

Ecohouse Project: Monarch Waystation

By Tristan Mandeville



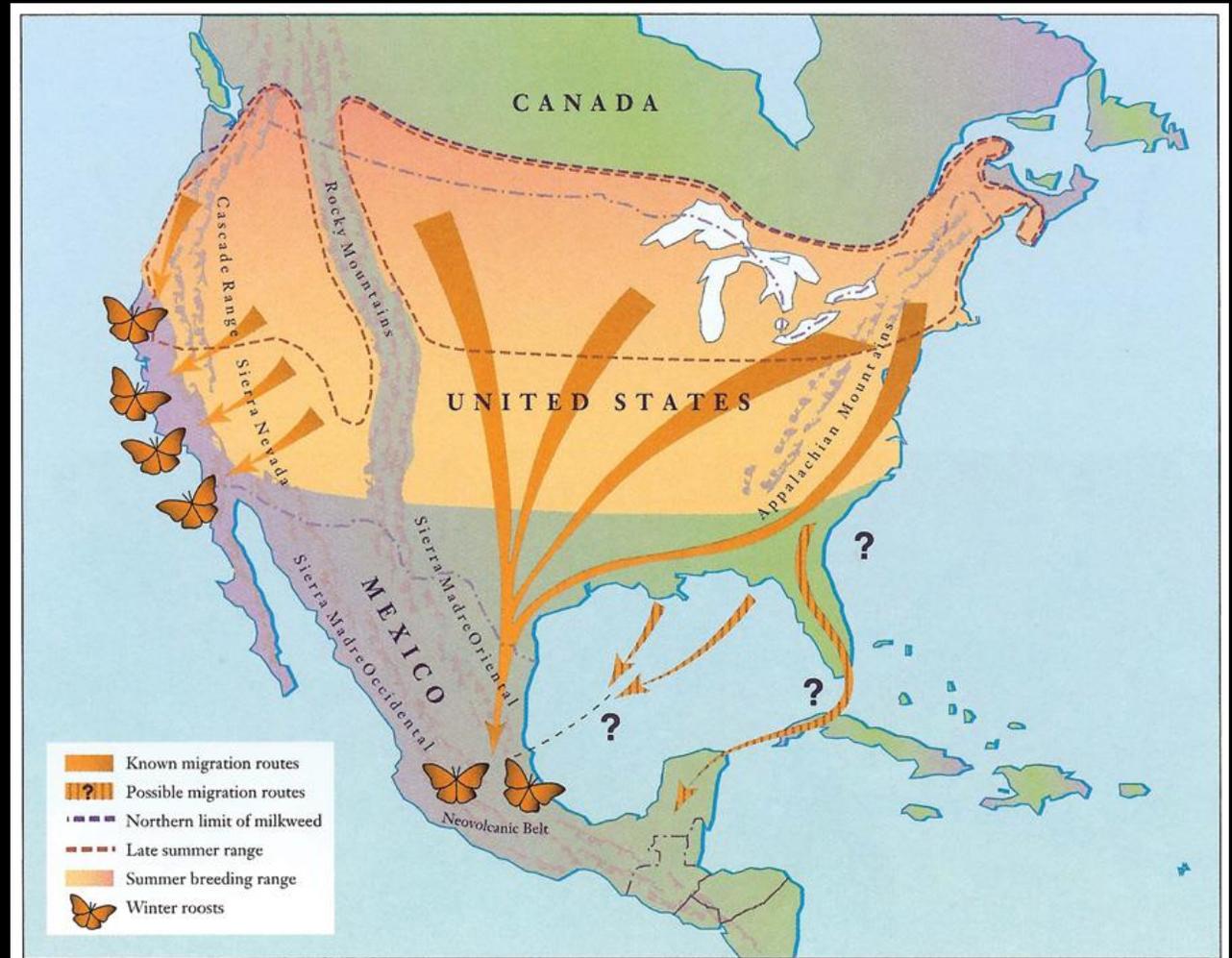
Monarch Life Cycle

- Egg
- Caterpillar
- Chrysalis
- Butterfly

