
Michele B. Price, M.S.

University of Wisconsin - Madison, Department of Entomology

445 Russell labs, 1630 Linden Dr.

Madison, WI 53706

Phone: (608) 262-2078

Email: mbprice@entomology.wisc.edu

Website: <http://www.entomology.wisc.edu/~mbprice/wibeetles/price/About20%me.htm>



EDUCATION

Ph.D. (Entomology Major & Distributed Minor) – University of Wisconsin, Madison. Expected 2008. Dissertation Title: *Revision and Phylogenetic Analysis of Conotelus Erichson (Coleoptera: Nitidulidae)*.

M.S. (Entomology) – University of Wisconsin, Madison. 2003. Thesis Title: *A Comprehensive Survey of the Sap and Short-Winged Flower Beetles of Wisconsin (Coleoptera: Nitidulidae, Kateretidae)*. 407 pp., 198 figs.

B.S. (Entomology) – University of Wisconsin, Madison. 1999.

RELEVANT COURSES (all at UW-Madison):

2007 – Phylogenetic Analysis of Molecular Data (audit)
2007 – Seminar in Sub-organismal Entomology: New technologies for Entomologists
2006 – Plant Systematics
2005 – Informal Science Education for Scientists
2005 – Seminar in Applied Entomology: Career Opportunities in Entomology
2005 – Diversity in the Classroom
2005 – General Genetics
2004 – Statistical Methods for Bioscience
2002 – Scientific Illustration: Black & White, (*see illustration above*)
2001 – Seminar in Methods of Scientific Oral Presentations
2000 – Advanced Taxonomy of Diptera
2001 – Advanced Taxonomy of Spiders
2001 – Biological Control of Insects
2000 – Seminar in Organismal Entomology: Emerging Environmental Problems
2000 – Seminar in Mycology
1999 – Insect Behavior
1999 – Introductory Mycology
1998 – Advanced Taxonomy of Coleoptera
1998 – Capstone Experience: Studies in Field Entomology
1998 – Taxonomy & Bionomics of Immature Insects
1998 – Medical Entomology
1997 – Invertebrate Zoology
1997 – Parasitology
1997 – Advanced Taxonomy of Heteroptera
1997 – Taxonomy of Mature Insects
1997 – Physiology of Insects
1996 – Introductory Entomology

AWARDS AND GRANTS

Kinney Merit Award, Department of Entomology, UW-Madison, 2008 (\$600)

Ph.D Student Poster Competition Winner, 2nd place at the North Central Branch, Entomological Society of America Annual Meeting, 2008 (\$100)

The Ernst Mayr Travel Grant in Animal Systematics from the Museum of Comparative Zoology, Harvard University, 2005 (\$1300)

College of Letters and Science Teaching Fellow, UW-Madison, nominated Fall 2002 and awarded Spring 2003 (\$1000)

Lois Almon Small Grants, UW-Madison, “ A Comprehensive Survey of the Sap and Short-Winged Flower Beetles of Wisconsin (Coleoptera: Nitidulidae, Kateretidae)”, 2001-2002 (\$1000)

Natural History Museums Council Small Grant, UW-Madison, “ A Comprehensive Survey of the Sap and Short-Winged Flower Beetles of Wisconsin (Coleoptera: Nitidulidae, Kateretidae)”, 2000-2001 (\$1000)

Center for Systematic Entomology, Gainesville, FL: small travel grant to discuss project and look at Nitidulidae/Kateretidae at the Florida State Collection of Arthropods, Summer 2000 (\$250)

PUBLICATIONS

Journal Articles (refereed):

Williams, R. N., Acosta, N. M., and **M. B. Price**. Inventory of Nitidulidae Found in Flowers of *Calycanthus floridus* Linnaeus in Northeastern Ohio. Entomological News (accepted December 2007).

Price, M. B. and D. K. Young. An Annotated Checklist of Wisconsin Handsome Fungus Beetles (Coleoptera: Endomychidae). Great Lakes Entomologist (accepted February 2008).

