



Elena Lopez Peredo, Ph.D.

Research Scientist
The Ecosystems Center
Marine Biological Laboratory
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RESEARCH INTERESTS

My research is focused on adaptations associated with shifts between terrestrial and aquatic lifestyles during plant evolution. I am broadly interested in the genetic basis of physiological traits that evolve under radically different environmental conditions upon colonization of new ecosystems. Because internal and external microbial communities are invariably intertwined with plants in natural environments, I am also interested in the broader consequences of the movements of plants and their associated microbiomes between habitats, whether transitions between emerged and submerged environments, or introductions of non-native plants to new locations.

EDUCATION

University of Oviedo (Spain)

Sept 2008 **Ph.D. in Biology**-- Thesis: (Epi)genetic stability of *Humulus lupulus* after *in vitro* procedures. Graded with honors. Advisors: Dr. Angeles Revilla Bahillo and Dr. Rosa Arroyo-Garcia.

Jun 2004 **MSc in Biology**-- Thesis: Evaluation of microsatellite genotyping in hops using autoradiography detection and capillary electrophoresis. Graded with honors.

Sept 2002 **Bachelor in Biology**-- Major in Genetics and Biotechnology/Minor in Botany

APPOINTMENTS

University of Chicago

2019- Visiting Lecturer. Instructor at Microbiomes across Environments (BIOS 27720, 1 credit) University of Chicago September course at Marine Biological Laboratory. Appointment Visiting Lecturer. Role Instructor: design classes and labs, mentor (12) students.

Marine Biological Laboratory (USA)

2018- Research Scientist. The Ecosystems Center. Supervisor: Dr. Zoe Cardon (MBL). Projects: (1) Determination of the genetic basis of photoprotective mechanisms in desert green algae. (2) Role of microbiome in invasiveness of red algae.

2015-2018 Research Associate. The Ecosystems Center. Supervisor: Dr. Zoe Cardon (MBL). Projects: (1) Determination of the genetic basis of photoprotective mechanisms in desert green algae. (2) Cell division in *Scenedesmus*. (3) Role of microbiome in invasiveness of red algae.

2014-2015 Postdoctoral Scientist. The Ecosystems Center. Supervisor: Dr. Zoe Cardon (MBL). Projects: (1) Determination of the genetic basis of photoprotective mechanisms in desert green algae. (2) Microbial communities in algae cultures.

2012-2013 Visiting & Postdoctoral Researcher. Josephine Bay Paul Center. Supervisors: Dr. Sheri Simmons (MBL) and Dr. Paul Turner (Yale). Projects: (1) Imaging phyllosphere bacterial communities using leaf-FISH and (2) Phage dynamics in clover phyllosphere.

University of Connecticut (USA)

2010-2012 Fulbright Postdoctoral Scholar. Dept. Ecology & Evolutionary Biology. Supervisor: Dr. Don

Les. Projects: (1) Phylogeography of the aquatic monocot *Najas* and (2) Chloroplast genome sequencing in *Najas flexilis*.

University of Oviedo (Spain)

2008-2010 Researcher. Dpto. Biología de Organismos y Sistemas. Fisiología Vegetal. Supervisor: Dr. Marigel Revilla Bahillo. Projects: (1) Genetic diversity in ferns (2) and *Senecio boissieri*

2003-2008 Pre-doctoral candidate/Researcher. Dpto. Biología de Organismos y Sistemas. Fisiología Vegetal. Supervisor: Dr. Marigel Revilla Bahillo. Projects: (1) Somaclonal variation during *in vitro* culture.

University of St. Andrews (Scotland)

2006 Visiting Researcher, University of St Andrews (Scotland). Centre for Evolution, Genes and Genomics. Supervisor: Dr. Richard Abbott Project: Assessment of genetic diversity in *Senecio boissieri* populations.

FELLOWSHIPS AND GRANTS

2017 **University of Chicago & MBL Microeco** "From Corals to Coast". Seed money founding preliminary data generation on *Gracilaria* microbiome (\$54 600).

