

IDELLE A. COOPER

PUBLICATIONS

- **Brown, J.M and I. Cooper.** 2006. Evolution of wing pigmentation patterns in a tephritid gallmaker: divergence and hybridization. Pp. 253-261 in *Galling Arthropods and Their Associates – Ecology and Evolution*, K. Ozaki, J. Yukawa, T. Ohgushi, and P.W. Price, eds. Springer-Verlag, Tokyo.
- **Cooper, I.A.,** Roeder, L., and J.M. Brown. 2003. Arthropod response to burning and mowing in a reconstructed prairie. *Ecological Restoration* 21(3):204-205. (invited)

MANUSCRIPTS IN PREPARATION

- **Cooper, I.A.** Ecology of sexual dimorphism and clinal variation in coloration in a damselfly.
- **Cooper, I.A.** Multiple dimensions and functions of color in a female-limited dimorphism.
- **Cooper, I.A., R. Gilman, J.W. Boughman,** Sex and species variation in Three-spined Sticklebacks.

CONFERENCE PRESENTATIONS

- 2009 ▪ **Cooper, I.A., R. Gilman, J.W. Boughman.** Sex and species variation in Three-spined Sticklebacks. Evolution of Sex and Recombination Meeting, Iowa City, IA.
- **Cooper, I.A.,** Ecology of sexual dimorphism and clinal variation in color. European Society of Evolutionary Biology, Turin, Italy. (poster)
- 2008 ▪ **Cooper, I.A.,** Convergent evolution, not intersexual mimicry, in a case of “intersexual mimicry”. Evolution Conference, Minneapolis, MN.
- 2007 ▪ **Cooper, I.A.,** Ecological causation of sexual dimorphism in Hawaiian damselflies. Midwest Evolution and Ecology Conference, Kent, OH.
- **Cooper, I.A.** same title. Evolution Conference, Christchurch, New Zealand.
- **Cooper, I.A.** same title. European Society for Evolutionary Biology Congress, Uppsala, Sweden. (poster)
- 2006 ▪ **Cooper, I.A.,** Tango, L., and D. Foote. Gradient sensitivity of female color morphs to temperature in the damselfly *Megalagrion calliphya* (Odonata: Coenagrionidae). Entomological Society of America Meeting, Indianapolis, IN.
- **Cooper, I.A.,** Tango, L., and D. Foote. Gradient sensitivity of a female-limited dimorphism in a Hawaiian damselfly. Hawaii Conservation Conference, Honolulu, HI.
- **Cooper, I.A.,** Tango, L., and D. Foote. Gradient sensitivity of a female-limited dimorphism to solar radiation in Hawaii. Animal Behavior Conference,

- Bloomington, IN. (poster)
- 2005 ▪ **Cooper, I.A.**, and D. Foote. Response of *Megalagrion calliphya* to simulated drought: mating behavior and larval development. Symposium on the Biology of Hawaiian Streams and Estuaries. (invited presentation)
- **Cooper, I.A.**, Tango, L., and D. Foote. Gradient sensitivity of *Megalagrion calliphya* to temperature in Kau, Hawaii. Pacific Entomology Conference. (poster)
- **Shurrmann, G., I.A. Cooper**, and D. Foote. Response of *Megalagrion koelense* and *M. calliphya* to drought in Hawaii. Pacific Entomology Conference. (poster)
- **I.A. Cooper**. Damselfly response to simulated drought and implications for sexual selection. Center for the Integrated Study of Animal Behavior Conference, Bloomington, IN.
- 2004 ▪ **I.A. Cooper**. Damselfly response to simulate drought: population, territory, and naiad size. Midwest Evolution and Ecology Conference, Akron, OH.
- 2003 ▪ **I.A. Cooper**, Roeder, L., and J.M. Brown. Arthropod response to burning and mowing in a reconstructed prairie. Midwest Evolution and Ecology Conference, Akron, OH. (poster)
- **I.A. Cooper**, and D. Foote. Damselfly response to simulated drought. Pacific Entomology Conference, Honolulu, HI
- 2002 ▪ **I.A. Cooper**. Evolution and maintenance of female color dimorphism in damselflies – proposed research. Indiana University EEB Brown Bag Seminar.
- **I.A. Cooper**, Roeder, L., J.M. Brown. Arthropod response to burning and mowing in a reconstructed prairie. ESA/SER Meeting, Tucson, Arizona. (poster)
- 2001 ▪ **I.A. Cooper**, Roeder, L., J.M. Brown. Arthropod response to burning and mowing in a reconstructed prairie. Grinnell College. February 2001. (poster and talk)

