

2016 Curriculum Vitae



NAME: Jason J. Dombroskie
DEPARTMENT/UNIT: Entomology
TITLE: Senior Extension Associate
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Education

- **Ph.D.** Dept. of Biological Sciences, University of Alberta; March 2011; Thesis: “Aspects of Archipine Evolution (Lepidoptera: Tortricidae)”
- **B.Sc. Hon.** Biological Sciences, University of Guelph; April 2004

Academic Research

My main interests are in the systematics of the tribe Archipini (Tortricidae) in the New World, the family Tortricidae in North America, and general insect biodiversity in New York State.

Committees

- Elected graduate student representative for the University of Alberta Museums Management and Policy Planning Committee, 2008-2010
- Organizing committee for the 6th International Congress on the Biology of Butterflies 2010 in Edmonton, Alberta
- Committee on the Status of Endangered Wildlife in Canada, Arthropod Specialist Subcommittee, 2012-2015

Teaching Experience

- BIO 108 Introductory Biology (TA)
2006
- ENT 220 Introductory Entomology (TA)
2006

- ENT 380 Forest Entomology (TA)
2007-2010
- ENT 427/527 Terrestrial Arthropod Diversity (TA)
2007-2010
- Resource Room (help for 1st & 2nd year biology students)(TA)
2007-2011
- Lepidoptera Course, SW Research Sta, AZ
2012
- ENTOM 3340 Tropical Field Entomology, La Selva, Costa Rica (instructor)
2015

Extension Publications and Presentations (last five years)

	2015	2014	2013	2012	2011	Median
# Extension Publications	2	3	2	2	N/A	2
# Extension Presentations	7	12	11	6	N/A	9
Total contact hours	870	1945	1032.5	700	N/A	951.25

Publications

Brown, B., M. E. Zuefle, & **J. J. Dombroskie**. Effects of host species and twig diameter on oak twig pruner *Anelaphus parallelus* (Newman) (Coleoptera: Cerambycidae) emergence rates. *In press*.

St. Laurent, R. A. & **J. J. Dombroskie**. 2016. Revision of the genus *Menevia* Schaus, 1928 (Lepidoptera, Mimallonoidea, Mimallonidae). *ZooKeys* 556:31-116.

Dombroskie, J. J. 2015. Book Review: *Eucosma* Hübner of the Contiguous United States and Canada (Lepidoptera: Tortricidae: Eucosmini). *News Lepid. Soc.* 57:204.

St. Laurent, R. A. & **J. J. Dombroskie**. 2015. A revision of the genus *Eadmuna* Schaus, 1928 (Lepidoptera, Mimallonidae) with a description of a new species from French Guiana. *ZooKeys* 494:51-68.

Gilbert, K. J., T. J. Fahey, J. C. Maerz, R. E. Sherman, P. Bohlen, **J. J. Dombroskie**, P. M. Groffman, J. B. Yavitt. 2014. Exploring carbon flow through the root channel in a temperate forest soil food web. *Soil Biol. Biochem.* 76:45-52.

Dombroskie, J. J. 2014. Book Review: *Lepidoptera Conservation in a Changing World*. *Quart. Rev. Biol.* 89:188-189.

Anzaldo, S. S., **J. J. Dombroskie**, & J. W. Brown. 2014. Morphological variation, taxonomic distribution, and phylogenetic significance of *cornuti* in Tortricinae (Lepidoptera: Tortricidae). *Proc. Entomol. Soc. Wash.* 116:1-31.

Jaeger, C. M., **J. J. Dombroskie**, & F. A. H. Sperling. 2013. Delimitation of *Phaneta tarandana* (Möschler 1874) and *P. montana* (Walsingham 1884) (Tortricidae: Olethreutinae) in western Canada using morphology and DNA. *J. Lepid. Soc.* 67:253-262.

Dombroskie, J. J. & F. A. H. Sperling. 2013. Phylogeny of the tribe Archipini (Lepidoptera: Tortricidae: Tortricinae) and evolutionary correlates of novel secondary sexual structures. *Zootaxa* 3729:1-62.

Dombroskie, J. J. and F. A. H. Sperling. 2012. Phylogeny of Nearctic (Lepidoptera: Tortricidae), with focus on species boundaries in the *P. limitata* group. *Annals of the Entomological Society of America* 105:768-780.

Dombroskie, J. J. 2012. Book Review: *Olethreutine Moths of the Midwestern United States*. *J. Lepid. Soc.* 66:57-58.

Monsalve, S., **J. J. Dombroskie**, W. Lam, and J. W. Brown. 2011. Variation in the Female Frenulum in Tortricidae (Lepidoptera). Part 3. Tortricinae. *Proc. Entomol. Soc. Wash.* 113:335-370.

Dombroskie, J. J. 2011. A Matrix Key to Families, Subfamilies and Tribes of Lepidoptera of Canada. *Can. J. Arthropod Ident.* 17:1-129.

