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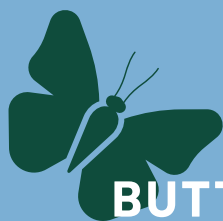
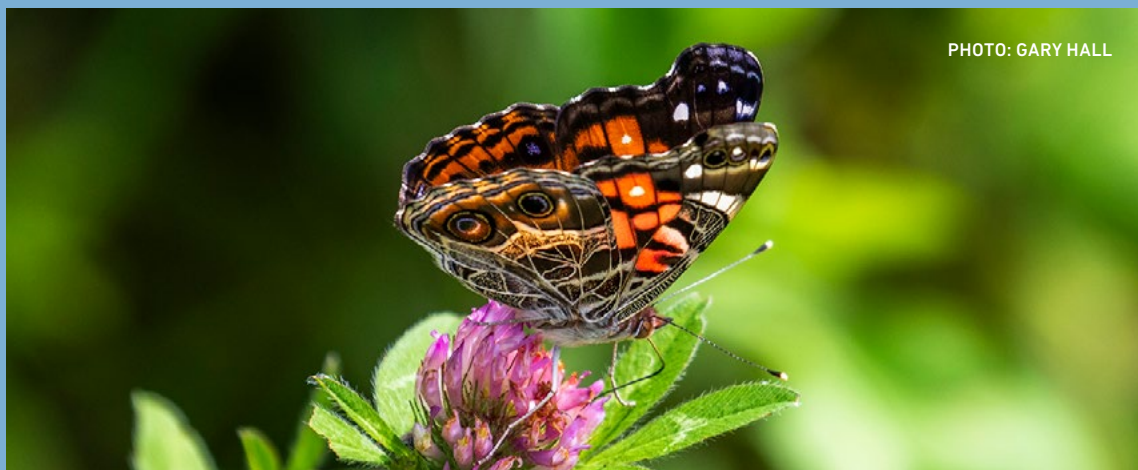


BIMBY
BUTTERFLIES IN MY BACKYARD

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BUTTERFLIES IN MY BACKYARD (BIMBY) 2024
EXECUTIVE SUMMARY

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EXECUTIVE SUMMARY

The Butterflies in My Backyard (BIMBY) program, led by the David Suzuki Foundation, engages Canadians nationwide in butterfly conservation.

Through iNaturalist, a community science platform, volunteers called **BIMBY Seekers** photograph and document butterfly sightings, contributing valuable data on butterfly distribution and plant interactions. Coordinated by a dedicated committee of ecologists and conservationists, BIMBY combines community engagement with scientific goals, empowering participants to support biodiversity and deepen their connection to nature.

The **2024 BIMBY report** highlights the project's accomplishments in butterfly conservation over the past year, with community scientists documenting butterfly species throughout Canada. This summary outlines the report's main findings and key takeaways from the year's BIMBY efforts.

In 2024, 825 David Suzuki Foundation volunteers, known as "Seekers," joined BIMBY. This year, Seekers made 35,000 butterfly observations, contributing critical data to the iNaturalist platform. They observed more than 220 butterfly species, representing about 75 per cent of Canada's known species. Notably, dedicated volunteers in British Columbia accounted for 70 per cent of butterfly observations in the province despite unfavourable weather.

Participants also documented endangered species, such as Behr's hairstreak, monarch and Mormon metalmark, underscoring BIMBY's role in monitoring at-risk butterflies. Observations included not only butterflies but also their interactions with native and introduced plants, helping identify key nectar sources and host plants, crucial for conservation planning.

BIMBY's expansion across Canada in 2024 fostered deeper engagement with nature and promoted butterfly conservation. The data collected allow scientists to better understand butterfly distributions and potential climate impacts. Looking forward to 2025, BIMBY aims to document even more butterfly species, inviting Canadians to contribute to conservation and enhance biodiversity awareness throughout the country.

Here are some standout facts from the 2024 BIMBY report:



National reach and participation: In 2024, 825 volunteers from 10 provinces and two territories joined the BIMBY project, collectively making 35,000 butterfly observations.



Species coverage: Participants documented more than 220 butterfly species, representing 75 per cent of Canada's known species — a notable achievement for community science.



Focus on endangered species: BIMBY Seekers observed six of Canada's 13 endangered butterfly species, including the rare Behr's hairstreak, monarch and Mormon metalmark. British Columbia participants were especially successful, spotting four of the six endangered species found in the province.



Provincial leader: Despite a cold, rainy spring, observations from Seekers in British Columbia accounted for 70 per cent of all butterfly observations within the province, showcasing the dedication of local volunteers.



Data powerhouse: The data from BIMBY provide a robust resource for scientists, conservationists and policy-makers, enabling more accurate monitoring of butterfly populations and their plant associations throughout Canada.



iNaturalist insights: BIMBY's 2024 contributions made up 26 per cent of all butterfly observations in Canada on iNaturalist, helping fill a vital data gap in Canada's biodiversity monitoring.



Impact of introduced species: BIMBY highlighted the widespread presence of non-native butterflies, such as the cabbage white and European skipper, showing how introduced species have integrated across multiple provinces and affected local biodiversity.



Plant-butterfly relationships: Observations documented 7,677 instances of butterflies interacting with specific plants, providing valuable insights into host and nectar plant preferences, essential for habitat conservation planning.

The 2024 BIMBY report celebrates the efforts of BIMBY Seekers whose observations have enriched our understanding of Canada's butterfly populations and their habitats. By gathering critical data on species distributions and plant interactions, BIMBY has become a vital resource for conservation, bridging knowledge gaps and inspiring people in Canada to protect biodiversity. As the program grows, BIMBY invites more people to join in safeguarding these essential pollinators and fostering a resilient natural world.

To download a copy of the full 2024 BIMBY report, go to davidsuzuki.org/BIMBY