

Lightning Talk

# MJV Science Updates and Innovations

---

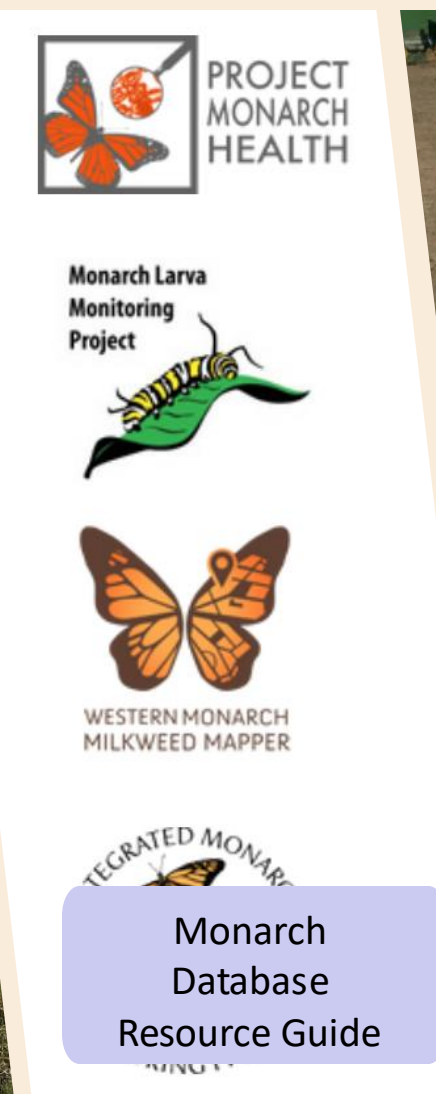
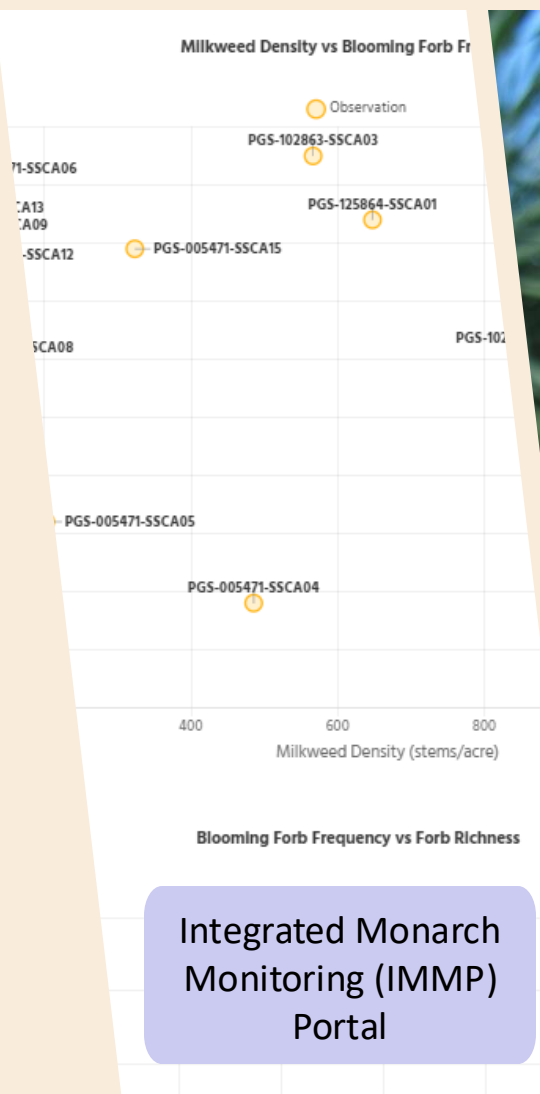
**Jennifer Thieme**

Monarch Joint Venture





# Expanding Data Computability & Access







# Strengthening Field Data Collection



Integrated Monarch  
Monitoring (IMMP)



Remote Sensing



Monarch Larva  
Monitoring Project  
(MLMP)



Expanded Field  
Methods



Department of  
Defense Support



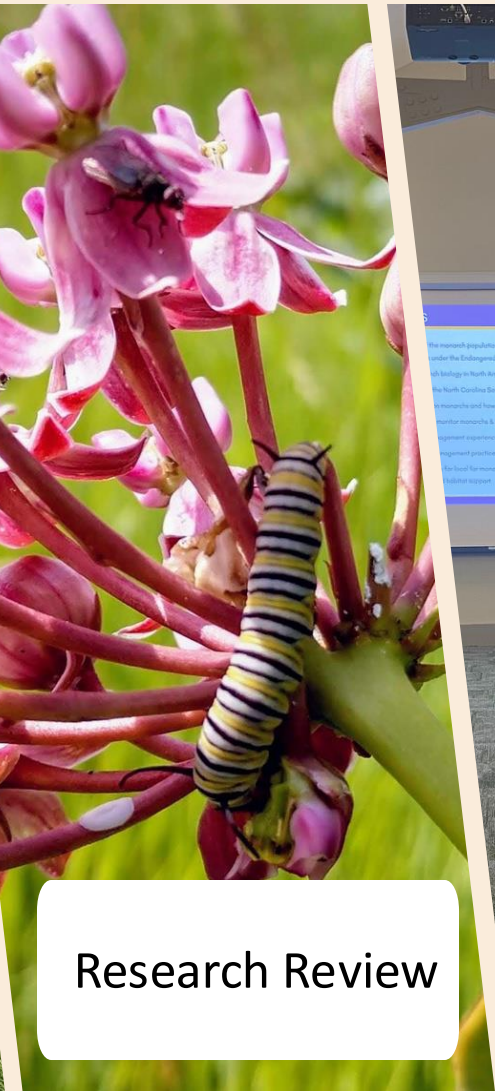




# Partner-Driven Science & Collaboration



Partner  
Connections



Research Review



Conservation  
Planning & Input

## A. Monarch Research Priorities

### Conservation Effectiveness and Oppor

1. Evaluate effectiveness of conservation actions and generate or modify best management practices
  2. Identify and evaluate factors that influence adoption (e.g., costs, benefits, barriers, sociological considerations for other species).
  3. Develop regional guidance and standards for selecting nectar plants for habitat restoration and enhancement. With landscape connectivity in mind, identify high priority locations, and breeding areas throughout the monarch range. Identify land that is available for monarch conservation and underutilized.
- Develop standard indicators to evaluate the effectiveness of monarch conservation.

### Efficacy

Coordinate monitoring efforts via development and dissemination of protocols and data standards. Identify gaps in existing datasets to inform future habitat management. Maintain trilateral research collaboration and develop compatibility (e.g., seamless land use maps, pesticide

### Monarch Habitat Use and Distribution

Study the species-specific relationships of monarchs and their staging/roosting sites, and determine what characterizes these sites across various scales, geographies, and seasons.<sup>A</sup>

Identify high priority areas for conservation and management. Determine the effectiveness of conservation actions and management practices.

Data &  
Information  
Working Group



FAQs & Outreach