

# Resources for Pollinator Habitat Programs, Projects, Education and Funding in Project Wingspan States

## Project Wingspan: Landscape Enhancement for Imperiled Pollinators of the Midwest



## **Thank you for your interest and participation in Project Wingspan!**

The Project Wingspan Team is grateful for your contributions to the conservation and improvement of monarch and other pollinator/wildlife habitat. Successful conservation of monarchs, rusty patched bumble bees, and other species of concern depend on the cumulative actions of many. Each of us, regardless of land ownership status, can play a part in ensuring the success of one of the largest conservation movements of this era – the plight of pollinators.

Project Wingspan aims to increase the quality, quantity, and connectivity of pollinator habitat throughout the Midwest and Great Lakes region. One way we are achieving this goal is through the creation and management of the trained volunteer seed collection network that has made it possible for this effort to award supplementary plant materials to hundreds of projects in need. Another way we seek to improve pollinator habitat stewardship is by providing training and sharing relevant information with conservation enthusiasts and professionals. As a result, Project Wingspan partners in each state have worked together to curate a list of additional programs, projects, funding opportunities, and educational resources to create this guide that we hope will help you reach your pollinator habitat goals.

The following pages are not exhaustive and may not include every resource available in your home state. However, we hope that these resources will provide additional support to assist you in making the most of the land you manage and/or own and provide opportunities for you and your community to support the health and habitat needs of our imperiled pollinators.

***Thank you for sharing your passion for pollinators with us!***

- The Project Wingspan Team

**Please review the following notes regarding this document before proceeding:**

- Blue colored text indicates that a hyperlink is attached to that text, which will direct users to the resource referenced.
  - The listing of a particular program or resource in this guide does not equate to an endorsement of the materials listed or linked.
  - In no manner is this list meant to be considered a complete, all-inclusive, or comprehensive list of all existing pollinator or habitat programs and information. Please feel free to share links to relevant resources with us ([info@pollinator.org](mailto:info@pollinator.org)) for future improvements of this document.
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## Resources for Pollinator Habitat Programs, Projects, Education, and Funding in Project Wingspan States

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# NATIONAL PROGRAMS and RESOURCES

## FEDERAL PROGRAMS

### Federal Wildlife Agency Programs

#### **National Park Service (NPS)**

- ❖ National Heritage Areas
  - ⇒ [Operation Pollination](#)
- ❖ [Pollinator Resource Page](#)
  - ⇒ [2014 Pollinator Presidential Memo](#)
  - ⇒ [Best Management Practices for Federal Lands](#)
  - ⇒ Pollinator educational resources
  - ⇒ Migration and species data

#### **U.S. Fish and Wildlife Service**

- ❖ [Monarch Butterfly Homepage](#)
  - ⇒ This website houses information and resources regarding Endangered Species Act status and conservation of the monarch butterfly
  - ⇒ [Assessing the status of the monarch butterfly](#)
- ❖ [Partners for Fish and Wildlife \(PFW\) Program](#)
  - ⇒ Private and local/county public lands eligible
  - ⇒ No cropping history required - some states have minimum size for grasslands
  - ⇒ 10-year agreements
  - ⇒ 50-100% cost-share (depending on other partners)
  - ⇒ Cost-share amounts: Vary by state. Check with your state's local agency office to inquire about possible minimum project size requirements
- ❖ [Rusty Patched Bumble Bee Species Profile](#)
  - ⇒ [Rusty Patched Bumble Bee Recovery Plan](#)
  - ⇒ [Rusty Patched Bumble Bee Fact Sheet](#)

- ❖ [State Wildlife Grant Program](#)

- ⇒ The State Wildlife Grant (SWG) Program provides Federal grant funds to State fish and wildlife agencies for developing and implementing programs that benefit wildlife and their habitats, including species that are not hunted or fished
- ⇒ Grant funds may be used to address a variety of conservation needs--such as research, fish and wildlife surveys, species restoration, habitat management, and monitoring—that are identified within a State's [Wildlife Action Plan](#). These funds may also be used to update, revise, or modify a State's Plan.

