

National Fish & Wildlife Foundation

CRYSTAL BOYD



National Fish and Wildlife Foundation - Program Update
MJV & ROWHWG Annual Meeting

Crystal Boyd, Sr. Manager of Pollinator Programs

March 7, 2023

Monarch Butterfly and Pollinators Conservation Fund

Vision: To conserve North American monarch butterfly populations and their migrations by improving the quality, quantity, and connectivity of pollinator habitat.



Monarch Butterfly and Pollinators Conservation Fund (2015 – 2022)



123 grants: \$19.7 M

Grantee match: \$32.3 M

Total impact: \$52.0 M



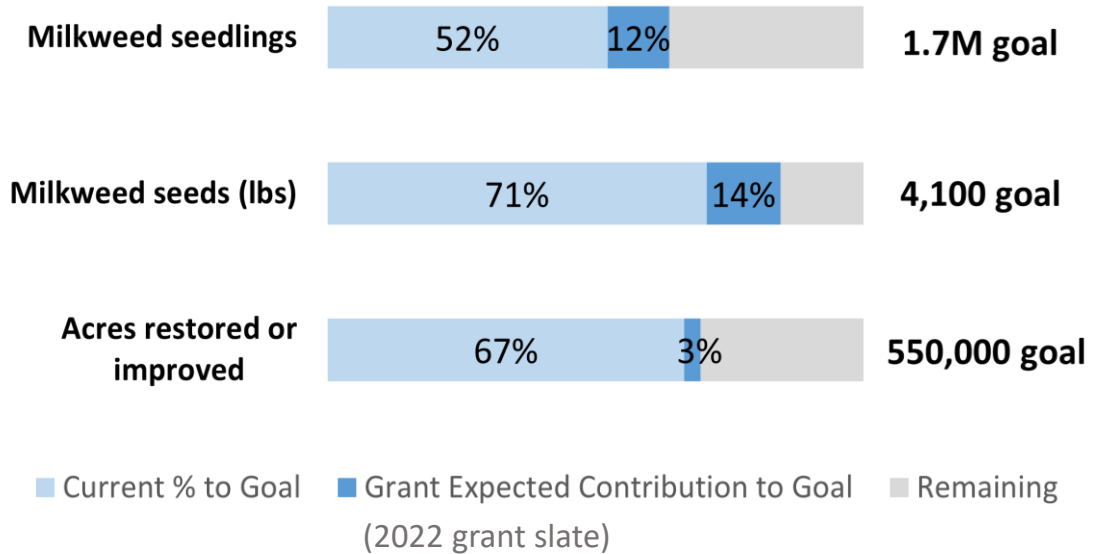
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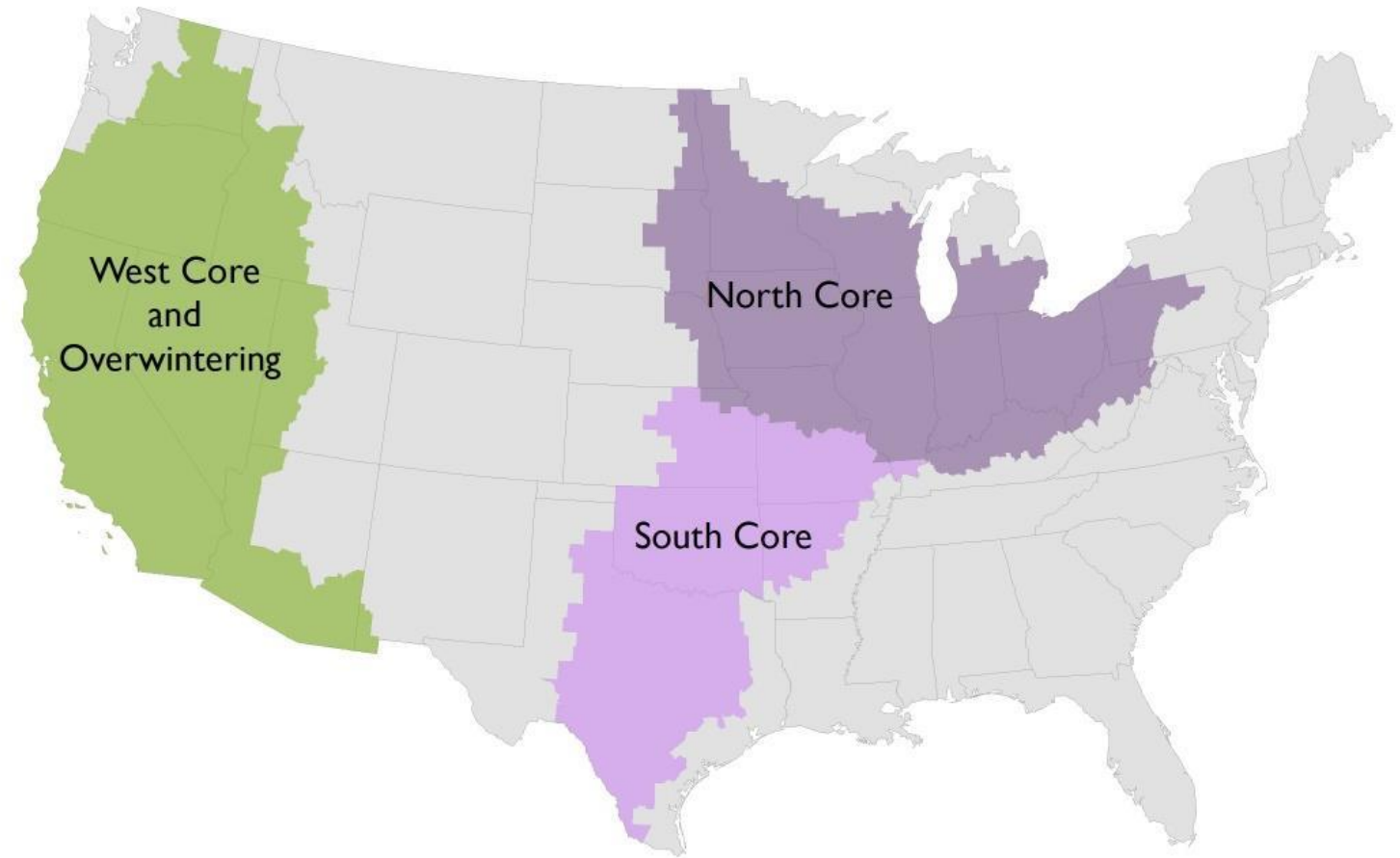


