

Heather Bird Jackson

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EDUCATION

- Louisiana State University, Baton Rouge, LA*
Ph.D. Biological Sciences. *The dispersal behavior of a saproxylic beetle.* **2004-present**
Advisor: James T. Cronin
- Brigham Young University, Provo, UT*
M.S. Integrative Biology. Distribution of chemistry and sexual fecundity in *Xanthoparmelia cumberlandia* and *Xanthoparmelia coloradoënsis*, on Boulder Mountain, Aquarius Plateau, UT. Advisor: Larry St. Clair **2003-2004**
- Brigham Young University, Provo, UT*
B.S. Biology Composite Teaching **1996-2001**
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PEER REVIEWED PUBLICATIONS

- Jackson, H.B., K. Baum, T. Robert, J.T. Cronin. 2009. Habitat-specific movement and edge-mediated behavior of a saproxylic insect, *Odontotaenius disjunctus* (Coleoptera: Passalidae). *Environmental Entomology* 38(5): 1411-1422.
- Haynes, K., F. Dilleuth, B. Anderson, A. Hakes, H. Jackson, E. Jackson, J. Cronin. 2007. Landscape context outweighs local habitat quality in its effects on herbivore dispersal and distribution. *Oecologia*. 151: 431-441.
- Jackson, H.B., L.L. St. Clair, D. Eggett. 2006. Size is not a reliable measure of sexual fecundity in two species of lichenized fungi. *The Bryologist* 109 (2):157-165.
- Jackson, H.B., S.D. Leavitt, T. Krebs, and L.L. St. Clair. 2005. Lichen flora of the eastern Mojave Desert: Blackrock Arizona, Mojave County, Arizona, USA. *Evansia* 22 (1): 30-38.
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PEDAGOGICAL EXPERIENCE

- Louisiana State University, Baton Rouge, LA*
Principles of Ecology Instructor **2009**
- Museum of Natural Science, Louisiana State University, Baton Rouge, LA*
Education Curatorial Assistant **2008-present**
- Louisiana State University, Baton Rouge, LA*
Ecology Teaching Assistant **2005**
- Brigham Young University, Provo, UT*
Introductory Biology Teaching Assistant **2004**
- Wasatch Mountain Junior High School, Wasatch School District, UT*
Eighth Grade Integrated Science Educator **2002-2003**
- Sunset Middle School, St. Vrain Valley School District, Longmont, CO*
Sixth Grade Science Educator **2001-2002**
- Orem Junior High School, Alpine School District, Orem, UT*
Ninth Grade Earth Systems Educator **2000-2001**
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GRANTS AND AWARDS

Sigma Xi Grant in Aid of Research	2008
Theodore Roosevelt Memorial Grant	2008
Sigma Xi Grant in Aid of Research	2006
Board of Regents Graduate Fellowship, Louisiana State University	2004-2008
National Merit Scholarship, Brigham Young University	1996-2000
Robert C. Byrd Honors Scholarship	1996-2000

PRESENTATIONS AND OTHER PUBLICATIONS

- Jackson, H.B. 2009. Spatial ecology of a dead-wood inhabiting beetle. Ecological Society of America meeting, Albuquerque, NM, USA.
- Jackson, H.B. 2008. The relative influence of conspecific and habitat cues on habitat selection in a passalid beetle. Ecological Society of America meeting, Milwaukee, WI, USA.
- Jackson, H.B. 2007. Horned passalus (*Odontotaenius disjunctus*) distribution at multiple scales. Entomological Society of America meeting, San Diego, CA, USA.
- Jackson, H.B. 2006. Contrary to expectations, beetle movements are more linear when in suitable habitat. Ecological Society of America meeting, Memphis, TN, USA.
- Jackson, H.B. 2005. What good are they? The case for lichens. Borrowed Earth 4:109-127.
- Jackson, H.B. and L.L. St. Clair. 2005. Geographic parthenogenesis in a lichenized-fungus: implications for measuring fitness. Society for the Study of Evolution meeting, University of Alaska, Fairbanks, AK, USA.
- Jackson, H.B. and L.L. St. Clair. 2004. Can size be used as an easy measure of sexual fecundity in *Xanthoparmelia cumberlandia*? Botanical Society of America meeting, Snow Bird, UT, USA.
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MEMBERSHIPS

Ecological Society of America; Entomological Society of America

PROFESSIONAL SERVICE

- 2009 – Reviewer for Journal of Applied Ecology; Educational vendor at Zippity Zoo Days, Baton Rouge Zoo; Judge at Louisiana Science & Engineering Fair
- 2008 – Reviewer for Landscape Ecology; Judge at Louisiana Science & Engineering Fair; Featured speaker at Louisiana State University Museum of Natural Science Special Saturday
- 2007 – Judge at Louisiana Science & Engineering Fair; Fundraising Co-Chair – BioGrads
- 2006 – Judge at Louisiana Science & Engineering Fair
- 2005 – Judge at Louisiana Science & Engineering Fair
- 2004 – Guest speaker for secondary biology classes – University Laboratory School