



Katherine Andrea Solari

Basic Life Res Scientist

Biology

Bio

ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Biology

Teaching

COURSES

2024-25

- Evolution: BIO 85 (Win)

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