



## Katherine Andrea Solari

Postdoctoral Scholar, Biology

### Bio

---

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , BIO-PHD (2017)
- Bachelor of Arts, University of California Berkeley , Integrative Biology (2007)

#### STANFORD ADVISORS

- Dmitri Petrov, Postdoctoral Faculty Sponsor

### Publications

---

#### PUBLICATIONS

- **Evolution for extreme living: variation in mitochondrial cytochrome c oxidase genes correlated with elevation in pikas (genus Ochotona).** *Integrative zoology*  
Solari, K. A., Hadly, E. A.  
2018
- **Gene expression is implicated in the ability of pikas to occupy Himalayan elevational gradient.** *PloS one*  
Solari, K. A., Ramakrishnan, U., Hadly, E. A.  
2018; 13 (12): e0207936
- **Merging paleobiology with conservation biology to guide the future of terrestrial ecosystems** *SCIENCE*  
Barnosky, A. D., Hadly, E. A., Gonzalez, P., Head, J., Polly, P. D., Lawing, A. M., Eronen, J. T., Ackerly, D. D., Alex, K., Biber, E., Blois, J., Brashares, J., Ceballos, et al  
2017; 355 (6325): 594-?
- **Genetics, morphology and ecology reveal a cryptic pika lineage in the Sikkim Himalaya.** *Molecular phylogenetics and evolution*  
Dahal, N., Lissovsky, A. A., Lin, Z., Solari, K., Hadly, E. A., Zhan, X., Ramakrishnan, U.  
2017; 106: 55-60
- **Opportunity for some, extinction for others: the fate of tetrapods in the Anthropocene** *EVOLUTIONARY ECOLOGY RESEARCH*  
Solari, K. A., Frank, H. K., Frishkoff, L. O., Hsu, J. L., Kemp, M. E., Mychajliw, A. M., Hadly, E. A.  
2016; 17 (6): 787-813