



NFWF

Monarch Butterfly and Pollinators 2019 Grant Slate

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PARTNERS

- Shell Oil Company
- USDA Natural Resources Conservation Service
- U.S. Forest Service
- Bureau of Land Management
- U.S. Fish and Wildlife Service



Monarch butterflies

ABOUT NFWF

The National Fish and Wildlife Foundation (NFWF) protects and restores our nation's fish and wildlife and their habitats. Created by Congress in 1984, NFWF directs public conservation dollars to the most pressing environmental needs and matches those investments with private funds. Learn more at www.nfwf.org

NATIONAL HEADQUARTERS

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OVERVIEW

In 2015, the National Fish and Wildlife Foundation (NFWF) established the Monarch Butterfly and Pollinators Conservation Fund (MBPCF) to reverse recent population declines and ensure the survival of the monarch butterfly and other at-risk insect pollinators. In 2019, the program announced \$1.57 million in funding for 10 projects to provide pollinator-centric technical assistance to private landowners or improve habitat for monarchs and other insect pollinators. Grantees committed an additional \$2.86 million in matching contributions for a total conservation impact of more than \$4.43 million.

The fund is a public-private partnership administered by NFWF with funding and other support from Shell Oil Company, the U.S. Department of Agriculture's Natural Resources Conservation Service and Forest Service, and the U.S. Department of the Interior's Bureau of Land Management and Fish and Wildlife Service.

The 2019 projects address two key strategies:

- Increasing technical capacity and technical assistance to expand pollinator conservation efforts on private working lands
- Improving the availability of high-quality pollinator habitat

(continued)



GRANTS: TECHNICAL ASSISTANCE

The following projects provide technical assistance on private working lands to help working lands managers and producers develop management plans, implement conservation practices, and enroll in Farm Bill programs to improve working lands functions and enhance pollinator habitat across an array of land ownership.

Providing Technical Assistance on Private Working Lands to Increase Monarch Conservation (CA)

Grantee: The Xerces Society for Invertebrate Conservation
 Grant Amount:.....\$171,783
 Matching Funds:.....\$171,784
Total Amount:..... \$343,567

Hire a new Monarch Butterfly and Pollinator Conservation Planner who will develop monarch conservation plans, provide technical assistance for habitat restoration projects on private working lands, and coordinate trainings and outreach on monarch conservation for landowners in California. Project will bring 500 acres under improved management, restore 100 acres of habitat, develop 36 conservation plans, conduct eight workshops and provide technical assistance to over 200 landowners.

Increasing Technical Assistance to Engage Landowners in Pollinator Conservation (IA, IL, MN, WI)

Grantee: The Prairie Enthusiasts
 Grant Amount:.....\$245,518
 Matching Funds:.....\$255,000
Total Amount:..... \$500,518

Create two landowner-focused staff positions and develop an outreach and technical assistance program in the upper Midwest to implement recovery plans for the monarch butterfly, Karner blue butterfly, and rusty patched bumble bee. Project will identify and engage private working landowners to carry out pollinator habitat restoration and management projects, bringing 3,000 acres under improved management and restoring 2,000 acres of habitat.

Improve the Scale and Coordination of Monarch Conservation Efforts through Technical Assistance (CA)

Grantee: Monarch Joint Venture
 Grant Amount:.....\$182,699
 Matching Funds:.....\$183,000
Total Amount:..... \$365,699

Employ a Western Habitat Specialist based in central California for two years to increase strategic habitat implementation and stakeholder engagement in response to the declining western monarch population. Project will provide technical assistance to local farmers, ranchers, and other private landowners to implement monarch and pollinator habitat practices on private working lands,



Karner blue butterfly

bringing 450 acres under improved management, restoring 590 acres and engaging 550 landowners.

Using Technical Assistance to Increase Resource Conservation District Efforts for Monarchs (CA)

Grantee: California Association of Resource Conservation Districts
 Grant Amount:.....\$300,000
 Matching Funds:.....\$800,000
Total Amount:..... \$1,100,000

Utilize the California network of Resource Conservation Districts to advance technical assistance for monarch and pollinator habitat restoration and enhancement on private working lands by hiring a part-time statewide Monarch Project Coordinator position and one full-time Technical Assistance Trainer. Project will develop 50 pollinator conservation plans, restore 50 acres of habitat, coordinate 63 meetings and workshops, and reach 150 landowners.

