



Monarch Butterfly and Pollinators: 2020 Report



ABOUT NFWF

Chartered by Congress in 1984, the National Fish and Wildlife Foundation (NFWF) protects and restores the nation's fish, wildlife, plants and habitats. Working with federal, corporate and individual partners, NFWF has funded more than 5,000 organizations and generated a total conservation impact of \$6.1 billion.

Learn more at www.nfwf.org

NATIONAL HEADQUARTERS

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Monarch butterfly

Since 2015, the Monarch Butterfly and Pollinators Conservation Fund has awarded approximately **\$14.9 million** to 98 projects that are helping conserve and recover the imperiled monarch butterfly and other pollinators. Grantees have matched this investment with an additional **\$24.6 million**, for a total on-the-ground impact of more than **\$39.5 million**.

MONARCH BUTTERFLY AND POLLINATORS CONSERVATION FUND: 2020 REPORT

The monarch butterfly is one of the most iconic species in North America and its annual migration cycle is one of the most remarkable natural phenomena in the world. However, during the past 20 years, the monarch butterfly population has declined by more than 80 percent throughout much of its range. Pollinators such as the federally endangered rusty patched bumble bee are also experiencing population declines. Habitat loss is one of the primary factors challenging pollinators.

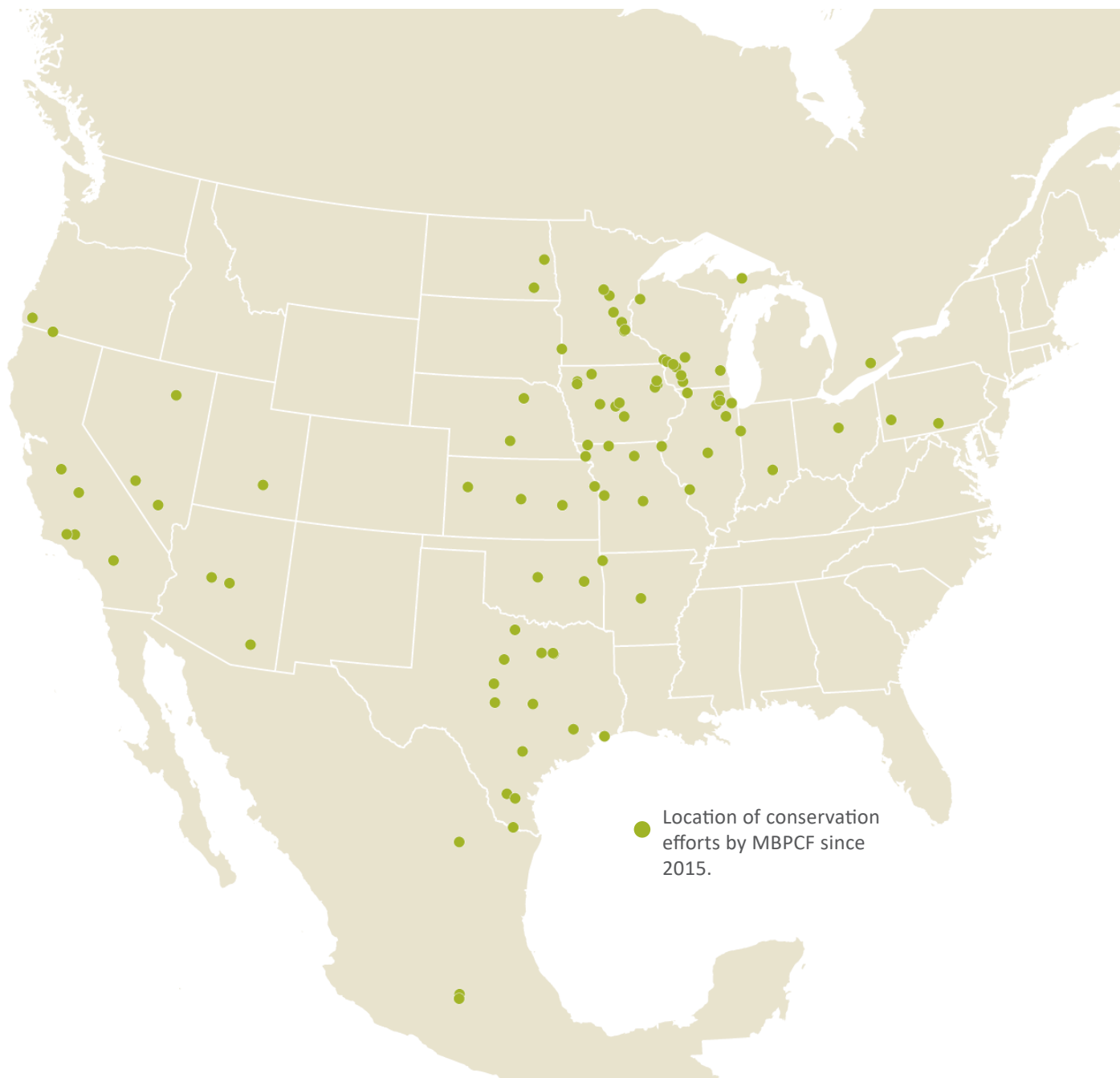
In response to this threat, the National Fish and Wildlife Foundation (NFWF) established the Monarch Butterfly and Pollinators Conservation Fund in 2015 to protect, conserve and increase habitat for pollinators. Partners include Bayer, Shell Oil Company, U.S. Fish and Wildlife Service, U.S. Forest Service, USDA's Natural Resources Conservation Service, Bureau of Land Management, and U.S. Geological Survey. The program invests in projects that improve the availability of high-quality habitat, increase the capacity needed to expand conservation efforts into the future, and support implementation of technical assistance to engage private landowners with pollinator conservation practices on working lands. By leveraging the resources and expertise of its partners in this way, the program is helping to reverse recent population declines and ensure the survival of monarch butterflies and other pollinators.

