



Project Pollinator

Photo by Larry Reis



Did You Know?

One-third of all crops grown for people, including apples, strawberries, raspberries, squash, and cotton, need animal pollinators.



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Did You Know?

75% of the world's
flowering plants depend
on pollinators.



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Did You Know?

In Iowa, animal pollinators include bees, beetles, birds, butterflies, moths, flies, ants, wasps, and even mosquitoes.



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Did You Know?

Iowa's corn and beans are self-pollinated by the wind.

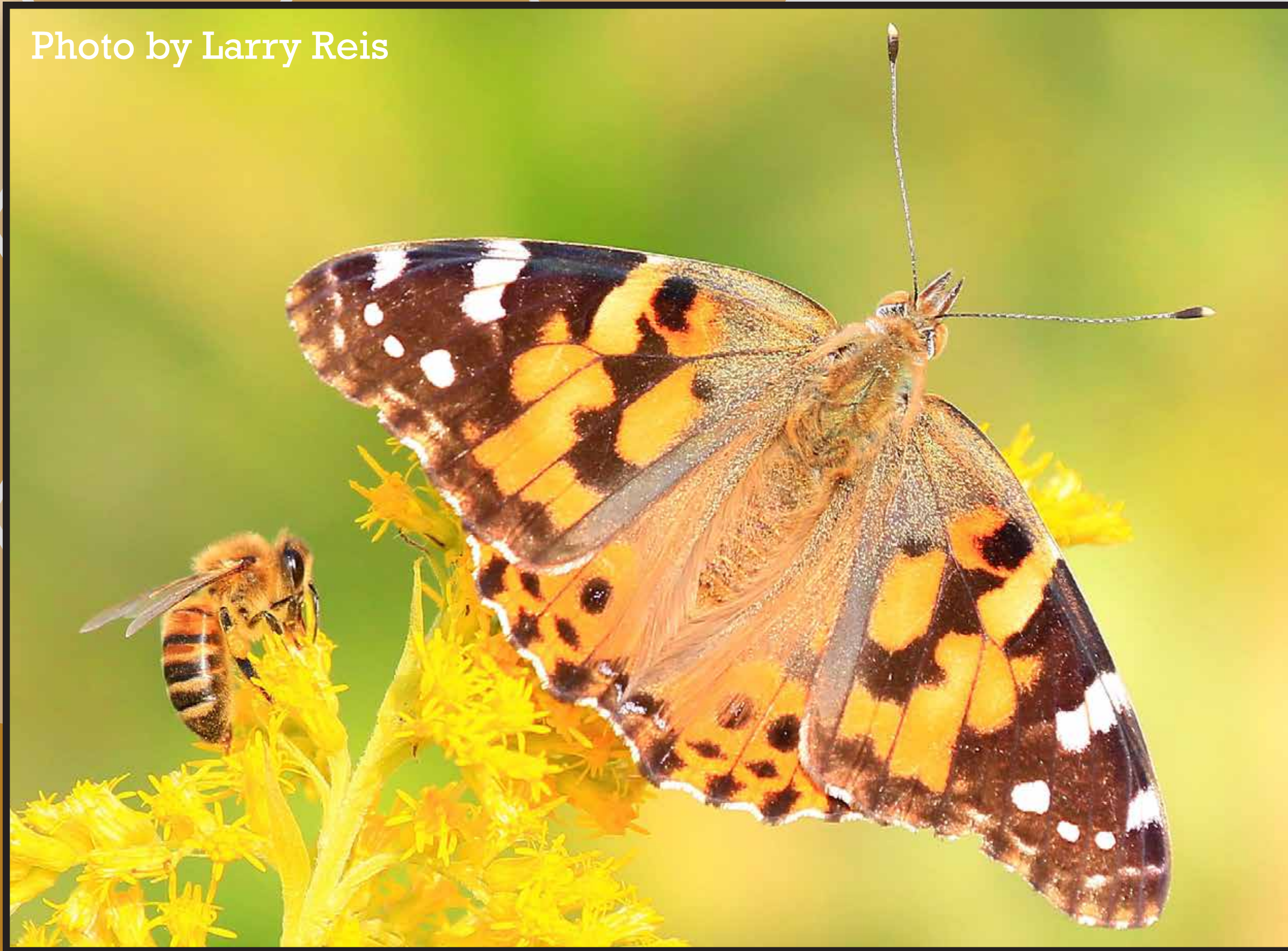
Photo by Justin Rogers





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Did You Know?

