Welcome to the Canadian Honeybee Genomic Survey

Your bees will be used in a Canada-wide genetic survey, partially funded by the Canadian Honey Council (CHC), to learn about the ancestry and levels of genetic diversity in our bee stocks.

The collected data will be submitted to a scientific journal and summarized in the CHC’s Hivelights.  The genetic data will be summarized over broad geographic regions. **The names of participating beekeepers and your answers to our questionnaire will remain confidential**.

Enclosed in this package you will find the following:

1. Collection protocol
2. Screw-topped bee collection tubes (containing ethanol) in protective case
3. Safety sheet
4. Sample collection card
5. Pre-addressed, stamped return envelope

To Collect Bees:

We have supplied you with 6 screw-topped collection tubes for sampling up to **6 colonies**. Each bee tube holds **only 2 bees per colony.**

1. Collect 2 live worker bees from each colony you wish to sample (up to 6 colonies)
2. Place the bees into the screw-topped collection tube, close lid and invert tube
3. Fill out the sample collection card with all known information using the pencil provided. Any additional comments for each colony can be written on the back of the card.
4. Repeat steps 1-4 with a new screw-topped collection tube for each colony
5. Place the screw-topped collection tubes back into the protective case and inside the plastic bag provided
6. Place plastic bag and sample collection cards into pre-addressed, stamped envelope.
7. Mail it back to us and wait for exciting results!

For help with protocol, email [honeybee@yorku.ca](mailto:honeybee@yorku.ca) or call 416-736-2100 x 44053

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