Price, M. B. and D. K. Young. 2006. An Annotated Checklist of Wisconsin Sap and Short-Winged Flower Beetles (Coleoptera: Nitidulidae, Kateretidae). Insecta Mundi 20: 69-84

Book Chapter:

Price, M. B. 2002. Family 78: Smicripidae (Palmetto Beetles), pp. 316-318. In R. H. Arnett, Jr., M. C. Thomas, P. E. Skelley, and J. H. Frank (eds.), American Beetles, Vol. 2. CRC Press, Boca Raton FL.

Electronic:

Price, M. B., T. Cira, and D. K. Young. 2007. Endomychidae of Wisconsin. <http://www.entomology.wisc.edu/~mbprice/wibeetles/price/Endo%20Intro.htm>

Price, M. B., T. Cira, and D. K. Young. 2007. Kateretidae and Nitidulidae of Wisconsin. <http://www.entomology.wisc.edu/~mbprice/wibeetles/price/K&N%20Intro.htm>

SCIENTIFIC POSTERS & PRESENTATIONS

Price, M. B., T. Circa, D. K. Young. 2008. The Handsome Fungus Beetles (Coleoptera: Endomychidae) of Wisconsin. Poster presented in Ph.D student competition of the Annals of Entomological Society of American, North Central Branch, Columbus, Ohio. (*Placed 2nd in competition, \$100*)

Acosta, N. M., R. N. Williams, D. S. Fickle and **M. B. Price**. 2007. Nitidulidae Found in Flowers of *Calycanthus floridus* in Northeastern Ohio. Poster presented in the Behavior and Ecology section of the Annals of the Entomological Society of America, San Diego, California.

Price, M. B. and D. K. Young. 2002. A Comprehensive Survey of the Sap and Short-Winged Flower Beetles of Wisconsin (Coleoptera: Nitidulidae, Kateretidae). Poster presented in Section A (Systematics, Morphology, and Evolution) of the Annals of the Entomological Society of America, Ft. Lauderdale , Florida.

Price, M. B. 2002. A Comprehensive Survey of the Sap and Short-Winged Flower Beetles of Wisconsin (Coleoptera: Nitidulidae, Kateretidae). Invited speaker in the symposium, "Systematics and Biodiversity Research in the Northcentral Region", held during the North Central Branch meeting of the Annals of the Entomological Society of America, Lansing, Michigan.

INFORMAL PRESENTATIONS

Price, M. B. 2005. Images of Scientists and Persistence of Undergraduates. Speaker in "The Diversity in the College Classroom Forum", held by the Delta Program in Research, Teaching, and Learning at UW-Madison.

RELEVANT EXPERIENCE

Museum Visits:

- Field Museum of Natural History, Chicago, IL, USA (2000, 2003, 2005)
- Florida State Collection of Arthropods, Gainesville, FL, USA (2000)
- Michigan State University, East Lansing, MI, USA (2002)
- Milwaukee Public Museum, Milwaukee, WI, USA (2000)
- Museo de Insectos Facultad de Agrenomia Universidad de Costa Rica San José, Costa Rica (1999)

- National d'histoire Naturelle, Paris, France (2007)
- Natural History Museum, London, United Kingdom (2005)
- University of Georgia, Athens, GA, USA (1999)
- Zoologisches Museum für Naturkunde der Humboldt-Universität, Berlin, Germany (2005)

Beetle Identification Specialist:

- California Beetle Project, Santa Barbara Museum of Natural History, Dr. Michael Caterino
- Carthage College, Dr. Walter Suter
- Cornell University's New York State Agricultural Experiment Station, Rebecca Loughner (Ph.D Student)
- Florida State Collection of Arthropods, Dr. Dale Habeck
- Ohio State University, Dr. Roger Williams
- Universidade Federal de Pelotas, UFPEL, Brasil, Wilson José Morandi Filho (Ph.D Student)
- University of Minnesota-St. Paul, Angie Bressler
- USDA-ARS, National Center for Agricultural Utilization Research, Dr. Robert J. Bartelt
- Wisconsin Department of Natural Resources
- Wisconsin Insect Research Collection

