



MÉTIS NATION OF ONTARIO • ENVIRONMENT & CLIMATE CHANGE

NATIVE BEE MONITORING PROJECT 2025 REPORT

From May to October 2025, the Métis Nation of Ontario supported 45 citizen households taking part in the Native Bee Monitoring Project. Another 33 family members—including 26 youth under 16—joined in. The project encouraged households to help local bees, especially solitary and bumble bees. Participants observed bee species, noted native plants, and recorded seasonal weather changes linked to climate change.

WEATHER

Nearly all project participants reported unusual weather patterns during the spring, summer, and fall of 2025, with warmer temperatures cited as the primary concern. Participants noted more frequent extreme weather events in spring, while summer was marked by reduced precipitation.

46 PLANT SPECIES

were identified in photos with 23% being native to Ontario. The most common were **Sedums, Hydrangeas, and Sunflowers**, which are common garden plants. Four invasive species in Ontario were identified including: **Oxeye daisy, Rugosa rose, Knapweed, and Ground ivy**.

JUNE

was the first month participants noticed **native bees outside**.



BEE HOTELS

33-45% of monitors had bees use their hotels this year, serving to increase habitat to support native bees.

MAY

was the first month participants noticed **dandelions blooming outside**.



CONCERN & OBSERVATIONS

of lower bee abundance than usual this year was reported, as well as early blooming of plants & trees and drought impacting plant bloom periods in some areas.



22 SPECIES OF NATIVE BEE

The majority of the 199 images submitted by citizen monitors were Bumblebees and eleven species were identified including: **Brown-belted bumble bee, Common eastern bumble bee, Half-black bumble bee, Lemon cuckoo bumble bee, Northern amber bumble bee, Orange-rumped bumble bee, Perplexing bumble bee, Red-belted bumble bee, Sanderson's bumble bee, Tricolored bumble bee, and Two-spotted bumble bee**.



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