



THESES AND DISSERTATIONS 2000 – 2019

- Ballance, T. 2018. Effects of nest building behavior on incubation and reproductive success in Carolina chickadees (*Poecile carolinensis*). M.S. thesis, Western Carolina University.
- Becraft, K. 2013. Foraging niches and resource partitioning between three co-occurring songbirds in the southern Appalachians. M.S. thesis, UNC-Chapel Hill.
- Casey, E. D. 2002. Phylogeography and genetic diversity of the seal salamander (*Desmognathus monticola*). M.S. thesis, Eastern Illinois University.
- Cashner, M. F. 2010. Nest association in subgenus *Hydrophlox* (Cyprinidae: *Notropis*): a phylogenetic, behavioral and conservation approach. Ph.D. dissertation, Tulane University.
- Chattin, L. 2004. Habitat preferences of the Junaluska salamander, *Eurycea junaluska*, over two spatial scales. M.S. thesis, Towson University.
- Cladis, S. G. 2008. Interactions of resin flow, sap flow and environmental variables in two pine species (*Pinus strobus* and *Pinus echinata*; Pinaceae). M.S. thesis, Western Carolina University.
- Connette, G. 2014. Individual, population and landscape-scale effects of timber harvest on the red-legged salamander (*Plethodon shermani*). Ph.D. dissertation, University of Missouri.
- Crawford, J. 2007. Beyond the edge: Riparian habitat use and forest management effects on stream salamanders in the southern Appalachian mountains. Ph.D. dissertation, University of Missouri.
- Cummings, K. 2012. Sassafras tea: using a traditional method of preparation to reduce the carcinogenic compound safrole. M.S. thesis, Clemson University.
- Eckardt, M. 2013. Evidence of kin-specific communication in a temperate, subsocial spider *Anelosimus studiosus* (Araneae, Theridiidae). M.S. thesis, Western Carolina University.
- Fonner, C. W. 2015. The effects of stressors and stress hormones on behavior, physiology, and disease susceptibility in terrestrial salamanders. Ph.D. dissertation, Duquesne University.
- Harmon, W. A. 2018. The impossible salamander: aberrant coloration as a result of metal toxicity, crypsis, or light exposure. M.S. thesis, Western Carolina University.

- Harrelson, J. 2015. Golden-winged warblers (*Vermivora chrysoptera*) of the southern Appalachians: Behavior, ecology, and conservation of a declining Neotropical migrant songbird. M.S. thesis, Western Carolina University.
- Herlihy, C. R. 2004. Reproductive assurance and the evolution of self-fertilization in *Aquilegia canadensis*. Ph.D. dissertation, Queens University, Kingston, Ontario, Canada.
- Himes, S. L. 2002. Costs and benefits of self-fertility in *Asclepias exaltata* L. M.S. thesis, Western Carolina University.
- Jones, M. T. 2003. Population genetics and geographic variation in the shovel-noses salamander, *Desmognathus marmoratus*. M.S. thesis, Clemson University.
- Kiemnec, K. 2009. Chemical cues and the molecular basis of olfactory chemoreception in caudate amphibians. Ph.D. dissertation, Oregon State University.
- Kozak, K. H. 2005. Evolutionary and ecological diversification in eastern North American plethodontid salamanders: speciation, ecomorphological divergence, and community assembly in a salamander biodiversity hotspot. Ph.D. dissertation, Washington University.
- Lafferty, A. 2018. Invasion and high-elevation acclimation of the red imported fire ant (Formicidae: *Solenopsis invicta*) in the southern Blue Ridge Escarpment region. M.S. thesis, Western Carolina University.
- Lamphere, B. 2005. Movement and gene flow in an actively sedentary stream fish, the mottled sculpin (*Cottus bairdi*). Ph.D. dissertation, University of North Carolina at Chapel Hill.
- Lanzel, S. 2008. Atrazine and info-disruption: Does the pesticide atrazine disrupt the transfer of chemical information in the terrestrial salamander, *Plethodon shermani*? M.S. thesis, Duquesne University.
- Lessard, J. P. 2010. Linking community ecology and biogeography: the role of biotic interactions and abiotic gradients in shaping the structure of ant communities. Ph.D. dissertation, University of Tennessee.
- McCormick, M. A. 2012. Geographic distribution, phylogenetic relatedness, and phenotypic characterization of *Fomes fasciatus* and *Fomes fomentarius* in the United States. M.S. thesis, North Carolina State University.
- McCoy, S. 2016. Movement and habitat ecology of protected species in North Carolina. M.S. thesis, Western Carolina University.
- McNeill, D. F. III. 2008. Determination and compatibility of putatively hypovirulent and virulent isolates of *Cryphonectria parasitica* collected from the Great Smoky Mountains National Park. M.S. thesis, Mississippi State University.

