

A close-up photograph of a large number of bees, likely bumblebees, clustered together on a yellow honeycomb structure. The bees are in various positions, some facing the camera and others with their backs to it. The honeycomb cells are filled with a yellow substance, possibly nectar or honey. The overall scene is a busy, naturalistic depiction of bee activity.

BeeCon4 2015

Alexander

Welcome to the 4th Southern Ontario Bee Researchers Symposium! The event, dubbed BeeCon by its organizers, is hosted this year at York University. BeeCon is free and provides an opportunity for local melittologists, and students in particular, to network. Presentations will cover a wide range of bee-related topics, with many of this year's talks focussing on bee behaviour and conservation.

This year's BeeCon was organized by Brock Harpur and Laurence Packer with the help of Baharak Salehi, and Thomas Onuferko

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The Office of the Vice President, Research & Innovation (VPRI)
York University Faculty of Science
Pollinator Partnership
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May 12th, 2015

9:30 9:45 Welcome and coffee – Stedman Lecture Hall B			
		Presenter* and additional authors	Title
9:45	10:00	Sheila Colla*, Rich Hatfield Leif Richardson, and Sarina Jepsen	Identifying Species At-Risk: Results of IUCN Red List assessments for the Bumble Bees of North America
10:00	10:15	Margarita Miklasevskaja	Fluctuating Asymmetry in an Extreme Morphological Adaptation in <i>Xeromelissa rozeni</i> (Toro & Moldenke) (Hymenoptera: Colletidae).
10:15	10:30	Sidra H. Satti	Assessing bee taxa corresponding to elevation gradients in the Atacama Desert
10:30	10:45	Laurence Packer	Long tongues, short tongues and the biogeography of some bees
10:45	11:00	Robert Minckley	Bee species richness of an endangered pollination system based on endangered research time
11:00	11:15	Coffee Break	
11:15	11:30	Mariya Cheryomina*, Sheila Colla, Laurence Packer, and Bridget Stutchbury	Bumble bee declines - what is to blame?
11:30	11:45	Tom Onuferko*, Rodrigo León Cordero, and Miriam H. Richards	A decline in the abundance and diversity of a bee community in St. Catharines - A ten-year study
11:45	12:00	Alana Pindar*, Emma Mullen, Melissa Tonge, Ernesto Guzman, and Nigel Raine	Current Status of Honey Bee and Wild Pollinator Health in Ontario
12:00	12:15	Matt Betti*, Qasim Ali, Lindi M. Wahl, and Mair Zamir	Honey Bee Population Dynamics in the Presence of Infection
12:15	12:30	Nigel E Raine* and Dara A Stanley	Investigating sublethal pesticide effects on bumblebee foraging and pollination services.
12:30	1:45	Lunch	
1:45	2:00	Victoria Wojcik	What's better for the bees? A comparison of cost-share conservation approaches in the US.
2:00	2:15	Clement Kent*, Amro Zayed, and Karen Kapheim	Why do advanced eusocial insects have such high recombination rates?
2:15	2:30	Miriam H. Richards*, Jess L. Vickruck, Andreea Botezatu, Gary Pickering	Do hydrocarbon profiles of eastern carpenter bees provide genetic information?
2:30	2:45	Scott MacIvor	Sampling using bee hotels: A century of design and research motivations
2:45	3:00	Rafael Rodrigues Ferrari	Phylogeny of the orchid-bee genus <i>Euglossa</i> Latr. (Apidae: Euglossini), with emphasis on the subgenera <i>Glossura</i> Cock. and <i>Glossuropoda</i> Moure
3:00	3:15	Coffee Break	
3:15	3:30	Jess L. Vickruck* and Miriam H. Richards	Behavioural interactions of pre-reproductive eastern carpenter bees: What is going on in the nest?
3:30	3:45	Justin R. Croft*, Alison L. Camiletti, and Graham J. Thompson	Behavioural and neuronal response to social pheromones in a non-social fly.
3:45	4:00	Nadejda Tsvetkov*, Bahar Madani, Lior Krimus, Philip Maciukiewicz, Suzanne MacDonald, and Amro Zayed	cGMP Affects Spatial Memory, But Not Learning in the Honey Bee <i>Apis mellifera</i> : New Assay
4:00	4:15	David Awde* and Miriam H. Richards	Geographic variation in social organization and annual variation in foraging phenology in a primitively eusocial sweat bee
4:15	4:30	Brock Harpur* and Amro Zayed	Assessing Patterns of Admixture and Ancestry in Canadian Honey Bees

An evening reception will be held at Laurence Packer's house (Walking distance from Dufferin Station, address TBA)