2016 **Community Science Program 2017**. Protecting photosynthesis during desiccation: do the genomes of desert-derived and aquatic *Scenedesmus* species hold the key to understanding extreme desiccation tolerance among green algae? Collaboration with Joint Genome Institute (DOE US) to generate annotation genomes of four species of green algae. Role PI. Duration >4 years.

2013 **Open Access Author Fund from the University of Connecticut**. Scholarship to cover publication costs on PLoS One (\$1250).

2010-2012 **Fulbright Foundation and Spanish Ministry of Education Postdoctoral Fellowship, Core Fulbright Visiting Scholar Program** Full salary plus benefits, 24 months (\$45 000/year).

2003-2007 **FPU Predoctoral fellowship, Spanish Ministry of Education**

Full salary plus benefits. Grad school tuition, 48 months (\$25 000/year).

2006 **FPU Predoctoral Visiting Scientist Support, Spanish Ministry of Education** Four months of financial support for specific research at a foreign institution (U. St Andrews).

PUBLICATIONS

Peer-reviewed scientific journals:

Peredo EL, Z Cardon. Library construction using rRNA customized target removal for simultaneous transcriptome profiling of green algae and their associated microbial communities (in prep)

Peredo EL, Z Cardon Z. Shared upregulation and contrasting downregulation distinguish extremely desiccation tolerant from intolerant green algae (under second Review, PNAS.)

Bono L, RJ Orton, **EL Peredo**, HG Morrison, M Siström, SL Simmons, PE Turner. (2019) Spatiotemporal dynamics of RNA viruses associated with white clover (*Trifolium repens* L.) bioRxiv <https://doi.org/10.1101/772475>

Stark J, Cardon Z, **Peredo EL**. (2019) Extraction of high-quality, high molecular-weight DNA depends heavily on cell homogenization methods in green microalgae (accepted, Applications in Plant Sciences)

Cardon Z, EL **Peredo**, Dohnalkova AC, H Gershon, M Bezanilla. (2018) A model suite of green algae within the Scenedesmaceae for investigating contrasting desiccation tolerance and morphology. *Journal of Cell Biology* 131 pii: jcs212233. <https://doi.org/10.1242/jcs.212233> Selected for highlights section of the Journal and for cover image. <http://jcs.biologists.org/content/131/7.cover-expansion>

Peredo EL, SL Simmons. (2018) Leaf-FISH: Microscale imaging of microbial communities on phyllosphere. *Frontiers of Microbiology* 8: 1–14. <https://doi.org/10.3389/fmicb.2017.02669>

Les DH, EL **Peredo**, N Tippery, L Benoit, H Razifard, U King, H Na, H Choi, L Chen, R Shannon, S Sheldon, (2015) *Najas minor* (Hydrocharitaceae) in North America: a reappraisal. *Aquatic Bot* 126:60–72. <https://doi.org/10.1016/j.aquabot.2015.06.005>

Tippery NP, DH Les, EL **Peredo**. (2015) *Nymphoides grayana* (Menyanthaceae) in Florida verified by DNA and morphological data. *J Torrey Bot Soc* 142:325-330.

