

NATHAN P. LORD

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EDUCATION

- B.S.E.S.** 2006. University of Georgia, Athens, Ga. Entomology.
GPA (Cum./Maj.) 3.49/4.0
- M.S.** *In Progress.* University of Georgia, Athens, Ga. Entomology. Revision of the genus
Deretaphrus Newman (1842) of the World (Coleoptera: Bothrideridae).
Major Advisor: Dr. Joseph McHugh
GPA (Grad. Cum./Maj.) 3.54/4.0
- Ph.D.** Recently accepted into the Ph.D. program in the Department of Biology at The University of New
Mexico in Albuquerque, New Mexico. Offered a stipend for full support for five years.
Major Advisor: Dr. Kelly Miller

TEST SCORES

GRE: Verbal: 580 Quantitative: 710 Analytical: 6.0

RESEARCH EXPERIENCE

Research Experience for Undergraduates - National Science Foundation PEET REU in Insect Systematics under Dr. Joseph McHugh at the University of Georgia, Athens, Ga. 2004-2006.

Research Experience for Undergraduates - National Science Foundation REU in Insect Genomics under Dr. Michael Whiting at Brigham Young University, Provo, Ut. (3 months). 2005.

Undergraduate Intern – Invertebrates collection, the Georgia Museum of Natural History, Athens, Ga. 2005-2006.

TEACHING EXPERIENCE

Graduate Teaching Assistant: Entomology Department, University of Georgia, Athens, Ga. *Responsibilities:* instruct the laboratory course for General Entomology (ENTO 4000/6000), create and administer lectures, laboratory exams, and grade collections. 2008 (Spring)

Graduate Teaching Assistant: Entomology Department, University of Georgia, Athens, Ga. *Responsibilities:* instructed the laboratory course for Insect Taxonomy (ENTO 4010/6010), created and administered laboratory exams, aided in grading insect collections. 2007 (Fall)

Graduate Teaching Assistant: Entomology Department, University of Georgia, Athens, Ga. *Responsibilities:* Co-Instructor for Insect Natural History (ENTO 3140) in Costa Rica: applied for permits (research and collection), developed curriculum, aided in the development and execution of student-designed field studies, taught insect taxonomy portion of class. 2007 (Summer)

Graduate Laboratory Assistant: Biology Department, University of Georgia, Athens, Ga. *Responsibilities:* instructed the laboratory course for Honors Organismal Biology (BIOL 2108L) for science majors; constructed and administered midterm and final exams; graded work and evaluated students. Two sessions. 2007 (Spring)

Graduate Laboratory Assistant: Biology Department, University of Georgia, Athens, Ga. *Responsibilities:* instructed the laboratory course for Organismal Biology (BIOL 1108L) for science majors; constructed and administered midterm and final exams; graded work and evaluated students. Two sessions. 2006 (Fall)

EXTENSION EXPERIENCE

Insectival, Georgia State Botanical Gardens, 2006
Caretaker of the Insect Zoo for extension use at the University of Georgia, 2005-2006
Various Middle School/Elementary School outreaches in Georgia, 2005-2006

FIELD EXPERIENCE/RESEARCH TRIPS

Costa Rica: La Selva Biological Station, Ecolodge San Luis	Duration: 21 days, 2007
Panama: STRI, Barro Colorado Island	Duration: 17 days, 2006
Bolivia: Potrerillos del Guenda Nature Reserve	Duration: 21 days, 2005

MUSEUM VISITS

Museum of Southwestern Biology, Albuquerque, NM.	Duration: 3 days, 2007
INBio, San Jose, Costa Rica	Duration: 1 day, 2007
Florida State Collection of Arthropods (FSCA), Gainesville, FL.	Duration: 2 days, 2007
Smithsonian Tropical Research Institute, Gamboa, Panama	Duration: 2 days, 2006
Insect Collection, Santa Cruz, Bolivia	Duration: 1 day, 2005

RESEARCH SUPPORT/GRANTS FUNDED

Grants:

2007	H.H. Ross Memorial Foundation	UGA Dept. of Entomology	(\$750)
2005	H.H. Ross Memorial Foundation	UGA Dept. of Entomology	(\$1500)
2005	Joshua Laerm Academic Support Grant	GA Museum of Natural History	(\$650)

Scholarships:

2003-2006	Tuition Scholarship	GA HOPE Scholarship Program	(full tuition)
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PUBLICATIONS

Journal Articles:

Shockley, F.W., Michael D. Ulyshen, and **Nathan P. Lord**. New state records and additional notes on collection and biology of *Micropsephodes lundgreni* Leschen and Carlton (Coleoptera: Endomychidae). Accepted: March 5, 2008 by the Coleopterists Bulletin.

