

Elizabeth A. Bergey

Biologist (Oklahoma Biological Survey, University of Oklahoma, Norman)
Associate Professor (Department of Biology, University of Oklahoma)

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Education: B.S. (Zoology), B.S. (Botany); University of Oklahoma, 1974-1977
M.S.; Colorado State University, 1979-1981
Thesis: Longitudinal movements of benthic invertebrates in a Colorado stream.
Ph.D; University of California, Berkeley, 1988-1992
Dissertation: Biotic and abiotic influences on benthic algal populations in California Coast Range streams.

Research and Work Experience:

Biologist (Oklahoma Biological Survey); Associate Professor (Biology), University of Oklahoma. Ecology of stream algae; Distribution of rare aquatic organisms in Oklahoma; Ecology and distribution of spring-dwelling fauna; General aquatic ecology; Land snail biology. 2006 to present.

Assistant Heritage Zoologist (Oklahoma Biological Survey); Assistant Professor (Zoology). 2000 to 2006.

Fulbright Scholar (2007 to 2008); Special Faculty (Graduate Faculty, Chiang Mai University, Thailand). 2008 to present.

Adjunct Faculty (Department of Microbiology and Plant Biology, University of Oklahoma). 2006 to present.

Aquatic Ecologist. National Institute of Water and Atmospheric Research (New Zealand). Effects of pollutants and altered flow regimes on stream biota, especially algae; Algal ecology and taxonomy. 1996 to 2000.

Tribal Limnologist. Environmental Division, Sokaogon Chippewa Band (Mole Lake, WI). Survey of aquatic organisms and establishment of a biomonitoring program of a wild rice wetland prior to off-reservation mining; Wild rice ecology. 1995-1996.

Honorary Fellow. Department of Botany, University of Wisconsin-Madison. 1994-1996.

Lab Manager, Macroinvertebrate Identification Lab; Effects of disturbance on diatom communities. (Department of Fisheries and Wildlife, Utah State University, Logan). 1992-1994.

Dissertation research. Caddisfly-algal interactions: factors affecting algal growth on caddisfly cases; Morphological changes in the alga *Cladophora glomerata* in response to insect grazing and water velocity; Grazing by the aquatic caterpillar *Petrophila confusalis*. 1988-1992.

Research Specialist. Neurophysiology and behavior of knife fish. (Dr. Joseph Bastian, University of Oklahoma). 1984-1985.

Peace Corps Volunteer. Warmwater fish culture extension agent in Ubon Province (Thailand), 1981-1983; Director, Bambui-Nkwen Fish Hatchery (Republic of Cameroon). 1983-1984.

Research Assistant. Survey of macroinvertebrates of springs and springbrooks in the Piceance Basin, CO. (Dr. J. V. Ward, Colorado State Univ.). 1979-1980.

Thesis research. Movement of macroinvertebrates in a stream riffle. (Colorado State University). 1979-1981.

Research Technician II. Effects of predators on macroinvertebrates in Par Pond. (Dr. J. H. Thorp, Savannah River Ecology Lab., Aiken, S. C.). 1978-1979.

Teaching Experience:

Instructor:

Invertebrate Zoology or Biology of Invertebrates (University of Oklahoma, 2002; odd years: 2003 to 2013)

Medical Entomology (University of Oklahoma, 2001, 2004, 2006; University of Chiang Mai, 2007)

General Seminar (University of Oklahoma, 2002, 2003)

Senior Capstone Seminar: Biodiversity & Conservation (University of Oklahoma, 2012, 2014)

Co-instructor:

Invertebrate Zoology (University of Chiang Mai, 2007)

Biology of Aquatic Insects (University of California, Berkeley, 1991)

Graduate Teaching Assistant:

Freshwater Biology (Colorado State University, 1981)

Stream Ecology (University of Oklahoma Biological Station, 1987)

Introductory Biology for non-majors (Oklahoma State University, 1987)

Biology of Aquatic Insects (University of California, Berkeley, 1989)

