausmann, S., Rupik, K., R., Tiedemann and J. Joshi. Intensive land-use restricts wild bees to island-like natural wetland habitats within an agricultural matrix. 2021 *Agriculture, Ecosystems & Environment* 319. <https://doi.org/10.1016/j.agee.2021.107525>.

Lozada-Gobilard, S., Dyer, R., Schwarzer, C., Tiedemann R., and J. Joshi. Genetic diversity and connectivity in plant species differing in clonality and dispersal mechanisms in wetland island habitats. 2021 *Journal of Heredity*. <https://doi.org/10.1093/jhered/esaa059>.

Abrahamczyk, S., Humphreys, A., Trabert, F., Droppelmann, F., Gleichmann, M., Krieger, V., Linnartz, M., **Lozada-Gobilard**, S., Rahelivololona, ME., Schubert, M., Fischer, E., Janssens, S. and M. Weigend. 2021. Evolution of brood-site mimicry in Madagascan *Impatiens* (Balsaminaceae) clade. *Perspectives in Plant Ecology, Evolution and Systematics*: 49. <https://doi.org/10.1016/j.ppees.2021.125590>.

Lozada-Gobilard, S., Zhu, J., Panková, H., Stojanova, B. and Z. Münzbergová. 2020. Potential risk of interspecific hybridization in *ex situ* collections. *Journal for Nature Conservation*: 58. <https://doi.org/10.1016/j.jnc.2020.125912>.

Lozada-Gobilard, S. Avila-Calero S., Ortuño T. and M. Weigend. 2020. Taxonomical revision of the genus *Hypseocharis* (Geraniaceae). *Revista Peruana de Biología*: 27 (3). <http://dx.doi.org/10.15381/rpb.v27i3.17598>.

Schlägel, U., Grimm, V., Blaum, N., Colangeli, P., Dammhahn, M., Eccard, J., Hausmann, S., Herde, A., Hofer, H., Joshi, J., Kramer-Schadt, S., Litwin, M., **Lozada-Gobilard, S.**, Müller, M., Müller, T., Nathan, R., Petermann, J., Pirhofer-Walzl, K., Radchuk, V., Rillig, M., Roeleke, M., Schäfer, M., Scherer, C., Schiro, G., Scholz, C., Teckentrup, L., Tiedemann, R., Ullmann, W., Voigt, C., Weithoff, G., and F. Jeltsch. 2020. Movement-mediated community assembly and coexistence. *Biological Reviews*: 95 (4). <https://doi.org/10.1111/brv.12600>.

Lozada-Gobilard, S., Stang, S., Pirhofer-Walzl, K., Kalettka, T., Heinken, T., Schröder, B., Eccard, J., and J. Joshi. 2019. Environmental filtering and patch dynamics predict plant-community trait distribution and biodiversity: Kettle holes as models of meta-community systems. *Ecology and Evolution*: 9 (4). <https://doi.org/10.1002/ece3.4883>

Lozada-Gobilard S., Weigend, M., Fischer, E., Janssens, S., Ackermann, M., and S., Abrahamczyk. 2018 Breeding Systems in Balsaminaceae in relation to pollen/ovule ratio, pollination syndromes, life history and biome. *Plant Biology*: 21 (1). <https://doi.org/10.1111/plb.12905>.

Abrahamczyk, S., **Lozada-Gobilard, S.**, Ackermann, M., Fisher, E., Krieger, V., Redling, V., and M., Weigend. 2017. A question of data quality-Testing pollination syndromes in Balsaminaceae. *Plos One*: 12 (10). <https://doi.org/10.1371/journal.pone.0186125>.

Lozada Gobilard, S. and M. Moraes. 2013. Structure population of the Totai palm (*Acrocomia aculeata*, Arecaceae) according to presence of cattle in localities of Beni and Santa Cruz (Bolivia). *Ecología en Bolivia*: 48 (2) (Text in Spanish, abstract in English). http://www.scielo.org.bo/scielo.php?script=sci_arttext&pid=S1605-25282013000200002.

Submitted / in revision

Lozada-Gobilard, S., Gallagher K., Heliczer R., Bar O., Ghara M., Bar-Lev Y., Ilan Koren I., and Y. Sapir. Flower size and its relationship with flower temperature in Royal irises. *In revision at American Journal of Botany*.

Tomowski, M., **Lozada-Gobilard, S.**, Jeltsch, F., and R. Tiedeman. Dispersal in Time- the role of seed banks in patchy population dynamics of an aquatic plant. *In revision at Scientific Reports*.

Velásquez-Noriega, P., Cuba, **Lozada-Gobilard, S.**, I., Paca-Condori A., and E., M. Gómez. An annotated bird checklist of two touristic trails in Yungas, Bolivia. *In revision at Catinga*

Bar-Lev Y., **Lozada-Gobilard, S.**, Xavier, A., Glick, L., Mayrose, I. and Y. Sapir. Evolutionary history, ecological divergence and hybridization in the *Oncocyclis* irises species complex in the Southern Levant. *Submitted to Molecular Ecology*.

Lozada-Gobilard, S., Bar-Lev Y., Paraskevopoulou, S., Lenhard, M. and Y. Sapir. Identification of flower-size related genes in the endemic *Iris atropurpurea* (Royal iris section *Oncocyclis*, Iridaceae). *In preparation for Scientific Reports*.

Science communication

Lozada-Gobilard, S., Once textos sobre la pandemia: La biología detrás de la pandemia. The biology behind the pandemia. 2022. *Cuaderno de Investigación 20 (A)* IEB (Instituto de Estudios Bolivianos) Universidad Mayor de San Andrés UMSA (Text in Spanish, abstract in English). <https://scholar.google.com/scholar?oi=bibs&cluster=17733091077373985409&btnI=1&hl=en>

Lozada-Gobilard, S., Antenita and the Black Iris. Children Book. Author and illustrator. Editor of the collection (Three stories for children). Published soon by COST Action CA18201: An integrated approach to conservation of threatened plants for the 21st Century and University of Primorska, Slovenia.