

ADAM M. LAMBERT

Assistant Professor

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PROFESSIONAL PREPARATION

Postdoctoral Scholar	University of California, Santa Barbara	2006-2007
PhD	University of Rhode Island	2005
MA	Binghamton University (SUNY)	2000
BS	Providence College	1997

PROFESSIONAL EXPERIENCE

2007-	Assistant Professor of Ecology, Eastern Connecticut State University
2005-06	Adjunct Assistant Professor of Biology, Providence College
1999-05	Lecturer, Providence College
2000	Research Entomologist, American Biophysics Corp., Warwick, RI
1999	Mosquito Abatement Technician, Rhode Island Department of Environmental Management, Narragansett, RI

RESEARCH INTERESTS

Invasive species
Plant-animal and Tri-trophic Interactions
Indirect Effects of Exotic Insects on Native and Exotic Plant Competition
Biological Control as a Restoration Tool
Ecology and Control of Biting Insects

TEACHING

Eastern Connecticut State University - Biological Invasions, General Ecology, Plant Ecology, Plant-Animal Interactions (2007-present)
University of California, Santa Barbara - Mentor, Research Mentorship Program for Pre-college Students (2006-07), Undergraduate and Graduate Student Research Mentor (2006-present)
Providence College - Ecology, Environmental Science, General Biology Laboratory, Human Biology, Marine Ecology, Rhode Island Biology (2000-05)
University of Rhode Island - Coastal Fellows Undergraduate Research Mentor (2003-05)
Lincoln High School - Biology/Science Teacher, Lincoln, RI (2000-01)
SUNY Binghamton - Graduate Teaching Assistant/Lecturer for General Biology (1997), Undergraduate Research Mentor (1997-99)
Providence College - Undergraduate Laboratory Assistant, General Biology Laboratory (1995-97)

PUBLICATIONS

- Lambert, A.M.**, T.L. Dudley, and J. Robbins. (Submitted) Relative Effects of Soils, Nutrients, Water, and Light on the Growth of Invasive Giant Reed. *Invasive Plant Science and Management*.
- Dudley, T.L., **A.M. Lambert**, A. Kirk, and Y. Tamagawa*. 2008. Herbivores of *Arundo donax* in California. *In: Proceedings of the XIIth International Symposium on Biological Control of Weeds* (R. Forza and H. Evans, eds.), Montpellier, France. (*In Press*)
- Lambert, A. M.** 2007. Effects of Prey Availability, Facultative Plant Feeding, and Plant Defenses on a Generalist Insect Predator. *Arthropod-Plant Interactions* 1: 167-173.
- Lambert, A.M.** and R.A. Casagrande. 2007. Characteristics of a Successful Estuarine Invader: Evidence of Self-Compatibility in Native and Non-native Lineages of *Phragmites australis*. *Marine Ecology Progress Series* 337: 299-301.
- Lambert, A.M.**, R. A. Casagrande. 2007. Susceptibility of Native and Non-native Common Reed to the Mealy Plum Aphid (Homoptera: Aphididae) in North America. *Environmental Entomology* 36: 451-457.
- Lambert, A.M.**, K. Winiarski*, and R.A. Casagrande. 2007. Distribution and Impact of *Lipara* Species on Native and Exotic *Phragmites australis*. *Aquatic Botany* 86: 163-170.
- Dudley, T.L. and **A.M. Lambert**. 2006. Parasitic Wasps to Control *Arundo donax* in the Watershed? Santa Clara River Watershed Times (Fall 2006).
- Lambert, A.M.** and R.A. Casagrande. 2006. Distribution of Native and Exotic *Phragmites australis* in Rhode Island. *Northeastern Naturalist* 13: 551-560.
- Lambert, A.M.** and R.A. Casagrande. 2006. No Evidence of Fungal Endophytes in Native and Exotic *Phragmites australis*. *Northeastern Naturalist* 13: 561-568.
- Dudley, T.L., **A.M. Lambert**, and A. Kirk. 2006. Augmentation Biological Control of *Arundo donax*, pp. 141-144. *In: Proceedings of the California Conference on Biological Control*, V (M. Hoddle and M. Johnson, eds.). Riverside, CA.
- Lambert, A. M.** 2002. Morphological Characteristics for Field Identification of Native and Introduced *Phragmites australis*. *Rhode Island Naturalist* 9: 11-12.
- Casagrande, R.A., M. DeSanto, J. Dacey, and **A.M. Lambert**. 2002. *Pseudoschymnys tsugae* for Biological Control of the Hemlock Woolly Adelgid in Suburban Settings, pp. 170-180. *In: Proceedings: Hemlock Woolly Adelgid in the Eastern United States Symposium* (Onken, B., R. Reardon, and J. Lashomb, eds.), USDA, East Brunswick, New Jersey.

