

NEWS



In new research, Dr. Thomas Onuferko, Canadian Museum of Nature and Dr. Laurence Packer, York University, have found that a mystery bee collected in the 1870s, named *Brachymelecta californica* is actually just an unusual specimen. This discovery has now led to the reclassification of the 5 species in the *Xeromelecta* genus as *Brachymelecta*!

Read the full press release [here](#) and watch the YouTube video that features this discovery!

PROJECT & ASSOCIATE FEATURE

We want to welcome Dr. Elizabeth Clare! As of July, Beth will be joining YorkU's Biology Dept. as Assistant Professor.

"My research group works to measure biodiversity at all levels from molecular evolution to ecosystem function and food web structure. We develop and employ novel genomic techniques to identify species and the connections between trophic levels. We have reconstructed food webs in both tropical and temperate systems to investigate ecosystem functioning and implications for conservation. We work with frugivores, insectivores and pollinators in both temperate and tropical environments in many countries including Canada, the US, Jamaica, Costa Rica, Belize, Malaysia and the UK."



Dr. Elizabeth Clare

Visit Beth's website (<https://www.yorku.ca/professor/eclare/>) to find out more about her lab or check out this video on her most recent publication on [collecting airDNA](#) and the potential of this work for monitoring biodiversity!

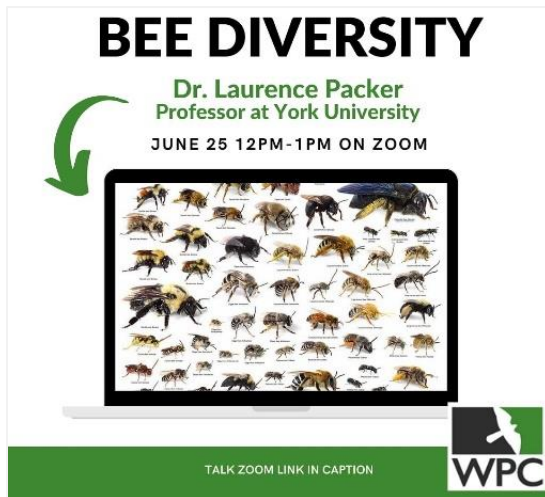
Centre for Bee Ecology, Evolution and Conservation

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EVENTS

June 25 @ 12-1pm

Wildlife Preservation Canada is hosting an event during pollinator week with Dr. Laurence Packer! Click on the image below to join the Zoom:



BEYOND THE BUZZ

Examining Bees Through an Interdisciplinary Lens

A limited speaker series presented by:

Centre for Bee Ecology, Evolution & Conservation

Bees, People, Science, & Others

Kathleen Law
Integrated Conservation Manager, Pollinator Partnership Canada

Dr. Clement Kent
Adjunct Professor, York University

How can we promote a virtuous circle in which bees, people, the science of their mutual impacts, and all the other parts of restoring damaged ecosystems to save the world can interact positively? Bee science, although essential, is only one part of the challenge. People are complex, ecosystems more complex, and the reducing the damage people do to ecosystems is not just complex but also urgent. In this talk I'll delve into how a subversively misnamed effort, Project Swallowtail, has tried to engage with this complexity both within academia and outside.

JULY 9TH, 2021 @ 11:00AM-12:30PM

Register at www.yorku.ca/bees/speaker-series

July 9th @ 11:00-12:30 pm

Join Clement Kent and Kathleen Law for their discussion on mitigating the damage to wild bee populations (Join the event [here](#) or view the recording on our [YouTube channel](#))

OPPORTUNITIES

Wild Bee Behavioural Genomics and Molecular Ecology Positions (1 postdoc + 1 technician)

- The Rehan Lab (www.rehanlab.com) is hiring 2 positions to study behavioural genomics and molecular ecology of wild bees. The Rehan lab is a collaborative group of researchers, staff, and students focusing on bee behaviour, ecology, and evolution. We are located at York University in Toronto, Canada. The candidates will join a vibrant team of integrative biologists passionate about social evolution and wildlife conservation. To find out more about these opportunities, please [click here](#)!

NEW PUBLICATIONS

Onuferko, T. M., Packer, L., & Genaro, J. A. (2021). *Brachymelecta* Linsley, 1939, previously the rarest North American bee genus, was described from an aberrant specimen and is the senior synonym for *Xeromelecta* Linsley, 1939. *European Journal of Taxonomy*, 754, 1–51. <https://doi.org/10.5852/ejt.2021.754.1393>