Geographic Focus

- **Primary Focus Areas**
 - North Core
 - South Core
 - West Core and Overwintering



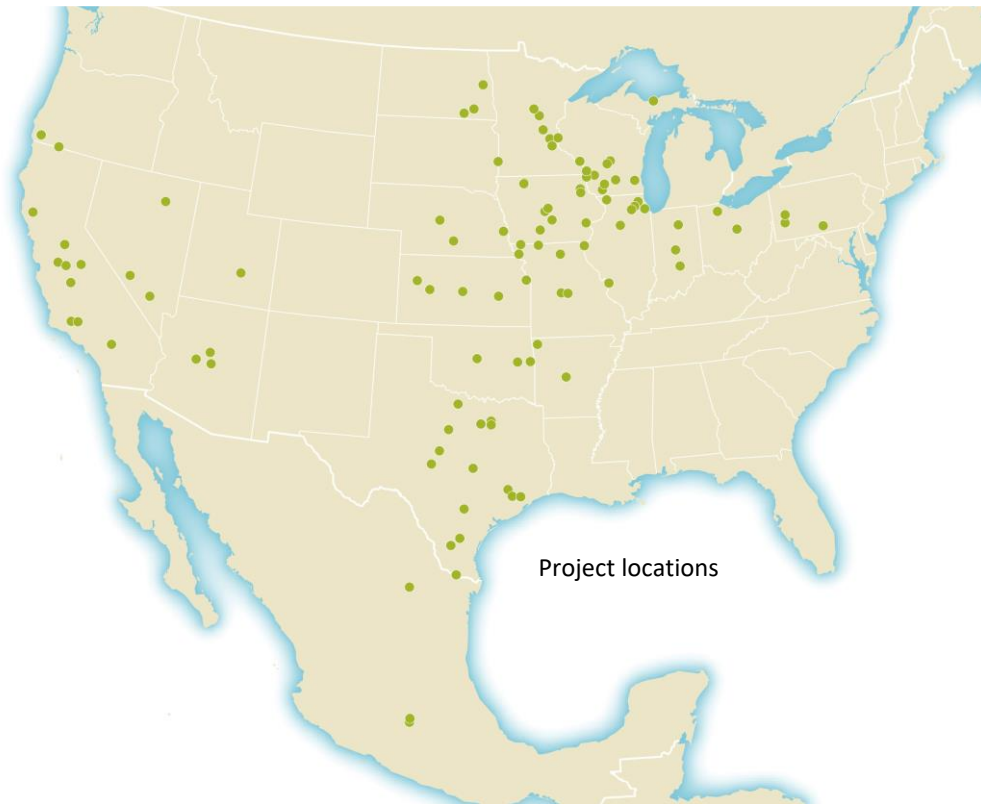
