

## IDELLE A. COOPER

### PUBLICATIONS

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- 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)

### PRESENTATIONS

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- 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)
- Shurmann, G., **I.A. Cooper**, and D. Foote. Response of *Megalagrion koelense* and *M. calliphya* to drought in Hawaii. Pacific Entomology Conference. (poster)
- 2004 ▪ **I.A. Cooper**. Damselfly response to simulated drought and implications for sexual selection. Center for the Integrated Study of Animal Behavior Conference, Bloomington, IN.
- 2003 ▪ **I.A. Cooper**. Damselfly response to simulate drought: population, territory, and naiad size. Midwest Evolution and Ecology Conference, Akron, OH.

- **I.A. Cooper**, Roeder, L., 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

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Fall 2002 – present      Indiana University, Curt Lively Lab  
*Ph.D. candidate - 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

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- 2007 ▪ NSF 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 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 LECTURES

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

#### ACADEMIC SERVICE & OUTREACH

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- 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

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- 2006/02 ▪ 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