The common honey bee is not native to the United States. It was brought to North America by our European ancestors.



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Did You Know?

Iowa has between 300-400 native bees, 110 species of butterflies, and 200 species of moths.



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Did You Know?

Habitat loss is one reason for the decrease in the number of Monarch butterflies.

This affects 46% of the total butterfly species in the state.



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How Can You Help?

- Plant milkweed and nectar-providing plants
- Create a butterfly garden using native plants
- Assist scientists in monitoring and tracking Monarchs

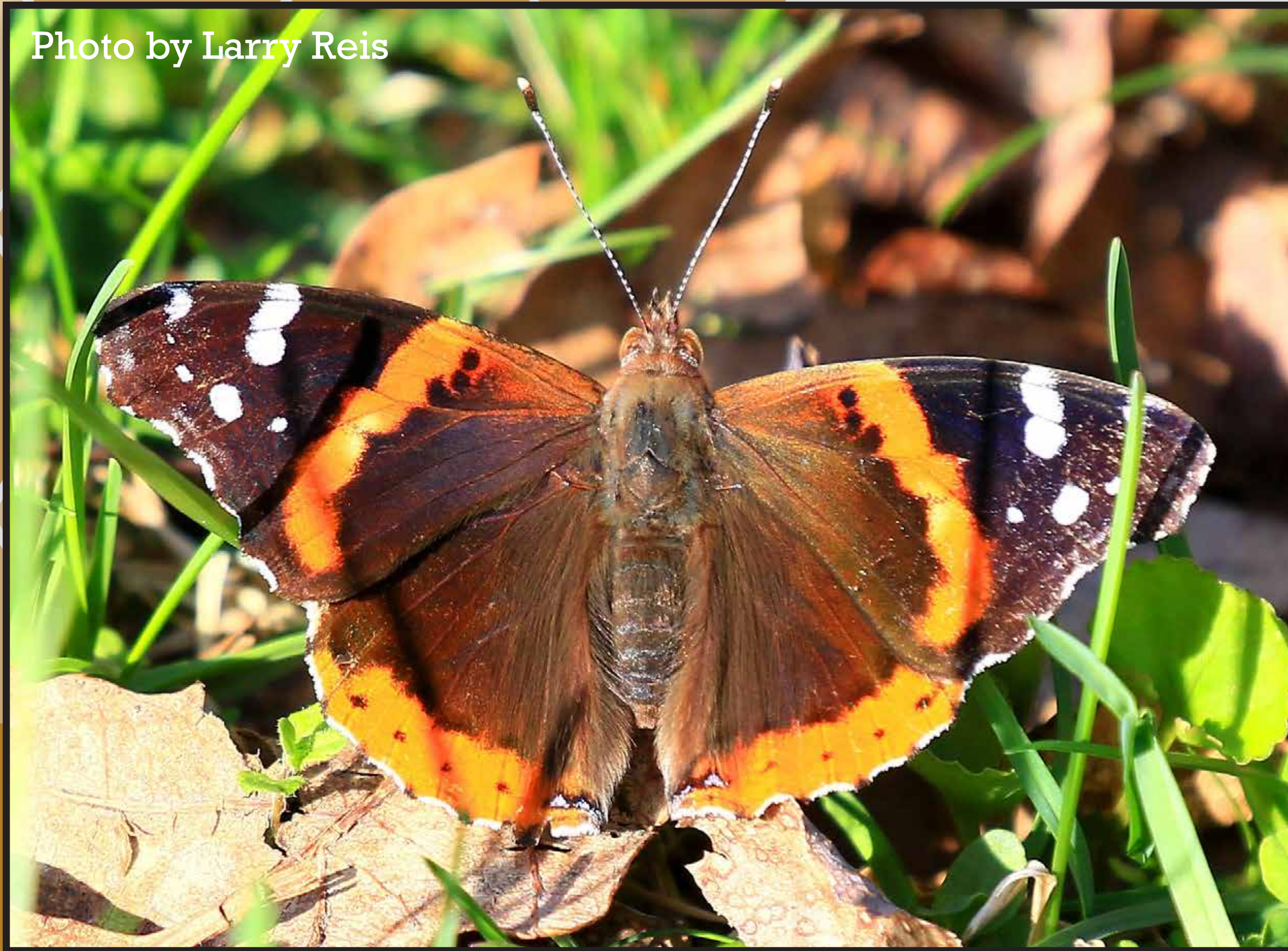
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Did You Know?