Monarch Conservation Units



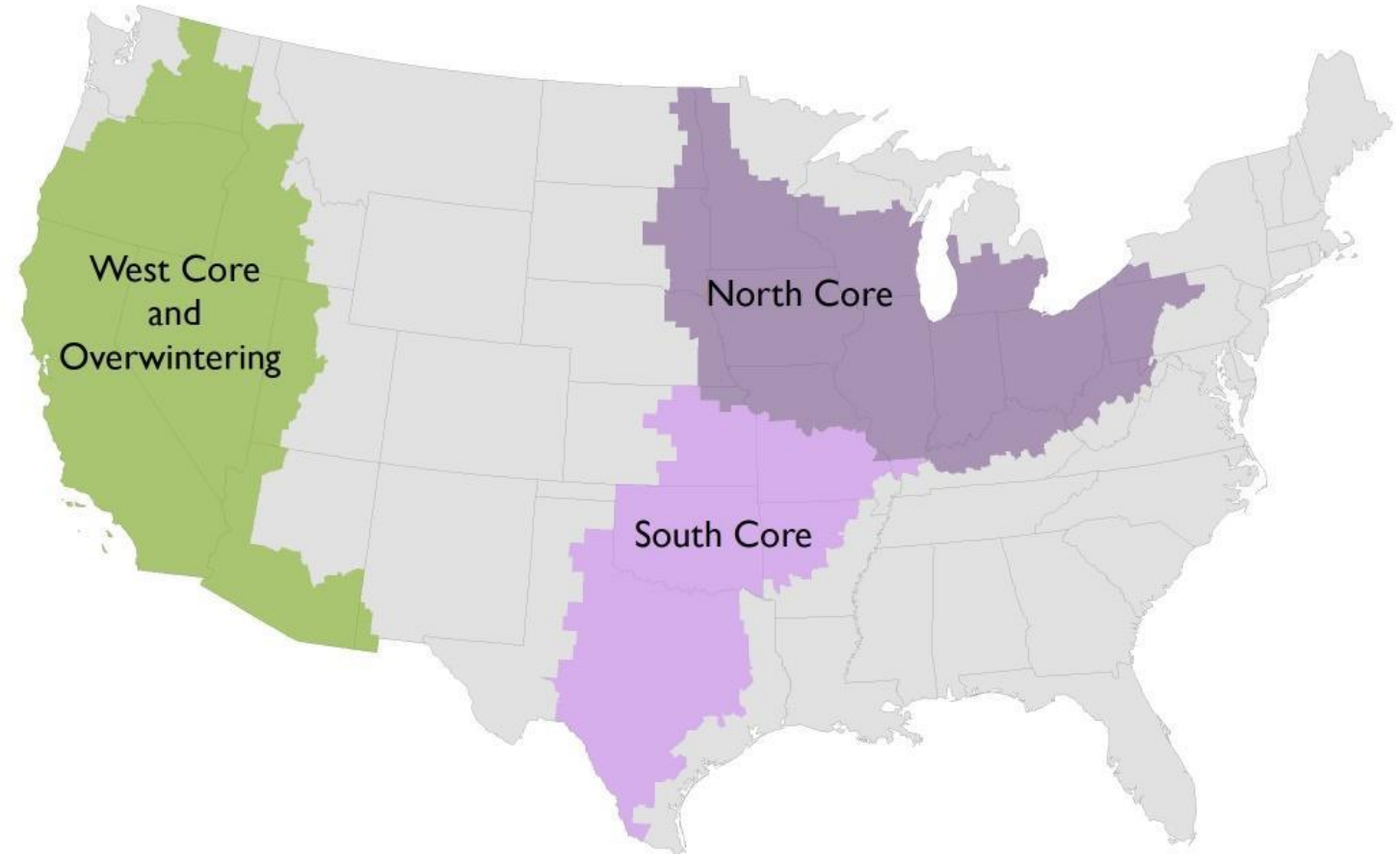
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Monarch Conservation Units



