

Andrew J. Rominger

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(A) Professional Preparation

- 2009 **B.S. Hons. Stanford University** Biological Sciences
- 2016 **Ph.D. University of California Berkeley** Environmental Science, Policy and Management

(B) Appointments

- 2017-2018 **Omidyar Fellow**, Santa Fe Institute
- 2016 **Postdoctoral Fellow**, Berkeley Initiative in Global Change Biology, UC Berkeley
- 2014 **Graduate Student Instructor**, UC Berkeley
- 2011-2014 **NSF Graduate Research Fellow**, UC Berkeley
- 2010 **Fulbright Scholar**, Pontificia Universidad Católica de Chile
- 2009 **Teaching Assistant**, Stanford University

(C) Products

(I)

- 2017 **Rominger, A.J.** & Merow, C. (2017). meteR: an R package for testing the maximum entropy theory of ecology. *Methods in Ecology and Evolution*, 8(2), 241–247.
- O'Dwyer, J.P., **Rominger, A.J.** & Xiao, X. (2017). Reinterpreting maximum entropy in ecology: a null hypothesis constrained by ecological mechanism. *Ecology Letters*, 20(7), 832–841.
- Krehenwinkel, H., Wolf, M., Lim, J.Y., **Rominger, A.J.**, Simison, W.B. & Gillespie, R.G. (2017). Estimating and mitigating amplification bias in qualitative and quantitative arthropod metabarcoding. *Scientific Reports*, 7(1), 17668.
- 2016 **Rominger, A.J.** et al. (2016). Community assembly on isolated islands: macroecology meets evolution. *Global Ecology and Biogeography*, 25(7), 769–780.
- 2009 **Rominger, A.J.**, Miller, T.E.X. & Collins, S.L. (2009). Relative contributions of neutral and niche-based processes to the structure of a desert grassland grasshopper community. *Oecologia*, 161(4), 791–800.

(C) Products

(II)

- 2017 Harte, J., Newman, E.A. & **Rominger, A.J.** (2017). Metabolic partitioning across individuals in ecological communities. *Global Ecology and Biogeography*, 26(9), 993–997.

Stegner, M.A., Karp, D.S., **Rominger, A.J.** & Hadly, E.A. (2017). Can protected areas really maintain mammalian diversity? Insights from a nestedness analysis of the Colorado Plateau. *Biological Conservation*, 209, 546–553.

2015 Harte, J., **Rominger, A.J.** & Zhang, W. (2015). Integrating macroecological metrics and community taxonomic structure. *Ecology Letters*, 18(10), 1068–1077.

2013 Maurer, B.A., Kembel, S.W., **Rominger, A.J.** & McGill, B.J. (2013). Estimating metacommunity extent using data on species abundances, environmental variation, and phylogenetic relationships across geographic space. *Ecological Informatics*, 13, 114–122.

2012 Karp, D.S., **Rominger, A.J.**, Zook, J., Ranganathan, J., Ehrlich, P.R. & Daily, G.C. (2012). Intensive agriculture erodes β -diversity at large scales. *Ecology Letters*, 15(9), 963–970.

(D)
Synergistic
Activities

2018 **Board president**, Juniper Hill Center, Las Vegas, NM, USA
Founding member of the research and education non-profit organization.

2013-2014 **Board member**, Talking Talons Youth Leadership Community Fund, Tijeras, NM, USA.
An organization that funds environmental education.

2009-2018 **Community speaker**,
Present about science, conservation and environmental education at youth and environmental group meetings including Central New Mexico Audubon Society and Pacific Internship Programs for Exploring Science.