<https://doi.org/10.3159/TORREY-D-15-00008.1>

- Les DH, AM Les, EL **Peredo**. (2015) *Najas flexilis* (Hydrocharitaceae) in Alaska: a reassessment. *Rhodora* 117:354–370. <https://doi.org/10.3119/15-03>
- Les DH, EL **Peredo**, U King, L Benoit, NP Tippery, C Ball, R Shannon. (2015) Through thick and thin: cryptic sympatric speciation in the submersed genus *Najas* (Hydrocharitaceae). *Mol Phylog and Evol* 82: 15-30. <https://doi.org/10.1016/j.ympev.2014.09.022>
- Peredo EL**, U King, D Les. (2013) The plastid genome *Najas flexilis*: adaptation to submerged environments lead to the complete loss of the ndh complex in an aquatic angiosperms. *Plos One* 8: e68591 <https://doi.org/10.1371/journal.pone.0068591>
- Les DH, EL **Peredo**, L Benoit, N Tippery, U King, S Sheldon. (2013) Phytogeography of *Najas gracillima* (Hydrocharitaceae) in North America and its cryptic introduction to California. *Am J of Bot* 100:1905-15 <https://doi.org/10.3732/ajb.1300005>
- Peredo EL**, Mendez-Couz M, Revilla MA (2013) Mating system in *Blechnum spicant* and *Dryopteris affinis* ssp. *affinis* correlates with genetic variability. *American Fern J* 103:27–39. <https://doi.org/10.1640/0002-8444-103.1.27>
- Peredo EL**, D Les, U King, L Benoit. (2012) Extreme conservation of the *psaA/psaB* intergenic spacer reveals a translational motif coincident with the evolution of land plants. *J Mol Evol* 75:184–197. <https://doi.org/10.1007/s00239-012-9526-z>
- Peredo EL**, A Revilla, B Reed, B Javornik, R Arroyo-García (2010) The influence of the European and American wild germplasm in hop cultivars. *Gen Res Crop Evol*, 57: 575–586. <https://doi.org/10.1007/s10722-009-9495-2>
- Cires E, C Cuesta, EL **Peredo**, A Revilla, JA Fernández Prieto. (2010) Genome size variation and morphological differentiation within *Ranunculus parnassifolius* group (Ranunculaceae) from calcareous screes in the Northwest of Spain. *Plant Sys Evol*, 281: 193–208 <https://doi.org/10.1007/s00606-009-0201-9>
- Peredo EL**, A Revilla, B Jiménez-Alfaro, A Bueno, J Fernández Prieto, R Abbott (2009) Historical biogeography of a disjunctly distributed, Spanish alpine plant, *Senecio boissieri* (Asteraceae). *Taxon*, 58: 883–892.
- Peredo EL**, R Arroyo-García, A Revilla. (2009) Epigenetic changes detected in micropropagated hop plants. *J Plant Physiol*, 166: 1101–1111. <https://doi.org/10.1016/j.jplph.2008.12.015>
- Peredo EL**, Revilla MA, Jimenez-Alfaro B, Bueno A, Cires E, Fernandez Prieto JA, Abbott R (2009) Applications of molecular markers prior conservation actions on the Spanish endemic *Senecio boissieri*. *Cryoletters* 30: 382–97. Pp 391.
- Peredo EL**, R Arroyo-García, B Reed, A Revilla. (2008) Genetic and epigenetic stability of cryopreserved and cold-stored hops (*Humulus lupulus* L.) *Cryobiology* 57:234–241. <https://doi.org/10.1016/j.cryobiol.2008.09.002>
- Folgado R, Y Enai, EL **Peredo**, H Fernández, A Revilla (2007) Genetic stability of in vitro conserved germplasm of *Humulus lupulus* L. *Cryoletters* 29: 73–88. Pp 87.
- Peredo EL**, A Revilla, R Arroyo-García (2006) Assessment of genetic and epigenetic variation in hop plants regenerated from sequential subcultures of organogenic calli. *J Plant Physiol* 163: 1071–1079. <https://doi.org/10.1016/j.jplph.2005.09.010>
- Peredo EL**, R Arroyo-García, JM Martínez-Zapater, A Revilla (2005) Evaluation of microsatellite detection using autoradiography and capillary electrophoresis in hops. *J Am Soc Brew Chem* 63: 57–62.

Book chapters:

- Peredo EL**, SL Simmons (in press) Leaf-FISH: *in situ* hybridization method for visualizing bacterial taxa on plant surfaces. In “An overview of FISH concepts and protocols for microbial cells”, N. Azevedo and C. Almeida eds. *Methods in Molecular Biology*, (Springer Nature)
- King U, DH Les, EL **Peredo**, L Benoit (2017) Adaptive evolution of the chloroplast genome in the submersed Monocotyledon *Najas* (Hydrocharitaceae). In: Lisa Campbell, Davis JI, Meerow AW, Robert F. C. Naczi, Stevenson DW, Thomas WW, eds. *Diversity and Phylogeny of the Monocotyledons: Contributions from Monocots V* (Memoirs of The New York Botanical Garden Volume 118). NYBG Press, 52-68.

