

GLENDAMARIE YENNI

Department of Wildlife Ecology and Conservation
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EDUCATION

Utah State University, August 2013

PhD in Ecology, Biology GPA: 3.8

Dissertation: "Self-limitation as an explanation for species' relative abundances and the long-term persistence of rare species"

<http://digitalcommons.usu.edu/etd/1958/>

Advisor: S. K. Morgan Ernest

Utah State University, May 2011

MS in Statistics GPA: 3.74

Thesis: "Climate change and community dynamics: A hierarchical Bayesian model of resource-driven changes in a desert rodent community"

<http://digitalcommons.usu.edu/gradreports/21/>

Advisor: Mevin Hooten

University of California, Davis, June 2004

BS in Animal Science, specialization Conservation Biology, with Honors GPA: 3.58

PROFESSIONAL EXPERIENCE

Scientific Research Manager. Department of Wildlife Ecology and Conservation, University of Florida. Management of an interdisciplinary ecology lab, coordinating research efforts, initiating new projects, managing collaborations with outside research groups/projects, purchasing, hiring, data management, field site management, field crew training and coordinating. 2015 - present

Research Assistant. Department of Biology, Utah State University, Logan UT. Management of the Portal LTREB, protocol, biannual vegetation censuses, small mammal live trapping, database management. 2013 – 2015

Research Consultant. Department of Environmental and Resource Sciences. University of Nevada, Reno, NV. Sage grouse monitoring, database design, data entry and backup design, flora guide, habitat surveys, crew training. 2013

Graduate Research Assistant. Department of Biology, Utah State University, Logan UT. Desert small mammal community ecology, management of the Portal LTREB, small mammal live trapping, database management. 2006-2008, 2012-2013

Research Assistant. School of Natural Resources, University of Arizona. Mt. Graham, AZ. *Tamiasciurus hudsonicus grahamensis* radio telemetry, habitat classification, database maintenance, threatened/endangered species protocol. 2006

Field Technician. University of Alaska, SE and USDA Forest Service, Pacific Northwest Research Station. Prince of Wales Island, AK. Winston P. Smith, Ph.D. (Research Wildlife Biologist). *Glaucomys sabrinus* live trapping, PIT tagging, tissue/blood/hair sampling, spool releases, nighttime radio telemetry triangulation, homing and den site surveys, vegetation surveys in old growth, clear cuts, and second growth, management and instruction of EarthWatch volunteers, set up and operation of Silent Image cameras for vigilance behavior study, data management. 2005

Field Assistant. Department of Evolution and Ecology, UC Davis. Karen Mabry (Population Biology Graduate Group). *Peromyscus boylii* live trapping, tagging, tissue sampling, data recording, nighttime radio telemetry and triangulation and homing, fluorescent powder tracking, GPS, vegetation surveys of nest sites. 2004-2005

Internship. Department of Evolution and Ecology, UC Davis. Judy Stamps and Kyria Mills. *Drosophila* observations, experiment design, yeast cultures, purification of genomic DNA, PCR, DNA sequencing. 2004

Lab Assistant. Herman J. Phaff Yeast Culture Collection, UC Davis. Kyria Mills. Purification and transfer of yeast strains, lab management. 2004

Field Assistant. GS-0404-04, US Forest Service. Andrea Thode (Fire Ecologist). Sierra Nevada Framework. Plant surveys, remote data entry, locating and assembling experimental plots, use of GPS, orienteering. 2003

Lab Assistant, Pet and Health Care Center, Department of Molecular and Cellular Biology, UC Davis. 2000-2001

TEACHING EXPERIENCE

Teaching Assistant. Biology II, BIOL 1620, Utah State University. 2012

Teaching Assistant. Human Physiology, BIOL 2420, Utah State University. 2009

Teaching Assistant. Biology I, BIOL 1610, Utah State University. 2009

Outdoor Adventures Wilderness Guide. UC Davis. 2003-2004

Biology/Statistics Tutor, Learning Skills Center, UC Davis. 2002-2003

IN PREP

Yenni, Glenda Marie, Mevin Hooten, and S. K. Morgan Ernest. Climate Change and Community Dynamics: A Hierarchical Bayesian Model of Resource – Driven Changes in a Desert Rodent Community.