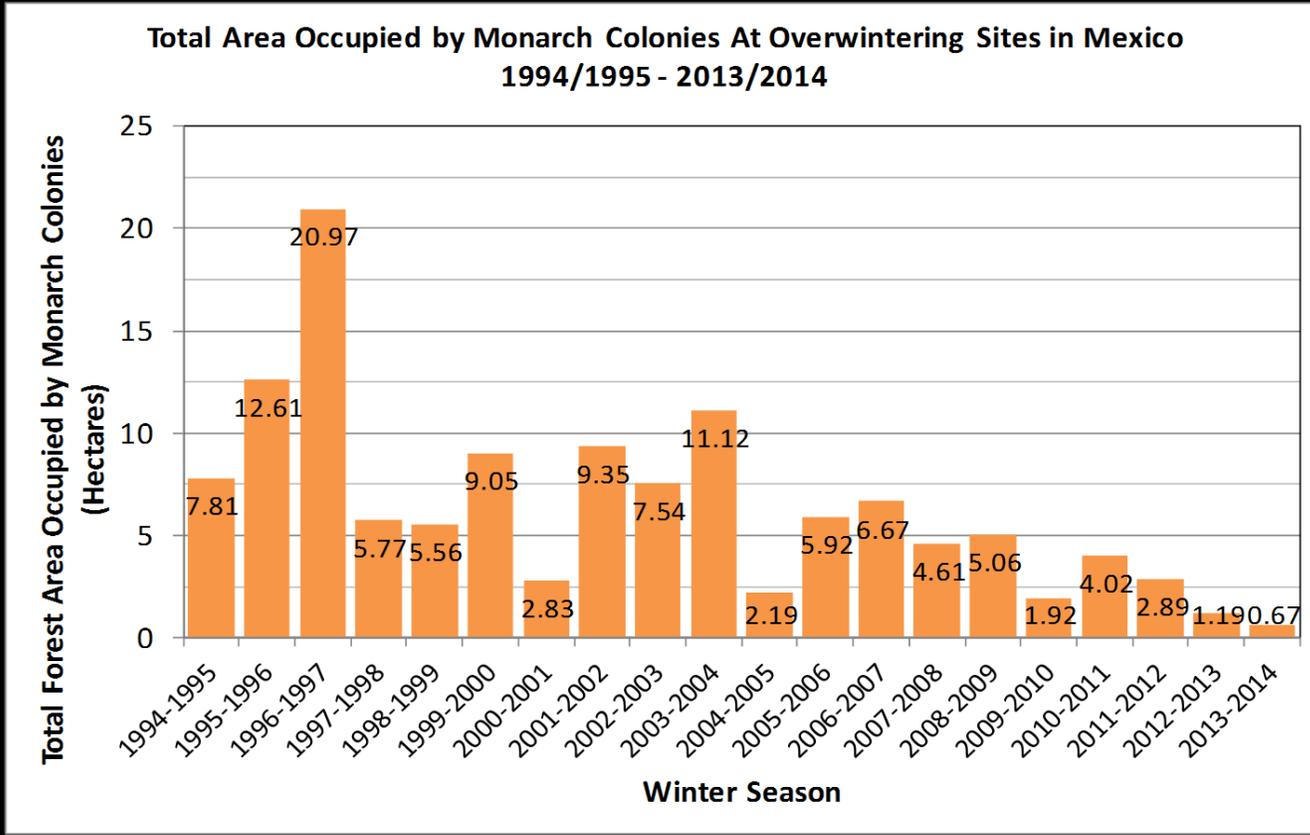


Monarch Locations

- Caribbean, Hawaii, New Zealand
- North America: Western Monarchs and Eastern Monarchs
- Migration