Insect Anatomy (University of California, Berkeley, 1990)

Insect Ecology (University of California, Berkeley, 1991)

Guest Lecturer

Ecology and Systematics of Diatoms, Stream Ecology, Insect Ecology, Insects and Man, Insect Biology, Biomonitoring (Thailand), General Ecology, Invertebrate Zoology (Thailand), Advanced Ecology & Evolutionary Biology, Research Methods and Professional Development (Geography)

Honors and awards:

Fulbright Ambassador (2013-2015)

Nancy L. Mergler Mentor Award (undergraduate research) (2013, Univ Oklahoma)

Fulbright Scholar: Thailand (2007-2008)

NSF CAREER Grantee (2005-2011)

College of Arts & Sciences Junior Faculty Summer Fellowship (2001, Univ Oklahoma)

Usinger Award (1992, UC-Berkeley)

Outstanding Graduate Student Instructor Award in Entomology (1992, UC-Berkeley)

ARCS Award (1991-92)

Sigma Xi Grant-in-Aid (1990, 1991)

Graduate Opportunity Fellowship (1989-91, UC-Berkeley)

Genevieve McEnerney Fellowship (1988-89, UC-Berkeley)
B.S.'s with special distinction (1977, Univ of Oklahoma)
Harriet Harvey Scholarship Award (1977, Univ of Oklahoma)
Phi Beta Kappa (1976)

Publications (peer-reviewed):

- Bergey, E. A., L. L. Figueroa, C. M. Mather, R. J. Martin, E. J. Ray, J. T. Kurien, D. R. Westrop, and P. Suriyawong. In press. Trading in snails: plant nurseries as distribution centers for non-native species. *Biological Invasions*.
- Martin, R. J. and E. A. Bergey. 2013. Growth plasticity with changing diet in the land snail *Patera appressa* (Polygridae). *Journal of Molluscan Studies*; 79: 364-368.
- Dyer, J. J., S. K. Brewer, T. A. Worthington, and E. A. Bergey. 2013. The influence of coarse-scale environmental features on current and future distributions of narrow-range endemic crayfish populations. *Freshwater Biology* 58:1071-1088.
- Bergey, E. A. and J. G. White. 2010. Mine effluent effects on the macroinvertebrates and habitat in a small stream in the Tar Creek watershed (Ottawa County, Oklahoma). *Proceedings of the Oklahoma Academy of Sciences* 90: 11-26.
- Bergey, E. A., P. Bunlue, S. Silalom, D. Thapanya, and P. Chantaramongkol. 2010. Environmental and biological factors affect desiccation tolerance of algae from two rivers (Thailand and New Zealand) with fluctuating flow. *Journal of the North American Benthological Society* 29: 725-736.
- Bergey, E. A., J. T. Cooper, and B. C. Phillips. 2010. Substrate characteristics affect colonization by the bloom-forming diatom *Didymosphenia geminata*. *Aquatic Ecology* 44: 33-40.
- Robison, H. W., B. G. Crump, C. T. McAllister, C. Brummett, and E. A. Bergey. 2009. Distribution, life history aspects, and conservation status of the Mena crayfish, *Orconectes (Procericambarus) menae* (Decapoda: Cambaridae). *Proceedings of the Oklahoma Academy of Science* 89: 47-55.
- Bergey, E. A., J. T. Cooper, and C. R. Tackett. 2009. Occurrence of the invasive diatom *Didymosphenia geminata* in southeast Oklahoma. *Publications of the Oklahoma Biological Survey* 9:13-15.
- Bergey E. A. 2008. Does rock chemistry affect periphyton accrual in streams? *Hydrobiologia* 614: 141-150.
- Bergey, E. A., W. J. Matthews, and J. E. Fry. 2008. Springs in time: fish faunal changes in springs over a 20-year interval. *Aquatic Conservation: Marine and Freshwater Ecosystems* 18: 829-838.
- Abbott, L. L. and E. A. Bergey. 2007. Why are there so few algae on snail shells? The effects of grazing, nutrients and shell chemistry on the algae on shells of *Helisoma trivolvis*. *Freshwater Biology* 52: 2112-2120.

