

Curriculum vitae

BRENDA J. LARISON

ADDRESS

Department of Ecology and Evolutionary Biology
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University of California
Los Angeles, CA 90095-1606

EDUCATION

Ph.D. University of California, Los Angeles, 2007
MA Biology, San Francisco State University, 1996
BS Marine Biology, San Francisco State University, 1989

PROFESSIONAL POSITIONS

Current Postdoctoral researcher, Department of Ecology and Evolutionary Biology and Center for Tropical Research, Institute of the Environment, University of California, Los Angeles, California
Current Lecturer, Department of Ecology and Evolutionary Biology, University of California, Los Angeles, California
2002-06 Teaching Assistant, Department of Ecology and Evolutionary Biology, University of California, Los Angeles, CA.
1998-99 Research Associate, Center for Tropical Research, Department of Biology, San Francisco State University, San Francisco, CA.
1993-97 Research Associate, Department of Biology, San Francisco State University, San Francisco, CA.
1993-96 Teaching Assistant, Department of Biology, San Francisco State University, San Francisco, CA.
1993-94 Researcher, Kern River Research Center, Weldon, CA.
1990-92 Graduate Assistant, Moss Landing Marine Laboratories, Moss Landing, CA.
1990 Graduate Assistant, Department of Biology, San Francisco, CA.

TEACHING EXPERIENCE

2007-current University of California, Los Angeles. Ornithology, Animal Behavior, Field Biology Quarter

ASSISTANT TEACHING

2003-2006 University of California, Los Angeles. Ecology and Behavior, Animal Behavior, Population Biology, Field Biology Quarter.

FELLOWSHIPS AND HONORS

2005 UCLA Dissertation Year Fellowship
2004 UCLA Graduate Fellowship
2001 Graduate Research Training Fellowship, UC Davis
2001 Block Grant, UC Davis
2000 Smithsonian Graduate Student Fellowship
2000 ARCS Foundation Fellowship
1999 Graduate Research Training Fellowship, UC Davis

1999 Block Grant, UC Davis
1994 Elected Member, *Sigma Xi*
1994 GAANN, Pre-doctoral Fellowship, SFSU
1989 BS *Cum Laude*

RESEARCH GRANTS AND CONTRACTS

2004 NSF Doctoral Dissertation Improvement Grant (\$7300.00)
2001 UC Davis Center for Population Biology Research Award (\$600)
2000 Smithsonian Tropical Research Institute (\$3500)
2000 Daphne and Ted Pengelley Research Award – UC Davis (\$500)
2000 UC Davis Center for Population Biology Research Award (\$350)
1997 USAID/CARPE. Biotic Surveys of Bioko and Mбини, Equatorial Guinea (w/T. Smith and D. Girman; \$84,900).
1994 *Sigma Xi* - Grant in Aid of Scientific Research. The Song Sparrow as a Model for Cowbird Parasitism on the Endangered Willow Flycatcher (\$450).
1993-94 Kern River Research Center. Reproductive Success of Song Sparrows on a Riparian Restoration Site (\$7,500).

PEER- REVIEWED PUBLICATIONS

Larison, B. 2008. Impacts of environmental heterogeneity on alternative mating tactics in the threadtail damselfly. *Behavioral Ecology and Sociobiology* 16:531-536.
Larison, B. 2007. Environmental heterogeneity and alternative mating tactics in the damselfly, *Protoneura amatoria*. *Behavioral Ecology* 18:1021-1028
Larison, B., P. W. Williams, S. A. Laymon, and T. B. Smith. 2001. Avian responses to restoration: nest-site selection and reproductive success in Song Sparrows. *Auk* 118:432-442.
Smith, T. B., K. Holder, D. Girman, K. O'Keefe, **B. Larison**, and Y. Chan. 2000. Comparative avian phylogeography of Cameroon and Equatorial Guinea mountains: implications for conservation. *Molecular Ecology* 9:1505-1516.
Larison, B., T. B. Smith, R. Fotso, and D. McNiven. 2000. Comparative avian biodiversity of five mountains in northern Cameroon and Bioko. *Ostrich* 17:269-276.
Schneider, C. J., T. B. Smith, **B. Larison** and C. Moritz. 1999. A test of alternative models of diversification in tropical rainforests: Ecological gradients vs. rainforest refugia. *Proc. Nat. Acad. Sci.* 96: 13869-13873.
Larison, B., S. A. Laymon, P. L. Williams, and T. B. Smith. 1998. Song Sparrows vs. Cowbird brood parasites: impacts of forest structure and nest-site selection. *Condor* 100: 93-101.