(continued)



NFWF

Monarch Butterfly and Pollinators Conservation Fund



98

Projects funded

1,140

Pounds of native milkweed seed collected

1,500

Workshops or meetings hosted

301,000

Acres restored or enhanced

832,000

Native milkweed seedlings propagated



Since 2015, the Monarch Butterfly and Pollinators Conservation Fund has supported projects that address the following three conservation priorities to restore populations of at-risk pollinators:



Rusty patched bumble bee | Credit: Lisa Nordstrom Kuck

INCREASING THE QUALITY AND QUANTITY OF HABITAT

The goal of this conservation strategy is to create and sustain a connected patchwork of pollinator habitat to support at-risk pollinators and the monarch butterfly. It emphasizes restoring and enhancing land to support ample milkweed and nectar plants as well as overwintering habitat. This strategy also seeks to ensure adequate supply of native milkweed and nectar-producing plant seeds or plugs for habitat restoration efforts.

PROJECT EXAMPLE: Ecoregional Seed Program for Monarchs across Eastern Broadleaf Forest

NFWF Award Amount \$150,000
Matching Funds \$485,080
Total Project \$635,080

The Pollinator Partnership established a seed collection program for the Eastern Broadleaf Forest and provided technical assistance to public and private land managers in five states. The project collected 60 pounds of milkweed seed and propagated 11,000 seedlings to support the improvement of 27,000 acres of monarch habitat.

COORDINATION, CAPACITY BUILDING

The goal of this conservation strategy is to increase organizational capacity and coordination among organizations, states, and regions engaged in pollinator conservation. Grant funding supports work to develop regional strategies and plans, build capacity and expertise, maximize information exchange, and distribute information about on-the-ground conservation practices.

PROJECT EXAMPLE: Developing a Central Flyway Monarch Conservation Strategy

NFWF Award Amount \$144,750
Matching Funds \$170,000
Total Project \$314,750

The Midwest Association of Fish and Wildlife Agencies led a regional coordination process to develop a Central Flyway Monarch Conservation Strategy for states located along the eastern monarch migratory corridor. The project established common habitat and population goals, as well as strategies and monitoring protocols to be implemented at the state level.

