

**DAVID P. L. TOEWS, PHD.**

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**PEER-REVIEWED PUBLICATIONS**

- (13) Toews D. P. L. (*in press*) Biological species and taxonomic species: will a new null hypothesis help? (a comment on Gill 2014). *The Auk: Ornithological Advances*.
- (12) **Toews D. P. L.**, Brelsford A., and D. E. Irwin (2014) Isotopic variation across the Audubon's-myrtle warbler hybrid zone. *Journal of Evolutionary Biology* 27: 1179-1191.
- (11) **Toews D. P. L.**, Mandic M., Richards J. G., and D. E. Irwin (2014) Migration, mitochondria and the yellow-rumped warbler. *Evolution* 68: 241-255.
- (10) Ilieva M., **Toews D. P. L.**, Bensch S., Sjöholm C. and S. Åkesson (2012) Autumn migratory orientation and displacement responses of two willow warbler subspecies (*Phylloscopus trochilus trochilus* and *P. t. acredula*) in South Sweden. *Behavioural Processes* 91:2 53-261
- (9) **Toews D. P. L.** and A. Brelsford (2012) The biogeography of mitochondrial and nuclear discordance in animals. *Molecular Ecology* 16: 3907-30
- (8) **Toews D. P. L.** and Irwin D. E. (2012) Pacific Wren (*Troglodytes pacificus*). *The Birds of North America (A. Poole, Ed.)*. Ithaca: Cornell Lab of Ornithology.
- (7) Seneviratne S., **Toews D. P. L.**, Brelsford A. and D. E. Irwin (2012) Concordance of genetic and phenotypic characters across a sapsucker hybrid zone. *Journal of Avian Biology* 43: 119–130.
- (6) Safran, R., Flazman S., Kopp M., Irwin D. E., Briggs D., Evans M. R., Funk C., Gray D. A., Hebet E. A., Seddon N., Scordato E., Symes L. B., Tobias J. A., **Toews D. P. L.** and J. A. C. Uy (2012) A robust new metric of phenotypic distance to estimate and compare multiple trait differences among populations. *Current Zoology* 58: 426–439.
- (5) **Toews D. P. L.**, Brelsford A. and D. E. Irwin (2011) Hybridization between Townsend's and black-throated green warblers in an avian suture zone. *Journal of Avian Biology* 42: 434-446.
- (4) Kenyon H. L., **Toews D. P. L.** and D. E. Irwin (2011) Can song discriminate between MacGillivray's and mourning warblers in a narrow hybrid zone? *The Condor* 113: 655-663.
- (3) Milá B., **Toews D. P. L.**, Smith T. B. and R. K. Wayne (2011) A cryptic contact zone between divergent mtDNA lineages in southwestern North America supports past introgressive hybridization in the yellow-rumped warbler complex (Aves: *Dendroica coronata*). *Biological Journal of the Linnean Society* 103: 696-706.
- (2) Irwin D.E., Brelsford A., **Toews D.P.L.**, MacDonald C. and M. Phinney (2009) Extensive hybridization in a contact zone between MacGillivray's and mourning warblers (*Oporornis tolmiei* and *O. philadelphia*) detected using molecular and morphometric analyses. *Journal of Avian Biology* 40:539-552.
- (1) **Toews, D.P.L.** and D. E. Irwin (2008) Cryptic speciation in a holarctic passerine revealed by genetic and bioacoustic analyses. *Molecular Ecology* 17: 2691-2705.

**AWARDS**

09.2014 – present	NSERC Postdoctoral Fellowship (\$40,000*, NSERC)
01.2013 – 12.2014	Zoology Graduate Fellowship (\$11,000*, UBC)
09.2013	Biology Graduate Student Teaching Award (\$500, UBC)
12.2012	Presentation Award (UBC/SFU/UVic Eco/Evo Retreat)
08.2012	Student Presentation Award (\$200, Society of Canadian Ornithologists)
01.2009 – 12.2012	Four-Year Fellowship (\$18,000*, UBC)

