
Department of Entomology ♦ 319 Agri. Bldg. ♦ University of Arkansas ♦ Fayetteville, AR 72701
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EDUCATION

Ph.D. Entomology, in progress

University of Arkansas, Fayetteville, Ark., Doctoral Academy Fellow

Major Adviser: Dr. Ashley Dowling

Dissertation: Systematics and biogeography of Erythraeidae (Acari: Parasitengona)

M.S. Entomology, 2009

University of Kentucky, Lexington, Ky.

Major Adviser: Dr. Mike Sharkey

Thesis: Systematics of ichneutine parasitic wasps (Hymenoptera: Braconidae)

Postbac. Zoology, 2004-2006

Auburn University, Auburn, Ala.

B.S. Zoology, 2004

Auburn University, Auburn, Ala.

RESEARCH INTERESTS

- Systematics of Parasitengona (velvet and water mites), especially Erythraeidae
- Biogeography and diversity of the U.S. Interior Highlands and southern Appalachians
- Modern methods of taxonomic research such as web-based taxonomy, digital illustration, and imaging

RESEARCH PROPOSALS

Lewis and Clark Fund for Exploration and Field Research

The

PUBLICATIONS

Skvarla M.J., **Fisher J.R.**, Dowling A.P.G. 2011. A new species of Neoscirula (Acari: Cunaxidae: Coleoscirinae) from the Ozark Highlands (USA), with notes on biogeography and modern taxonomy. *Acarologia* (in press)

Johansen K.J., Sharkey M.J., **Fisher J.R.** 2010. Molecular evidence from a parasitoid wasp, *Schlettererius cinctipes* (Hymenoptera: Stephanidae), for a North American West-to-East transcontinental conduit for wood-boring insects. *Annals of the Entomological Society of America*, 103: 548-554

Fisher J.R., Dowling A.P.G. 2010. Modern methods and technology for doing classical taxonomy. *Acarologia*, 50: 395-409

PRESENTATIONS

- Fisher J.R.**, Dowling A.P.G. 2011. *Trachymolgus* Berlese (Acari: Bdellidae), the unusual purple tank, with notes on biogeography and taxonomic attractiveness. Southeastern Branch of the Entomological Society of America Annual Meeting, San Juan, P.R.
- Fisher J.R.**, Dowling A.P.G. 2010. Velvet mites of the Ozarks and Cybertaxonomy. Entomological Society of America Annual Meeting, San Diego, Calif.
- Fisher, J.R.** [Invited talk] 2009. Dobzhansky's hammer: adding context to the 'phone book.' Entomological Society of America Annual Meeting, Indianapolis, Ind.
- Fisher J.R.**, Dowling A.P.G. 2009. Digital illustration: novel techniques for species descriptions. Entomological Society of America Annual Meeting, Indianapolis, Ind.
- Fisher, J.R.** 2008. A Generic Revision of Ichneutine Wasps (Hymenoptera: Braconidae). Entomological Society of America, Annual Meeting, Reno, Nev.
- Fisher, J.R.** 2008. A Fossil Braconid from the Green River Formation (Eocene). North Central Branch of the Entomological Society of America, Annual Meeting, Columbus, Ohio
- Fisher, J.R.** 2007. Systematics of Sawfly Slaying Wasps (Ichneutinae). Entomological Society of America, Annual Meeting, San Diego, Calif.
- Fisher, J.R.** 2007. Systematics of Sawfly Slaying Wasps (Ichneutinae). Ohio Valley Entomology Association, Annual Meeting, Columbus, Ohio
- Fisher, J.R.** 2007. Ichneutinae Systematics. University of Kentucky, Department of Entomology
- Fisher, J.R.** 2006. Nocturnal Ichneumonids (Ophioninae): Introduction & Molecular Questions. Society of Kentucky Lepidopterists, Annual Meeting, University of Kentucky

OTHER RESEARCH EXPERIENCE

University of Kentucky, Department of Entomology, 2006-2007

Managed malaise traps, identified insects, trained undergraduate assistants, and collaborated with Kentucky State Nature Preserves Commission

Auburn University, Department of Biological Sciences, 2004-2006

Identified freshwater macroinvertebrates

Auburn University, Department of Geology and Geography, 2003

Assisted in marine field research experiments and natural history observations

TEACHING EXPERIENCE

University of Arkansas , Dept. of Entomology, 2009-2011

ENTO 3013 (Insect Biology): assisting in organizing, teaching (including lectures), and grading the laboratory

University of Kentucky, Dept. of Entomology, 2008

ENT 564 (Insect Taxonomy): assisting in organizing, teaching (including a guest lecture), and grading the laboratory

Auburn University, Dept. of Biological Sciences, 2002-2005

BIOL 4010 (Invertebrate Zoology): assisting in organizing, teaching (including lectures), and grading the laboratory

SPECIALIZED COURSES AND CONTINUING EDUCATION

Soil Acarology. The Ohio St. University, Columbus, Ohio, 2008

Three-week survey of soil-associated mites; identification, biology, and ecology

HYM Course. SWRS, Portal, Ariz., 2006

Eight-day survey of Hymenoptera; identification, evolution, and collection

Field Biol & Ecol of the South Appalachians. Auburn University, Ala., 2002

30-day field course in the S. Appalachians; habitat identification, conservation, and diversity

HONORS AND AWARDS

Doctoral Academy Fellowship, Univ. of Arkansas, 2009-2013

Johnston Fund, OSU Soil Acarology Course, 2008

Hoogstraal Fund, OSU Soil Acarology Course, 2008

Runner-up Linnaean Games NCB ESA, 2008

OVEA Honorable Mention for Student Paper Competition, 2007

Kentucky Wesleyan College Presidential Scholarship - Owensboro, Ky., 1999-2000

Kentucky Wesleyan College Educational Excellence Scholarship—Owensboro, Ky., 1999

OUTREACH

Bugguide Contributing Editor, 2011-present

Identify arthropods from photographs, update taxonomy, and provide biological information

4-H Insect Collection Assistant, Fayetteville, Ark., 2009-2010

Teaching 4H members insect collecting and curating techniques for their required collection

11th Insect Festival Volunteer, Fayetteville, Ark., Dept. of Entomology, Univ. of Arkansas, 2010

Manned a pinned insect collection for approximately 3500 children and their chaperones

Presenter at Daniel Boone National Forest, Ky., 2007

Public presentation given at Koomer Ridge Campground on basic arthropod natural history

AFFILIATIONS

Entomological Society of America, 2006-present

Acarological Society of America, 2009-present

American Arachnological Society, 2004-present

Society of Systematic Biologists, 2010-present

Arkansas Entomological Society, 2009-present

Isely-Baerg Entomology Club, University of Arkansas, 2009-present

Secretary, 2009

University of Arkansas Linnaean team, 2011

Harrison Garman Entomology Club, University of Kentucky, 2006-2009

Student Liaison, 2007-2008

Social Committee, 2006-2007

University of Kentucky Linnaean Team, 2008