

Vincent R. Farallo
Ph.D. Candidate
Department of Biological Sciences

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EDUCATION

Doctorate of Philosophy, Ecology and Evolutionary Biology In progress
Ohio University *Athens, OH*
Department of Biological Sciences
Dissertation: The role of microhabitat in the evolutionary ecology of plethodontid salamanders
Dissertation Advisor: Donald B. Miles

Master of Science, Population and Conservation Biology Dec 2009
Texas State University-San Marcos *San Marcos, TX*
Department of Biology
Thesis: Evolution of color polymorphism in Mottled Rock Rattlesnakes (*Crotalus l. lepidus*)
Thesis Advisor: Michael R.J. Forestner

Bachelor of Science, Biology June 2006
John Carroll University *University Heights, OH*
Department of Biology

Study Abroad Program *Rockhampton, Australia*
Central Queensland University

WORK EXPERIENCE

Graduate Student Researcher Aug 2010 – present
Ohio University
Department of Biological Sciences

- Assessed the microhabitat of plethodontid salamanders
- Compared the relationship of micro- and macro-scale habitat
- Assessed how microhabitats will be impacted by climate change
- Studied the Bogert effect and how it may help mitigate the effects of climate change
- Mentored 11 undergraduate students and recent graduates in a research setting

Contract Biologist Feb 2010 – March 2010
Michael R.J. Forstner, San Marcos, TX

- Analyzing Houston Toad habitat using GIS techniques
- Sorting and organizing documents concerning Houston Toad research

Graduate Student Researcher

Jan 2007 – Dec 2009

Texas State University-San Marcos

Department of Biology

- Color polymorphism research
- Ecological techniques
- Tissue and specimen preservation
- Utilization of GIS software

Wildlife Habitat Conservation and Management Intern

Feb 2007 – June 2007

Sanibel Captiva Conservation Foundation, Sanibel Island, FL

- Data entry
- Surveying for birds, mammals, reptiles, and amphibians
- Data collection on nesting shorebirds including the Snowy Plover (*Charadrius alexandrinus*), a threatened species

Research Assistant

Oct 2006 – Nov 2006

La Selva Biological Station, Costa Rica

- Tracking Fer de lance vipers (*Bothrops asper*) using radio telemetry
- Laboratory maintenance

Research Experience for Undergraduate Program

June 2005 – Aug 2005

La Selva Biological Station, Costa Rica

- Mentored by Maureen Donnelly and Ralph Saporito
- Completed several projects on herpetology and tropical biology

JOURNAL PUBLICATIONS

Farallo, V.R., D.B. Miles. 2016. Microhabitat use of two microendemic *Plethodon* species compared to the widespread *Plethodon cinereus*. *Copeia* 104 (1):67-77.

Farallo V.R., M.R.J. Forstner. 2012. Predation and the Maintenance of Color Polymorphism in a Habitat Specialist Squamate. *PLoS ONE* 7(1): e30316. doi:10.1371/journal.pone.0030316

Brown, D.J, **V.R. Farallo**, J.R. Dixon, J.T. Baccus, T.R. Simpson, M.R.J. Forstner. 2011. Freshwater turtle conservation in Texas: lingering harvest effects and efficacy of the current management regime. *Journal of Wildlife Management* 75 (3):486-494.

Farallo, V.R., M. Sasa, D.K. Wasko, M.R.J. Forstner. 2010. Reduced foraging in the presence of predator cues by the Black Spiny-tailed Iguana, *Ctenosaura similis* (Sauria: Iguanidae). *Phyllomedusa* 9 (2):99-109.

Farallo, V.R., D.J. Brown, M.R.J. Forstner. 2010. An improved funnel trap for drift-fence surveys. *Southwestern Naturalist* 55 (3):460-463.

Farallo, V.R., R. L. Swanson, G.R. Hood, J.R. Troy, M.R.J. Forstner. 2009. New county records for the Mediterranean house gecko (*Hemidactylus turcicus*) in Central Texas, with comments on human-mediated dispersal. *Applied Herpetology* 6: 196-198.

NATURAL HISTORY NOTES, BOOK REVIEWS, AND TECHNICAL REPORTS

Farallo, V.R. 2013. Review of *The Amphibians of Tennessee*. *Herpetological Review* 44(1): 164-165.

Forstner, M.R.J., **V.R. Farallo**. 2010. Houston toad habitat suitability assessment for the Cross county water supply pipeline project in Lee and Burleson counties, Texas. Submitted to ACI Consulting, Austin, TX. 16 pgs.

