



CHRONOLOGICAL RECORD OF SCIENTIFIC PAPERS, REPORTS, AND BOOKS 2000 – 2018

2018 [through March]

Costa, J. T. 2018. The impish side of evolution's icon. *American Scientist* 106: 104–111.

Riddell, E. A., J. McPhail, J. D. Damm, and M. W. Sears. 2018. Trade-offs between water loss and gas exchange influence habitat suitability of a woodland salamander. *Functional Ecology* 2018: 1–10. DOI: 10.1111/1365-2435.13030.

2017

*** Papers stemming from the August 2016
Special Highlands Conference on Plethodontid Salamander Biology! ***

Herpetological Review, volume 48(3) 2017
<https://ssarherps.org/herpetological-review-pdfs/>
Herpetological History

Lungless in Highlands: A Brief History of Research and Education on Plethodontid Salamanders at Highlands Biological Station: Richard C. Bruce (pp. 576–581)

Herpetologica, volume 73(3) 2017
<http://www.hljournals.org.proxy195.nclive.org/toc/herp/73/3?code=herl-site>



Introduction to the Special Highlands Conference on Plethodontid Salamander Biology: Sarah K. Woodley, James T. Costa and Richard C. Bruce (pp. 177–179)

Eastern Red-backed Salamanders Regulate Top-Down Effects in a Temperate Forest-Floor Community: Cari-Ann M. Hickerson, Carl D. Anthony and B. Michael Walton (pp. 180–189)

The Evolution of Courtship Behavior in Plethodontid Salamanders: Contrasting Patterns of Stasis and Diversification: Stevan J. Arnold, Karen M. Kiemnec-Tyburczy and Lynne D. Houck (pp. 190–205)

Gene Duplication, Co-option, Structural Evolution, and Phenotypic Tango in the Courtship Pheromones of Plethodontid Salamanders: Damien B. Wilburn, Stevan J. Arnold, Lynne D. Houck, Pamela W. Feldhoff and Richard C. Feldhoff (pp. 206–219)

What Drives Variation in Plethodontid Salamander Species Richness over Space and Time?: Kenneth H. Kozak (pp. 220–228)

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How Metamorphosis Is Different in Plethodontids: Larval Life History Perspectives on Life-Cycle Evolution: Christopher K. Beachy, Travis J. Ryan and Ronald M. Bonett (pp. 252–258)

Life in the Slow Lane: Stress Responses in Plethodontid Salamanders: Sarah K. Woodley (pp. 259–268)

Brannon, M.P., J.K.H. Brannon, and R.E. Baird. Educational applications of small mammal skeletal remains found in discarded bottles. *Southeastern Naturalist* Special Issue 9: *in press*.

Costa, J. T. 2017. *Darwin's Backyard: How Small Experiments Led to a Big Theory*. New York: W. W. Norton.

Lendemer, J. C., C. R. Anderson Stewart, B. Besal, J. Goldsmith, H. Griffith, J. R. Hoffman, B. Kraus, P. LaPoint, L. Li, Z. Muscavitch, J. Schultz, R. Schultz, and J. L. Allen. 2017. The lichens and allied fungi of Mount Mitchell State Park, North Carolina: A first checklist with comprehensive keys and comparison to historical data. *Castanea* 82: 69–97.

Riddell, E. A., E. K. Apanovitch, J. P. Odom, and M. W. Sears. 2017. Physical calculations of resistance to water loss improve predictions of species range models. *Ecological Monographs*, 87(1): 21–33.

Wilburn, D. B., K. A. Doty, A. J. Chouinard, S. L. Eddy, S. K. Woodley, L. D. Houck, and R. C. Feldhoff. 2017. Olfactory effects of a hypervariable multicomponent pheromone in the red-legged salamander, *Plethodon shermani*. *PLoS ONE* 12(3): e0174370.

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