Population Trends and Threats

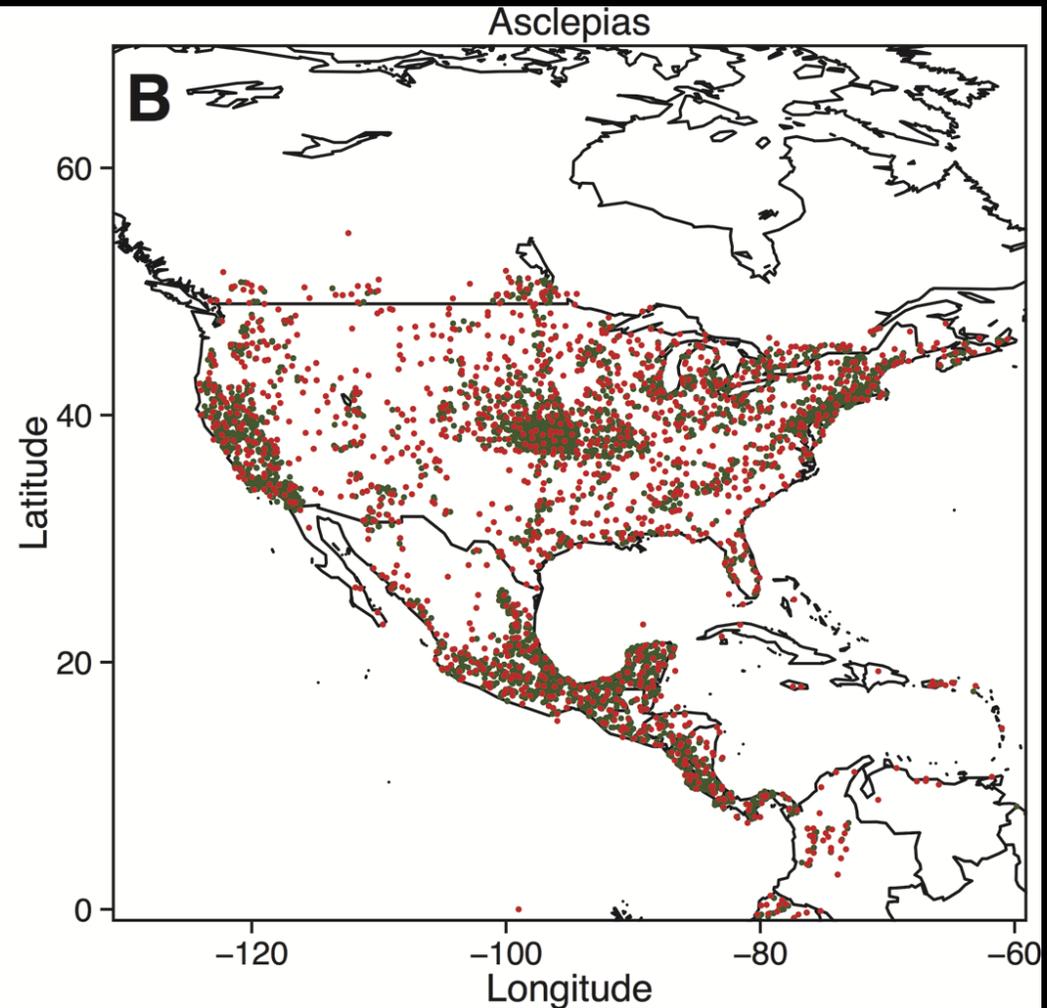
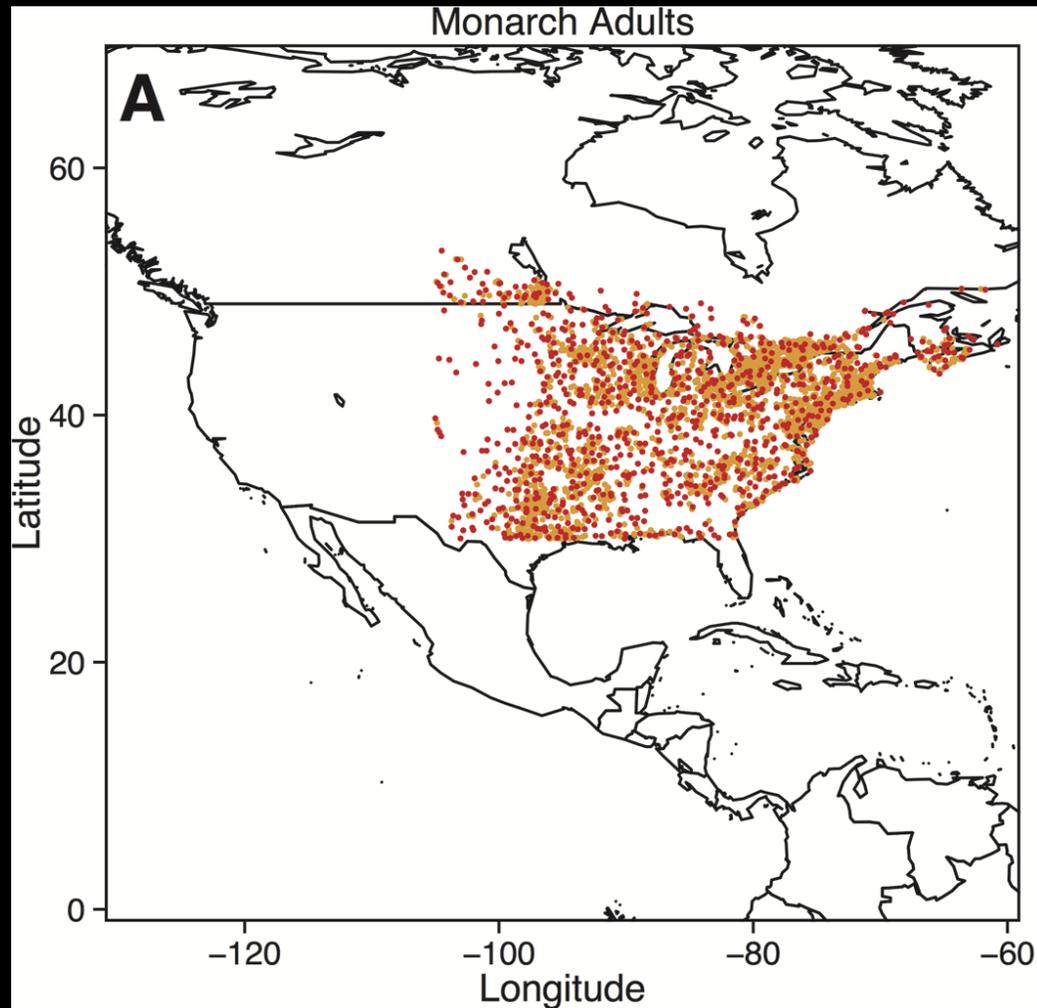


- Western Monarch
- Eastern Monarch

- Deforestation in Mexico
- Land-use change in the US
- Insecticides and Roundup
- Swallow-wort milkweeds
- And...

Climate Change

- Generalist versus specialist
- Distribution of milkweed



What We Can Do: Waystation

- Proper area and sunshine
- Sheltering plants
- MILKWEED!
- Nectar sources
- IPM methods in yard practices
- Certify waystation



Foreseeable Benefits



- Provide habitat for monarchs
- Overnight stop rather than rest stop
- Aesthetic appeal
- Visibility on Waystation website, *Monarch Watch*
- More spaces for headbutting



Thanks!

Questions?