



## Katherine Andrea Solari

Basic Life Res Scientist

Biology

### Bio

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#### ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Biology

### Teaching

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#### COURSES

2024-25

- Evolution: BIO 85 (Win)

### Publications

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#### 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