Like the Monarch butterfly, Iowa's Red Admiral and Painted Lady fly south for the winter. Caterpillars and some adult butterflies hibernate during the winter.



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Did You Know?

Monarch butterflies only lay eggs on milkweed, which the caterpillar then eats as it grows.





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Did You Know?

Pollination occurs when pollen is transferred from one plant to another, producing seeds necessary for plant regeneration.



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Did You Know?

The pollinator benefits from pollination by receiving proteins and carbohydrates from the pollen and nectar.

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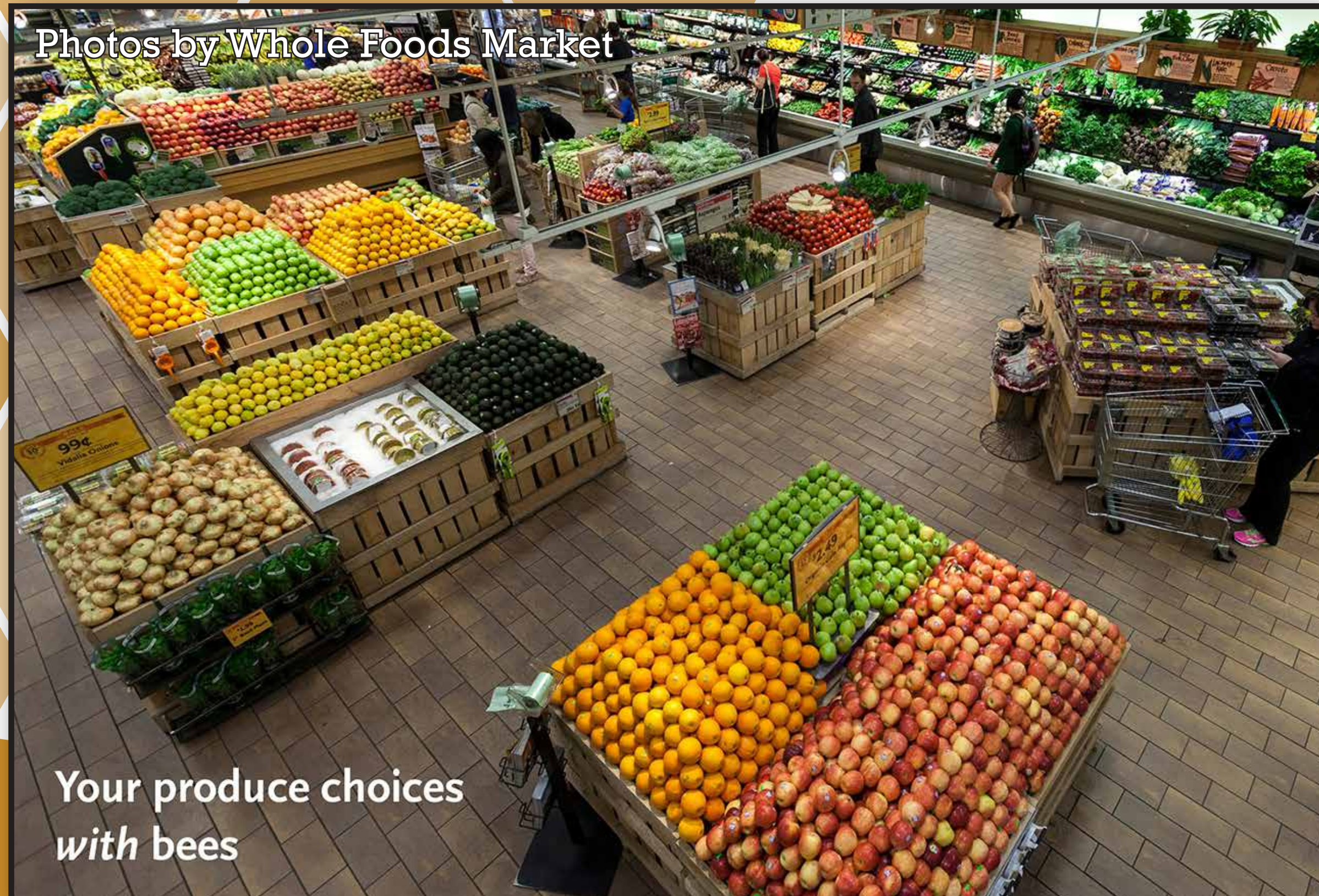