IN REVIEW AND PREPARATION

Larison, B. and G. Grether. Frequency Dependent Influence of Flight Dynamics on Alternative Mating Tactics in a Damselfly
Larison, B., R. Srygley, and D. Earl. Flight cost and power production in hovering damselflies.

TECHNICAL REPORTS

Smith, T. B., **B. Larison**, D. Girman, D. Stauffer, B. Milá, R. C. Drewes, C. E. Griswold, J. V. Vindum, D. Ubick. 1998. Biotic Surveys of Bioko and Rio Muni, Equatorial Guinea. Submitted to Biodiversity Support Program, CARPE, USAID.
Larison, B., T. B. Smith. 1996. A Survey of Montane and Lowland Birds from Three Sites on the Island of Bioko, Equatorial Guinea. Submitted to the Government of Equatorial Guinea. 10 pages.
Larison, B., T. B. Smith, D. McNiven, R. Fotso, M. Bruford, K. Holbrook, and A. Lamperti. 1996. Faunal Surveys of Selected Montane, and Lowland Areas of Cameroon. Submitted to WWF-Cameroon. 68 pages.

RESEARCH EXPERIENCE

- 2007- Conservation genetics of Grevy's zebra in Kenya and Ethiopia
2007- Molecular basis and heritability of stripes in the common zebra
2001-06 Conducted research on alternative mating tactics in the damselfly, *Protoneura amatoria* in Panama
2001- Associate researcher with the Center for Tropical Research, Institute of the Environment, UCLA. Assisting with various aspects of field research including **mist-netting** of birds. Work conducted in Ecuador, Cameroon and Ivory Coast.
1997 Conducted research on *Carlia rubrigularis* and *rhomboidalis* in adjacent rainforest and wet sclerophyll habitats in Queensland, Australia.
1995-98 Conducted bird (**mist-netting** and by sight) and mammal surveys, vegetation assessment, and interviews with local tribes, to assess conservation potential of montane and lowland rainforest sites of Cameroon and Equatorial Guinea.
1993-94 Assessed avian response to riparian restoration on the Kern River Preserve in southern California, by studying reproductive success of song sparrows in restored and natural forests. **Mist-netted**, banded and color banded song sparrows for individual identification. **Drew blood** for parasite analysis.
1990-92 Conducted biological assessment for proposed wetland restoration at Wilder Ranch State Park, Santa Cruz, California. Designed and initiated surveys to monitor changes in the avian community in response to pending oak savanna restoration around Elkhorn Slough.

PRESENTATIONS

- 1994 Wildlife Society meeting, Albuquerque, NM - Talk title: Nest success of Song Sparrows in restored and natural riparian areas.
1995 Cooper Society meeting, San Diego, CA, Talk title: Song sparrows vs. cowbird brood parasites: Impacts of forest structure and nest-site selection.
1996 Joint Ecological Society of America and Society for Conservation Biology meeting, Providence, RI - Talk title: Effects of habitat structure and host/parasite ratios on brown-headed cowbird (*Molothrus ater*) parasitism rates in a riparian forest in southern California.
2003 Animal Behavior Society meeting, Boise, ID - Poster title: The influence of tactic switching and habitat selection on the evolution of alternative mating tactics in *Protoneura amatoria*.
2004 Animal Behavior Society meeting, Oaxaca, Mexico - Poster title: Social influences on the choice of mating tactics in a damselfly.
2006 Animal Behavior Society meeting, Snowbird, Utah – Talk title: Habitat heterogeneity influences tactic use and mating success in a damselfly.
2007 Animal Behavior Societ meeting, Burlington, NH – Talk title: Different strokes for different blokes: flight dynamics influence alternative mating tactics in a damselfly.

SERVICE

- 2008 Developed website and solicitation letter to initiate fund raising for the Department of Ecology and Evolutionary Biology's undergraduate Field Biology Quarter
<http://www.eeb.ucla.edu/fbg>
2005-06 Graduate Student Representative on departmental hiring committee. UCLA
2005-06 Graduate Student Recruitment committee. UCLA
2001 Organizer, 3rd annual Bay Area Conservation Biology Symposium
1997- Reviewer for: Condor, Ibis, Animal Behavior