

Jacob B. Socolar – Curriculum Vitae

EDUCATION

- Princeton University dept. of Ecology and Evolutionary Biology: PhD Candidate
- Swarthmore College: BA in Biology with Highest Honors (2011)

PUBLICATIONS

- Socolar, J.B.**, J. Gilroy, W. Kunin, and D. Edwards. 2016. “Sparse data necessitate explicit treatment of beta-diversity: A reply to Bush et al” *Trends in Ecology and Evolution* 31: 338-339.
- Socolar, J.B.**, J. Gilroy, W. Kunin, and D. Edwards. 2016. “How should beta-diversity inform conservation?” *Trends in Ecology and Evolution* 31: 67-80.
- Pellegrini, A., **J.B. Socolar**, P. Elsen, and X. Giam. 2016. “Tradeoffs between savanna endemic plant diversity and carbon storage in the Brazilian Cerrado.” *Global Change Biology*.
- Socolar, J.B.*** and A. Washburne*. 2015. “Prey carrying capacity modulates the effect of predation on prey diversity.” *American Naturalist* 186: 333-347.
- Socolar, S.J.**, S. Robinson, and J. Terborgh. 2013. “Bird diversity and specialist bird occurrence in two bamboo die-offs in southeastern Peru.” *Condor* 115: 253-262.
- Socolar, S.J.**, O. Gonzalez, and G. Forero-Medina. 2013. “Noteworthy bird records from the northern Cerros del Sira, Peru.” *Cotinga* 35: 24-36.
- Socolar, S.J.** and D. Wilcove. 2013. Threatened Birds. In: Levin, S.A. (ed.) *Encyclopedia of Biodiversity, 2nd edition, Volume 7*, pp. 180-190. Waltham, Ma: Academic Press.
- Forero-Medina, G., J. Terborgh, **S.J. Socolar**, and S. Pimm. 2011. “Elevational preferences of birds on a tropical montane gradient lag behind warming temperatures.” *PLoS One* 6(12): e28535.

Submitted:

- Socolar, J.B.**, J. Díaz Alván, P. Saboya del Castillo, L.Y. Pomara, B.J. O’Shea, S. Cubas Poclin, D. Stotz, F. Schmitt, D. Graham, B.H. Carnes, and E. Ruelas Inzunza. (Submitted) “Noteworthy bird records from northeastern Peru reveal connectivity and isolation in the Amazonian avifauna.” *Wilson Journal of Ornithology*.
- Díaz Alván, J., **J.B. Socolar**, and J. Álvarez Alonso. (Submitted) “Avifauna of the río Tigre basin, northern Perú.” *Ornitología Neotropical*.

*Authors contributed equally

TALKS AND PRESENTATIONS

- 2015 Association for Tropical Biology and Conservation:** *Avian species loss and persistence in Amazonian slash-and-burn mosaics*
- 2015 American Ornithologists’ Union:** *Avian species loss and persistence in Amazonian slash-and-burn mosaics*

2012 Eastern Bird Banding Association Annual Meeting: *Detecting range shifts with mist nets: elevational ranges of birds on a tropical montane gradient lag behind warming temperatures.*

2010 International Ornithological Congress: *Bird communities of two bamboo die-offs in Southeastern Peru.*

2010 Expedición Yuyapichis Research and Conservation Outreach: *Los aves especiales de los Cerros del Sira.* (Talk delivered in Spanish).

GRANTS AND FUNDING

2015: American Bird Conservancy Grant (5,450 USD)

2014: Chapman Grant; American Museum of Natural History (1,500 USD)
Lewis & Clark Fund; American Philosophical Society (1,000 USD)
Student Research Grant; American Ornithologists Union (1,800 USD)

2012: United States NSF Graduate Research Fellowship (~90,000 USD)

TEACHING

TA. Savanna Ecology, Princeton University (Spring 2013)

TA. Intro to the Biology of Organisms, Princeton University (Fall 2011)

Science Associate (Intro Biology TA). Swarthmore College (Spring 2011)

PROFESSIONAL SERVICE

Manuscript reviewer for: *Proc. Nat. Acad. Sci.; J. Appl. Ecology; J. Animal Ecology; Ornithologia Neotropical; Biological Conservation; PeerJ; The Condor; Forest Ecology and Management; Ecology and Evolution*

E-bird reviewer for Peru

LANGUAGES

- **English** (native); **Spanish** (fluent); **French** (advanced); **Portuguese** (rudimentary)