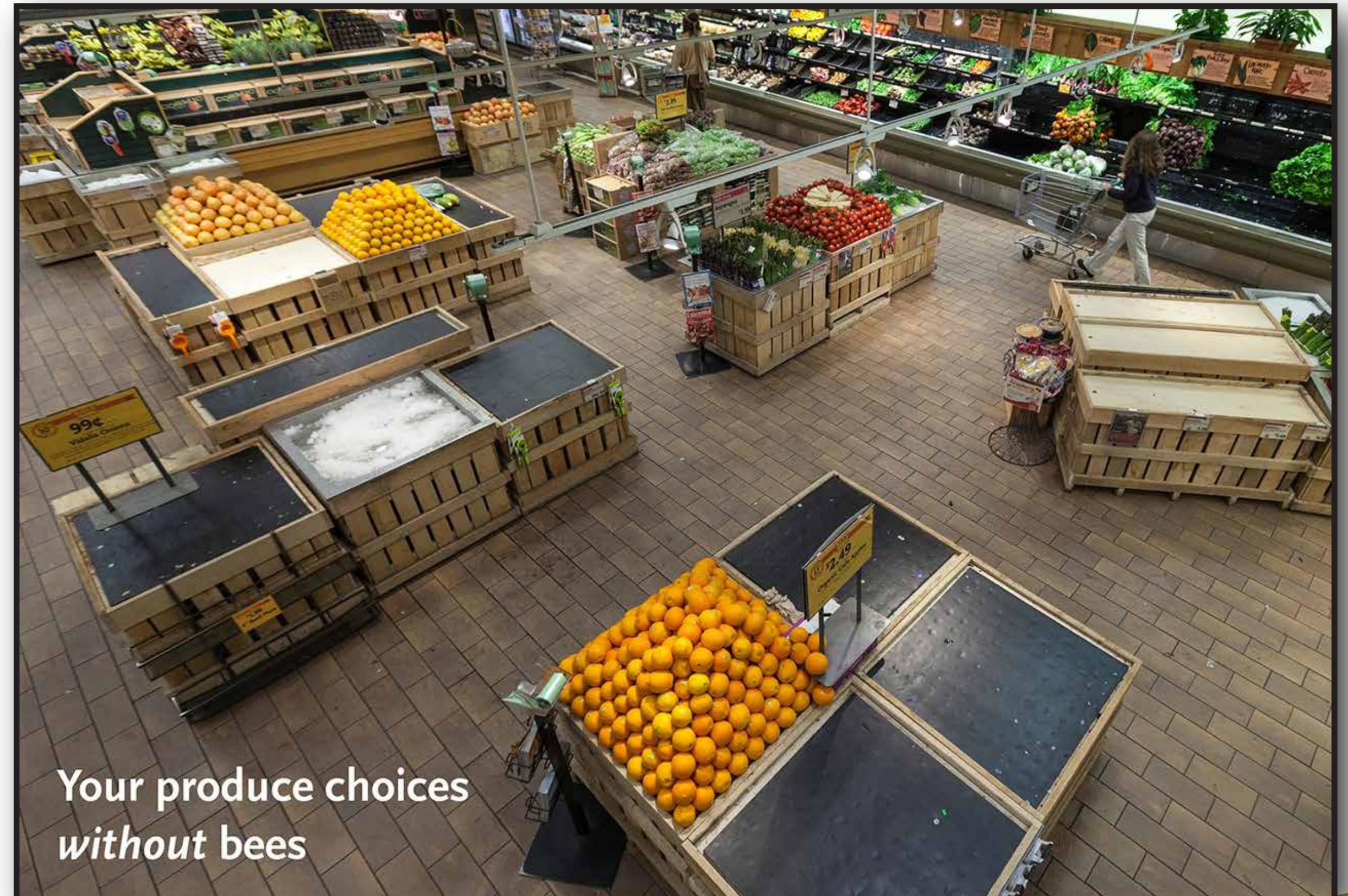
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Life Without Pollinators