Yenni, Glenda Marie, and S. K. Morgan Ernest. The Importance of Currency in Detecting Community Dynamics.

PUBLICATIONS

Yenni, G., Adler, P. B. and Ernest, S. K. M. (2017), Do persistent rare species experience stronger negative frequency dependence than common species?. *Global Ecol. Biogeogr.* doi:10.1111/geb.12566

Ernest, S.K.M., G.M. Yenni, G. Allington, E.M. Christensen, K. Geluso, J.R. Goheen, M.R. Schutzenhofer, S.R. Supp, K.M. Thibault, J.H. Brown, T.J. Valone. 2013. Long-term monitoring and experimental manipulation of a Chihuahuan desert ecosystem near Portal, Arizona, dataset 2003-2013. *Ecological Archives*. doi: 10.1890/15-2115.1

Yenni, Glenda Marie, Peter Adler, and S. K. Morgan Ernest. 2012. Strong self-limitation promotes the persistence of rare species. *Ecology*. 93 (3) pp. 456 – 461. doi: 10.1890/11-1087.1

PRESENTATIONS

Yenni, G M. 2012. Strong self-limitation for rare species across environments and taxa. Ecological Society of America. Portland OR.
<http://dx.doi.org/10.6084/m9.figshare.95824>

Yenni, G M. 2010. Understanding Ecological Communities. Guest Speaker. AAUW Utah Annual Scholarship Benefit Luncheon. Brigham City UT.

Yenni, G M. 2009. The relative importance of negative frequency-dependent growth in species-rich communities. Ecological Society of America. Albuquerque NM.
<http://dx.doi.org/10.6084/m9.figshare.95827>

Yenni, G M. 2009. Coexistence Patterns in a Desert Rodent Community. American Society of Mammalogists. University of Alaska, Fairbanks AK.
<http://dx.doi.org/10.6084/m9.figshare.95826>

Yenni, G M. 2007. Changing Competitors and Dynamics in a Desert Rodent Community. American Society of Mammalogists. University of New Mexico, Albuquerque NM.
<http://dx.doi.org/10.6084/m9.figshare.95825>

AWARDS

USU Research and Graduate Studies Graduate Student Travel Award – August 2012

USU Center for Women and Gender Travel Grant – July 2012

USU Ecology Center Travel Award – June 2007, June 2009, July 2012

USU School of Graduate Studies Dissertation Fellowship – 2012

USU Ecology Center Assistantship - 2010-2011

AAUW Selected Professions Fellowship – 2008-2009

USU Diversity Fellowship in Science and Engineering – 2006-2008
American Society of Animal Science Scholastic Achievement Award 05/28/2004
Animal Science Academic Scholarship – UC Davis 1999-2001

MEMBERSHIPS

Ecological Society of America
American Society of Mammalogists
American Statistical Association

SKILLS

Quantitative: Bayesian, likelihood-based, and frequentist statistics, multivariate statistics, mathematical models of ecological concepts, simulation, database design and management, experimental design and implementation

Field: Leading/managing field crews, live small mammal and bird trapping and handling, vegetation surveys, plant identification, PIT tagging, radio collaring, radio telemetry (including triangulation), blood sampling, Silent Image cameras, wildlife observation, GPS, bat mist-netting

Computer: Microsoft, Macintosh, Linux, virtual machines, using the shell, version control, web design

GitHub Repository: <https://github.com/gmyenni/>

Language: Spanish, R, Python, SQL, MATLAB, SAS

EXTRACURRICULAR

Wilderness First Aid, CPR
Rock-climbing (traditional and sport)
Backcountry skiing
Technical canyoneering
Mountaineering
Long-distance backpacking
Backcountry horse packing
Sea and whitewater kayaking
SCUBA diving
Orienteering
Wilderness photography
Organic and sustainable farming

References

Dr. S.K. Morgan Ernest
Associate Professor
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Dr. Peter Adler
Professor
Wildland Resources Department
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435.797.1021
www.cnr.usu.edu/htm/facstaff/adler-web

Dr. Ethan White
Associate Professor
Department of Wildlife Ecology and Conservation
University of Florida
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