Dombroskie J. J., and J. W. Brown. 2009. A New Species of *Clepsis* Guenée, 1845 (Lepidoptera: Tortricidae) from the Sky Islands of Southeastern Arizona. *Proc. Entomol. Soc. Wash.* 111:769-774.

Simonsen T. J., **J. J. Dombroskie**, and G. R. Pohl. 2009. *Melitara* Walker (Pyralidae) in Western Canada: The Documentation of *M. subumbrella* (Dyar) in the Prairie Provinces Demonstrates the Value of Regional Collections and Species Lists. *J. Lepid. Soc.* 63:31-36.

Simonsen T. J., **J. J. Dombroskie**, and D. D. Lawrie. 2008. Behavioral Observations on the Dobsonfly, *Corydalus cornutus* (Megaloptera: Corydalidae) with Photographic Evidence of the Use of the Elongate Mandibles in the Male. *Am. Entomol.* 54:167-169.

Academic or Professional Presentations

- Speaker, Lepidopterists' Society Annual General Meeting, Gainesville, Florida 2006; Bakersfield, California 2007; Starksville, Mississippi 2008
- Guest lecturer in Terrestrial Arthropod Diversity class at University of Alberta, Edmonton, Alberta 2008, 2009, 2010
- Speaker at Entomological Society of Canada, Ottawa, Ontario 2008

- Invited speaker in Tortricid Phylogeny Workshop at European Congress of Lepidopterology, Cluj-Napoca, Romania 2009
- Speaker at Entomological Society of Alberta, Vermilion, Alberta 2009
- Keynote speaker for Federation of Alberta Naturalists Awards Dinner, Edmonton, Alberta 2010
- Speaker in the Systematics and Biodiversity Symposium at Canadian Society for Ecology and Evolution meeting in Banff, Alberta 2011
- Speaker at Jugatae, Cornell University, Geneva Campus 2012
- Invited speaker for Snodwigs, Cornell University, Ithaca 2012
- Invited speaker in tortricid workshop, Denver 2012
- Invited speaker for Evo-group seminar series, Cornell University, Ithaca 2012
- Webinar: Trends in Insect Diagnostics <http://vimeo.com/54970615>
- Webinar: Basic Insect Pinning (for CCE beneficial insect training) <http://vimeo.com/56253107>
- Invited speaker for NY State Arborists Annual Meeting (80)(1.5 h talk, ISA certified & 1.5 DEC certified credits), Suffern, NY 2013
- Beneficial Insect Training for CCE Master Gardener Volunteers (3 sessions) 2013
- Invited speaker for Finger Lakes Native Plant Society, Ithaca 2014
- Introductory entomology workshop for Friends of Algonquin, Algonquin Park, ON
- Light Brown Apple Moth for First Detector Training, Ithaca 2014
- Natural History of Moths of NY for National Moth Week, Ithaca 2014
- Basic entomology workshops for Master Gardener Training, various places in NY State (7 sessions) 2014
- Invited Speaker for Kingston Field Naturalists Annual Meeting, Kingston, ON, May 2015
- Basic entomology workshops for Master Gardener Training, various places in NY State (2 sessions) 2015
- Invited Speaker for Danby Moth night, Upper Buttermilk Falls SP, NY, July 2015
- Poster: “Revision of the genus *Menevia* Schaus, 1928 (Lepidoptera: Mimallonoidea: Mimallonidae) with descriptions of several new species”, Lepidopterists' Society 2015 Annual Meeting, West Lafayette, IN, July 2015
- Diurnal and nocturnal moth outings, Cornell Plantations, July 2015
- Invited presenter for moth outing, Finger Lakes Land Trust, Roy H Park Preserve, August 2015
- Entomology MGV training, Cortland, NY, February 2016
- Invited speaker on CUIC for Ithaca City Club, March 2016
- Beneficial Insects talk for Yard n’ Garden Day, Penn Yan, NY, March 2016

Workshops attended

- Bark Beetle Academy May 2014, Gainesville, FL

- Surveyed flora and fauna with heavy emphasis on Lepidoptera, Odonata, and Reptiles.
- Prepared report for park officials, including a species record database

Bioinventory Surveyor Glenside Ecological Services August 2004

- Conducted biological inventory of insects and other organisms with special emphasis on rare species in Clear Lake Provincial Nature Reserve.

Friends of Algonquin Park November 2004 to
October 2005

**Development and
Innovation Technician**

- Developed and delivered high quality educational programs to youth and adult groups.
- Supervised an intern for natural history collection maintenance and preservation.
- Acted as Group Education Coordinator from January to September, booking and delivering educational programs

Taxonomist Northern Forestry Centre, November 2011 to
Canadian Forest Service December 2011

- Identified Lepidoptera specimens from various locations in Canada, including several new to North America.
- Prepared specimens from biological inventories in Newfoundland parks.

Senior Extension Associate Department of Entomology, January 2012 to
Cornell University present

- Curated and managed the insect collection and associated loans.
- Coordinated the insect diagnostics laboratory dealing with identifications from state and federal officials.
- Conducted various outreach programs
- Supervised numerous students

Language Skills

Intermediate French
Basic Spanish
Basic Romanian