Peredo EL, A Revilla, M Méndez, V Menéndez, H Fernández. Diversity in natural fern populations: dominant markers as a genetic tool. Chapter 16 in book, Working with ferns: Issues and Applications. Editors: Kumar A & H Fernández, 2010, XXII, 386 p.

Menéndez V, A Revilla, EL **Peredo**, A Revilla, H Fernández. Sexual reproduction in ferns. Chapter 4 in book, Working with ferns: Issues and Applications. Eds: Kumar A & H Fernández, 2010, XXII, 386 p.

Other publications:

Horreo JL, EL **Peredo**, JL Olmedo, J Valladares, E García-Vázquez, MA Revilla. (2014) Genetic diversity inferred from microsatellites of wild hops in Galicia (Spain). *Brewing Sci.* 67:132–136.

Peredo EL, E Cires, JA Fernandez Prieto, A Revilla, R Arroyo-García (2011) Is the *in vitro* establishment a critical point in the epigenetic stability of the cryopreserved hops (*Humulus lupulus* L.)? Proceedings of the 1st International Symposium on cryopreservation in Horticultural Species Acta Horticulturae, 908: 121-127.

Peredo EL, Folgado R, Revilla A, Arroyo-García R (2009) Genetic and epigenetic stability of *Humulus lupulus* L. after *in vitro* procedures. Proceedings of the 2nd International *Humulus* Symposium Acta Horticulturae, 828: 115-124.

Peredo EL, R Arroyo-García, B Reed, A Revilla (2009) Genetic stability of *in vitro* conserved germplasm of *Humulus lupulus* L. Agric Food Sci, 18: 144–151.

Peredo EL, Folgado R, Revilla A, Arroyo-García R, Magadán JA (2008) Fidelidad al genotipo original tras la crioconservación y el cultivo en frío de cultivares de lúpulo. Cerveza y Malta 180: 37-41.

Peredo EL, Arroyo-García R, Revilla R, Magadán JA (2007) Valoración de la fidelidad al genotipo de campo de plantas de lúpulo obtenidas mediante cultivo *in vitro*. Cerveza y Malta 174: 28-32.

Peredo EL, Arroyo-García R, Revilla A, Magadán JA (2006) Identificación de cultivares de lúpulo mediante microsatélites (STS). Cerveza y Malta 170: 37-41.

PROFESSIONAL SERVICE AND MEMBERSHIPS

Ad Hoc Reviewer for: NSF Division of Molecular and Cellular Biosciences (2017, 2018).

Invited Reviewer for: *Molecular Biology and Evolution*, *Environmental Microbiology*, *Molecular Ecology*, *Taxon*, *Biological Journal of the Linnean Society*, *New Phytologist*, *American Journal of Botany*, *Aquatic Botany*, *Journal of Phycology*, *Advances in Space Research*, *Plant Cell Reports*, *Electronic Journal of Biotechnology*, *Plant Cell*, *Tissue & Organ Culture*.

See <https://publons.com/author/1184869/elena-l-peredo#profile>

Memberships: AAAS/Science, Botanical Society of America (BSA), The Society for Experimental Biology (SEB), Ecological Society of America (ESA), The Society for Integrative and Comparative Biology (SICB), European Society for Evolutionary Biology (ESEB), American Society for Microbiology (ASM), International Association of Plant Taxonomy (IAPT).

Organizer: MBL PostDoc Association (2016-), Spring Seminar Series 2015. The Ecosystems Center, Marine Biological Laboratory (MA, USA)

Invited participant (2017, 2018, 2019): MBL Microbiome Deep Dive Logan Science Journalism Program, (Microbiomes of Algae – A Roundtable Discussion—2017 & 2019, guided lab tours 2018).

TEACHING EXPERIENCE

UNDERGRADUATE TEACHING

2019- (recurrent appointment) **Instructor.** Microbiomes across Environments (BIOS 27720, 1 credit) University of Chicago September course at Marine Biological Laboratory. Appointment Visiting Lecturer. Role Instructor: design classes and labs, mentor (+12) students.