Teaching Experience:

<p>Fall 2003 - Present (Fall Semesters)</p>	<p><u>430 Comparative Anatomy Teaching Assistant, UW-Madison, Department of Zoology.</u> Each fall semester, I team-teach with a graduate TA and three undergraduate TAs two lab sections that meet twice a week, each lab section is three hours with about 32 students. During each semester, I hold brief lectures in the beginning of class and then mainly focus on assisting students with their cat (<i>Felis</i>) and shark (<i>Squalus</i>) dissections. This course has the reputation of being difficult and time consuming, so many students attend lab after hours and I hold two-hour office hours each week to assist these dedicated students. During the semester, I write, administer, and grade written and oral exams. Also, I assist in setting up several lab units and assist in the training of the undergraduate TAs and any new graduate TAs. TA Evaluation form from Fall 2007, “Considering everything, class size, course objectives, etc., the TA was an effective teacher”, I received a 4.72 (5 being the highest score).</p>
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<p>Spring 2007- Present</p> <p>(Spring Semesters)</p>	<p><u>101 Animal Biology Lecture, Teaching Assistant, UW-Madison, Department of Zoology.</u> Each spring semester, I lead six discussions a week reviewing introductory biology material from lecture by providing study guides that can ignite discussion of various topics. My discussion sections are well attended, even though they are optional, and I have about 100+ students who attend per semester. I hold two-hour office hours each week and attend three 50-minute lectures per week. Also, I assist with reviewing and writing lecture exams. In addition, I advise ~10 students who are taking the course for honors credit and assist them with their honors thesis. TA Evaluation form from Spring 2007, "Considering everything, class size, course objectives, etc., the TA was an effective teacher", I received a 4.65 (5 being the highest score).</p>
<p>Fall 2000- Present</p>	<p><u>302 Entomology Lecture and Lab, Substitute Lecturer, UW-Madison, Department of Entomology.</u> I have lectured and assisted with field trips for Dr. Daniel K. Young's introductory entomology course.</p>
<p>Spring 2001 - 2006</p>	<p><u>101 Animal Biology Lecture, Teaching Assistant, UW-Madison, Department of Zoology.</u> Each semester, I would lead three optional discussions a week reviewing introductory biology material from lecture. I provided study guides that had questions the students work on in small groups, while they are working I would walk around and assist the small groups and understand where they might be stuck. We then would come back together as a larger group and discuss the questions. Typically, my discussion groups were well attended and I had about 70+ students who attend per semester. I held office hours each week and attend three 50-minute lectures per week.</p>
<p>Fall 2000 - Spring 2006</p>	<p><u>102 Animal Biology Lab, Teaching Assistant, UW-Madison, Department of Zoology.</u> Each semester, I team-taught with a colleague, two to four labs per week, each lab section was three hours with about 28 students. Each semester, I tried new methods to get the students actively engaged in and understanding the material. In addition, I assisted the students with dissections, experiments, & presentations. Also during the semester, I wrote and graded weekly quizzes and graded several papers and presentations.</p>
<p>Summer 2005</p>	<p><u>UW-Madison Foundation: PEOPLE (Pre-College Enrichment Opportunity Program for Learning Excellence) Program,</u> an extremely valuable program, which encourages post-secondary education for Wisconsin ethnic minority & low-income students. I team-taught with another graduate student and high school teacher about 17 students about animal behavior and the scientific method with many "hands on experiences", including seeing and holding all kinds of creatures, especially insects. This summer course was three weeks, five days a week, and two hours each day. The students' final project was a presentation of a scientific poster based on their own research project.</p>
<p>Summer 2004</p>	<p><u>Montana Outdoor Science School (MOSS).</u> Taught general entomology to instructors. Team taught "hands on" focused courses related to insects and other animals (Get the Bug, Bug Buddies, Hop n Slither, Scales and Fins), habitats (Home Sweet Habitat), and behavior (Animal Architects) outdoors to children from pre-school to 5th grade. Wrote several lesson plans (Get the Bug, Home Sweet Habitat).</p>

