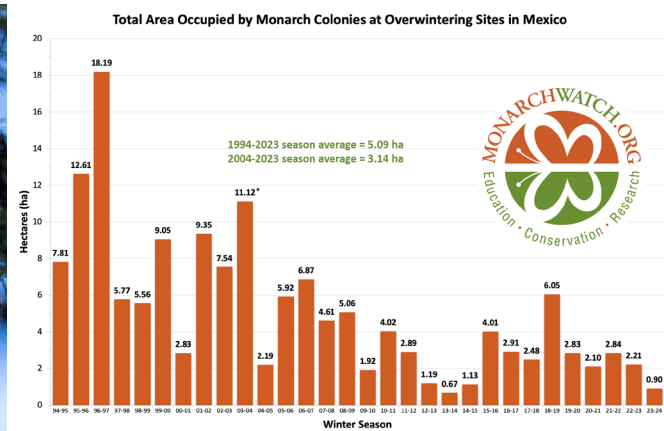


Resilient Landscapes for Monarchs

Kristen Baum
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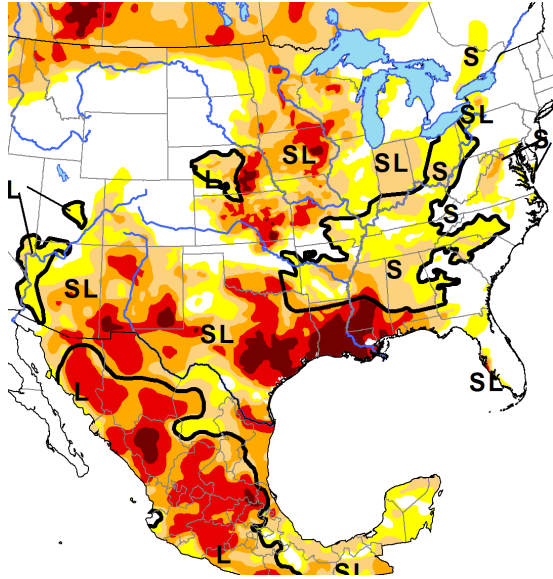


1994-2023 data collected by personnel of the Monarch Butterfly Biosphere Reserve (MBBR) of the National Commission of Natural Protected Areas (CONANP) in Mexico. 2004-2023 data collected by World Wildlife Fund Mexico in collaboration with the National Commission of Natural Protected Areas (CONANP), the National Autonomous University of Mexico (UNAM), and the MBBR. * Represents colony size measured in November of 2003 before the colonies consolidated. Measures obtained in January 2004 indicated the population was much smaller; possibly 8-9 hectares. CT

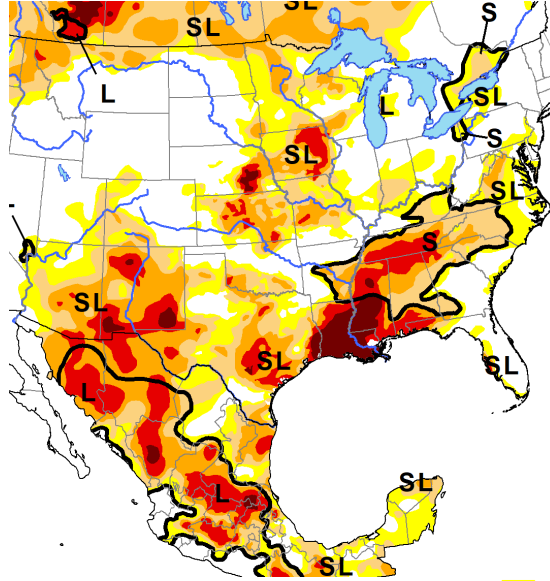


Tagged, Ohio, 9-25-2023
Photographed, El Rosario, 1-22-2024
@courtwhelan on Insta