- Jones, S. N. and E. A. Bergey. 2007. Habitat segregation in stream crayfishes: implications for conservation. *Journal of the North American Benthological Society* 26: 134-144.
- Lewis, J. J., G. O. Graening, D. B. Fenolio, and E. A. Bergey. 2007. *Caecidotea mackini*, new species, with a synopsis of the subterranean asellids of Oklahoma (Crustacea: Isopoda: Asellidae). *Proceedings of the Biological Society of Washington* 119: 563-575.
- Bergey, E. A. 2006. Measuring the surface roughness of stream stones. *Hydrobiologia* 563: 247-252.
- Bergey, E. A. and G. M. Getty. 2006. A review of methods for measuring the surface area of stream substrates. *Hydrobiologia* 556: 7-16.
- Bergey, E. A. and V. H. Resh. 2006. Differential response of algae on small streambed substrates to floods. *The American Midland Naturalist* 155: 270-277.
- Graening, G. O., J. R. Holsinger, D. B. Fenolio, E. A. Bergey, and C. C. Vaughn. 2006. Annotated checklist of the amphipod crustaceans of Oklahoma, with emphasis on groundwater habitats. *Proceedings of the Oklahoma Academy of Science* 86: 65-74.
- Nimmo, D. W. R., R. W. Johnson, M. A. Preul, R. W. Pillsbury, J.R. Self, and E. A. Bergey. 2006. Determining site-specific toxicity of copper to daphnids and fishes in a brown-water ecosystem. *Journal of Freshwater Ecology* 21: 481-491.
- Bergey, E. A. 2005. How protective are refuges? Quantifying algal protection in rock crevices. *Freshwater Biology* 50: 1163-1177.
- Jones, S. N., E. A. Bergey, and C. A. Taylor. 2005. Update to the checklist of Oklahoma crayfishes. *Proceedings of the Oklahoma Academy of Science* 85: 43-46.
- Bergey, E. A. 2004. Crevice refuges as a source for algal colonists of disturbance-affected substrates. *Archiv für Hydrobiologie* 161: 235-243.
- Bergey, E. A. and J. E. Weaver. 2004. The influence of crevice size on the protection of epilithic algae from grazers. *Freshwater Biology* 49: 1014-1025.
- Taylor, C. A., S. N. Jones, and E. A. Bergey. 2004. The crayfishes of Oklahoma revisited: new state records and checklist. *The Southwestern Naturalist* 49: 250-255.
- Nimmo, D. W. R., M. A. Preul, C. J. Castle, R. W. Pillsbury, J. R. Self, and E. A. Bergey. 2003. Effects of excess copper on the growth of wild rice (*Zizania palustris*) seedlings tested in reconstituted and natural waters. *Environmental Management* 32: 466-475.
- Kilroy, C., Sabbe, K., E. A. Bergey, W. Vyverman, and R. Lowe. 2003. New species of *Fragilariforma* (Bacillariophyceae) from New Zealand and Australia. *New Zealand Journal of Botany* 41: 535-554.
- Suren, A., B. J. Biggs, C. Kilroy, and L. Bergey. 2003. Benthic community dynamics