Dissertation and Thesis

- Lambert, A.M.** 2005. Native and Exotic *Phragmites australis* in Rhode Island: Distribution and Differential Resistance to Insect Herbivores. PhD Dissertation, University of Rhode Island.
- Lambert, A. M.** 2000. Effects of Intact Host Plants and Prey Abundance on a Generalist Insect Predator. MA Thesis, Binghamton University, State University of New York.

In Preparation

- Lambert, A.M.**, T.L. Dudley, and Y. Tamagawa*. Biology of *Tetramesa romana* (Hymenoptera: Eurytomidae), a candidate biological control agent for *Arundo donax*. Target journal - *Annals of the Entomological Society of America*.

* with student co-authors

In Preparation Cont.

- Lambert, A.M.** Are Exotic Insects Drivers of Apparent Competition Between Native and Exotic Lineages of Common Reed? Target journal - *Ecology Letters*.
- Lambert, A.M.,** L. Tewksbury, and R.A. Casagrande. 2006. Comparative Performance of *Poanes viator* (Edwards) and *Rhizedra lutosa* (Hübner) Feeding on Native and Exotic *Phragmites Australis*. Target journal – *Biological Control*.

RESEARCH PRESENTATIONS/SEMINARS**Invited Seminars**

- 2007** Invasive Plant-Animal Interactions in Connecticut Woodlands and Wetlands. Connecticut Invasive Plant Working Group, Winsor, CT.
Non-Native Reed Invasion in North America: Causes, Impacts, and Potential for Biological Control. Eastern Connecticut State University, Willimantic, CT.
Potential for Biological Control of Giant Reed (*Arundo donax*) in California. Entomological Association of Southern California, Pasadena, CA.
- 2006** Ecology and Biological Control of *Arundo donax* in the Southwestern United States. USDA European Biological Control Laboratory, Montpellier, France.
Invasive Reeds in the United States: Ecology, management, and potential for biological control. Southern California Wetlands Recovery Project, Ventura, CA.

Conferences/Symposia

- 2007** **Lambert, A.M.** The flies can tell the difference: differences in resistance of native and exotic *Phragmites australis* to insect herbivores. *Phragmites* Workshop, Cornell University, Ithaca, NY.
Lambert, A.M. and T.L. Dudley. Plant community and ecosystem effects of *Arundo donax* invasion. California Invasive Plant Council Symposium, San Diego, CA.
Tamagawa, Y.* and **A.M. Lambert**. Effects of non-native aphids (*Hyalopterus pruni*) on competition between native and non-native *Phragmites australis*. California Invasive Plant Council Symposium, San Diego, CA.
Lambert, A.M., T.L. Dudley, A. Kirk, and Y. Tamagawa*. Ecological Basis for Biological Control of *Arundo donax*. XII International Conference on Biological Control of Weeds, Montpellier, France.
- 2006** **Lambert, A.M.** and T.L. Dudley. Potential for Augmentation Biological Control of *Arundo donax* in California. California Invasive Plant Council Symposium, Sonoma, CA.
Dudley, T., **A.M. Lambert**, P. Dalin, et al. Invasive species and riparian ecosystem linkages in the Santa Clara watershed. Santa Barbara County, LTER Symposium. Santa Barbara, CA.
Dudley, T.L. and **A.M. Lambert**. Augmentation Biological Control of *Arundo Donax*. California Conference on Biological Control, V. Riverside, CA.
Lambert, A.M., T.L. Dudley, and A. Kirk. Augmentation Biological Control of *Arundo Donax*. University of California Exotic/Invasive Pests & Diseases Research Program Workshop, Riverside, CA.