Summer 2003	College of Letters & Science Teaching Fellow , UW-Madison, Department of Zoology. Lead a workshop on how to teach a science lab to new teaching assistants.
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Laboratory & Field Experience:

Summer 2006	United States Geological Survey National Wildlife Health Center (USGS) Volunteer. I assisted with surveying herbivore density in northwestern Nevada BLM land inhabited by Sage Grouse (<i>Centrocercus urophasianus</i>). I documented vegetation and wildlife, and counted herbivore feces along transects located with a GPS unit.
2000-2007 (Summers)	Project Caretaker, UW-Madison, Andrew Williams (Department of Entomology). I observed, tended, and took notes on parasitoids reared from insects collected from Wisconsin prairies.
Summer 2000	Small Hive Beetle Surveyor (Nitidulidae: <i>Aethina tumida</i>) with the Wisconsin Department of Agriculture, Trade, & Consumer Protection. I contacted beekeepers and cranberry farmers, developed a trapping method, and set up traps at various sites for the small hive beetle.
1998-2000	Student Hourly: Data Entry (BIOTA©), UW-Madison, Department of Entomology. I entered Wisconsin beetle data using the BIOTA© program.
1997 (Summer-Fall)	Student Hourly: Mosquito Research, UW-Madison, Animal Health & Biomedical Sciences. I maintained the mosquito colony, lab animals, & assisted Postdoctoral student with research, including Northern blots.
1995-1997	Student Hourly: Prairie Project, UW-Madison, Department of Entomology, Wisconsin Insect Research Collection. I sorted invertebrate specimens collected from various prairies around the United States.
1992-1997	Veterinary Technician, Grove Animal Hospital. I greeted clients, held animals, examined fecal, urine, & blood samples, drew vaccines & blood samples, typed medications, took & developed X-rays, and assisted with surgical procedures.

CURRENT RESEARCH PROJECTS

2004-Present	Revision and Phylogenetic Analysis of <i>Conotelus</i> Erichson (Coleoptera: Nitidulidae) (Ph.D. project): A major goal of this project is to provide a tool for adult <i>Conotelus</i> species identification. I have been examining material from various museums, including type specimens, to re-describe each species, describe new species, and construct a species key. Another goal of this study is to complete a species-level cladistic analysis of <i>Conotelus</i> , based on morphological features of adults.
2005-Present	Nitidulidae Larval Descriptions (side project): collect and rear undescribed nitidulid larvae, preserve several instars and pupae, illustrate/photograph and describe mature instars for publication (several nitidulid species are being prepared for publication).

1998-Present

The Pleasing Fungus Beetles of Wisconsin (Coleoptera: Erotylidae)
(side project): collect specimens, enter data into BIOTA, identify beetle species and associated fungi, and record distribution.

OUTREACH AND SERVICE

- **UW-Madison Arboretum, Earth Focus Day Camp, Summer 2007:**
 - Creatures of the Night Session: Guest Speaker on Fire-flies.
 - Family Celebration and Night Hike: Display table.
- **Exploration Station at Science Expeditions, UW-Madison:**
 - "The Bugs Go Marching On", 2006.
 - "Insect Ambassadors", 2008.
- **Insect Ambassadors, UW-Madison, Department of Entomology, 2004; 2007-present**
maintainer of walking stick colony.
- **Wisconsin Alumni Association's University on the Road Program: Milwaukee Public Museum, 2004.**
- **Mentor for Entomology Undergraduate, Theresa Cira, (2006-2007).**
- **UW-Madison Entomological Graduate Student Association (EGSA):**
 - Financial Chair: 2003-2004, 2004-2005, 2005-2006
 - Financial Committee member: 2006, 2007
- **Zoology Department TAA Steward, 2004**

MEMBERSHIPS

- Entomological Society of America (ESA)
- Michigan Entomological Society
- Sigma Delta Epsilon – Graduate Women in Science (SDE/GWIS)
- Teaching Assistant Association (TAA)