08.2011 – 08.2012 Werner and Hildegard Hesse Fellowship in Ornithology (\$10,000\*, UBC)  
 08.2010 – 11.2010 Michal Smith Foreign Study Supplement (\$6000, NSERC)  
 05.2010 Student Choice Research Grant (\$500, Cdn. Soc. Zoologists)  
 05.2009 – 05.2011 NSERC Alexander Graham Bell C.G.S. – Doctoral (\$35,000\*, NSERC)  
 05.2009 – 08.2009 McLean Fraser Summer Research Fellowship (\$800, UBC)  
 09.2005 – 09.2007 NSERC Canadian Graduate Scholarship – Master’s (\$17,600\*, NSERC)  
 05.2007 Bill Hoar Award - Best Student Presentation (\$500, Cdn. Soc. Zoologists)  
 05.2006 Helen Battle Award for Best Student Poster (\$500, Cdn. Soc. Zoologists)  
 09.2003 – 05.2004 Dr. Hicks Scholarship in Biology (\$160, Acadia University)  
 09.2001 – 05.2002 Taylor McLellan Law Entrance Scholarship (\$1500, Acadia University)

### RESEARCH GRANTS

03.2014 – 08.2014 Dunlin Genomics Project (\$16,000, HEMMERA Env. Consulting)  
 04.2013 Taverner Research Award (\$2000, Society of Canadian Ornithologists)  
 03.2011 – 09.2012 Grants in Biodiversity (\$12,000, Alberta Conservation Association)  
 02.2011 Hesse Research Award in Ornithology (\$2000, UBC)  
 11.2010 Young Explorers Grant (\$4700, National Geographic Society)  
 05.2010 Student Choice Research Grant (\$500, Cdn. Soc. Zoologists)

### EDUCATION

09.2014 – present Cornell Lab of Ornithology – Postdoctoral Fellow  
 01.2009 – 04.2014 University of British Columbia – PhD  
 09.2005 – 09.2007 University of British Columbia – MSc  
 09.2001 – 06.2005 Acadia University – BSc (Honours)

### CONFERENCES AND INVITED PRESENTATIONS

09.2014 American Ornithologists’ Union (Oral. pres.\*, Colorado)  
 05.2014 Canadian Society of Ecology and Evolution (Oral pres., Montreal)  
 11.2012 UBC/SFU/UVic Eco/Evo Retreat (Oral pres., *awarded best talk*)  
 08.2012 North America Ornithological Conference (Oral pres., *student talk award*)  
 05.2012 Joint Congress on Evolutionary Biology (Poster, Ottawa)  
 10.2011 Canadian Migration Monitoring Meeting (Keynote\*, Naramata)  
 05.2011 Canadian Society of Ecology and Evolution (Oral pres., Banff)  
 09.2010 Centre for Animal Movement Research (Oral pres.\*, Sweden, Lund Univ.)  
 08.2009 American Ornithologists’ Union (Oral pres., Philadelphia)  
 04.2009 Partners in Flight – Western Working Group (Oral pres.\*, Penticton)  
 09.2008 Canadian Wildlife Service (Oral pres.\*, Vancouver)  
 02.2008 Keith Porter Memorial Seminar (Oral pres.\*, Acadia Univ.)  
 05.2007 Canadian Society of Zoologists (Oral pres., Montreal, *awarded best talk*)  
 05.2006 Canadian Society of Zoologists (Poster, Edmonton, *awarded best poster*)  
 04.2006 Pacific Ecology and Evolution Conference (Poster)  
 09.2004 International Blanding’s Turtle Conference (Oral pres.)

*\*Invited oral presentation*

**RELEVANT PROFESSIONAL EXPERIENCE**

- 01.2008 – present Undergraduate Supervisor (J. Heavyside, M. Khadraoui, M. Chen, H. Kenyon, C. MacDonald, J. Doung)
- 05.2012 – 08.2014 Biologist/Analyst (HEMMERA Environmental Consulting)
- 02.2008 – 05.2009 Species at Risk Recovery Planner (BI-02 Environ. Canada – CWS)
- 09.2008 – 12.2008 Tutor (Biology, Chemistry and Evolutionary Genetics, UBC)
- 09.2007 – 12.2007 Graduate Research Technician (UBC)
- 05.2005 – 09.2005 Field and Lab Research Technician (Acadia)