Swanson, R.L., **V.R. Farallo**, T.R. Simpson. 2010. Geographic distribution. *Hemidactylus turcicus*. *Herpetological Review* 41 (4): 512.

Vandewege, M.L., A. Harper, **V.R. Farallo**, M.R.J. Forster. 2009. Geographic distribution. *Gastrophryne olivacea*. *Herpetological Review* 40 (4):445-446.

Swanson, R.L., **V.R. Farallo**, J.R. Troy, G.R. Hood, M.R.J. Forstner. 2009. Geographic distribution. *Hemidactylus turcicus*. *Herpetological Review* 40 (4): 453.

Farallo, V.R., R. Swanson, J.R. Troy, G.R. Hood, M.R.J. Forstner. 2008. Geographic distribution. *Lithobates sphenocephalus*. *Herpetological Review* 39 (3): 363.

Swanson, R.L., **V.R. Farallo**, J.R. Troy, G.R. Hood, M.R.J. Forstner. 2008. Geographic distribution. *Hemidactylus turcicus*. *Herpetological Review* 39 (3): 367.

Farallo, V.R., R. Swanson, J.R. Troy, G.R. Hood, M.R.J. Forstner. 2008. Geographic distribution. *Hemidactylus turcicus*. *Herpetological Review* 39 (3): 368.

Farallo, V.R., R. Swanson, J.R. Troy, G.R. Hood, M.R.J. Forstner. 2008. Geographic distribution. *Coluber constrictor*. *Herpetological Review* 39 (4):484.

Swanson, R.L., **V.R. Farallo**, J.R. Troy, G.R. Hood, M.R.J. Forstner. 2008. Geographic distribution. *Anolis carolinensis*. *Herpetological Review* 39 (4):482.

Swanson, R.L., **V.R. Farallo**, J.R. Troy, G.R. Hood, M.R.J. Forstner. 2008. Geographic distribution. *Syrrhophus cystignathoides campi*. *Herpetological Review* 39 (4):478.

CONFERENCE PRESENTATIONS AND POSTERS (*Undergraduate Co-author)

Farallo, V.R., D.B. Miles. 2016. Will behavioral compensation save species in a warming climate? Annual Meeting of the Society for Integrative and Comparative Biology.

- Farallo, V.R.,** D.B. Miles. 2015. Microhabitat use of two microendemic *Plethodon* species compared to the widespread *Plethodon cinereus*. Meeting of the Society for the Study of Amphibians and Reptiles.
- Farallo, V.R.,** D.B. Miles. 2014. Exploring below the undergrowth: the role of microhabitat in the evolutionary ecology of plethodontid salamanders. Joint Meeting of Ichthyologists and Herpetologists.
- Farallo, V.R.,** D.B. Miles. 2014. Exploring below the undergrowth: the role of microhabitat in the evolutionary ecology of plethodontid salamanders. Plethodontid Meeting. Tulsa, Oklahoma.
- Ternes, W.*, C. Wheeler*, **V.R. Farallo.** 2014. Microhabitat use of the Big Levels Salamander: a microendemic plethodontid. Joint Meeting of Ichthyologists and Herpetologists.
- Farallo, V.R.,** D.B. Miles. 2012. The role of micro-habitat in shaping the evolutionary ecology of Plethodontid salamanders of the eastern united states. The 7th World Congress of Herpetology.
- Farallo, V.R.,** M.R.J. Forstner. 2011. Predation and the maintenance of color polymorphism in a habitat specialist squamate (Poster). The 96th annual meeting of the Ecological Society of America.
- Farallo, V.R.** 2011. Predation and the maintenance of color polymorphism in a habitat specialist squamate. Joint Meeting of Ichthyologists and Herpetologists
- Farallo, V.R.,** M.R.J. Forstner. 2010. Predation and the maintenance of color polymorphism in the mottled rock rattlesnake (*Crotalus l. lepidus*). Evolution, Portland, Oregon.
- Farallo, V.R.,** M.R.J. Forstner. 2010. Predation and the maintenance of color polymorphism in the mottled rock rattlesnake (*Crotalus l. lepidus*). The 57th Annual meeting of the Southwestern Association of Naturalist.
- Farallo, V.R.,** M.R.J. Forstner. 2010. Predation and the evolution of color polymorphism in the mottled rock rattlesnake (*Crotalus l. lepidus*). The 113th Annual meeting of the Texas Academy of Science.
- Farallo, V.R.,** M.R.J. Forstner. 2009. Why so many forms? Field tests of the selective pressures on color and pattern variation and its maintenance in the mottled rock rattlesnake (*Crotalus l. lepidus*). International Conference for Graduate Students.
- Farallo, V.R.,** M.R.J. Forstner. 2009. Two are better than one: Improved funnel trap design. The 112th Annual meeting of the Texas Academy of Science.
- Farallo, V.R.,** M.R.J. Forstner. 2009. Two are better than one: Improved funnel trap design. The 56th Annual meeting of the Southwestern Association of Naturalist.