Published Abstracts and Proceedings:

Lord, N.P., K.B. Miller, J.V. McHugh, M.F. Whiting and C.S. Hartley. 2007. A molecular phylogeny of the Minute Brown Scavenger Beetles (Coleoptera: Latridiidae) with implications on family classification. Program for the PEET VI Biennial Conference, Athens, GA. March 26-29, 2007. 87 pp.

ONGOING RESEARCH/MANUSCRIPTS IN PREPARATION

Book Chapters:

Slipinski, A.S., **N.P. Lord** and J.F. Lawrence. XX.X. Bothrideridae Erichson, 1845. *In*: R.A.B. Leschen and R.G. Beutel, eds., Handbook of Zoology – Coleoptera, vol. II. De Gruyter, Berlin, New York.

Journal Articles:

Lord, N.P., C.S. Hartley, K.B. Miller, J.V. McHugh, M.F. Whiting. Phylogenetic Analysis of the Minute Brown Scavenger Beetles (Coleoptera: Latridiidae), and Recognition of a New Beetle Family, Akalyptoischionidae, fam. n. (Coleoptera: Cucujoidea). Submission Date: March, 2008 to Systematic Entomology

Lord, N.P., J.V. McHugh. A Revision of the genus *Deretaphrus* Newman (Coleoptera: Bothrideridae) of the World. Submission date: August, 2008.

Electronic Resources/Publications:

Scientific collaborator for the family Bothrideridae for the Tree of Life Web Project. Responsibilities include contributing biological, ecological, and taxonomic information.

Scientific collaborator for the Discover Life Web Project. Responsibilities include developing an electronic key to the species of *Deretaphrus* Newman (Coleoptera: Bothrideridae), as well as contributing biological, ecological, and taxonomic information for the family Bothrideridae (Coleoptera).

PRESENTATIONS

Invited:

Lord, N.P. Patronymy for Sale: A Schema for the Potential Benefit and Assistance to Taxonomic Research. Graduate Student Committee Student Symposium: NSF PEET VI Meeting, Athens, Ga. March 26-29, 2007.

Oral:

Lord, N.P. A taxonomic revision of the genus *Deretaphrus* Newman (Coleoptera: Bothrideridae). E. Broadus Browne Research Award Competition for the College of Agriculture and Environmental Sciences, University of Georgia, Athens, Ga. April 17, 2008.

Lord, N.P. Bothrideridae: Some of the coolest beetles you've never heard of, with a revision of the genus *Deretaphrus* Newman. Student Oral Presentation Competition at the Annual Meeting of the Georgia Entomological Society, Cordele, Ga. April 2-4, 2008.

Lord, N.P. Bothrideridae: Some of the coolest beetles you've never heard of, with a revision of the genus *Deretaphrus* Newman. Student Oral Presentation Competition at the H.O. Lund Entomology Conference, Department of Entomology, University of Georgia, Athens, Ga. March 24-31, 2008.

Lord, N.P. Bothrideridae: Some of the coolest beetles you've never heard of, with a revision of the genus *Deretaphrus* Newman. M.S. Student Paper Competition at the Southeastern Branch of the Entomological Society of America Annual Meeting, Jacksonville, Fl. March 2-5, 2008.

Lord, N.P. Molecular Phylogeny of Minute Scavenger Beetles (Coleoptera: Latridiidae): Specks at the bottom of the bag. NSF Research Presentation: Integrative Biology Dept., Brigham Young University, Provo, Ut. July 2005.

Poster:

Lord, N.P., Shields, J.P., and McHugh, J.V. 2008. Analytical microscopy methods reveal new morphological characters and physiological properties in beetle mandibles. Southeastern Microscopy Society (SEMS) at Pensacola Beach Florida. April 16-18, 2008.

