

Ricardo Segovia

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EMPLOYMENT

- **Institute of Ecology and Biodiversity (IEB-Chile)** Santiago, Chile
Associate Researcher *March 2019 - Present*
 - **Forest plots network:** I'm an associate researcher in the area of Ecosystem Sciences, lead by Dr. Juan Armesto. The central goal during this stage is creating a forest plot network to study the evolution of biodiversity in the Andean region.
- **School of GeoSciences, University of Edinburgh** Edinburgh, UK
Newton International Fellow *Feb 2017 - Jan 2019*
 - **Genus-level phylogeny for trees:** This project was a collaboration with Dr. Kyle Dexter from the University of Edinburgh and, it was funded by The Royal Society, UK. We built a global phylogeny for trees in order to unveil the evolutionary structure of biodiversity and to explore the main forces driving the diversification.
- **Institute of Ecology and Biodiversity (IEB-Chile)** Santiago, Chile
Postdoc-Fondecyt *Dec 2013 - Nov 2016*
 - **Phylodiversity patterns:** During this project, we studied the similarities between phylodiversity pattern across the latitudinal gradient in southern South America, and across the elevational gradient in the tropical Andes.

EDUCATION

- **Facultad de Ciencias, Universidad de Chile** Santiago, Chile
PhD in Ecology and Evolutionary Biology *Mar. 2009 – Sep. 2013*
- **Facultad de Ciencias, Universidad de Chile** Santiago, Chile
Master in Ecology and Evolutionary Biology *Mar. 2007 – Jan. 2009*
- **Universidad de Concepción** Concepción, Chile
Biologist *Mar. 2002 – Jan. 2007*

GRANTS

- **AI for Earth, Microsoft** (2019-2020); PI; Title: *"Machine Learning to state the global structure of Biodiversity"*; \$15,000

BIBLIOMETRIC INFORMATION

- Total number of peer-reviewed publications: **7**
- Total number of citations: **81**
- H index (overall, not limited to the last 5 years): **5**
- i10 index (overall, not limited to the last 8 years): **4**

[Source: **Google Scholar**. For current citation statistics, please visit: <http://tiny.cc/segoviara>)]

PUBLICATIONS LIST

1. Segovia, R. A., Pennington, R. T., Baker, T., Coelho de Souza, F., Neves, D. M., Davis, C. C., Armesto, J. J., Olivera-Filho, A. T., and Dexter, K. G. Freezing and water limitation structure the evolutionary diversity of trees across the americas. *BioRxiv* (2019): *eco/*
2. Dexter, K. G., Segovia, R. A., and Griffiths, A. R. (2019). Exploring the concept of Lineage Diversity across North American forests. *Forests*, 10(6):520
3. Segovia, R. A. and Armesto, J. J. (2015). The Gondwanan legacy in South American biogeography. *Journal of Biogeography*, 42(2):209–217

4. Villagran, C., Segovia, R., and Castillo, L. (2014). Principles of research in historical Natural Sciences: Why is the Natural History of organisms necessary in Biology? *Gayana Botanica*, 71(2):259–266
5. Perez, F., Irarrazabal, C., Cossio, M., Peralta, G., Segovia, R., Bosshard, M., and Hinojosa, L. F. (2014). Microsatellite markers for the endangered shrub *Myrceugenia rufa* (Myrtaceae) and three closely related species. *Conservation Genetics Resources*, 6(3):773–775
6. Segovia, R. A., Hinojosa, L. F., Perez, M. F., and Hawkins, B. A. (2013). Biogeographic anomalies in the species richness of Chilean forests: Incorporating evolution into a climatic - historic scenario. *Austral Ecology*, 38(8):905–914
7. Segovia, R. A., Perez, M. F., and Hinojosa, L. F. (2012). Genetic evidence for glacial refugia of the temperate tree *Eucryphia Cordifolia* (Cunoniaceae) in southern South America. *American Journal of Botany*, 99(1):121–129
8. Gonzalez-Teuber, M., Segovia, R., and Gianoli, E. (2008). Effects of maternal diet and host quality on oviposition patterns and offspring performance in a seed beetle (Coleoptera : Bruchidae). *Naturwissenschaften*, 95(7):609–615

PRESENTATIONS

- 16 presentations at conferences: 9 talks and 7 posters.

PEER REVIEWS COMPLETED

Journal of Biogeography (2), **Molecular Ecology** (1), Molecular Phylogenetics and Evolution (1), **Proceedings of The Royal Society B** (1), Ecology (1).