* with student co-authors

Conferences/Symposia Cont.

- 2005 Lambert, A.M.** and R.A. Casagrande. Differential resistance of native and exotic *Phragmites australis* to insect herbivores. Entomological Society of America, National Meeting, Ft. Lauderdale, FL.
 Winiarski, J*, **A.M. Lambert**, and L. Tewksbury. Distribution of insect herbivores attacking native and exotic *Phragmites australis* in New England. Coastal Fellows Symposium, University of Rhode Island, RI.
Lambert, A.M. Using GIS technology to enhance student learning and research. Instructional Technology Showcase, Providence College, RI.
- 2004 Hawkins, P.***, **A.M. Lambert**, and R.A. Casagrande. Effects of exotic mealy plum aphids on native and exotic *Phragmites australis*. Coastal Fellows Symposium, University of Rhode Island, RI.
 Winiarski, K.*, **A.M. Lambert**, and R.A. Casagrande. Impact of *Lipara* species on Native and Exotic *Phragmites australis* in Rhode Island. Coastal Fellows Symposium, University of Rhode Island, RI.
- 2003 Lambert, A. M.** Herbivores of native and exotic *Phragmites australis*. Entomological Society of America, Eastern Branch Meeting, Harrisburg, PA.
Lambert, A.M. Biological control of native and exotic *Phragmites australis*. Entomological Society of America, Eastern Branch Meeting, Harrisburg, PA.
- 1999 Lambert, A.M.** Effects of intact plants and prey abundance on a generalist insect predator. Binghamton University, Binghamton, NY.
- 1998 Lambert, A.M.** Detrimental effects of tomato trichomes on a beneficial insect predator. Binghamton University Sciences Symposium, Binghamton, NY.
- 1997 Lambert, A.M.**, R. Novak and G. O’Leary. Molecular phylogeny of scyphomedusans and hydromedusans by thin layer agarose gel isoelectric focusing. Eastern Colleges Science Conference, Hartford, CT.

GRANTS AND FELLOWSHIPS

- 2007-08** Plant-insect interaction in native and non-native genotypes of common reed. Center for Invasive Plant Management. Montana State University.
- 2006-07** Conservation of native *Phragmites australis* in California. UC Genetic Resources Conservation Grant.
- 2006-07** Ecological basis for biological control of *Arundo donax* in California (T. Dudley, PI). UC Exotic/Invasive Pests and Diseases Research Grant.
- 2005-06** Using geographic information systems to enhance student learning and research. Davis Foundation Grant for Instructional Technology, Providence College.
- 2004** Cedric C. Jennings Scholarship, University of Rhode Island.
- 2001-04** Minority graduate research fellowship, New England Board of Higher Education
- 2001** Research initiation grant, Marsh Resources, Inc., North Carolina.
- 1998-99** Clark Academic Graduate Research Fellowship, SUNY Binghamton.

* with student co-authors

PROFESSIONAL MEMBERSHIPS/ACTIVITIES

Society for Conservation Biology, Ecological Society of America, Entomological Society of America, California Invasive Plant Council, Connecticut Invasive Plant Working Group, Southern California Wetlands Recovery Project, American Indian Science and Engineering Society

SERVICE

Mentor for undergraduate research students (3 current; 17 total)

Connecticut Invasive Plant Working Group (2007-)

Lower Santa Clara River Conservation Plan Working Group (2006-2007)

Co-chair, *Arundo donax* and *Phragmites australis* Symposium (March 2008), Western Society of Weed Scientists, Anaheim, CA

Manuscript reviews for Bioscience, Journal of Applied Ecology, Biological Conservation, Diversity and Distributions, Biological Invasions, Madroño, Aquatic Botany

Chair, General Biology Curriculum Revision Committee, Providence College (2004-2005)

Organizer, Binghamton University Science Symposium (2x) (1998-1999)

President, Biology Graduate Student Organization, Binghamton University (1997-1998)

AWARD

Charles V. Reichart, O.P. Biological Sciences Award, Providence College