Lord, N.P., Shields, J.P., and McHugh, J.V. 2008. Analytical microscopy methods reveal new morphological characters and physiological properties in beetle mandibles. Student Poster Competition at the Annual Meeting of the Georgia Entomological Society, Cordele, Ga. April 2-4, 2008.

Lord, N.P., Shields, J.P., and McHugh, J.V. 2008. Analytical microscopy methods reveal new morphological characters and physiological properties in beetle mandibles. Student Poster Competition at the H.O. Lund Entomology Conference, Department of Entomology, University of Georgia, Athens, Ga. March 24-31, 2008.

Lord, N.P. and McHugh, J.V. 2007. A preliminary morphological study of the genus *Deretaphrus* Newman (Coleoptera: Bothrideridae). Student Poster Competition at the Annual Meeting of the Entomological Society of America, San Diego, Ca. December 9-13, 2007.

Lord, N.P. and McHugh, J.V. 2007. A preliminary morphological study of *Deretaphrus piceus* Germar (Coleoptera: Bothriideridae). Student Poster Competition at the Annual Meeting of the Georgia Entomological Society, Athens, Ga. May 16-18, 2007.

Lord, N.P., Hartley, C., McHugh, J.V., Miller, K.B., Whiting, M.F. 2007. A molecular phylogeny of the Minute Brown Scavenger Beetles (Coleoptera: Latridiidae) with implications about the familial level classification. PEET VI Biennial Conference, Athens, Ga. March 26-30, 2007.

Lord, N.P., Hartley, C., McHugh, J.V., Miller, K.B., Whiting, M.F. 2007. A molecular phylogeny of the Minute Brown Scavenger Beetles (Coleoptera: Latridiidae) with implications about the familial level classification. Student Poster Competition at the H.O. Lund Entomology Conference, Department of Entomology, University of Georgia, Athens, Ga. March 26-April 2, 2007.

Lord, N.P., Hartley, C., McHugh, J.V., Miller, K.B., Whiting, M.F. 2005. Molecular Phylogeny of Minute Scavenger Beetles (Coleoptera: Latridiidae): Specks at the bottom of the bag. Student Poster Competition at the H.O. Lund Entomology Conference, Dept. of Entomology, University of Georgia, Athens, Ga. March 27-April 3, 2006.

Lord, N.P., Hartley, C., McHugh, J.V., Miller, K.B., Whiting, M.F. 2005. Molecular Phylogeny of Minute Scavenger Beetles (Coleoptera: Latridiidae): Specks at the bottom of the bag. Annual Meeting of the Entomological Society of America, Ft. Lauderdale, FL. December, 2005.

Photography Displays:

Numerous photography display/presentations at the following meetings:

Annual Meeting of the Entomological Society of America, 2007.

Southeastern Branch Meeting of the Entomological Society of America, 2008, 2007.

Annual Meeting of the Georgia Entomological Society, 2008, 2007.

H.O. Lund Entomology Conference, Department of Entomology, University of Georgia, Athens, Ga., 2008, 2007, 2006.

HONORS AND AWARDS

Recipient of the E. Broadus Browne Outstanding Research Award, M.S. Division, given by the College of Agriculture and Environmental Sciences at the University of Georgia, 2008.

Outstanding M.S. Student Award, Georgia Entomological Society Annual Meeting. 2008.

3rd place U.E. Brady Award in the Student Poster Competition at the Georgia Entomological Society Annual Meeting. 2008.

Runner-Up for the T.L. Bissell Award in the M.S. Student Paper Competition at the Georgia Entomological Society Annual Meeting. 2008.

H.O. Lund Outstanding Master's Student Award, H.O. Lund Entomology Conference, Department of Entomology, University of Georgia, Athens, Ga. March 24-31, 2008.

Second Place in the Student Poster Competition at the H.O. Lund Entomology Conference, Department of Entomology, University of Georgia, Athens, Ga. March 24-31, 2008.

Recipient of the Outstanding Teaching Assistant Award for the Department of Biology at the University of Georgia. 2008.

