Centre for Bee Ecology, Evolution and Conservation

July 2024 Monthly Newsletter

News, Events, Publications, and More: www.yorku.ca/bees/

BEEc NEWS

Submit your Abstracts and Register Now for BeeCon 2024!

BeeCon returns October 17-18, 2024, with virtual presentations on Thursday and in-person ones (also streamed via Zoom) at York University on Friday. The call for abstracts is now open at https://www.yorku.ca/bees/beecon-proposals/. The deadline to submit your proposal is August 2, 2023.



Registration is also now open, the deadline to register is September 30, 2024. For more information, click here.

Congratulations to Dr. Sandra Rehan!

Dr. Rehan was awarded a Tier II York Research Chair in Molecular Ecology and Behavioural Genetics! She will employ advanced DNA technology to investigate bee behaviour and genetics. Read more about Dr. Rehan and other York Research Chairs here. Dr. Rehan will also be the new Director of BEEc, we look forward to her guidance and leadership over the coming years!

NEW PUBLICATIONS

McAfee A, **French SK**, **Wizenberg SB**, **Newburn LR**, **Tsvetkov N**, Higo H, Common J, Pernal SF, Giovenazzo P, Hoover SE, Guzman-Novoa E, Currie RW, Veiga PW, **Conflitti IM**, **Pepinelli M**, Tran L, **Zayed A**, Guarna MM, Foster LJ. 2024. Higher prevalence of sacbrood virus in *Apis mellifera* (Hymenoptera: Apidae) colonies after pollinating highbush blueberries. *Journal of Economic Entomology*. toae119. https://doi.org/10.1093/jee/toae119.

Nguyen PN, **Samad-zada F**, **Chau KD**, **Rehan S**. 2024. Microbiome and floral assiciations of a wild bee using biodiversity survey collections. Environmental Microbiology. 26: e16657. https://doi.org/10.1111/1462-2920.16657.

Sless TJL, Branstetter MG, **Mikát M**, **Odanaka KA**., Tobin KB, **Rehan SM.** 2024. Phylogenomics and biogeography of the small carpenter bees (Apidae: Xylocopinae: *Ceratina*). *Mol. Phylo. Evo.* 198: 108133. https://doi.org/10.1016/j.ympev.2024.108133.

Tissier ML., Blair C, MacKell S, Adler LS, MacIvor JS, Bergeron P, Callaghan C, Labrie G, Colla S, Fournier V. 2024. Fecal sampling protocol to assess bumble bee health in conservation research. *Journal of Pollination Ecology*. 35: 122-134. https://doi.org/10.26786/1920-7603(2024)783.

MEDIA MENTIONS

Based on the recent journal article by **Shelby Gibson** et al.

Anabella Klann Harrington. 2024.Wildlife Wednesday: narwhals no longer "at risk" after population quadruples. Canadian Geographic. Read the full article here.

Based on the recent journal article by **Stephen** et al.

Staff. 2024.The plants bees need to maintain a healthy diet have been revealed. Frontiers. Read the full article here.

- Also pick up by Phys Org
- Also picked up by MSN
- Also picked up by Morning AgClips

Paw Mozter. 2024. Roses and Red Raspberries Among Top Plant Sustaining Bee Health. Nature World News. Read the full article here.

Cristen Hemingway Jaynes. 2024. Bees Need Pollen From a Variety of Plants to Stay Healthy, Study Finds. EcoWatch. Read the full article here.

Sanjana Gajbhive. 2024. Bees need a balanced diet from various plants for optimal health. Earth.com. Read the full article here.

UPCOMING BEEc EVENTS

BEEc Speaker Series – September 13th 2024

Mark your calendars! The BEEc Speaker Series returns this fall as a public event. Our first webinar will take place on September 13th 2024 at 11am ET. The link to register will be available soon!

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UPCOMING CONFERENCES and EVENTS

The Joint Annual Meeting of the Entomological Societies of Canada and Quebec



The Joint Annual Meeting of the Entomological Societies of Canada and Quebec will take place October 20-23, 2024. The JAM will take place in Quebec City at the Hôtel Le Concorde, with the theme, "The Good, the Bad and the Ugly - A Matter of Perspective". Registration, and the call for abstracts are open! For more information, visit the conference website.

Toronto Gone Wild – City Meets Nature Exhibit at Museum



opened on April 10th 2024 and runs through the summer. This exhibit explores the city as a multi-layered habitat – starring the animals, plants, and insects that call Toronto home. This event is curated by Dr. Jennifer Bonnell (a BEEc faculty member) and Amy Lavender Harris, and there are particular exhibit days where the curators will be giving free tours. Check out the carpenter bee nest loaned to this exhibit by BEEc's own Dr. Sandra Rehan! For more information on the exhibit and special tour days, visit the website.

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The BEEc monthly newsletter is distributed to associates of the Centre for Bee Ecology, Evolution and Conservation at York University. To have your news or events included, please email beec@yorku.ca.

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