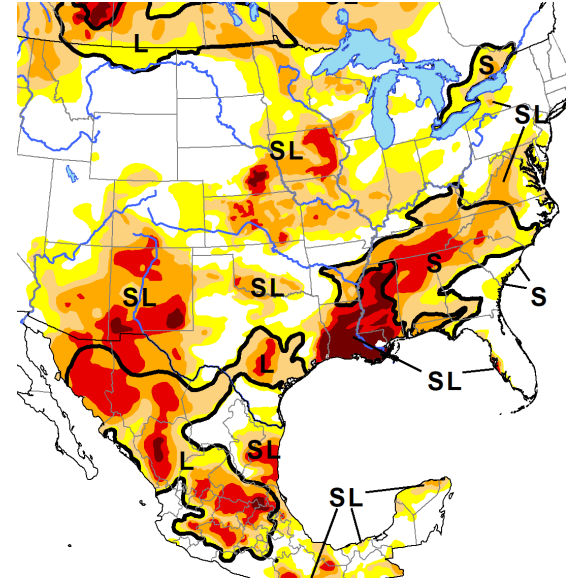
September 30, 2023



October 31, 2023



November 30, 2023



<https://droughtmonitor.unl.edu/NADM/Maps.aspx>

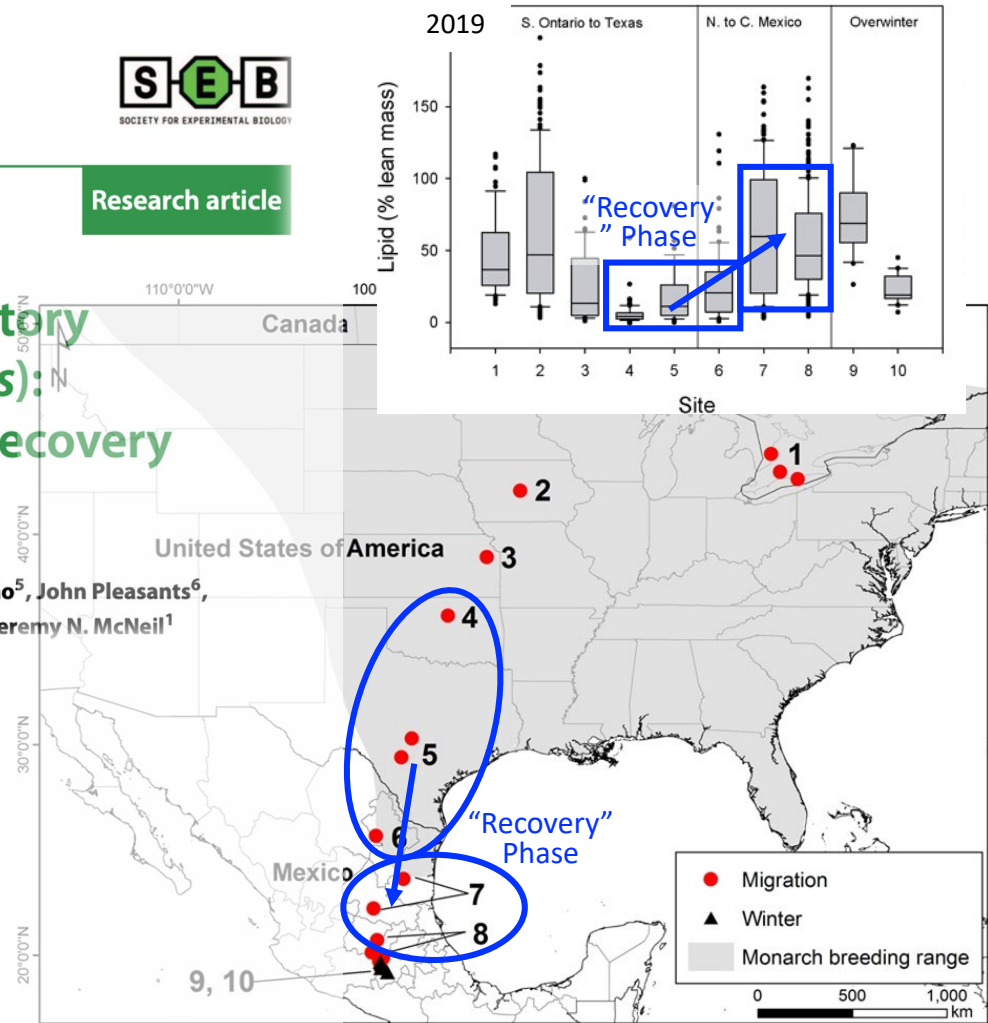
- Abnormally Dry
- Moderate Drought
- Sever Drought
- Extreme Drought
- Exceptional Drought