- during summer low flows in streams with contrasting enrichment: (1) Periphyton. *New Zealand Journal of Marine and Freshwater Research* 37: 53-70.
- Suren, A., B. J. Biggs, M. Duncan, and L. Bergey. 2003. Benthic community dynamics during summer low flows in streams with contrasting enrichment: (2) Invertebrates. *New Zealand Journal of Marine and Freshwater Research* 37: 71-83.
- Sabbe, K., K. Vanhoutte, R. L. Lowe, B. J. F. Biggs, E. Bergey, S. Francouer, D. Hodgson, and W. Vyverman. 2001. Six new *Actinella* (Bacillariophyta) species from Papua New Guinea, Australia and New Zealand: further evidence for widespread diatom endemism in the Australasian region. *European Journal of Phycology* 36(4): 321-340.
- Bergey, E. A. 1999. Crevices as refugia for stream diatoms: Effect of crevice size on abraded substrates. *Limnology and Oceanography* 44: 1522-1529.
- Bergey, E. A. 1995. Local effects of a sedentary grazer on stream algae. *Freshwater Biology* 33: 401-409.
- Bergey, E. A., C. A. Boettiger, and V. H. Resh. 1995. Effects of water velocity on the architecture and epiphytes of *Cladophora glomerata* (Chlorophyta). *Journal of Phycology* 31: 264-271.
- Bergey, E. A. and V. H. Resh. 1994. Effects of burrowing by a stream caddisfly on case-associated algae. *Journal of the North American Benthological Society* 13: 379-390.
- Bergey, E. A. and V. H. Resh. 1994. Interactions between a stream caddisfly and the algae on its case: factors affecting algal quantity. *Freshwater Biology* 31: 153-163.
- Bergey, E. A., S. F. Balling, J. N. Collins, G. A. Lamberti and V. H. Resh. 1992. Bionomics of invertebrates within an extensive *Potamogeton pectinatus* L. bed of a California marsh. *Hydrobiologia* 234: 15-24.
- Bergey, E. A. and J. V. Ward. 1989. Upstream-downstream movements of aquatic invertebrates in a Rocky Mountain stream. *Hydrobiologia* 185: 71-82.
- Gray, L. J., J. V. Ward, R. J. Martinson and E. A. Bergey. 1983. Aquatic macroinvertebrates of the Piceance Basin, Colorado: Community response along spatial and temporal gradients of environmental conditions. *Southwestern Naturalist* 28: 125-135.
- Thorp, J. H. and E. A. Bergey. 1981. Field experiments on responses of a freshwater benthic macroinvertebrate community to vertebrate predators. *Ecology* 62: 365-375.
- Thorp, J. H. and E. A. Bergey. 1981. Field experiments on interactions between vertebrate predators and larval midges (Diptera: Chironomidae) in the littoral zone of a reservoir. *Oecologia* 50: 285-290.

Book chapters and proceedings publications.

- Pillsbury, R.W. and E.A. Bergey. 2000. The effects of root mass and disturbance on wild rice (*Zizania aquatica*) survivorship. In: Williamson, L.S., L.A. Dlutkowski, and A.P. McCammon Soltis (eds.) *Wild Rice Research and Management*. Great Lakes Indian Fish and Wildlife Commission. Odanah, WI. Pages 206-214.
- Resh, V. H., J. R. Wood, E. A. Bergey, J. W. Feminella, J. K. Jackson, and E. P. McElravy. 1996. The biology of *Gumaga nigricula* (McL.) in a northern California stream. Pages 401-410 in *Proceedings of the 8th International Symposium on Trichoptera*, publications of the Ohio Biological Survey.

- Hanks, D., B. Baker, E. Bergey, D. Hartman, R. Rice and R. Rode. 1985. Extending Freshwater Fish Culture in Thailand. Peace Corps Collection and Exchange, Reprint R-22, Washington, D.C. 154 pp.
- Covich, A. P., W. D. Shepard, E. A. Bergey and C. S. Carpenter. 1978. Effects of fluctuating flow rates and water levels on chironomids: direct and indirect alterations of habitat stability. Pages 141-156 *in* Energy and Environmental Stress in Aquatic Systems (J. H. Thorp and J. W. Gibbons, eds.). ERDA Symposium Series. Oak Ridge Press, Oak Ridge, Tennessee.