TECHNICAL ASSISTANCE FOR PRIVATE WORKING LANDS

This conservation strategy supports implementation of technical assistance to increase the number of private landowners engaged in pollinator conservation practices on private working lands.

PROJECT EXAMPLE: Using Technical Assistance to Increase Resource Conservation District Effort for Monarchs

NFWF Award Amount \$300,000
Matching Funds \$800,000
Total Project \$1,100,000

The California Association of Resource Conservation Districts is providing technical assistance on private working lands by hiring a statewide Monarch Project Coordinator and a Technical Assistance Trainer. The project is developing 50 pollinator conservation plans, restoring 50 acres of habitat, coordinating 63 meetings and workshops, and reaching 150 landowners.

MONARCH BUTTERFLY AND POLLINATORS GRANTEES

Alternare, A.C.	\$50,000	Parks and Wildlife Foundation of Texas	\$344,080
American Bird Conservancy	\$324,988	Pathfinders Resource Conservation and Development.	\$227,370
Arizona-Sonora Desert Museum	\$92,787	Pheasants Forever	\$1,130,000
Audubon International.	\$150,000	Pollinator Partnership	\$473,541
Audubon Society of Western Pennsylvania.	\$190,983	Prairie Pothole Partners	\$50,000
Bureau of Land Management.	\$86,916	Pronatura Noreste A.C.	\$50,000
Burroughs Audubon of Greater Kansas City	\$228,107	Regents of the University of Minnesota	\$222,392
California Association of Resource Conservation Districts.	\$300,000	Resource Conservation and Development for Northeast Iowa.	\$165,000
Compatible Lands Foundation.	\$235,992	Sand County Foundation.	\$98,768
Dakota County	\$150,000	Southwest Monarch Study.	\$88,950
Driftless Area Land Conservancy.	\$241,255	Superior Watershed Partnership	\$59,320
Field Museum of Natural History	\$147,988	Texan by Nature	\$411,959
Friends of Crex.	\$199,576	Texas Discovery Gardens.	\$125,000
Friends of Red Rock Canyon	\$109,208	Texas State Soil and Water Conservation Board	\$480,000
Friends of the Neal Smith NWR	\$87,000	The Board of Trustees of the University of Illinois	\$315,265
Great River Greening	\$195,916	The Conservation Foundation	\$247,942
Houston Wilderness	\$485,244	The Learning Center at the Euche Butterfly Farm	\$167,896
Iowa Natural Heritage Foundation.	\$739,998	The Nature Conservancy.	\$550,960
Jo Daviess Conservation Fund	\$83,640	The Prairie Enthusiasts	\$245,518
Kansas Grazing Lands Coalition	\$125,000	The Wetlands Initiative	\$166,497
Keystone Policy Center	\$30,000	The Xerces Society for Invertebrate Conservation	\$350,964
La Cruz Habitat Projection Project	\$60,000	U.S. Fish and Wildlife Service	\$1,167,663
Lomakatsi Restoration Project	\$193,785	University of Kansas Center for Research	\$248,006
Midwest Association of Fish and Wildlife Agencies	\$300,951	U.S. Forest Service	\$205,086
Missouri Botanic Garden.	\$154,500	Western Association of Fish and Wildlife Agencies	\$120,000
Missouri Conservation Heritage Foundation.	\$494,410	Wisconsin Department of Natural Resources.	\$169,796
Monarch Joint Venture	\$367,722		
National Wildlife Federation.	\$566,000		
National Wild Turkey Federation	\$99,999		
Natural Resources Foundation of Wisconsin.	\$100,000		
Nature Conservancy of Canada	\$80,000		
Nebraska Game and Parks Commission.	\$332,518		
North American Butterfly Association.	\$199,271		
		Total MBPCF Grant Awards (2015 - 2020)	\$14.9 million
		Total Grantee Matching Contributions	\$24.6 million
		Total Conservation Impact	\$39.5 million