

JASON P. SEXTON

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EDUCATION AND TRAINING

09/2004 – present Ph.D., Ecology, University of California, Davis, Expected June, 2010
Dissertation advisors: Dr. Kevin Rice, Dr. Sharon Strauss
05/2000 M.S., Ecology, University of Montana, Missoula
08/1997 B.S., Biology, Humboldt State University, Arcata, California

PUBLICATIONS AND COMPLETED MANUSCRIPTS

Sexton, J.P., McIntyre, P.J., Angert, A.L., and K.J. Rice. *In review*. Evolution and ecology of species range limits. *Annual Review of Ecology, Evolution, and Systematics*.
Sexton, J.P. and A.B. Griffith. *Accepted*. Incorporating evolutionary factors into conservation responses under climate change scenarios. In Root, T.L., Hall, K.R., Herzog, M., and Howell, C.A., eds. Biological Impacts of Climate Change in California.
Epanchin-Niell, R.S., Hufford, M.B., Aslan C.E., **Sexton, J.P.**, Port, J.D., and T.M. Waring. *Accepted*. Controlling invasive species in complex social landscapes. *Frontiers in Ecology and the Environment*.
Aslan, C.E., Hufford, M.B., Niell, R.S., Port, J.D., **Sexton, J.P.**, and T.M. Waring. 2009. Practical Challenges in Private Stewardship of Rangeland Ecosystems: Yellow Starthistle Control in Sierra Nevada Foothills. *Rangeland Ecology and Management*. 62: 28-37.
Bower, M., **Sexton, J.P.** and V. Carne-Cavagnaro. 2006. Agricultural invaders, pests, and disease in California's changing climate. Chapter 7. In Cavagnaro, T.R., Jackson, L.E. and Scow, K.M., eds. Climate Change: Challenges and Solutions for California Agricultural Landscapes. California. CEC-500-2005-189-SF.
Sexton, J.P., Sala, A. and K. Murray. 2006. Occurrence, persistence, and expansion of saltcedar (*Tamarix* spp.) populations in the Great Plains of Montana. *Western North American Naturalist*. 66(1): 1-11.
Sexton, J.P., McKay, J.K. and A. Sala. 2002. Plasticity and genetic diversity may allow saltcedar to invade cold climates in North America. *Ecological Applications*. 12(6): 1652-1660.

SELECTED EMPLOYMENT AND RESEARCH EXPERIENCE

2001-2004 **Assistant Director**; *Sweeney Granite Mountains Desert Research Center, University of California, Riverside*
1999 **Fire-effects Crew Member**; *Saguaro National Park, Tucson, Arizona*
1997 **Pollination Biology Intern**; *Biology Department, University of Miami, Florida*; Principle Investigator: Dr. Theodore Fleming
1996 **Mammalian Ecology Field Technician**; *Museum of Southwestern Biology, University of New Mexico, Albuquerque*

SELECTED PRESENTATIONS *Presenter underlined

DeMarche, M.L., Sexton, J.P., and K.J. Rice. Intraspecific facilitation and drought tolerance: niche adaptations in a Sierran endemic. California Native Plant Society Conference, Sacramento, CA, 2009.

Sexton, J.P., Rice, K.J., and S.Y. Strauss. Assessing Climate Change Adaptive Potential in a Sierra Nevada Endemic Plant. California Climate Change Conference, Sacramento, CA, 2008.

Grossenbacher, D. L., Veloz, S. D., Sexton, J. P., and J. B. Whittall. Niche evolution is related to speciation: A test within the genus *Mimulus*. Ecological Society of America annual meeting, Milwaukee, WI, 2008.

Sexton, J.P., Rice, K.J., and S.Y. Strauss. The role of range edges in determining adaptive climate responses in the cut-leaved monkeyflower (*Mimulus laciniatus*). Ecological Society of America and SER annual meeting, San Jose, CA, 2007.

HONORS AND RESEARCH AWARDS

- USDA, Forest Service, Native Plant Materials Program Research Grant (\$15,000), 2009
- Member of Phi Sigma Honor Society, UC Davis Chapter, 2009
- Alliance for Graduate Education and the Professoriate Advantage Fellow, 2008-2009
- UC Davis Block Grant Fellowship (two quarters, stipend and fees), 2008-2009
- NSF Doctoral Dissertation Improvement Grant (\$11,975), 2008
- UC Davis & Humanities Graduate Research Fellowship, 2008
- Biological Impacts of Climate Change in California program travel award, 2007
- Jastro Shields Research Fellowship (three awards received), UC Davis, 2006-2008
- Summer Institute in Statistical Genetics, Tuition Scholarship, U. Wash., 2007
- Center for Population Biology Research Award (two awards received), UC Davis, 2007-2008
- NSF Biological Invasions IGERT Research Grant (\$7,400), UC Davis, 2007
- Center for Population Biology Affiliate, UC Davis, 2006 to present
- California Native Plant Society Research Grant (two awards received), 2006-2007
- UCLA Institute of the Environment travel grant, 2006
- NSF Graduate Research Fellowship Program, Honorable Mention, 2006
- NSF Long-term Traineeship, Biological Invasions IGERT, UC Davis, 2004-2006
- McDonald Graduate Student Fellowship, Plant Sciences Dept., UC Davis, 2004-2008
- Professional Development Award, UC Riverside, 2003

SYNERGISTIC ACTIVITIES

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| 09/2004-present | Undergraduate Mentor. Mentored thirteen undergraduate student interns in evolutionary ecology and biotechnology, Plant Sciences Department, UC Davis. |
| 05/2008 | Planning Committee Member. Metabolic Theory of Ecology Workshop, UC Davis. |
| 08/2007 | Session Moderator and Student Oral Competition Judge. Ecological Society of America Annual Meeting. |
| 09/2006 | Coordinator and Discussion Moderator. Yellow Starthistle Symposium, UC Davis. |
| 11/2003 | Coordinator and Moderator. Sweeney Granite Mountains Desert Research Center 25 th Anniversary Science Symposium, UC Riverside. |