

Text Set to Accompany

# The Mystery of the Monarchs:

How Kids, Teachers, and Butterfly Fans Helped Fred and Norah Urquhart Track the Great Monarch Migration

## Primary Sources & Research Materials

These texts tell readers more about monarch butterfly migration and the Urquharts.



[1976 National Geographic Article: "Monarch Butterflies Found at Last"](#)

This *National Geographic* article by Fred Urquhart describes, in his own words, what it was like to visit the overwintering place of the monarch butterflies. This primary source allows readers to imagine what this experience felt like for Fred Urquhart after decades of scientific wondering.

[Video: Discover the Story Behind Mexico's Monarch Butterfly Migration](#)

This video visits the El Rosario butterfly sanctuary in Mexico. It also tells the story of the Urquharts and their research, explaining the roles of Ken Brugger and Catalina Aguado. Viewers also learn about the communities near the Monarch overwintering sites.



## Content Connections

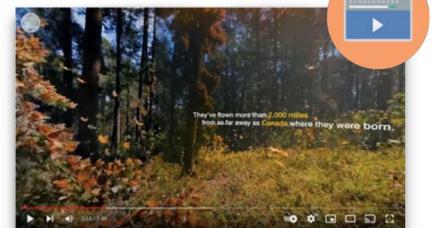
These texts explore topics such as the monarch life cycle and public science projects.

[National Geographic Kids: Monarch Butterfly Fact Page](#)

This fact page from National Geographic Kids shares information about monarch butterflies and their life cycles. Readers can learn where in the world monarch butterflies live, how much they weigh, and other interesting facts. The page also includes a video: "Amazing Animals: Monarch Butterflies"

[Video: 3D Monarch Butterflies in 360°](#)

This video takes viewers to an overwintering site in Mexico where monarch butterflies breed. Be sure to scroll around on the screen to see the full 360° view, as well as to view some interesting facts!



[Public Science Website: Journey North](#)

Journey North is one of North America's premier public science programs for people of all ages. Reported sightings of insects and animals by teachers, schools, families, nature centers, and professional scientists are mapped in real time as waves of migration move across the continent.

[Public Science App: NASA Globe Observer](#)

Using this app, kids, teachers, and families can make environmental observations that complement NASA satellite observations to help scientists studying Earth and the global environment. Participants can take observations of cloud cover, mosquito habitats, land cover, and more.



[Public Science Project Database: SciStarter](#)

This online database helps families and educators find science projects to which all people can contribute. Participants can find both local projects as well as online opportunities they can join from anywhere.

[NPR Article & Clip: 'Flight': A Few Million Little Creatures That Could](#)

This article and radio clip share the back story behind *Flight of the Butterflies*, a documentary that tells the story of butterfly migration. Catalina Aguado, who assisted Fred and Norah Urquhart with their research, is interviewed about her experience. Video clips from the documentary are also included.



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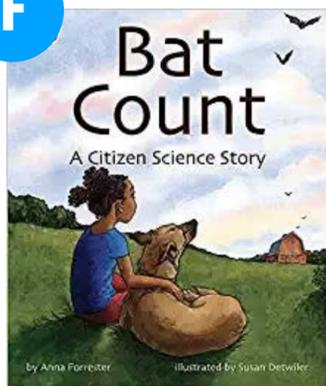
# The Mystery of the Monarchs:

How Kids, Teachers, and Butterfly Fans Helped Fred and Norah Urquhart  
Track the Great Monarch Migration

## Texts to Pair with *The Mystery of the Monarchs*

These fiction and nonfiction texts can be read alongside *The Mystery of the Monarchs* for deeper exploration of butterflies, public science projects, and more.

F



*Bat Count*

By Anna Forrester

In this book, Jojo and her family help with the bat count! To help scientists who are studying bat populations, Jojo counts bats and sends in her data.

NF

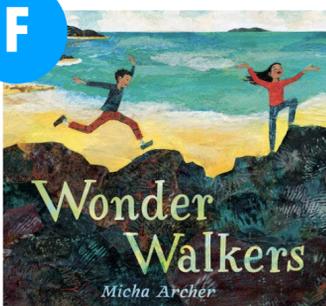


*Moonlight Crab Count*

By Dr. Neeti Bathala  
and Jennifer Keats Curtis

In this narrative nonfiction book, Leena and her mom volunteer to count the horseshoe crabs that visit their beach.

F



*Wonder Walkers*

By Micha Archer

Two curious kids take a "wonder walk." Like Fred Urquhart, they ask questions as they look at the world around them.

NF

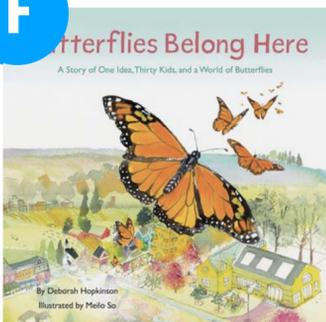


*Citizen Scientists:  
Be a Part of Scientific Discovery  
from Your Own Backyard*

By Loree Griffin Burns

This book shares how kids and families can gather data for ongoing, actual scientific studies.

F



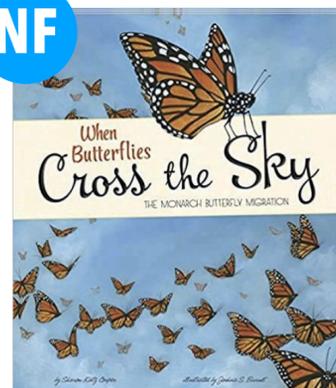
*Butterflies Belong Here:*

*A Story of One Idea, Thirty Kids,  
and a World of Butterflies*

By Deborah Hopkinson

A girl uses her knowledge of butterflies to advocate for conservation in her community.

NF



*When Butterflies Cross the Sky*

By Sharon Katz Cooper

This informational text explains the butterfly migration process. Back matter includes a "Fast Facts" page and a glossary.

F



*Hello, Little One:*

*A Monarch Butterfly Story*

By Deborah Hopkinson

This introduction to the monarch butterfly life cycle follows one butterfly through their migration journey.

NF



*Counting Birds:  
The Idea That Helped Save Our  
Feathered Friends*

By Heidi E.Y. Stemple

In this book, readers learn about Frank Chapman, who used his bird knowledge to found the first annual bird count.

**F** = Fiction

**NF** = Nonfiction