

A monarch butterfly with vibrant orange wings and black markings is perched on a yellow flower. The background is a lush field of green foliage and more yellow flowers, creating a natural and vibrant setting.

Monarch Butterfly Endangerment

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10th Grade

Threats

Climate change threatens the monarchs because it completely shifts their lifestyle making them migrate at different times of the year and their habitats unsuitable.

Pesticides are another threat. Big food manufacturing companies like to spray harmful chemicals on their produce to keep insects off; however they also kill essential species like the Monarch



“The fluttering of a butterfly's wings can effect climate change on the other side of the planet”

-Paul Ehrlich

How To Save Them

Best case scenario our government can pass legislation forcing big companies to stop contributing to climate change. As well as legislation banning harmful pesticides from being used. Building sanctuaries will also help immensely by giving them a stable habitat.

Planting milkweed is also a major help. If we could have the parks regularly plant milkweed, it would be better for butterflies everywhere.

Quick note: Milkweed is crucial to Monarchs. They literally need it to breed and have more offspring. So the lack of milkweed in our parks and agriculture make it harder for them to repopulate.



Pacific Grove Sanctuary

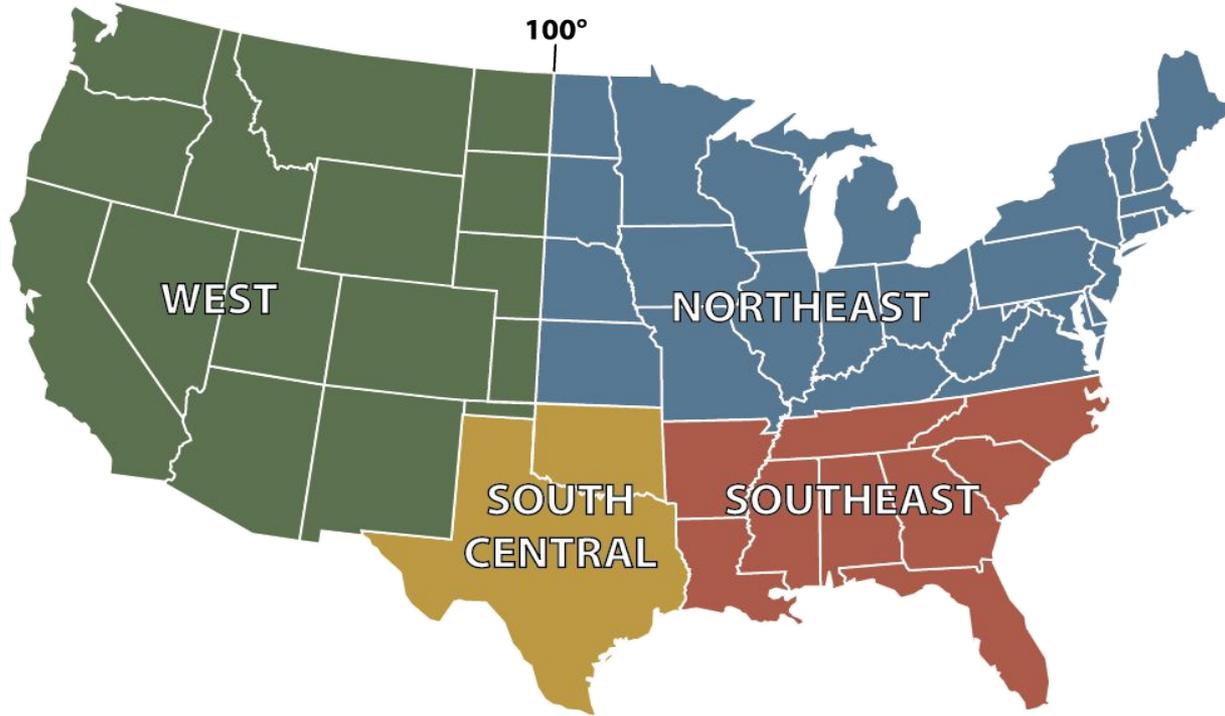
How You Can Take Action.

- Buy organic products, because certain major foods and other products are big contributors to climate change which affect migration patterns of Monarch butterflies.
- Use organic pesticides because most damage the environment and non-harmful creatures such as the Monarch.
- Donate to the Monarch Conservation Fund, and allow for more milkweed to be planted.
- If you have a garden, think about buying and planting milkweed. But be cautious because milkweed is different for each region and certain milkweed is meant for different regions, which is why you have to be cautious when buying.



Milkweed

Milkweed by regions



Our Own Little Way of Helping

One thing we found out while doing research on the butterflies was the ability to use organic ingredients for insecticides and herbicides. The benefit for organic insecticide is that it is a contact spray so you can erase the harmful critters while not potentially harming Monarchs later. The benefit for organic pesticide is that it is good for the environment and not dangerous to you or your family.

Ingredients for organic insecticide: Preferably neem oil because it is the best, but vegetable oil is fine. You need around 2 ¼ cups of water, and eco friendly cleaning soap. This is a contact spray so you can use it on whatever harmful insects in your garden and it wont stick.

There are many different solutions to organic herbicides such as: sodium chloride or table salt, vinegar (either grocery store or garden supply store) or you can pour boiling water on the weeds.



Let's Play Jeopardy!

Click the link to play! Have fun learning about monarch butterflies!

<https://www.playfactile.com/helpmonarchbutterflies>