

Elita Baldridge

elita.baldridge@weecology.org (816) 500-8436
Biology Department and the Ecology Center
Utah State University, Logan, Utah, 84322

Education

Utah State University, Logan UT; *in progress*: August 2010-present
Ph.D. (Doctoral candidate), Ecology
Advisor: Dr. Ethan White

Fort Hays State University, Hays, KS; August 2008-May 2010
M.S., Biology
Thesis title: Nested subsets, scale, and the distribution of abundance: A macroecological approach.
Advisor: Dr. Rob Channell

Kansas State University, Manhattan, KS; August 2003-December 2007
B.S., Wildlife Ecology and Management

Professional Experience

Fall 2012- present	<i>Graduate teaching assistant</i> Utah State University, Logan UT.
Summer 2011- 2012	<i>Graduate research assistant</i> Utah State University, Logan UT.
Fall 2010-Spring 2011	<i>Graduate teaching assistant</i> Utah State University, Logan UT.
Fall 2009-Spring 2010	<i>Flehart Fellow</i> Fort Hays State University, Hays, KS.
Summer 2009	<i>Kansas Wetlands Education Center assistant</i> Kansas Wetlands Education Center, Cheyenne Bottoms, KS.
Fall 2008-Spring 2009	<i>Graduate teaching assistant</i> Fort Hays State University, Hays KS

Summary of Courses Taught

Utah State University, Logan, UT

Introductory Biology Laboratory, Biology 1610 and 1620, one credit hour (Fall 2010, 2012, Spring 2011, 2013)

Taught introductory biology course for biology majors, covering evolution, basic genetics, diversity of life, and ecology.

Fort Hays State University, Hays, KS

Ecology Laboratory, one credit hour (Spring 2009)

Taught ecology laboratory for majors, covering diversity indices, life tables, foraging, distributions, and mark/recapture.

Microbiology for Allied Health Laboratory, one credit hour (Fall 2008, Spring 2009)

Assisted with laboratory preparation for non-majors course, making microbiological media and culturing bacteria, as well as assisting student with laboratory activities.

Laboratory Experiences in Biology, one credit hour (Fall 2008)

Taught introductory biology course for non-majors, covering evolution, basic genetics, diversity of life, and ecology.

Research

Research Interests

Macroecology
Community ecology
Commonness and rarity
Ecoinformatics

Publications

White, E.P, *E. Baldrige*⁺, Z.T. Brym⁺, K.J. Locey⁺, D.J. McGlinn⁺, S.R. Supp⁺, *in review*. 2013. Nine simple ways to make it easier to (re)use your data. *Ideas in Ecology and Evolution*. *preprint*: <https://peerj.com/preprints/7.pdf>

(+: Authors contributed equally to the work.)

Presentations

Ecological Society of America 2013 Meeting, Minneapolis MN
Elita Baldrige & Ethan White, organizers. Ignite session "Constraints in Ecology".

Ecological Society of America 2011 Meeting, Austin TX
Elita Baldrige & Rob Channell. Testing the assumptions of the nested subset pattern.

Southwestern Association of Naturalists 2010 Meeting, Junction TX
Elita Baldrige & Rob Channell. Nested subset analysis: Examining geographic scale and abundance.

Kansas Ornithological Society 2009 Meeting, Hutchison KS
Elita Baldrige & Rob Channell. Effects of environmental conditions and distance from the geographic range center on the abundance of avian species.

Posters

Ecological Society of America 2012 Meeting, Portland OR
Elita Baldrige, Nathan Myrhvold, and Morgan Ernest. Macroecological life-history trait database for birds, mammals, and reptiles

Research & Creative Activities Week 2010, Fort Hays State University, Hays KS
Elita Baldrige. Niche position, range position, and the distribution of abundance.

Research & Creative Activities Week 2009, Fort Hays State University, Hays KS
Elita Baldrige. Nested Subsets: A pattern of community assembly.

Data

MiscAbundanceDB: Community abundance data for a variety of mostly vertebrate taxa.

Available on figshare at the following links:

Metadata: <http://dx.doi.org/10.6084/m9.figshare.95841>

Sites table: <http://dx.doi.org/10.6084/m9.figshare.95842x>

Main data table: <http://dx.doi.org/10.6084/m9.figshare.95843x>

Citations table: <http://dx.doi.org/10.6084/m9.figshare.95844>

Code

GitHub repositories at <https://github.com/embaldrige>

Awards & Honors

Flehart Fellowship, Department of Biological Sciences, Fort Hays State University, \$7,000

Skills

Databases

SQL

Programming

Python (primary language)

Bash

Git

Visual Basic

R