

STUDENT PRESENTATIONS FROM THE BURKS LAB

NATIONAL OR INTERNATIONAL CONFERENCE PRESENTATIONS -

Category 1: INVITED PAPERS OR SPECIAL SESSIONS (denotes undergraduate author, oral presentation unless otherwise noted, underline represents author if not R. Burks)*

1. Burks, R. L., M. A. Barnes, J. Hand, A. K. Youens* and S. A. Hensley*. August 2007. Bad Eggs: An investigation of how natural variability, submersion, and predation may act together to determine the fate of eggs laid by exotic applesnails, *Pomacea insularum*. Oral presentation, Special Session "Ecology and Ecotoxicology of Invasive Species in Inland Waters," 30th Congress of the International Association of Theoretical and Applied Limnology.
2. Burks, R. L., B. B. Boland*, M. A. Barnes*, M. Meerhoff, C. Fosalba and N. Mazzeo. May 2006. The Tale of Two Snails: Comparing and contrasting the ecological roles of a natural versus exotic population of *Pomacea*. Oral Presentation in Applesnail Session. International Conference on Aquatic Invasive Species, Key Biscayne, FL.
3. Hill, A.E.* and R. L. Burks. February 2005. What doesn't kill you...may give cues to survival: N vs. P pesticides uniquely impact reproduction in *Daphnia magna* at different scales. American Society of Limnology and Oceanography (ASLO) Aquatic Sciences Meeting. Poster Presentation in Special Session in Undergraduate Research. Salt Lake City, UT.
4. Burks, R. L., A. C. Haines*, and D. M. Lodge. June 2002. Do littoral and pelagic zones 'smell' different? Daphnid behavioral responses to chemical cues from whole lake zones, macrophytes and multiple predators. Poster Presentation in Special Session: Habitat Coupling. ASLO. Victoria, British Columbia.

Category 2: CONTRIBUTED PAPERS AT NATIONAL OR REGIONAL CONFERENCE (denotes undergraduate author, underline indicates presenting author)*

1. Hensley, S.*, C. H. Kyle*, J. P. McDonough* and R. L. Burks. March 2008. Small snails grow up fast: Feeding preferences, habitat choice and growth of juvenile applesnails (*Pomacea insularum*) in the presence of *Procambarus clarkii*. Oral Presentation, Texas Academy of Science, Corpus Christi, Texas.
2. Kyle, C. H.*, J. P. McDonough and R. L. Burks. March 2008. Location, Location, Location: Laboratory experiment shows invasive *P. insularum* chose elephant ear as oviposition sites. Oral Presentation, Texas Academy of Science, Corpus Christi, Texas.
3. McDonough, J. P.*, C. H. Kyle and R. L. Burks. March 2008. Pink Eggs and Snails: Comparison of field and lab oviposition behavior in *Pomacea insularum*. Oral Presentation, Texas Academy of Science, Corpus Christi, Texas.
4. Youens, A. K.*, B. B. Boland* and R. L. Burks. March 2007. Growing at a Snail's Pace: Negative impacts of salinity and high density on growth measures of *Pomacea insularum*. Oral Presentation, Texas Academy of Science, Waco, Texas.
5. Boland, B. B.*, A. K. Youens*, M. Meerhoff, C. Fosalba, N. Mazzeo and R. L. Burks. March 2007. Juvenile Snails, Adult Appetites: Contrasting resource consumption between two species of applesnails. Oral Presentation, Texas Academy of Science, Waco, Texas.
6. Barnes, M. A.*, A. K. Youens*, S. A. Hensley* and R. L. Burks. 2007. In Too Deep: Egg clutch water exposure may suppress hatching and increase conspecific

predation of eggs in the potentially invasive applesnail, *Pomacea insularum*. Oral Presentation, Texas Academy of Science, Waco, Texas.