2008 Invited Speaker – VIII Science and Technology week (University Oviedo, Spain)

2007 Lecturer – ‘Conservation of plant resources’ (University Oviedo, Spain)

2006 Teaching Assistant – ‘Environmental Plant Physiology’ and ‘Phytopathology’ (University Oviedo, Spain)

2005 Lecturer– ‘Biotechnology applied to plant breeding and conservation’ & ‘Conservation and genetic characterization of plant resources’ (University Oviedo, Spain)

TEACHING CERTIFICATIONS

2017 Certified to Assistant Professor level by ANECA (Spanish Agency of Certification)

2004 Certified to High School level. Training (250h) in teaching Biological Sciences (Certificate of Pedagogical Aptitude).

TEACHING OUTREACH

- Invited Panelist: “Scientific career paths” as part of the activities of the MBL Undergraduate Research Program Biological Discovery in Woods Hole REU (July 1st, 2019 in Woods Hole, Massachusetts)
- Poster presented at the Annual Woods Hole Science and Technology Education Partnership (WHSTEP) Liaison Dinner (November 7th, 2018 in Woods Hole, Massachusetts).
- Invited Poster Reviewer: 9th Annual MBL Undergraduate Research Symposium Program Biological Discovery in Woods Hole REU (August 16th, 2018 in Woods Hole, Massachusetts)
- Invited Speaker: “Invite a scientist to lunch” as part of the activities of the MBL Undergraduate Research Program Biological Discovery in Woods Hole REU (July 17th, 2018 in Woods Hole, Massachusetts)

MENTORING EXPERIENCE

Marine Biological Laboratory

2018 **Lauren Skinnion** - Student project at Semester in Environmental Science (SES). Project: Differential responses of invasive and native species of *Gracilaria* during uptake and recovery from salinity stress.

2018 **Ariela Buxbaum-Grice** - Student project at Semester in Environmental Science (SES). Project: A genetics-based study of *Gracilaria* species on Cape Cod

2017 **Lydia Fox** - Student project at Semester in Environmental Science (SES). Project: Salinity tolerances and Nitrogen requirements of native and invasive species of *Gracilaria*.

2017 **Lauren Hamm** - Student project at Semester in Environmental Science (SES). Project: Biogeography of *Gracilaria* species in Waquoit Bay. Award **Outstanding Research** in Biology at Rhodes College 2018. <http://www.rhodes.edu/stories/students-presented-departmental-awards-2017-18>

2016 **Hannah Gershone** - Student project at Semester in Environmental Science (SES). Project: Breaking the crust: finding desiccation tolerance in the phylogenetic tree.

2015 **Tinsley Galyean** – Student project at Semester in Environmental Science (SES). Project: Effects on of media definition on green algae microbiota.

2015 **Caroline Kanaskie**– Student project at Semester in Environmental Science (SES). Project: Effects of culturing conditions on photosynthetic abilities of green microalgae.

2014 **Alana Thurston** – Student project at Semester in Environmental Science (SES). Supervision on equipment use (Biotek 96-well plate reader) for root-soil enzyme assays.

University of Connecticut

2010-2012 **Ursula King**– Graduate student. Training in molecular techniques, phylogenetic analysis and data interpretation. Project: Reticulate evolution in the *Najas flexilis/N. guadalupensis* complex.

2010-2012 **Hamid Rafizard** – Graduate student. Training in molecular techniques. Project: Phylogeny of the aquatic plant genus *Elatine L.*

2010-2012 **Cassandra Ball** – Undergraduate thesis project. Mentoring on phylogenetic analysis methods and data interpretation.

University of Oviedo

2007 **Eduardo Cires, PhD** – MSc thesis. Training in molecular methods (RAPDs, AFLPs) Project: Population diversity in *Ranunculus* sp. Last position: Postdoctoral Researcher at the Institute of Science and Technology Austria (IST Austria), Klosterneuburg, Austria

2009 **Marta Mendez** – Undergraduate thesis. Training in molecular methods (RAPDs, AFLPs) Project: Population diversity in fern populations of the North of Spain. Present position: Graduate Student (Neurosciences, University of Oviedo).