Farallo, V.R., M.R.J. Forstner. 2008. Two are better than one: Improved funnel trap design. The 13th Annual Texas State Biology Department Colloquium.

TEACHING EXPERIENCE

Instructor Aug 2015 – present
Ohio University

BIOS 3760 – Field Ecology Lecture and Labs

- Restructured the course
- Created new lab assignments
- Coordinated three teaching assistants

BIOS 6820 – Advanced Topics Seminar on Color Polymorphism

- Developed a seminar discussing the ecology and evolution of color polymorphism
- Discussing techniques and statistical methods useful for studying color polymorphism

Teaching Assistant Sep 2010 – present
Ohio University

BIOS 1710 – Introductory Biology - Anatomy and Physiology

BIOS 1730 – Introductory Biology - Animal Diversity

BIOS 3015 – Human Anatomy

BIOS 3030 – Comparative Vertebrate Anatomy

BIOS 3760 – Field Ecology

Teaching Assistant Aug 2007 – Dec 2009
Texas State University-San Marcos

BIOL 1131 – Organismal Biology

BIOL 2450 – Genetics

BIOL 4434 – Herpetology

FELOWSHIPS, GRANTS, AND AWARDS

Fellowships

- OCEES Graduate Research Fellowship 2015
- Ohio University Graduate College Fellowship 2013 – 2014

Grants

- Ohio University Research Committee Award, CO-PI \$8,000 – 2015
- Sigma Xi Grants in Aid of Research \$400 – 2008, \$700 – 2014
- Exploration Fund Grant \$2500 – 2012, \$2000 – 2013, \$1000 – 2014
The Explorers Club
- Lewis and Clark Fund for Exploration and Research \$4000 – 2012
American Philosophical Society

- Rosemary Grant \$2000 – 2012
Society for the Study of Evolution
- Ohio University Student Enhancement Award \$6000 – 2013
- Ohio University Graduate Student Senate Research Grant \$500 – 2011, \$1500 – 2012
- Ohio University Graduate Student Senate Travel Grant \$500 – 2011, \$500 – 2012
- Student Travel Grant \$300 – 2011
American Society of Ichthyologists and Herpetologists
- Texas State College of Science Travel Grant \$235 – 2008, \$325 – 2009
- Southwestern Association of Naturalist Travel Grant \$350 – 2008
- Marvin R. Aures Herpetological Grant \$100 – 2008
Western New York Herpetological Society

Awards

- Honorable Mention for best graduate student presentation \$50 – 2009
113th Annual meeting of the Texas Academy of Science
- Texas State Associate Student Government Scholarship \$2000 – 2008

PROFESSIONAL AFFILIATIONS

- American Society of Naturalists (ASN) 2013 – present
- Society for the Study of Amphibians and Reptiles (SSAR) 2006 – present
- Herpetologist League (HL) 2006 – 2015
- American Society of Ichthyology and Herpetology (ASIH) 2006, 2007, 2011 – present
- Beta Beta Beta National Biological Honor Society (BBB) 2008 – present
- Sigma Xi Scientific Research Society 2009 – 2015
- Society for the Study of Evolution (SSE) 2010 – present

OUTREACH

- Founder and Organizer of the annual JCU/OU Herpetology Symposium 2011 – present
- Mentor for first time students at SSAR annual meetings 2012 – present

PROFESSIONAL SERVICE

- Served as reviewer for the *Biological Journal of the Linnean Society* (2012), *North-Western Journal of Zoology* (2012), *PLoS One* (2013), *Journal of Herpetology* (2014), and *Copeia* (2014)
- Vice-president Ohio University Biological Sciences Graduate Society 2014
- Website Committee Member 2013 – present
Society for the Study of Amphibians and Reptiles
- Webmaster Ohio University Biological Sciences Graduate Society 2012 – present
- Student Travel Committee Chair 2011 – present
Society for the Study of Amphibians and Reptiles

PRESS

- Journal article “An improved funnel trap for drift-fence surveys” was discussed in the field notes section of the Winter 2010 issue of *The Wildlife Professional*
- My dissertation work was discussed in the Spring/Summer 2014 issue of *Perspectives Magazine*
 - https://www.ohio.edu/research/communications/upload/Perspectives_Sp-S14_web.pdf