7. **Barnes, M.A.***, B. B. Boland*, M. Meerhoff, C. Fosalba, N. Mazzeo, and R. L. Burks. June 2006. That's the way the egg hatches: Determining patterns in egg size, clutch variability, and hatchling emergence in an exotic versus native population of applesnails. Poster Presentation, North American Benthological Society, Anchorage, AK.
8. **Boland, B.***, M. Meerhoff, C. Fosalba, N. Mazzeo, and R. Burks. June 2006. Distinct palettes: feeding preferences between native and exotic applesnail populations and the implications for invasion. Poster Presentation, North American Benthological Society, Anchorage, AK.
9. **Boland, B.***, M. Meerhoff, C. Fosalba, N. Mazzeo, and R. Burks. March 2006. Distinct palettes: Feeding preferences between native and exotic applesnail populations. Oral Presentation, Texas Academy of Science, Beaumont, TX.
10. **Barnes, M. A.*** and R. L. Burks. March 2006. The Snail or the Egg? Early life history factors contribute to invasive success of applesnails. Oral Presentation, Texas Academy of Science, Beaumont, TX.
11. **Marfurt, R. K.***, **B. Boland***, and R. L. Burks. June 2005. Life history variation in invading applesnails (*Pomacea canaliculata*) may pose ecological threat to wetlands. Poster Presentation at North American Benthological Meeting, New Orleans, LA.
12. **Marfurt, R. K.*** and R. L. Burks. May 2005. Invaders from the South: Ecology of the Channeled Applesnail. Poster Presentation at Freshwater Mollusk Conservation Society Meeting, St. Paul, MN.
13. **Marfurt, R. K.*** and R. L. Burks. February 2005. Invaders from the South: Ecology of the Channeled Applesnail. Oral presentation for Associated Colleges of the South Environmental Summit, Atlanta, GA.
14. **Haines, A. C.***, R. L. Burks and D. M. Lodge. June 2001. Impact of chemical cues from odonates fed different diets on daphnid growth and reproduction. Poster Presentation, NABS, La Crosse, Wisconsin.

CATEGORY 3: ON-CAMPUS PRESENTATIONS (bold = undergraduate presenter)

1. **J. P. McDonough***, **C. H. Kyle***, and R. L. Burks. July 2007. The Flow of Research: in Aquatic Ecology: How ecologists reach a research question. Poster presentation. Southwestern Undergraduate Research Group Experiences (SURGE) Banquet.
2. **Kyle, C. H.***, **J. P. McDonough*** and R. L. Burks. July 2007. Pink Eggs and Snails: Oviposition behavior in *Pomacea insularum*. Poster presentation. Southwestern Undergraduate Research Group Experiences (SURGE) Banquet.
3. **Boland, B. B.*** and R. L. Burks. April 2007. A World Apart. Biology Oral Capstone Presentation, Biology Seminar Series.
4. **Youens, A. K.*** and R. L. Burks. April 2007. Moving to Houston: The exotic invasive applesnail *Pomacea insularum*. Biology Oral Capstone Presentation, Biology Seminar Series.
5. **Youens, A. K.***, B. B. Boland* and R. L. Burks. July 2006. Growing at a Snail's Pace: Negative impacts of salinity and high density on growth measures of *P. insularum*. Poster Presentation. SU Biology Summer Research Program Banquet.
6. **Boland, B. B.***, A. K. Youens* and R. L. Burks. July 2006. Dinner for two, but hold the salt: Resource assimilation by juvenile *P. insularum* changes under salinity and

density stressors. Poster Presentation. SU Biology Summer Research Program Banquet.

7. **Barnes, M. A.*** and R. L. Burks. April 2006. The Snail or the Egg? Early life history factors contribute to invasive success of applesnails. Oral Presentation, SU Undergraduate Research and Creative Works Symposium.
8. **Boland, B.***, Meerhoff, M., Fosalba, C., Mazzeo, N., and R. Burks. April 2006. Distinct palettes: Feeding preferences between native and exotic applesnail populations. Oral Presentation, SU Undergraduate Research and Creative Works Symposium.
9. **Burks, R. L.**, **M. A. Barnes*** and **B. B. Boland***. April 11th 2006. A Tale of Two Snails: Collaborative research experiences with applesnails. Board of Visitors.
10. **Burks, R. L.**, M. A. Barnes* and **B. B. Boland***. February 2006. A Tale of Two Snails and Two Biologists: Insights gained by studying Texas and Uruguayan populations of applesnails. Biology Seminar Series.
11. **Barnes, M. A.*** and R. L. Burks. July 2005. Growth under Pressure: Effects of predator cues on egg clutch efficiency and hatchling growth of the Channeled Applesnail, *Pomacea "canaliculata."* SU Biology Summer Research Program.
12. **Boland, B. B.*** and R. L. Burks. July 2005. Getting it to "Gel": Developing field and laboratory assay methods to investigate invasive channeled applesnails. Poster Presentation. SU Biology Summer Research Program Banquet.
13. **Marfurt, R. K.*** and R. L. Burks. April 2005. Abiotic and biotic influences on the life history of the Channeled Applesnail (*Pomacea canaliculata*). Oral Presentation. SU Undergraduate Research and Creative Works Symposium.
14. **Hill, A. E.*** and R. L. Burks. April 2005. What doesn't kill you...may give cues to survival: N vs. P pesticides uniquely impact reproduction in *Daphnia magna* at different scales. Poster Presentation. SU Undergraduate Research and Creative Works Symposium.