Current and recent funding:

- A new research endeavor: ecology of land snails in the Great Plains. Research Council FIP Program. \$14,216. April 2013-2014. PI
- Preliminary survey of Oklahoma's bumble bees. OBS Internal Grants Program. \$2,000. March 2013-2014. PI, co-PI: L. L. Figueroa
- Support of preliminary research on land snail biology. Faculty Enrichment Grant program, College of Arts and Sciences. Nov 2012- Oct 2013. \$1,200. PI
- CAS Instructional Technology Grants Program: Using technology to see and record small organisms. 2010-2011. \$11,213. PI
- CAREER: Embedded subsidies: a test with crevice-dwelling algae. National Science Foundation. 31 May 2005-30 May 2011. \$500,000. PI
- Terrestrial snails in Oklahoma. Oklahoma Biological Survey Internal Grants Program. April 2009-2011. \$1,800. PI
- Aquatic biology and the downstream effects of hydroelectric dams. Fulbright Scholar Program. Oct 2007-April 2008. PI
- Faunal survey of Oklahoma caves and springs. Oklahoma Department of Wildlife Conservation. June 2004-May 2008. \$108,344. PI
- Member program "Data improvements" under FESTF project with pesticide industry. NatureServe. 2004-2006. \$10,000. PI: B. Hoagland, co-PIs: J. Kelly, E. Bergey and I. Butler
- Design, construction and evaluation of a passive treatment system for contaminated mine waters. US Environmental Protection Agency. Oct 2004-Dec 2007. \$2,982,300. PI: R. W. Nairn, co-PIs: K. A. Strevett, R. C. Knox, W. J. Matthews, and E. A. Bergey
- Development of inter-agency rare species data sharing and exchange for statewide wildlife conservation planning. Oklahoma Department of Wildlife Conservation. 2004-2007. \$156,040. PI: I. Butler, co-PIs: E. Bergey, B. Hoagland, and J. Kelly.

Recent presentations (as presenter; last 5 years):

- Dams: Ecological effects and examples of mitigation. Royal Golden Jubilee Congress, Pattaya, Thailand. 6-8 April 2012. Co-authors: P. Chantaramongkol, and D. Thapunya (Invited plenary speaker)

- Resources for making student teams and having fun while learning. Oklahoma Academy of Science Technical Meeting. University of Central Oklahoma, Edmond, OK. 9 Nov 2012.
- Plant nurseries as a resource for dispersing non-native land snails. Oklahoma Academy of Science Technical Meeting. University of Central Oklahoma, Edmond, OK. 9 Nov 2012. Co-authors: L. Figueroa, and C. M. Mather
- When rocks are rough, the algae are there; mayflies wander and stoneflies don't care. Annual Meeting of the North American Benthological Society, Providence, RI. 22-26 May 2011. Co-author: J. T. Cooper
- Using projects to increase student learning and participation in a lecture-based course. Oklahoma Academy of Science Annual Technical Meeting, Broken Arrow, OK. 5 Nov 2010.
- A wetland below a dam alters the habitat and biotic recovery of a small regulated river. Oklahoma Academy of Science Annual Technical Meeting. Broken Arrow, OK. 5 Nov 2010. Co-authors: ., D. Thapanya, P. Chantaramongkol, N. Udong, A. Nakwong, A. Kliaklom, and J. T. Cooper
- Short-term desiccation response of algae varies with exposure conditions. North American Benthological Society Annual Meeting, Grand Rapids, MI. 17-22 May 2009. Co-authors: P. Bunlue, S. Silalom, W. Kongkanka, P. Chantaramongkol, and D. Thapunya
- In class or after school? A comparison of strategies for elementary school outreach. Oklahoma Academy of Science. Ada, OK. 9 Nov 2009. Co-authors: A. T. Faris, and E. R. Maupin
- What happens to algae when the water level changes in a regulated river? Oklahoma Academy of Science. Ada, OK. 9 Nov 2009. O-authors P. Bunlue, S. Silalom, P. Chantaramongkol, and D. Thapunya
- Didymo: a diatom that stands up and stands out. Botany Graduate Seminar; Department of Botany & Microbiology, OU. 29 Oct 2009.
- When diatoms go bad- an old diatom becomes a new invader. Darwinathon (marathon of talks to commemorate Darwin). University of Oklahoma. 2 Nov 2009.
- Living and working overseas in Thailand. Oklahoma Academy of Science Fall Field Trip Meeting evening speaker. Black Mesa State Park. 26 September 2008.
- A hard place to grow: interactions between algae and their substrates. Departmental Seminar. Khon Kaen University, Khon Kaen, Thailand. 16 Jan 2008.
- Effects of pollutants and altered flow regimes on stream biota. Departmental Seminar. Mahasarakam University, Mahasarakam, Thailand. 17 Jan 2008.