Providing Technical Assistance for Landowners using Prescribed Fire to Benefit Monarch Habitat (TX)

Grantee: Pheasants Forever
 Grant Amount:.....\$300,000
 Matching Funds:.....\$300,000
Total Amount:..... \$600,000

Hire a Prescribed Fire Coordinator to provide technical assistance to private working lands through the development of a landscape-scale partnership that will educate and train private landowners and land managers in the use of prescribed fire to enhance habitat for monarchs and other pollinators on central Texas. Project will restore 6,600 acres of habitat, develop 30 conservation plans and facilitate 18 workshops reaching 500 landowners.



GRANTS: HABITAT IMPROVEMENT

The goal of this conservation strategy is to create and sustain a connected patchwork of habitat that supports insect pollinators and the annual migration of the monarch butterfly. Emphasis is placed on restoring and enhancing land to support ample milkweed and nectar plants. In addition, this strategy includes work to ensure an adequate supply of seed or plugs of native milkweed and nectar-producing plants to support habitat restoration efforts.

Evaluating and Enhancing Monarch Overwintering Habitat (CA)

Grantee: The Xerces Society for Invertebrate Conservation
Grant Amount:.....\$75,000
Matching Funds:.....\$285,235
Total Amount:..... \$360,235

Sustain a position in California to enhance the quality of critical overwintering habitat to help western monarch survival. Project will evaluate the quality of 27 overwintering sites and provide recommendations for enhancement to land managers, develop site management plans for seven of the top 50 most important overwintering sites, enhance 32 acres at sites receiving management plans, and hold two workshops for 40 managers of overwintering sites.

Improving Pollinator Habitat Connectivity in the Midwest and Great Lakes Flyway (AR, IL, MI, MN, WI)

Grantee: Pollinator Partnership
Grant Amount:.....\$74,971
Matching Funds:.....\$306,900
Total Amount:..... \$381,871

Develop and expand a regional seed collection and native plant materials network program in the Midwest and Great Lakes region to support monarch butterflies, rusty patched bumble bees and other declining pollinator species. Project will improve more than 5,000 acres of pollinator habitat, collect 50 pounds of milkweed seed, collect 50 pounds of nectar plant seed, and propagate 2,000 milkweed seedlings and 1,000 nectar species seedlings.

Increasing and Improving Native Seed Resources for Pollinator Habitat Restoration (OK)

Grantee: The Learning Center at the Euchee Butterfly Farm
Grant Amount:.....\$74,816
Matching Funds:.....\$83,500
Total Amount:..... \$158,316

Improve seed bank volume and species diversity to increase the quantity and quality of monarch and pollinator habitat restoration on tribal lands in Oklahoma. Project will increase plant identification training to improve the efficiency of target species harvesting, expedite seed processing and storage and produce 20,000 native nectar and milkweed plants.



Monarch butterfly caterpillar

Implementing Best Management Practices for Pollinator Habitat Restoration (TX)

Grantee: American Bird Conservancy
Grant Amount:.....\$75,000
Matching Funds:.....\$75,000
Total Amount:..... \$150,000

Support on-the-ground implementation of site-specific land management practices to increase the quality, quantity, and connectivity of habitat for monarch butterflies and pollinators in southern Texas. Project will restore 500 acres of degraded habitat within the core area of the monarch's migratory route by incentivizing landowners to conduct pre-approved land management practices that restore degraded habitat and increase suitable habitat for monarchs, pollinators, and grassland birds.

Increasing Native Prairie Habitat Abundance and Quality to Benefit Pollinators (IA)

Grantee: Iowa Natural Heritage Foundation
Grant Amount:.....\$75,000
Matching Funds:.....\$300,000
Total Amount:..... \$375,000

Purchase seeds and plant new native prairie habitat that increases the amount of quality native prairie on public land to benefit monarchs, pollinators and other wildlife and improve management on remnant and previously restored prairie and savanna habitat throughout Iowa. Project will bring 2,000 acres under improved management and restore 415 acres of habitat through new prairie plantings.