

# ADAM M. LAMBERT

Assistant Professor

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## PROFESSIONAL PREPARATION

<b>Postdoc</b>	University of California, Santa Barbara	<b>2006-2007</b>
<b>PhD</b>	University of Rhode Island	<b>2005</b>
<b>MA</b>	Binghamton University (SUNY)	<b>2000</b>
<b>BS</b>	Providence College	<b>1997</b>

## PROFESSIONAL EXPERIENCE

<b>2008-</b>	Associate Curator for Restoration, Cheadle Center for Biodiversity and Ecological Restoration, University of California, Santa Barbara
<b>2007-</b>	Assistant Professor, Eastern Connecticut State University
<b>2005-06</b>	Adjunct Assistant Professor, Providence College
<b>1999-05</b>	Lecturer, Providence College
<b>2000</b>	Research Entomologist, American Biophysics Corp.
<b>1999</b>	Mosquito Abatement Technician, Rhode Island Department of Environmental Management

## RESEARCH INTERESTS

Population and Community Ecology of Native and Exotic Plants  
Plant-animal and Tri-trophic Interactions  
Indirect Effects of Exotic Insects on Native and Exotic Plant Competition  
Biological Control as a Restoration Tool

## TEACHING

*Eastern Connecticut State University* - Plant Ecology, General Ecology, Biological Invasions, 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)

**PUBLICATIONS**

- Saltonstall, K., **A.M. Lambert**, and L.A. Meyerson. (In Review) Genetics and Reproduction of *Arundo donax* L. and *Phragmites australis* (Cav.). *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 M. Julien, eds.), Montpellier, France.
- 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.

**RESEARCH PRESENTATIONS/SEMINARS****Invited Seminars**

- 2008** Non-Native Reed Invasion in North America: Causes, Impacts, and Potential for Biological Control. Connecticut College, New London, CT.

\* with student co-authors

- 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

- 2008** **Lambert, A.M.** Biology, Origin, and Current Range of Common Reed (*Phragmites australis*). Western Society of Weed Scientists Annual Meeting, Anaheim, CA.  
**A.M. Lambert** and L.A. Meyerson. Ecosystem Impacts of Common Reed in the Eastern and Western U.S. Western Society of Weed Scientists Annual Meeting, Anaheim, CA.  
**Lambert, A.M.** Exotic Plant-Herbivore Interactions in Connecticut Woodlands. CSU Faculty Research Conference, Willimantic, CT.
- 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.

### Conferences/Symposia Cont.

- 2006** 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.
- 2005** **Lambert, A.M.** and R.A. Casagrande. Differential resistance of native and exotic *Phragmites australis* to insect herbivores. Entomological Society of America, National

\* with student co-authors

- 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

- 2009-10** Distribution of Native and Exotic *Phragmites australis* in the southwestern United States. CSU Faculty Research Grant.
- Evaluation of non-structural defensive chemicals in native and invasive common reed (*Phragmites australis*). ECSU Faculty/Student Collaborative Research Matching Grant.
- 2008-11** Habitat restoration and conservation at ECSU's Church Farm. Natural Resources Conservation Service WHIP Grant.
- 2008-10** LI-COR Environmental Education Fund (LEEF) Grant, LI-COR, Inc. (Co-PI with Dr. Ross Koning).
- 2008-09** Herbivore and phonological differences among native and exotic plants in Connecticut forests. CSU Faculty Research Grant.
- Are differences in lignin content responsible for herbivore feeding on native and exotic reed grasses? ECSU Faculty/Student Collaborative Research Matching Grant.
- 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.

\* with student co-authors

**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.

**PROFESSIONAL MEMBERSHIPS/ACTIVITIES**

Ecological Society of America, Society for Conservation Biology, 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; 19 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 Annual Meeting, 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