

Curriculum Vitae

Stephanie Alexandra Dole
(Formerly Stephanie Alexandra Stephens)

Education

Michigan State University: Ph.D. Candidate in the Department of Entomology. Dissertation research on the systematics of tropical Xyleborina (Coleoptera: Curculionidae: Scolytinae) and the diversity of Scolytinae in the Ecuadorian rain forest canopy, as part of the NSF PEET funded project "Monographic research of tropical bark beetles (Scolytinae: Xyleborina): Preservation and modernization of taxonomic expertise." Passed Ph.D. written and oral comprehensive exams, April 2007.

Texas A&M University: Ph.D. student in the Department of Entomology. September 2003 - May 2006. Transferred to Michigan State University along with professor and research laboratory.

University of California, Davis: Bachelor of Science in Entomology, June 2003.

Solano Community College: Associates Degree in Liberal Arts, June 2001.

Publications

Dole, S. A. and R. A. Beaver. 2008 (In Press). A Review of the Australian Species of *Xylosandrus* Reitter (Coleoptera: Curculionidae: Scolytinae). *The Coleopterists' Bulletin*.

Hulcr, J., R. A. Beaver, W. Puranasakul, S. A. Dole, S. Sonthichai. 2008 (In Press). A comparison of bark and ambrosia beetle communities in two forest types in Northern Thailand (Coleoptera: Curculionidae: Scolytinae and Platypodinae). *Environmental Entomology*.

Dole, S. A. and A. I. Cognato. 2007. A New Genus and Species of Bothrosternina (Coleoptera: Curculionidae: Scolytinae) from Ecuador. *The Coleopterists' Bulletin* 61(2): 318-325.

Hulcr, J., S. A. Dole, R. A. Beaver, and A. I. Cognato. 2007. A cladistic review of the xyleborine generic taxonomic characters (Coleoptera: Curculionidae: Scolytinae). *Systematic Entomology* 32(3): 568-584.

Rabaglia, R. J., S. A. Dole, and A. I. Cognato. 2006. A Review of the Xyleborina (Coleoptera: Curculionidae: Scolytinae) in America North of Mexico, with an Illustrated Key. *Annals of the Entomological Society of America* 99(6): 1034-1056.

Presentations

Dole, S. A. and A. I. Cognato. 2007. Phylogenetic revision of the genus *Xylosandrus* (Coleoptera: Curculionidae: Scolytinae) based on morphological and molecular data.

Entomological Society of America, 55th Annual Meeting, San Diego, California.

Stephens, S. A. and A. I. Cognato. 2005. A new genus of bark beetle (Curculionidae: Scolytinae: Borthrosternina) from Ecuador. Entomological Society of America, 53rd Annual Meeting, Ft. Lauderdale, Florida.

Stephens, S. A. 2004. Bark beetle (Coleoptera: Curculionidae: Scolytinae) diversity in the Ecuadorian rain forest canopy. Texas A&M University, Department of Entomology, Seventh Annual Graduate Student Forum.

Stephens, S. A., A. I. Cognato and T.L. Erwin. 2004. Bark beetle (Coleoptera: Curculionidae: Scolytinae) diversity in the Ecuadorian rain forest canopy. Entomological Society of America, 52nd Annual Meeting, Salt Lake City, Utah.

Posters

Dole, S. A., S. Sonthichai, C. Hutacharoen, and A. I. Cognato. 2006. Bark and ambrosia beetles of Thailand. Entomological Society of America, 54th Annual Meeting, Indianapolis, Indiana.

Stephens, S. A., A. I. Cognato and T.L. Erwin. 2004. Bark beetle (Coleoptera: Curculionidae: Scolytinae) diversity in the Ecuadorian rain forest canopy. National Science Foundation PEET, Fifth Biennial Conference, Urbana-Champaign, Illinois.