University Service:

University-wide: Faculty Senate representative (2010-2016); University of Oklahoma Fulbright Steering Committee (2012-2013); Faculty Advisor, Thai Student Association (2011 to present)

College of Arts and Sciences: Committee in Support of Teaching and Research (2013-2016); Course and Curriculum Development Committee (2012 to 2014); Bhutan Working Group (2012 to present); Executive Committee (2008-2009); Scholarship Selections Committee (2003-2006)

Sam Noble Oklahoma Museum of Natural History: Cave Exhibit Committee member (2001-2002)

Department of Biology: Undergraduate Studies Committee (2005-2009, 2011-2013); Graduate Selections Committee (204-2005, 2010-2011); Adams Scholarship Committee (2010)

Oklahoma Biological Survey: Health and Safety Officer (2000 to present); Internship Program Committee (Chair; 2003 to present); Web Committee (2000 to present); BioBlitz! team leader for aquatic invertebrates (most years, 2001 to present); Committee A (2009-2012)

Heritage Biologist: State conservation ranking of Oklahoma species (based on distribution, population size, and threats):

- crustaceans (including crayfish) and cave organisms: 81 species (completed in 2005)
- Lepidoptera (butterflies only): 195 species (completed in 2011)
- Odonata (dragonflies and damselflies): 159 species (completed in 2012)
- proposed additions to state list of Species of Greatest Conservation Need: 41 species (proposed in 2012; accepted in 2013)

Other Service:

Oklahoma Academy of Science:
 Aquatic invertebrates field trip leader for fall and spring field meetings (most meetings, 2001 to present)
 Section vice-chair and chair, Science Education (2010-2012; 2013-2014)

Association of Wetlands Scientists:
 Associate Editor for the journal Wetlands (2009-2012)

North American Benthological Society (now: Society for Freshwater Science): session moderator (2001, 2002, 2004); student presentation judge (2001 to 2007, 2009-2011); and conference logo design (2000, 2003, 2005)

North American Diatom Symposium: conference logo design (2005)

Southwestern Association of Naturalists: annual meeting (Norman, OK): Local Arrangements Committee: field trip coordinator & aquatic fieldtrip leader (2003)

Conservation Exchange Group (network for state, federal, and NGO conservation personnel) (2005 to present)

State of Oklahoma: Wildlife Diversity Program Technical Advisory Committee (2005-2006)

Outreach: BEES program (http://biosurvey.ou.edu/bergey/pages/outreach_bergey.html) (2004 to 2012); Snail biology outreach (2013); miscellaneous (e.g., Object Identification Day, Family Science Night, Jefferson School Wildlife Day)

- cumulative number of K-6 students: in-class programs (2003-2012): 1,787
- cumulative numbers of family or afterschool program participants (2003-2012): 542