First Place in the M.S. Student Paper Competition, Southeastern Branch Meeting of the Entomological Society of America, Jacksonville, Fl. March 2-5, 2008.

Outstanding M.S. Student Award, Georgia Entomological Society Annual Meeting. 2007.

First Place, President's Prize in the poster presentation at the 53rd Annual Meeting of the Entomological Society of America. Ft. Lauderdale, Fl. 2005.

Selected for the Research Experience for Undergraduates Program in Systematics and Bioinformatics sponsored by the National Science Foundation and the Integrative Biology Department at Brigham Young University, REU grant DBI-013950 (to D.S. Rogers, D. McClellan and L. Johnson). 2005.

Selected for the National Science Foundation's Research Experience for Undergraduates Fellowship in Conjunction with a NSF PEET Grant #DEB-0329115 (to J.V. McHugh, K.B. Miller and M.F. Whiting). 2004-2005.

Photography

Second Place in the Photo Salon (Portrait category), Georgia Entomological Society Annual Meeting. Photo was selected to appear on the cover of the *Journal of Entomological Science*. 2008.

Second Place in the Photo Salon (Microscopic category), Georgia Entomological Society Annual Meeting. Photo was selected to appear on the cover of the *Journal of Entomological Science*. 2008.

Second Place in the Photo Salon competition (Photomicroscopy category), Southeastern Branch Meeting of the Entomological Society of America, Jacksonville, Fl. March 2-5, 2008.

Second Place in the Photo Salon competition (Traditional macro category), Southeastern Branch Meeting of the Entomological Society of America, Jacksonville, Fl. March 2-5, 2008.

Third Place in the Photo Salon competition (Artistic category), Southeastern Branch Meeting of the Entomological Society of America, Jacksonville, Fl. March 2-5, 2008.

Two entered photos were selected by the Peoria Camera Club to be shown in the 2007 National Insect Salon at the Annual Meeting of the Entomological Society of America Meeting in San Diego, Ca. from December 9-13, 2007.

First Place in the Photo Salon (Biology category), Georgia Entomological Society Annual Meeting. Photo was selected to appear on the cover of the *Journal of Entomological Science*. 2007.

Second Place in the Photo Salon (Portrait category), Georgia Entomological Society Annual Meeting. Photo was selected to appear on the cover of the *Journal of Entomological Science*. 2007.

First Place in the Photo Salon competition, H.O. Lund Entomology Conference, Dept. of Entomology, University of Georgia, Athens, Ga. 2007.

Second Place in the Photo Salon competition, H.O. Lund Entomology Conference, Dept. of Entomology, University of Georgia, Athens, Ga. 2006.

PROFESSIONAL WORKSHOPS/MEETINGS

Beetles of the World Workshop presented by Dr. John Lawrence (CSIRO, Australia), Dr. S.A. Slipinski (CSIRO, Australia), and Dr. Michael Ivie (Montana State University). Montana State University, Bozeman, Montana. May 26-June 6, 2007 (one of 13 Graduate students selected to attend).

PEET VI Conference: Reaching Out. University of Georgia, Athens, Ga. March 26-30, 2007.

Taxonomy and Classification of the Cucujoidea - Dr. S.A. Slipinski, CSIRO, Australia. University of Georgia, Athens, Ga. December 16-21, 2006.

Biodiversity Informatics Workshop - Dr. Norman F. Johnson and Luciana Musetti. University of Georgia, Athens, Ga. May 8-10, 2006.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Association for the Advancement of Science
American Entomological Society
Center for Systematic Entomology
Coleopterists Society
Entomological Society of America

Georgia Entomological Society
Sigma Xi
Society of Systematic Biologists
Willi Hennig Society

PROFESSIONAL AND SERVICE ACTIVITIES

University of Georgia-Athens:

Member of the PEET VI Graduate Student Committee, 2007.

Member of the University of Georgia Linnean Games Team, Alternate, 2007.

V.P. Curation, the H.O. Lund Entomology Club at the University of Georgia, 2005-2006.

Ambassador for the College of Agricultural and Environmental Sciences at the University of Georgia, 2005-2006.

Member of the H.O. Lund Entomology Club at the University of Georgia, 2003-present.