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EDUCATION

2006 - present PhD student, University of Tennessee
2001 - 2004 BS, McGill University

PUBLICATIONS

Lessard JP, Sackett TE, Reynolds WN, Fowler DA, Sanders NJ. Determinants of the detrital arthropod community structure: the effects of temperature, resources, and environmental gradients. *Oikos* (in revision)

Weiser MD, Sanders NJ, Agosti D, Ellison AM, Fisher BL, Gibb H, Gotelli NJ, Gove AD, Guenard B, Janda M, Kaspari M, **Lessard JP**, Longino JT, Majer JD, Menke SB, McGlynn TP, Parr CL, Philpott SM, Retana J, Suarez A, Vasconcelos HL, Yanoviak SP, Dunn RR. Ant diversity on the ground and in the canopy: Do similar patterns imply similar climatic drivers? *Biology Letters* (accepted)

Genung MA, **Lessard JP**, Brown CB, Bunn WA, Cregger MA, Reynolds WN, Felker-Quinn E, Stevenson ML, Hartley AS, Crutsinger GM, Schweitzer JA, Bailey JK. 2010. Non-Additive Effects of Genotypic Diversity Increase Floral Abundance and Abundance of Floral Visitors. *PLoS ONE* 5(1): e8711.

Lessard JP, Fordyce JM, Gotelli NJ, Sanders NJ. 2009. Invasive ants alter the phylogenetic structure of native communities. *Ecology* 90 (10): 2664-2669.

Dunn RR, Agosti D, Andersen AN, Bruhl CA, Cerda X, Ellison AM, Fisher BL, Fitzpatrick MC, Gibb H, Gotelli NJ, Gove AD, Guenard B, Janda M, Kaspari M, Laurent EJ, **Lessard JP**, Longino JT, Majer JD, Menke SB, McGlynn TP, Parr CL, Philpott SM, Pfeiffer M, Retana J, Suarez AV, Vasconcelos HL, Weiser MD, and Sanders NJ. 2009. Climatic drivers of hemispheric asymmetry in global patterns of ant species richness. *Ecology Letters* 12: 324-333

Lessard JP, Dunn RR, Sanders NJ. 2009. Temperature-mediated coexistence in forest ant communities. *Insectes Sociaux* 56 (2): 149-156.

Sanders NJ, **Lessard JP**, Dunn RR, Fitzpatrick MC. 2007. Temperature, but not productivity or geometry, predicts elevational diversity gradients in ants across spatial grains. *Global Ecology and Biogeography* 16: 640-649.

Davidson DW, **Lessard JP**, Bernau CR, Cook SC. 2007. Tropical ant mosaic in a primary Bornean Rain Forest. *Biotropica* 39: 468-475.

Lessard JP, Dunn RR, Sanders NJ. 2007. Rarity and diversity in forest assemblages of the Great Smoky Mountain National Park. *Southeastern Naturalist*. Special Issue 1 :215-228.

Dunn RR, Sanders NJ, Fitzpatrick MC, Laurent E, **Lessard JP**, et al. 2007. Global Ant Biodiversity and Biogeography - A New Database and its Possibilities. *Myrmecological News* 10: 77-83.

Lessard JP, Buddle CM. 2005. The effects of urbanization on ant assemblages (Hymenoptera:Formicidae) associated with the Molson Nature Reserve, Quebec. *Canadian Entomologist* 137: 215-225.

ORAL PRESENTATIONS

2009 – *Ecological Society of America* annual meeting. Regional and local drivers of ant community structure. Albuquerque, NM.

2009 - *International Biogeography Society* biennial meeting. Regional and local drivers of ant community structure. Merida, Mexico.

2008 - *Smokies Science Colloquium*. Using Mountains as Natural Experiments: Resource Availability and Microclimate Interact to Shape Ant Communities Along an Elevational Gradient. Gatlinburg, TN.

2008 - *Oak Ridge National Laboratory (Invited speaker)*. Invasive ants disrupt the phylogenetic structure of native communities. Oak Ridge, TN.

2007 - *Graduate students interview symposium*. Understanding ant diversity: positive interactions in a tropical rainforest ant community. UTK, TN.

2006- *Discover Life in America, ATBI annual conference*. Rarity and diversity in forest ant assemblages of the Great Smoky Mountains National Park. Gatlinburg, TN.

2005, 2006 - *Southern Appalachian Conference on Arthropod Biology*. Elevational gradient in ant diversity at multiple spatial scales, Asheville, NC.

*GRANTS***2009 – NSF Doctoral Dissertation Improvement Grant**

2008 – Thelma (Doc) Howell Memorial Scholar scholarship (DECLINED)

2008 – 2011 - NSERC Postgraduate Scholarships

2007 –2008 - NSERC Postgraduate Scholarships

2007 – 2010 - FQRNT Doctoral Research Scholarship (DECLINED)

2007, 2008, 2009 - EEB UTK Summer Research

AWARDS

2010 – Award for an Outstanding Paper by a graduate student in EEB – UTK

2009 – SAA for Outstanding Scholarly Achievement by a graduate student – UTK

2009 – International Biogeography Society student travel award

2008 – Merit award EEB – UTK

2008 – Graduate Travel award EEB – UTK

2004 – Entomological Society of Canada student travel award

TEACHING EXPERIENCE

Teaching Assistant – Spring 2010 – BIO130 *Biodiversity* – UTK

Teaching Assistant – Fall 2008 – BIO250 *General Ecology* – UTK

Lecturer (1) – Conservation Genetics – EEB484 *Conservation Biology* – UTK

Teaching Assistant – Spring 2008 – EEB484 *Conservation Biology* – UTK

Lecturer (2) – Null Models in Ecology – EEB421 *Community Ecology* – UTK

Teaching Assistant – Spring 2007 – EEB421 *Community Ecology* – UTK

Teaching Assistant – Fall 2006 – BIO130 *Biodiversity* – UTK

REVIEWER

Ecology – Oecologia – Oikos – Ecography - Diversity and Distributions – Biological
Invasions - Insectes Sociaux – Journal of Arid Environments

REFERENCES

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