**Foraging and vitellogenin gene expression patterns in eusocial sweat bees using qRT-PCR**

**David Awde, Adonis Skandalis, Miriam Richards**, Brock University

*ethology, evolution, genetics, insects*

**Body size divergence is greater among sympatric species of birds in warm, but not cool, environments**

**Bothwell E., Montgomerie R., Lougheed S.C., Martin P.R**.

*ecology, evolution, birds*

**A Window Into Our Evolutionary Past: Mazon Creek Lagerstatten Siderite Concretions**

**S. Cotroneo**, Dept. of Earth Sciences, University of Toronto

*evolution*

**Plant soil feedbacks along an invasion chronosequence**

**Nicola Day**, **Kari E. Dunfield**, **Pedro M. Antunes**, Algoma University and University of Guelph

*Ecology*

**Self-organization and individual attributes influence the formation of dominance hierarchies in a group-living bird**

**Cody J. Dey**, McMaster University; **James S. Quinn**, McMaster University

*ecology, ethology, social groups, animals, birds*

**The effects of accessory proteins on sperm survivability in *Drosophila pseudoobscura***

**Caryn Dooner** & **Amanda Moehring** Western

*evolution, physiology, insects, terrestrial*

**Validation of triaxial accelerometers to measure the lying behaviour of adult domestic horses**

**Cordelie C.N. DuBois, Emily M. Zakrajsek**, **Derek. B. Haley**, and **Katrina Merkies**; University of Guelph

*ethology, animals, mammals, terrestrial*

**Do stressful conditions in early-life affect song preferences in adult female European starlings (*Sturnus vulgaris*)?**

**Tara M. Farrell**

*cognition, neuroscience, birds*

**Including ecology to particle capture mechanisms: The effects of oscillation on particle capture**

**Dori Gao**, **Josef D. Ackerman**, University of Guelph

*ecology, terrestrial, aquatic*

**Improving the power and efficiency of biodiversity assessment through the use of DNA metasystematics and next-generation sequencing**

**J. Gibson**, University of Guelph

*ecology, evolution, conservation, genetics, animals, birds, fish, insects, mammals, reptiles, plants, terrestrial, aquatic*

**Do groups really make better foraging decisions than individuals?**

**Shane Golden** and **Reuven Dukas** McMaster University

*ecology, ethology, evolution, social groups, insects, terrestrial*

**The adaptive capacity of thermal tolerance: Reintroduction of Atlantic salmon into Lake Ontario**

**Kayla J. Gradil, Chris C. Wilson, Anthony P. Farrell, and Bryan D. Neff** (Western?)

*ecology, evolution, conservation, genetics, physiology, fish, aquatic*

**Role of varroa mites to transfer honey bee viruses and their control strategies**

**Hamiduzzaman, M.M.**

*insects*

**The interactive effect of nutrient enrichment and habitat destruction on consumer-resource alpha and beta-diversity across habitat sizes.**

**Eric Harvey, Andrew MacDougall**

*ecology, conservation, insects, plants, terrestrial*

**Ring the alarm: behavioural manipulation of sea lamprey populations with damage-released alarm cues and predator cues**

**István Imre**, **Grant E. Brown**, **Nicholas S. Johnson**

*ecology, ethology, fish, aquatic*

**Can globally noxious species be controlled?: some insights from southern Brazil**

**R. Leon Cordero**

**How do interactions drive productivity in diverse crop fields?**

**(Lin), Liette Vasseur**

*ecology, evolution*

**(TITLE)**

**CS Mesher** and **JD Ackerman**

*ecology, conservation, animals, fish, aquatic*

HVC is activated by the production of the gargle call in the black-capped chickadee (*Poecile atricapillus*)

**Shannon K. Mischler**

*neuroscience, psychology, birds*

**Turtles with teeth: Tomiodont morphology and functional significance in the Painted Turtle (*Chrysemys picta*)**

**Patrick D. Moldowan**

*ecology, ethology, evolution, animals, reptiles*

**Describing a group of Chilean bees, *Chilicola* (*Heteroediscelis*)**

**S.K. Monckton** (York University)

*evolution, insects*

**Food and Oviposition Preference of Diamondback Moth**

**Kiera Newman and L. Vasseur,** Brock University

*ecology*

**A phylogenetic analysis of gynodioecy and its correlates in the flowering plants**

**Kate Eisen**, **Andrea L. Case**, **Christina M. Caruso**

*ecology, evolution, genetics, plants, terrestrial*

**The evolution of sociality: Differences in molecular pathways between social and non-social cichlids**

**Constance O’Connor** (McMaster)

*ecology, ethology, evolution, physiology, social groups, animals, fish, aquatic*

**The Nettle in the Hay Stack: Tracking pollen abundance to locate small plant populations**

**Rebecca J. Parker**, **Lesley G. Campbell**, **Eric De Noronha Vaz** (Ryerson University?)

*ecology, conservation, plants, terrestrial*

**Effects of climate change on Canada lynx at their southern edge**

**Michael J. L. Peers**, Trent University

*ecology, conservation, mammals, terrestrial*

**Sex differences in myelination of the song control system**

**Adam Piraino**, Western University

*ethology, neuroscience, animals, birds*

**Wound healing in the wing membrane of the Cuban big fruit-eating bat (*Artibeus jamaicensis*)**

**Tyler Pollock**, Department of Psychology, Neuroscience, and Behaviour, McMaster University

*ethology, evolution, physiology, animals, mammals*

**Brain levels of isotocin and vasotocin are related to status and social behaviour in a cooperatively breeding cichlid fish**

**Adam R. Reddon**, McGill University

*ethology, evolution, neuroscience, physiology, social groups, animals, fish, aquatic*

**The mechanisms of frequency-dependent selection in gynodioecious *Lobelia siphilitica***

**L. Ruth Rivkin**

*ecology, evolution, plants, terrestrial*

**Skepticism of the Predictive value of Cooperative Acts**

**Amanda M. Rotella**

*evolution, social groups, humans*

**Elevation and phylogenetic diversity on neotropical arthropods**

**M. Alex Smith**

*ecology, evolution, conservation, genetics, insects, terrestrial*

**Using flow cytometry to access the genetic and environmental factors influencing unreduced gamete production in *Brassica***

**Dylan Sora**, **Brian Husband**; University of Guelph

*ecology, evolution, plants*

**Problem Solving in Bumblebees**

**Caroline Strang** & **David Sherry**, University of Western Ontario

*ethology, cognition, psychology, animals, insects*

**Effects of Biomass Cropping Systems on Soil Denitrifier Community Abundance in Ontario Soils**

**Thompson, Karen**

*ecology, terrestrial*

**Predator decision-making and the evolution of imperfect Batesian mimicry**

**Kevin R. Abbott**\* and **Thomas N. Sherratt**

*ecology, evolution, cognition, psychology, animals*

**Having a ball: mink given simple environmental enrichments are calmer and more fertile**

**Georgia Mason** (APS, UoGuelph) and **Rebeccca Meagher** (UBC)

*ethology, conservation, welfare, mammals*