- 2013: land snail biology at all 17 sites for Community Afterschool Programs in Norman (snail programs were largely run by undergraduates): about 400 K-5 students
Ad hoc manuscript reviewer for: American Malacological Bulletin; American Midland Naturalist; Aquatic Conservation: Marine and Freshwater Ecosystems; Aquatic Ecology; Archiv für Hydrobiologie; Archives of Environmental Contamination and Toxicology; Arkansas Academy of Science; Austral Ecology; Ecohydrology; Ecology; Ecological Entomology; Ecological Engineering; Ecoscience; Florida Entomologist; Freshwater Biology; Fundamental and Applied Limnology; Hydrobiologia; International Journal of Ecological Economics and Statistics; International Journal of Limnology; International Journal of Tropical Biology and Conservation; Journal of Molluscan Studies; Journal of the American Water Resources Association; Journal of Geophysical Research – Biogeosciences; Journal of the North American Benthological Society; Journal of Phycology; Limnology and Oceanography; Limnology and Oceanography: Methods; Proceedings of the Oklahoma Academy of Science; Songklanakarin Journal of Science and Technology; Southwestern Association of Naturalists; Western North American Naturalist; Wetlands
Proposal reviewer for: National Science Foundation, U.S. Geological Survey and National Institutes for Water Resources National Competitive Grants Program, University of Central Oklahoma Internal Grants Program

Graduate students (current):

Eric Bright (PhD). 2009 to present. Ecology of small playa lakes.
Phushewan Suriyawong (PhD co-advisor). 2010 to present. Effect of check dams on mountain streams.
Shelly Wu (M.S.). 2013 to present. Diatom ecology.
Kambridge Brown (PhD). 2013 to present. Ecology of springs and springbrooks.

Graduate students (previous):

Nina Desianti. 2010-2012 (M.S., May 2012). Interactions between duckweeds and their diatom epiphytes. Next position: PhD student at Drexel University, Philadelphia, PA
Joshua Cooper. 2006-2010 (M.S., Dec 2010). The ecology of diatoms (Bacillariophyceae) in freshwater ephemeral rock pools: diversity and distribution in the Central Plains. Next position: PhD student at the University of Oklahoma, Norman, OK
Shane Jones. 2001-2004 (M.S., July 2004). Distribution, habitat use, and life history characteristics of three crayfish species from the upper Kiamichi River watershed: Implications for conservation. Next position: faculty at College of Lake County, Grayslake, IL
Rie Miyazaki. 2007-2010 (PhD student). Influence of tributaries on below-dam stream communities. Withdrew from program in 2010 and returned to Japan.

Graduate student committees (past and present):

Gaiping Chen, Joey Dyer (Oklahoma State University), Dante Fenolio, Heather Galbraith, Chad Hargrave, Austin Lau, Stephanie Miller (Auburn University), Melissa Moore, Andrew Potter (Oklahoma State

University); Somyot Silalom (Chiang Mai University, Thailand); Jeff Wesner, Sarah A. Yepez

Current undergraduate students

*Laura Figueroa: status of bumblebees in Oklahoma

*Blythe Taylor: burrowing behavior in land snails

Olivia Pham: dispersal of non-native snails among urban yards & stable isotopes as indicators of dietary overlap

Moshain Gill: biology of land snail outreach program for K-5 students

Past undergraduates: (research or conservation interns)

Lindsay Abbott*, Elizabeth Alexander, Heather Bragg, Jon Dandridge, Kelly Etherton, Amanda Faris*, Johnnie Gilpen, Ashley Hunter, Louis Jackson, Jesse Jarman, Atthaya Kliaklom (Thailand), Jobin Kurien*, Michael Le, Megan Lersch, Betty Luu, Rebekah Martin*, Elizabeth Maupin, Callie Merriott, Erin Moyes, Anchana Nakwong (Thailand), Julie Neboh, Eric Ray*, Crystal Slotnick, Aleksandra Stojanoska, Alex Tyler, Joshua Stoops, Nataporn Udong (Thailand), Hunter Wernick,

* signifies a student whose research proposal was funded by the Undergraduate Research Opportunities Program (UROP) at the University of Oklahoma

Undergraduate honors theses:

Merriott, Callie. May 2013. Relationship among invertebrate abundance, richness and soil depth in playa lakes.

Kurien, Jobin T. December 2012. The effect of tree species on the local distribution of land snails.

Martin, Rebekah J. December 2012. Snail nutrition: leaf litter is not enough.

Ray, Eric J. December 2012. Snails and fire: experimental effects of prescribed burns on the snail *Anguispira alternata* under summer conditions.