2008 Raquel Folgado, PhD- Undergraduate thesis. Training in plant culturing and cryopreservation techniques. Present: Cryopreservation Research Fellow at The Huntington, San Marino (CA).

INVITED SYMPOSIA AND DEPARTMENTAL TALKS

Invited Speaker Bay Paul Center Seminar (MBL), "Genetic adaptations during habitat transitions in photosynthetic organisms. (May, 2019)

Invited Speaker: SICB 2019 Integrative Plant Biology Symposium -- Division of Integrative Plant Biology (Tampa, FL, January 2019)

Marine Biological Laboratory, The Ecosystems Center (2014)

SELECTED NATIONAL AND INTERNATIONAL CONFERENCE PRESENTATIONS (22 since 2003)

Peredo EL, Cardon Z. Contrasting responses to desiccation in desert-evolved and freshwater green microalgae. Joint Genome Institute User meeting 2019, San Francisco (California, USA) 3–5 April 2019.

Peredo EL, Cardon Z, Thomas S, Bruce D. Genetic bases of desiccation tolerance among independently-evolved desert species within the green algal genus *Scenedesmus*. ESA Annual Meeting, Portland (Oregon, USA), August 6-11, 2017.

Peredo EL, Cardon Z, Thomas S, Bruce D. Protecting photosynthesis during desiccation: do the genomes of desert derived and aquatic *Scenedesmus* species hold the key to understanding extreme desiccation tolerance among green algae?. Joint Genome Institute User meeting 2017, Walnut Creek (California, USA) 20–23 March 2017.

Peredo EL, Cardon Z, Thomas S, Bruce D. *De novo* transcriptome assembly and gene expression profiling of the desiccation-tolerant desert green alga *Scenedesmus rotundus* during desiccation and rehydration. Botany 2016, Savannah (Georgia, USA) 30 July –3 August 2016.

Peredo EL, Cardon Z, Thomas S, Bruce D. Library construction using RNA customized target removal for simultaneous nuclear and organelle expression profiling in species of the green microalgae *Scenedesmus*. Botany 2016, Savannah (Georgia, USA) 30 July –3 August 2016.

Peredo EL, Simmons SL. Microscale imaging of microbial communities on *Arabidopsis thaliana* L. leaf surfaces using confocal laser scanning microscopy and fluorescence *in situ* hybridization. ASM Microbe 2016 (American Society of Microbiology), Boston (MA, USA) 16–20 June 2016.

Peredo EL, Shapira O, Thomas S, Cardon Z. Photosynthetic response upon rehydration after desiccation is habitat-dependent among species of the algal genus *Scenedesmus*. Eastern Regional Photosynthesis Conference (ERPC) 2015, Woods Hole (MA, USA) 17–19 April 2015.

Cardon ZG, **Peredo EL**, Thomas S, Shapira O, Bruce D. Photosynthetic capacity persists during multiple desiccation/rehydration cycles in green algae subjected to slow, but not fast, desiccation. Eastern Regional Photosynthesis Conference (ERPC) 2015, Woods Hole (MA, USA) 17–19 April 2015.

Les DH, **Peredo EL**, King U, Tippery N. In guad we trust? Exposing the real *Najas guadalupensis* (Hydrocharitaceae). Botany 2014. The Boise Centre (ID) 26-30 July 2014.

King U, **Peredo EL**, Les D. Investigation of genetic variation in *Najas flexilis* using 454 genome sequencing. 5th International Conference on Comparative Biology of Monocot. New York 7-13 July 2013.

Les DH, King U, **Peredo EL**, Benoit L. Adaptive evolution of the chloroplast genome in *Najas* (Hydrocharitaceae) Monocots V. 5th International Conference on Comparative Biology of Monocot. New York 7-13 July 2013

Tippery N, **Peredo EL**, Les D. New taxonomic and biogeographical insights in Nymphoides (Menyanthaceae). Botany 2012, Columbus (OH) 7-11 July 2012.

Peredo EL, Les DH, Benoit L, Tippery N. Cryptic speciation in *Najas marina*. Botany 2011, Saint Louis (MO) 9-13 July 2011.

