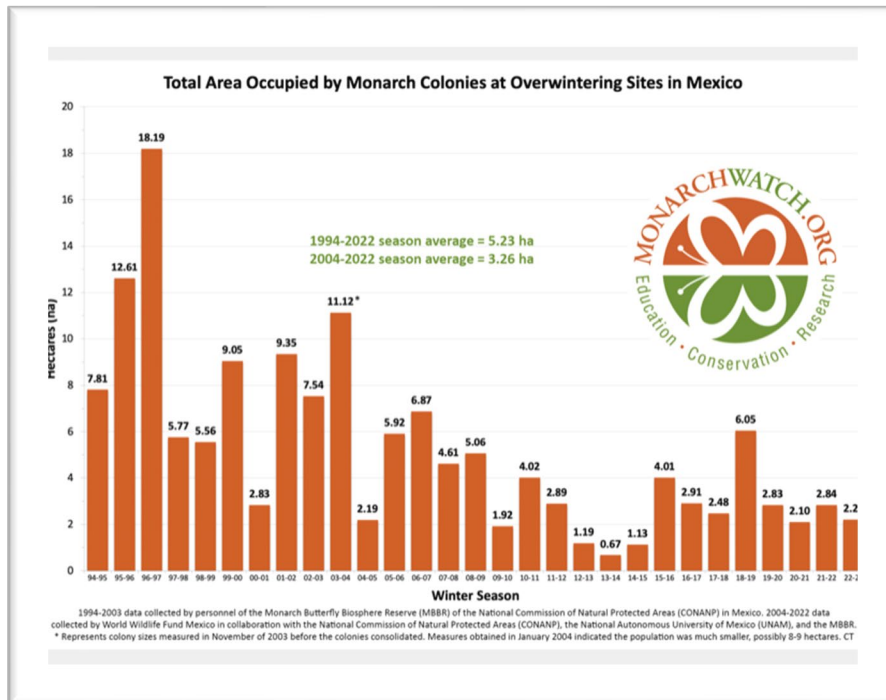


Did You Know? We all can help the monarch butterfly!
The Land Grant Mission in Action
 By Lynne Campbell

Take a look at the graph. What do you notice? What do you wonder?
 Write some things down and we will come back to this later.....



I am P&S Employee who works for [Iowa 4-H Youth Development](#) as a member of the [Ag and Natural Resources Team](#). I love my job as a P&S employee at Iowa State University. Our team writes grants to develop and implement innovative programming featuring innovation in agriculture and conservation of natural resources. The goal is mentoring that fosters leadership development for both youth and adults with a focus to [take action](#). Do you know why 4-H was started? Check out the [story of 4-H in Iowa](#).

My favorite part of my P&S job is working with faculty, researchers, and other P&S staff to truly live the [Land Grant Mission](#), that is sharing expertise from Iowa State University with the citizens of Iowa across our [99-county campus](#). To accomplish this we build partnerships with private business, industry, and governmental organizations such as partnering with the [National 4-H Council](#) and [Bayer](#) to develop the [Ag Innovators Experience \(AIE\)](#) Challenges that include [Monarchs on the Move](#), [Native Bee Challenge](#) and [Water Connects Us All Challenge](#) and partnering with [Corteva for the 4-H Pollinator Habitat Program](#). I also provide outreach support for the [Iowa Monarch Conservation Consortium](#) that was started by now [ISU President Wendy Wintersteen](#). One key research partner with the Consortium is the [USDA ARS Corn Insects and Crop Genetics Unit](#), a governmental organization that provides monarch eggs to classrooms at

the beginning of the school year so students can rear monarch eggs to adult butterflies. Students raise and [tag the monarch butterflies](#) for the [migration to Mexico](#). The Monarch Eggs Project began as an [Iowa DNR REAP Conservation Education Program \(CEP\) Grant](#). To bring this all together, I also teach a graduate class in the [Iowa State University School of Education](#) Master's of Arts in Teaching [Science](#), [Math](#) and [Social Studies](#) (MAT) Program called Teaching with Disciplinary Literacy. As a secondary teacher for 19 years and AEA science consultant for 7 years, we strive to create experiences to ensure both 4-H participants and MAT students are immersed in effective teaching and learning experiences based on the [Experiential Learning Model](#) and [Iowa Academic Standards](#). Programming is strengthened by collaboration with our multiple partners.

So what does all of this have to do with the graph above? Perhaps you noticed that the graph is trending downward. The data demonstrates that the monarch population has declined over time. To celebrate the impact of P&S Employees, we invite Professional and Scientific Employees to attend a 40-minute Monarch Immersion Experience on Friday, September 22nd to explore the monarch butterfly and how we all can be part of the solution to reverse that downward trend. Participants will learn about pollinator conservation, monarch tagging, and tour the USDA Monarch Rearing Facility in [Science Hall 2](#). We will begin in Room 433. #IA4-HANRA&B.

Please note: Each session is limited to 15 P&S Staff. Other USDA regulations will apply.

Session 1: 10 am
Session 2: 11 am
Session 3: 12 pm
Break
Session 4: 2 pm
Session 5: 3 pm
Session 6: 4 pm

To register, please submit the google form at this link: <https://forms.gle/XK2eL9pT2cEbvWgQ8>