

ONLINE WORKSHOP

Proactive Biosecurity: National Workshop on *Tropilaelaps* Mite Biology, Monitoring, and Pest Management for Canadian Apiculture

The Canadian Association of Professional Apiculturists (CAPA), through its *Tropilaelaps* Committee, invites beekeepers, researchers, apiculture specialists, provincial apiarists, and other stakeholders to participate in an online national workshop on *Tropilaelaps* mites and their potential threat to Canadian apiculture.

Tropilaelaps mites are serious ectoparasites of honey bee brood in regions where they occur. They reproduce rapidly and feed on developing honey bees, potentially causing brood damage, abnormal adult bee development, colony weakening, and substantial production losses. Their biology and management differ in important ways from those of *Varroa destructor*. Understanding their identification, life cycle, monitoring, and control is therefore essential for effective preparedness.

Although *Tropilaelaps* mites are not established in Canada, increased awareness, surveillance, and proactive biosecurity planning are important to help protect Canadian honey bee colonies and the apiculture industry against their potential introduction and spread.

This workshop will bring together Canadian and international experts to share scientific knowledge, regional experiences, and practical approaches to *Tropilaelaps* mite management. Presentations will cover mite biology, morphology and taxonomy, life cycle, feeding behaviour and viral interactions, monitoring and integrated pest management (IPM), management experiences from Georgia and Thailand, potential control approaches, and updates from Canadian apiculture organizations.

Workshop Details

- **Date:** Thursday, November 26, 2026
- **Time:** 10:30 a.m.–3:00 p.m. Eastern Standard Time (EST)
15:30 p.m.–20:00 p.m. Greenwich Mean Time (GMT)
- **Format:** Online via Zoom
- **Organizer:** *Tropilaelaps* Committee, Canadian Association of Professional Apiculturists (CAPA)
- **Registration:** <https://forms.gle/TjLJxuDB5v6cRt6v5>

Please consult the workshop poster and agenda below for the presentation schedule and speaker biographies. We encourage members of the Canadian apiculture community to participate in this important knowledge-sharing event and contribute to strengthening national preparedness for emerging honey bee pests. Additional information, including the final agenda, will be posted as it becomes available. We look forward to your participation!