Les DH, Benoit L, **Peredo EL**, King U. 'Now that is not *Najas*!' a genetic marker for identifying water sprites. Botany 2011, Saint Louis (MO) 9–13 July 2011.

King U, **Peredo EL**, Les D. Isolation and characterization of microsatellite loci in *Najas flexilis* (Hydrocharitaceae) using 454 genome sequencing. Botany 2011, St Louis (MO) 9–13 July 2011

Peredo EL, Cires E, Arroyo-García R, Revilla A. Genetic and epigenetic stability of *Humulus lupulus*

after in vitro culture. Scientific Conference of the Int.l Hop Growers Convention, Spain, 21-25 June 2009

Peredo EL, Revilla A, Jiménez-Alfaro B, Bueno A, Cires E, Fernández Prieto JA, Abbott R. Applications of molecular markers prior conservation actions on the Spanish endemic *Senecio boissieri*. CRYOPLANET-COST 871 Wakehurst Place, UK, 17-18 February 2009.

Peredo EL, Revilla A, Jiménez-Alfaro B, Bueno A, Cires E, Fernández Prieto JA, Abbott R. Population genetic structure and phylogeography of *Senecio boissieri*, a rare Spanish endemic alpine plant. History, Evolution and Future of Arctic and Alpine Flora (British Ecological Society), St Andrews, Scotland, 25-27 June 2007

Peredo EL, Reed B, García-Arroyo R, Revilla A. Assessment of genetic stability of cryopreserved and cold stored hop samples. CRYOPLANET-COST 871, Oviedo, April 13–14 2007.

Peredo EL, Revilla A, Martínez-Zapater JM, Arroyo-García R. Callus-derived hop plants show correlation between epigenetic instability and time in culture. Scientific Conference of the International Hop Growers Convention, George, South Africa, 20 – 25 February 2005.

REFERENCES

2014- Present-- Dr. Zoe Cardon, Marine Biological Laboratory. The Ecosystems Center. 7 MBL Street, Woods Hole, MA 02543-- Phone: (508) 289-7473 E-mail: zcardon@mbi.edu

2014- Present-- Prof. Magdalena Bezanilla, Dartmouth College, Department of Biological Sciences. The Class of 1978 Life Sc. Center, 78 College St Hanover, NH. E-mail: magdalena.bezanilla@dartmouth.edu

2012-2014-- Dr. Sheri Simmons, Marine Biological Laboratory/ Monsanto Corp. 7 MBL Street, Woods Hole, MA 02543-- Phone: (508) 289-7177 E-mail: sherisim@gmail.com

2013-2014-- Prof. Paul Turner, Yale University, Department of Ecology and Evolutionary Biology. OML 301A, PO Box 208106, New Haven CT 06520--Phone: (203) 432-5918 E-mail: paul.turner@yale.edu

2010-2012-- Prof. Donald Les, University of Connecticut. Department of Ecology and Evolutionary Biology. 75 N. Eagleville Road, Unit 3043, Storrs, CT 06269-3043--Phone: (860) 486-5703 E-mail: les@uconn.edu

2006-- Prof. Richard Abbott, University of Saint Andrews, Scotland. Harold Mitchell Building. University of St Andrews, St Andrews KY16 9TH (UK)--Phone: 01334 463350 E-mail: rja@st-andrews.ac.uk

2002-2008-- Prof. María Ángeles Revilla Bahillo, Universidad de Oviedo, Spain. C/ Catedrático Rodrigo Uría s/n 33071-Oviedo-- E-mail: arevilla@uniovi.es

WEBSITES

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Research ID <http://www.researcherid.com/rid/N-8688-2013>

Google Sites <https://sites.google.com/view/elperedo/home>

MBL <http://www.mbl.edu/ecosystems/research-staff/elena-l-peredo/>

Google Scholar <https://scholar.google.com/citations?user=-5h7IFgAAAAJ&hl=en>

Research Gate https://www.researchgate.net/profile/Elena_L_Peredo

Publons <https://publons.com/author/1184869/elena-l-peredo#profile>