Key Strategies

1. Habitat Improvement
2. Technical Assistance



Key Strategies

1. Habitat Improvement

- Milkweed and nectar plantings
- Habitat enhancement
- Milkweed seed collection
- Seedling propagation



Key Strategies

2. Technical Assistance

- Hire or sustain staff enrolling private landowners in Farm Bill programs
- Management planning
- Practice design and implementation



Metrics

Proposals must include a minimum of
150 acres restored or enhanced.



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150* acres restored or enhanced.

*Check the 2023 RFP when it's released in late spring to confirm this number.



Monarch caterpillar

Metrics

Since 2015, successful proposals included a median of 920 acres and an average of 2,115 acres restored or enhanced.



Monitoring NFWF Investments

Monarch caterpillar on milkweed
at NFWF project site in Iowa

- NFWF & MJV Monitoring
 - 4 years: 2019 – 2022
 - 1,392 surveys using IMMMP
 - 15 states
 - Eastern flyway (TX to MN)
 - Western flyway (CA, OR, AZ)



Searching milkweed for eggs and larvae.
Credit: Monarch Joint Venture

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- NFWF & MJV Monitoring
 - 4 years: 2019 – 2022
 - 1,392 surveys using IMMP
 - 15 states
 - Eastern flyway (TX to MN)
 - Western flyway (CA, OR, AZ)
- Encourage applicants to include IMMP surveys
 - Habitat condition
 - Monarch use and breeding



Searching milkweed for eggs and larvae.
Credit: Monarch Joint Venture

Monitoring Plans (2024+)

Monarch caterpillar on milkweed
at NFWF project site in Iowa

- Continue monitoring and evaluation
 - Species distribution
 - Habitat condition
 - Adult monarch use and breeding



Searching milkweed for eggs and larvae.
Credit: Monarch Joint Venture

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www.nfwf.org/monarch



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[www.nfwf.org/programs/
america-beautiful-challenge](http://www.nfwf.org/programs/america-beautiful-challenge)

Applicant webinar – March 9, 2023

Pre-proposals due – April 20, 2023
(required)

Full proposals due – July 20, 2023
(if invited forward from pre-proposal)



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Refreshment Break

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TREES

BOOTS TO THE BOARDROOM



Research Updates & Discussion