Awards

President's Prize Winner: 2007 Entomological Society of America Annual Meeting, Section A Student Competition

Outstanding Graduate Student Award for Ph.D.: 2006 Texas A&M University, Department of Entomology

President's Prize Winner: 2005 Entomological Society of America Annual Meeting, Section A Student Competition

President's Prize Runner-Up: 2004 Entomological Society of America Annual Meeting, Section A Student Competition

Ph.D. Fellowship: 2003 (Fall Semester) Department of Entomology, Texas A&M University.

Vansell Memorial Scholarship: 2002-2003 Academic year, Dept. of Entomology, UC Davis.

Harbison Award: 2002-2003 Academic year, Dept. of Entomology, UC Davis.

Teledyne Scholarship: 2002-2003 Academic year, Dept. of Entomology, UC Davis.

Web Presence

Web Keys (<http://xyleborini.tamu.edu/keys.php>): Keys to the Xyleborina of North America with original light microscope and SEM images.

Personal Website (www.beetlelady.com): with entomological articles on Small Hive Beetle (*Aethina tumida*), the scolytine genus *Xylosandrus*, American Burying Beetle (*Nicrophorus americanus*), the coleopteran family Histeridae and its significance to forensic entomology, and the phylogenetic relationships of the suborders of Coleoptera.

Related Employment

Public Outreach and Education: Bug House, Michigan State University, Department of Entomology. Lead educational tours of Bug House and assist in outreach events on campus and at local schools. September 2006 – March 2008.

Scientific Assistant: CA Department of Food and Agriculture Plant Pest Diagnostics Laboratory. Assisted CDFA entomologists with research and general collections work. January - July 2003.

Insect Collections Work: Bohart Museum of Entomology, UC Davis, Lab Assistant III. Curatorial work including the pinning, labeling, shipping, and sorting of insect specimens and leading educational tours of the museum. June 2001 - January 2003 (volunteered time at Museum beginning in 1999).

Public Outreach and Education: Coevolution Institute, a San Francisco based nonprofit organization. Worked with the Bugmobile program bringing live arthropods and educational presentations to community events. October 2000 - April 2001.

Mosquito Abatement: Seasonal employee with the Salt Lake City Mosquito Abatement District. Inspected sites, treated for mosquitoes, maintained traps, and sorted specimens. Licensed Pesticide Applicator (UT). Summer 1998.

Assistant Keeper: Utah's Hogle Zoo. Assistant keeper in butterfly exhibit and nighttime closing keeper throughout zoo. March 1997 - September 1998.

Teaching Experience

Spring Semester 2005: ENTO 489 Aquatic Bioassessment Laboratory. Lectured on aquatic insect taxonomy, organized labs, assisted on field trips, wrote and graded exams.

Spring and Fall Semesters 2005: ENTO 201 General Entomology Laboratory. Developed and presented lectures, conducted laboratory activities, wrote and graded exams for 3 sections of class.

Student evaluations available upon request.

Leadership Experience

Graduate Student Representative to Curriculum Committee: Michigan State University, Department of Entomology 2006-2007 academic year.

Texas A&M University Graduate Student Council: Department of Entomology Representative 2005-2006 academic year.

Texas A&M University Entomology Graduate Student Organization: Vice-President for 2005-2006 academic year and Secretary for 2004-2005 academic year.

Sixth Annual Ecological Integration Symposium: Co-chair, organizational committee, Texas A&M University, 2005.

Other

North American Workshop in Cladistic Analysis: Completed workshop sponsored by The Willi Hennig Society at The Ohio State University, 2007.

SEM: Trained in the use of Scanning Electron Microscopy for arthropod imaging. Images used in print and online versions of North American Xyleborina key and in Robert J. Rabaglia (2005) The Validity of *Xyleborus impressus* Eichhoff (Coleoptera: Curculionidae: Scolytinae) as Distinct from *Xyleborus ferrugineus* (Fabricius). Coleopterists Bulletin 59(2): 261-266.

Professional Memberships

Entomological Society of America, Coleopterists Society