Photos by Whole Foods Market



Your produce choices
with bees



Your produce choices
without bees



Project Pollinator

Photo by Whole Foods Market



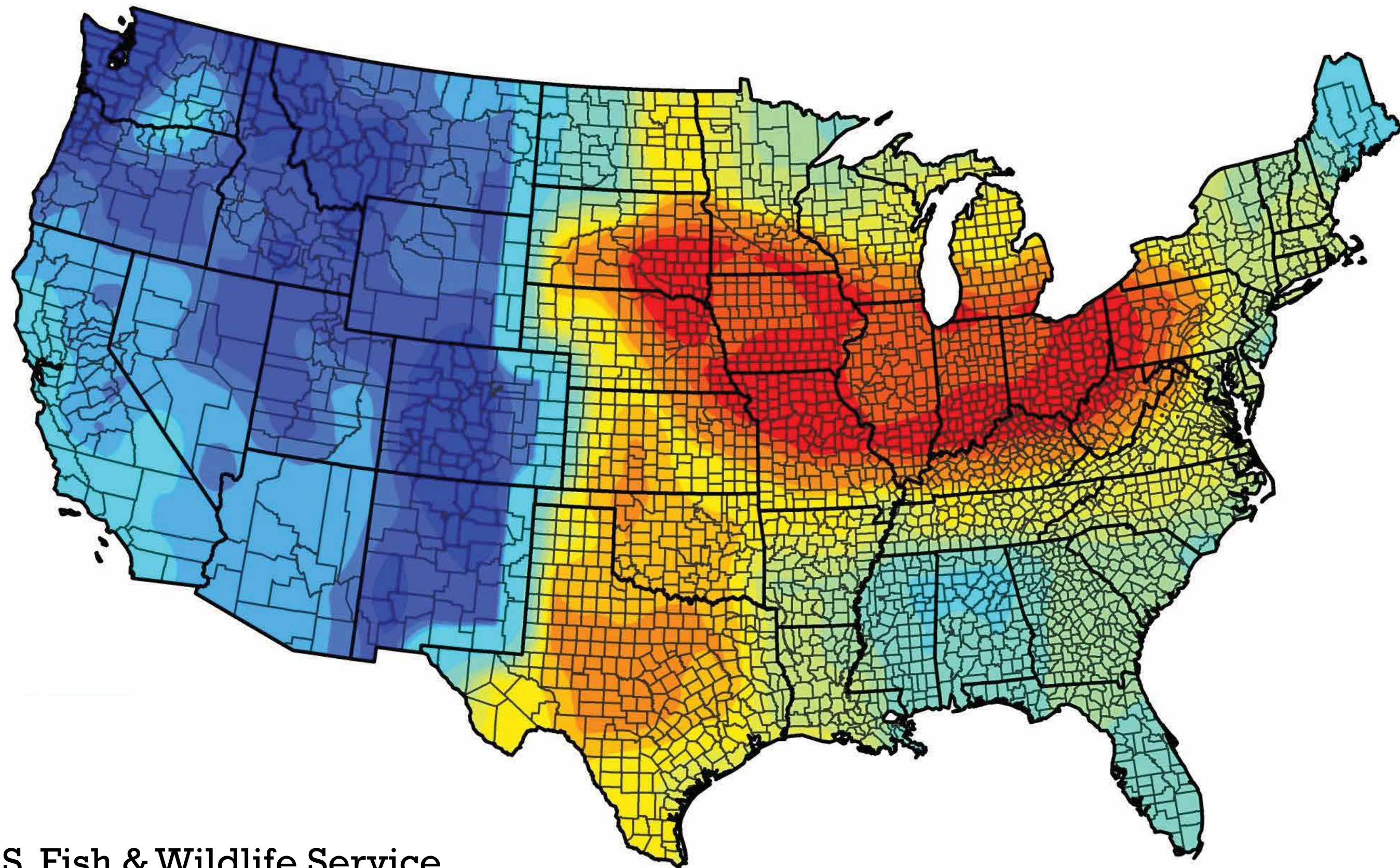
Life Without Pollinators

This is what your dairy section would look like without pollinators.



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Iowa's Monarchs are in the Hot Zone, demonstrating highest conservation priority.



