

Lightning Talk

# MJV Science Updates and Innovations

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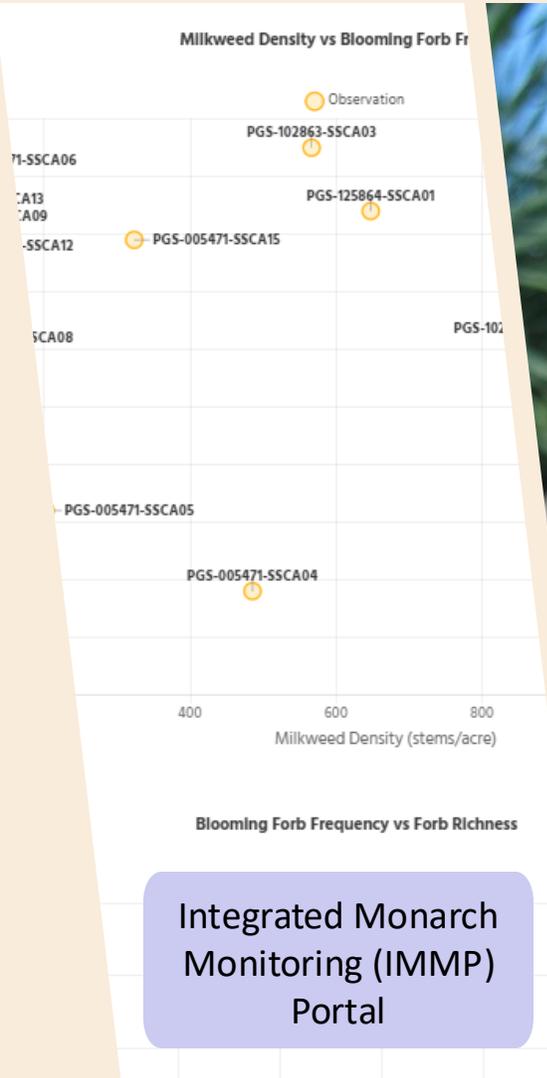
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Monarch Joint Venture





# Expanding Data Compatability & Access



Integrated Monarch Monitoring (IMMP) Portal



Journey North & Monarch Larva Monitoring Project (MLMP)



Peer Reviewed Manuscripts

PROJECT MONARCH HEALTH

Monarch Larva Monitoring Project

WESTERN MONARCH MILKWEED MAPPER

INTEGRATED MONARCH

Monarch Database Resource Guide



Remote Sensing Platform (POLLi)





# 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 Opportunity

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, 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 that is underutilized. Develop standard indicators to evaluate the effectiveness of conserve monarch habitats.

#### Efficacy

Coordinate monitoring efforts via development and distribution with an emphasis on existing 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...

#### Understanding Habitat Use and Distribution

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

Identify habitat...  
Evaluate habitat...  
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mine...  
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Data & Information Working Group



FAQs & Outreach