EDUCATION

Fall 2008 – present University of Wisconsin – Madison, Boughman lab
Postdoctoral Researcher

Fall 2002 – 2008 Indiana University, Curt Lively Lab
Ph.D., August 2008 - Evolution, Ecology, and Behavior

- Major: Evolution
- Minor: Biostatistics

May 2001 Grinnell College, Grinnell, Iowa
B.A. Biology and Art

- Honors in Biology and Art

FELLOWSHIPS, GRANTS, & AWARDS

- 2008 ▪ W. D. Hamilton Award for best dissertation paper, Evolution Conference
- 2007 ▪ NSF IGERT (Integrative Graduate Education and Research Traineeship)
 - Student talk award, Midwest Evolution and Ecology Conference
 - Society for the Study of Evolution Student Travel Award
- 2006 ▪ NIH CTRD (Common Themes in Reproductive Diversity) Traineeship
- 2005 ▪ EEB summer fellowship
 - Brackenridge Fellowship, Indiana University, Summer 2004, 2005
- 2004 ▪ Center for the Integrated Study of Animal Behavior Fellowship, Indiana University, Sp. Semester stipend
 - Sigma Xi Grant-in-Aid of Research - \$526
- 2003 ▪ Indiana University Graduate Fellowship, Sp. Semester stipend
 - Student talk award, Midwest Evolution and Ecology Conference

INVITED SEMINARS AND LECTURES

- 2009 ▪ University of Wisconsin-Madison (Biology Department), Madison, Wisconsin
 - Grinnell College (Biology Department), Grinnell, Iowa
- 2008 ▪ Northern Arizona University (Biology Department), Flagstaff, Arizona
 - Wabash College (Biology Department), Crawfordsville, Indiana
- 2007 ▪ Grinnell College (Biology Class), Grinnell, Iowa

NEWS ITEMS

- 2008 ▪ Science News article: Don't Blame it on the Guys, by Susan Milius
- 2007 ▪ Hawaii Conservation News article

ACADEMIC SERVICE & OUTREACH

- 2008/9 ▪ Reviewer for the following journals: Evolution, Journal of Heredity, Entomological Science
- 2006 ▪ Mentor, Bloomington South High School, Science Olympiad Team, Entomology
- 2005 ▪ Mentor, University of Hawaii at Hilo Student – Pacific Internship Program for Exploring Science. Summer research internship aimed toward minority Hawaiian students
- 2004 ▪ Mentor, Oberlin College Student. Independent Jan-term research project.
 - Host, Departmental Seminar at IUB

TEACHING AND WORKING EXPERIENCE

- 2006/2 ▪ AI, Introduction to Biology Laboratory, IUB
- 2005 ▪ USGS, Biological Research Division, Field Technician, Hawaii
- 2004 ▪ Assistant Instructor (AI), Society and Evolution class, Indiana University-Bloomington (IUB)
- 2003 ▪ AI, Honors Biology class, IUB
- 2002 ▪ USGS, Biological Research Division, Field Technician, Hawaii
- 2001 ▪ University of Arizona – Tucson, Field Technician
- 2000 ▪ Mentor, Evolution class, Grinnell College

PROFESSIONAL MEMBERSHIPS

Society for the Study of Evolution

Animal Behavior Society

American Society of Naturalists