- Mead, L. S. 2001. Patterns and processes of speciation in desmognathine salamanders. Ph.D. dissertation, University of Massachusetts.
- Mendelson, T. C. 2001. The evolution of reproductive isolation in a diverse genus of fish (*Etheostoma*, family: Percidae). Ph.D. dissertation, Duke University.
- Miller, J. R. 2002. Adaptive population variation in the black-bellied salamander, *Desmognathus quadramaculatus*. Ph.D. dissertation, University of North Carolina at Chapel Hill.
- Milne, M. A. 2010. Ecological interactions between spiders and the purple pitcher plant, *Sarracenia purpurea*. Ph.D. dissertation, Old Dominion University.
- Nation, T. H. 2005. The influence of soil calcium on land snail diversity in the Blue Ridge Escarpment of South Carolina. Ph.D. dissertation, Clemson University.
- O'Donnell, M. K. 2018. Clinging and climbing in plethodontid salamanders: Variation in performance, mechanisms of attachment, and effects of surface conditions. Ph.D. dissertation, University of South Florida.
- Peterman, W. E. 2008. Effects of riparian buffer width on stream salamander populations in the southern Appalachian mountains. M.S. thesis, University of Missouri.
- Quinlan, E. 2018. The phylogenetic history and ecophysiological diversity of sand-myrtle (Ericaceae: *Kalmia buxifolia*). M.S. thesis, Western Carolina University.
- Riddell, E. 2017. Ecological consequences of water loss under climate change in small ectotherms. Ph.D. dissertation, Clemson University.
- Robinson J. L. 2003. Discontinuities in fish assemblages and efficacy of thermal restoration in Toxaway River, North Carolina. M.S. thesis, North Carolina State University.
- Seaborn, T. J. 2014. Developing a predictive model of the autecology of the spruce-fir moss spider, *Microhexura montivaga* Crosby and Bishop 1925 (Araneae: Dipluridae). M.S. thesis, Western Carolina University.
- Sipe, T. W. 2002. Intraspecific phylogeography of the masked shrew (*Sorex cinereus*) and smoky shrew (*Sorex fumeus*) in the southern Appalachians. Ph.D. dissertation, Wake Forest University.
- Strauss, B. 2007. Snails at three scales: Interplay of stream hydrology and hydraulics with the morphology, dispersal and distribution of *Elimia proxima*. Ph.D. dissertation, Princeton University.
- Surasinghe, T. 2013. Influences of riparian land-uses on habitat use and interspecific competition of stream-dwelling salamanders: Evidence from Blue Ridge and Piedmont. Ph.D. dissertation, Clemson University.

- Taylor, R. N. 2001. The herpetofauna of Panthertown Valley, North Carolina, with emphasis on the efficacy of coverboards in evaluating populations of terrestrial salamanders. M.S. thesis, Western Carolina University.
- Timpe, E. 2009. Exploring the faunal connection between the Appalachian Mountains and the Ozark Plateau: a phylogeographic study of the long-tailed salamander complex (Plethodontidae: Splerpinae: *Eurycea*). M.S. thesis, University of Tulsa.
- Torgerson, J. 2012. Genetic variation in *Hydrastis canadensis* populations in western North Carolina. M.S. thesis, Western Carolina University.
- Wack, C. 2011. Neuroendocrine mechanisms mediating pheromonal modulation of behavior in terrestrial salamanders. Ph.D. dissertation, Duquesne University.
- Weaver, N. S. 2015. Influence of exurban neighborhoods on riparian vegetation and stream salamanders in the southern Appalachian mountains. M.S. thesis, Clemson University.
- Weisrock, D. 2003. Molecular phylogenetic studies of speciation and phylogeny in salamanders: macroevolutionary and microevolutionary perspectives. Ph.D. dissertation, Washington University.
- White, C. C. G. 2000. An analysis of spatial utilization by the terrestrial salamander *Plethodon metcalfi*. M.S. thesis, Western Carolina University.
- Whiteley, E. 2000. A structured inventory of the spiders in a Southern Appalachian bog. M.S. thesis, Western Carolina University.
- Wilburn, D. 2014. Mechanisms of action and co-optive evolution for hypervariable courtship pheromones plethodontid salamanders. Ph.D. dissertation, University of Louisville.
- Wilson, C. R. 2001. Status of the green salamander (*Aneides aeneus*) in the Blue Ridge Mountains. M.S. thesis, Appalachian State University.
- Wynns, J. 2006. Taxonomic studies in the aquatic moss genus *Platyhypnidium* (Brachytheciaceae). M.S. thesis, Appalachian State University.