U.S. Fish & Wildlife Service



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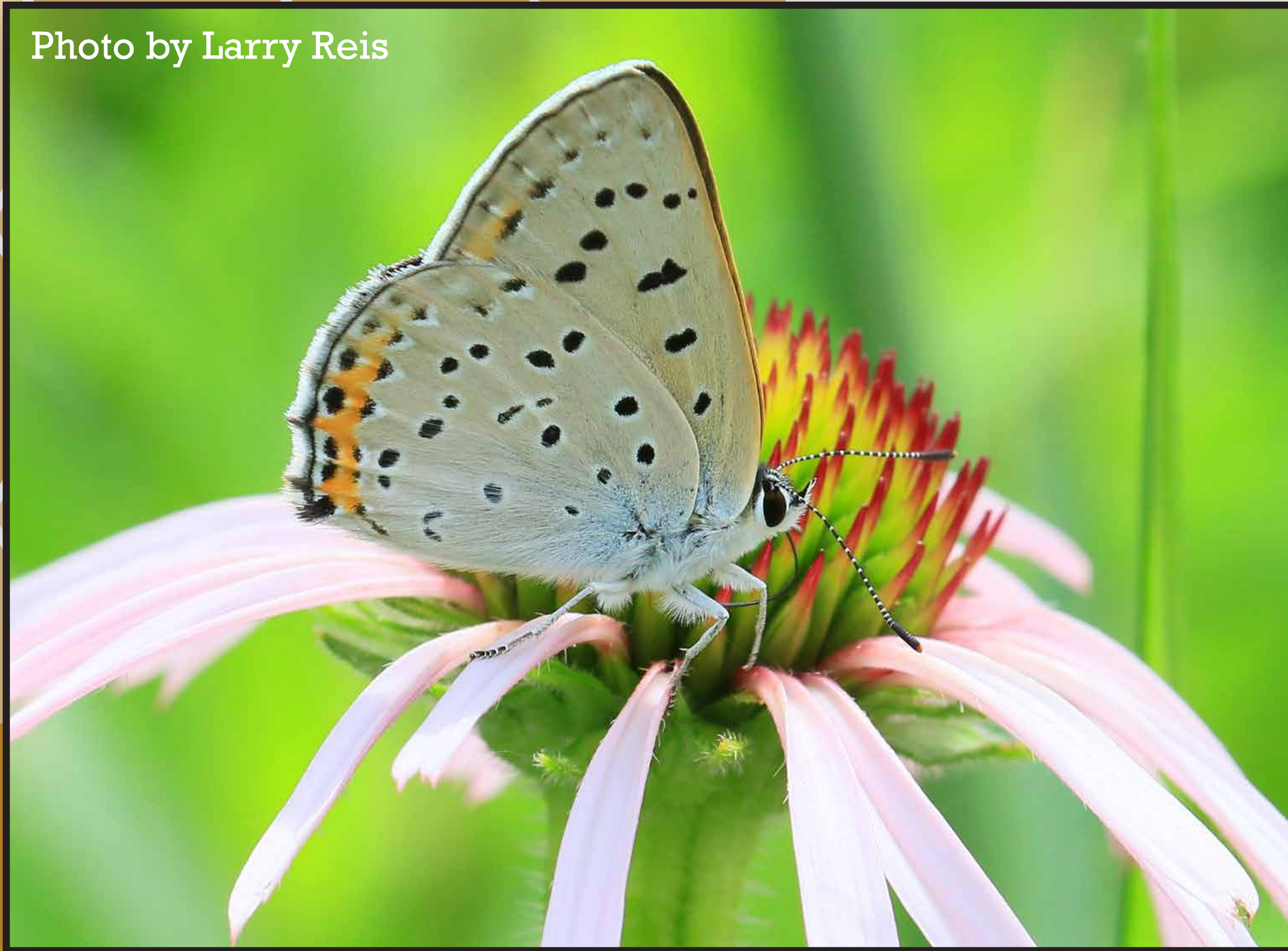
Why Are Monarchs at Risk?

- Loss of habitat
- Loss of milkweed
- Habitat fragmentation
- Change in weather patterns



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Did You Know?

56 species of butterflies in Iowa are designated as Species of Greatest Conservation Need.



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Who We Are

Experience agriculture by visiting one of Silos & Smokestacks' 119 partner sites. Learn about the history and rich culture of farming in America, get up close with livestock and animals, or discover new and amazing innovations in the agriculture industry!





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Our Mission

Silos & Smokestacks
National Heritage Area
tells the story of American
agriculture and its global
significance.

Photo by Larry Lindell