Dynamics of stored lipids in fall migratory monarch butterflies (*Danaus plexippus*): Nectaring in northern Mexico allows recovery from droughts at higher latitudes

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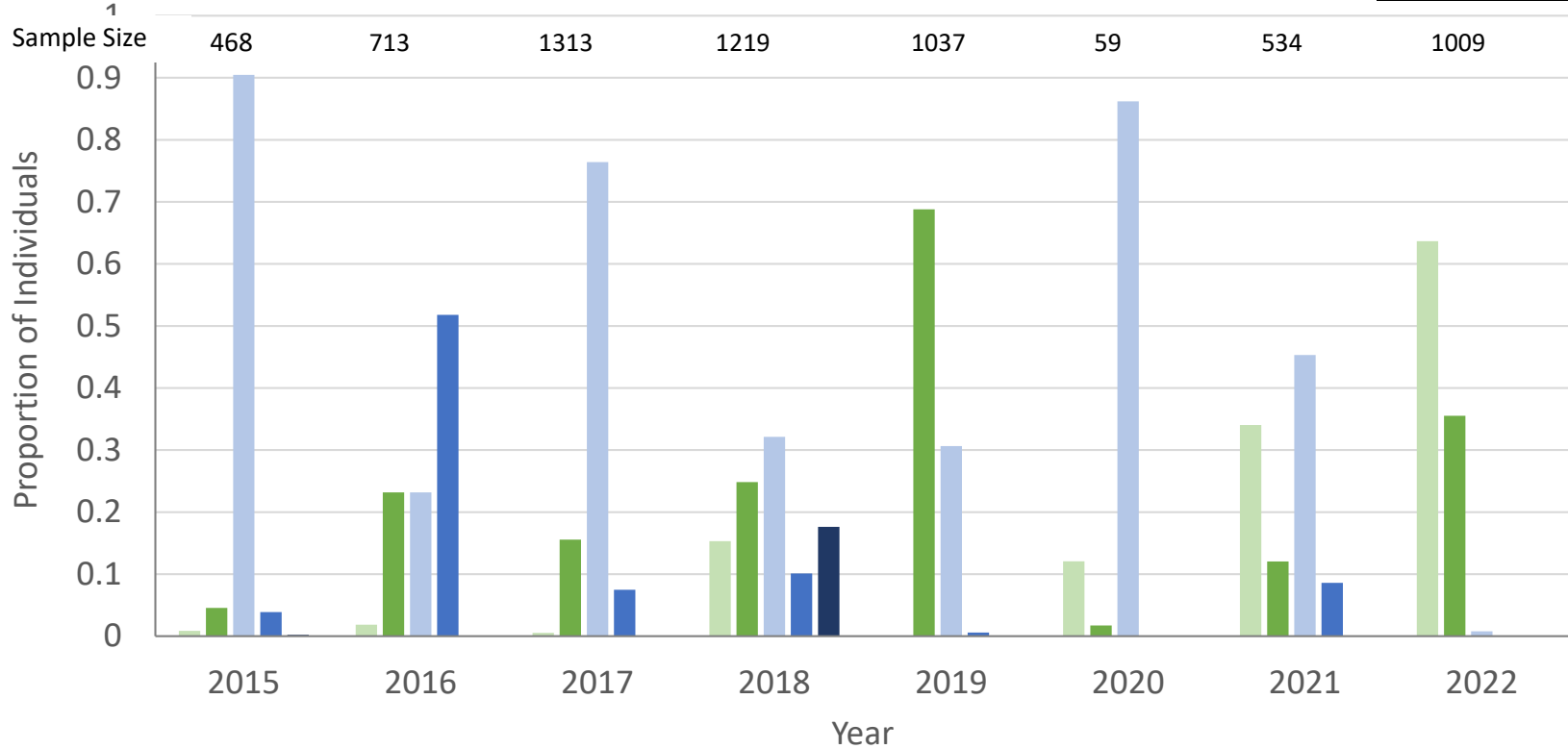
<https://doi.org/10.1093/conphys/coad087>



Fall Migrants by Week

Peak Migration →

Week	Date Range
38	9/24/22-9/30/22
39	10/1/22-10/7/22
40	10/8/22-10/14/22
41	10/15/22-10/21/22
42	10/22/22-10/28/22





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