

The Butterfly Effect: Toyota's Monarch Migration Takes Flight

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Building a healthy ecosystem today will enable future generations the opportunity to enjoy the world for many years to come. It's an effort that requires everyone to do their part — from individuals to corporations. This is why Toyota is committed to biodiversity and the protection of local species, such as the monarch butterfly.

Habitat loss and climate change are contributors to the loss of biodiversity. This has led many companies to play a significant role in achieving the bold and urgent (and necessary) steps to shift the world onto a sustainable and resilient path. As part of the Toyota Environmental Challenge 2050 — a series of six challenges to build a better, smarter, more sustainable future — the automaker is partnering with some of the world's leading biodiversity experts to protect endangered, threatened and protected species.

As an example, Toyota maintains 18 pollinator gardens across its North American sites to nurture the monarch butterfly and other pollinator species. In 2019, Toyota expanded its focus to include indicator species, like the grey treefrog and green heron, which signal the health of an ecosystem. With the help of the Wildlife Habitat Council, who has been a partner since 1999, Toyota developed a tool to help select indicator species appropriate for individual Toyota locations. The tool gives employees evaluation criteria for each site, such as conservation status of a species, food sources and the technical expertise required to develop and maintain different habitats. As a result of the program, Toyota minimizes the disruption of natural territory and contributes to building

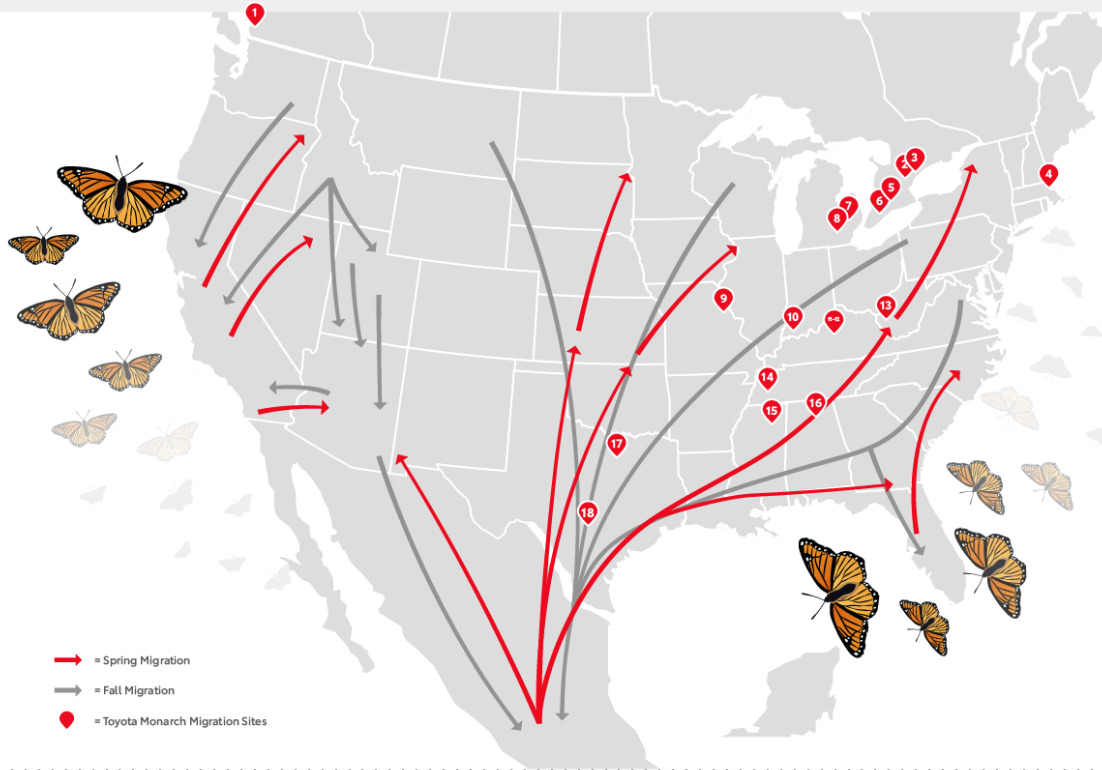
healthy ecosystems.

Take a closer look at Toyota's monarch butterfly migration efforts [here](#).

SUPPORTING THE MONARCH BUTTERFLY'S MIGRATION

The monarch butterfly is an important part of the ecosystem, contributing to the health of our planet. To support the colorful winged insects' pollination activities, Toyota has created special monarch migration sites at 18 locations across the U.S. It's one of the many ways the company is working to create a net positive impact on the globe and society. See how this small, but mighty pollinator crisscrosses the country and learn some facts along the way.

MONARCH BUTTERFLY MIGRATION PATH



1 Delta, British Columbia
Canadian Auto Parts Toyota

2 Toronto, Ontario
Toyota Canada Inc.

3 Clarington, Ontario
Eastern Canada Parts Distribution Centre

4 Boston, Massachusetts
Service Parts and Accessories Distribution Center

5 Cambridge, Ontario
Toyota Motor Manufacturing, Canada

6 Woodstock, Ontario
Toyota Motor Manufacturing, Canada

7 Ann Arbor, Michigan
Toyota Motor North America, Research & Development

8 York Township, Michigan
North American Purchasing and Supplier Center

9 Troy, Missouri
Toyota Motor Manufacturing, Missouri

10 Princeton, Indiana
Toyota Motor Manufacturing, Indiana

11 Georgetown, Kentucky
Toyota Motor Manufacturing, Kentucky

12 Georgetown, Kentucky
Production Engineering & Manufacturing Center

13 Buffalo, West Virginia
Toyota Motor Manufacturing, West Virginia

14 Jackson, Tennessee
Toyota Motor Manufacturing, Tennessee

15 Blue Springs, Mississippi
Toyota Motor Manufacturing, Mississippi

16 Huntsville, Alabama
Toyota Motor Manufacturing, Alabama

17 Plano, Texas
Toyota Motor North America, Inc.

18 San Antonio, Texas
Toyota Motor Manufacturing, Texas

PIT STOPS FOR POLLINATORS



The monarch butterfly is the only butterfly known to make a two-way migration.



Monarchs from the eastern part of North America migrate to the Sierra Madre Mountains in Mexico. Butterflies from the west of the Rocky Mountains hibernate through the winter in California.