## **U.S. Department of Agriculture (USDA) Farm Bill Conservation Programs**

### **USDA, [Farm Service Agency](#) (FSA)**

- ❖ [Conservation Reserve Enhancement Program](#) (CREP)

- ⇒ CREP targets specific State or nationally significant conservation concerns, and federal funds are supplemented with non-federal funds to address those concerns. In exchange for removing environmentally sensitive land from production and establishing permanent resource conserving plant species, farmers and ranchers are paid an annual rental rate along with other federal and non-federal incentives as applicable per each CREP agreement. Participation is voluntary, and the contract period is typically 10-15 years.
- ⇒ Increased annual rental payment over regular CRP

- ❖ [Conservation Reserve Program](#) (CRP)

- ⇒ In exchange for a yearly rental payment, farmers enrolled in the program agree to remove environmentally sensitive land from agricultural production and plant species that will improve environmental health and quality. Contracts for land enrolled in CRP are 10-15 years in length. The long-term goal of the program is to re-establish valuable land cover to help improve water quality, prevent soil erosion, and reduce loss of wildlife habitat.

### **USDA, [Natural Resources Conservation Service](#) (NRCS)**

- ❖ [Agricultural Conservation Easement Program](#) (ACEP)

- ⇒ ACEP helps prevent agricultural working land conversion to nonfarm activities. It also encompasses restoration, protection, and enhancement of wetlands on agricultural

lands. Lands in production for crops, grazing, or private forests, and wetlands that have been converted to agricultural purposes, are eligible for financial assistance.

- ❖ Conservation of Natural Resources [Webinar Portal](#)
  - ⇒ The Conservation Webinar Portal provides live and on-demand webinars on multi-discipline topics in natural resource conservation by specialists primarily for the East service area states and the Caribbean. Attendees may earn professional education credit or a training certificate by viewing most live and on-demand webinars (Certified Crop Advisors, Conservation Planner Credit, International Society of Arboriculture, The Wildlife Society).
- ❖ [Conservation Stewardship Program](#) (CSP)
  - ⇒ Private agricultural and forest lands eligible (public lands not eligible). Provides payments for base conservation practices and specified enhancement. Payment rates vary by state. 5-year agreements. Producers must address resource concerns on all land uses on farm.
  - ⇒ Base practices can be done under other programs (e.g., EQIP)
- ❖ [Environmental Quality Incentives Program](#) (EQIP)
  - ⇒ The Environmental Quality Incentives Program (EQIP) provides financial and technical assistance to agricultural producers to address natural resource concerns and deliver environmental benefits such as improved water and air quality, conserved ground and surface water, increased soil health and reduced soil erosion and sedimentation, improved or created wildlife habitat, and mitigation against drought and increasing weather volatility
  - ⇒ Private ag and forest lands eligible (public lands are not eligible); 1-15 year contracts

### **Federally Produced Habitat Management Guidelines and Resources**

- ❖ [Cover Cropping for Pollinators and Beneficial Insects](#)
- ❖ [Growing Milkweed for Conservation \(Webinar\)](#)
- ❖ [Pollinator-Friendly Best Management Practices for Federal Lands](#)
- ❖ [United States Forest Service Pollinator Resources](#)
- ❖ [USDA-NRCS Online Publications Relating to Pollinators](#)
- ❖ [USDA-NRCS Online Portal for Insects and Pollinators](#)
- ❖ [USDA-NRCS Online Portal for Monarch Resources](#)
- ❖ [Using the 2014 Farm Bill Programs for Pollinator Conservation](#)

## NON-GOVERNMENTAL ORGANIZATIONS

### Pollinator Partnership:

- ❖ A non-profit 501(c)3 organization-- the largest in the world dedicated exclusively to the protection and promotion of pollinators and their ecosystems
  - ⇒ [Bee Basics: An Introduction to Our Native Bees](#)
  - ⇒ [Bee Friendly Farming](#)
  - ⇒ [Bee Smart School Garden Kits](#)
  - ⇒ [Ecoregional Planting Guides](#)
  - ⇒ [Habitat Restoration and Management Webinar Series](#)
  - ⇒ [Habitat Technical Training Virtual Workshop Series](#)
  - ⇒ [Honey Bee Health Grants](#)
  - ⇒ [Learning Center](#)
  - ⇒ [Million Pollinator Garden Challenge](#)
  - ⇒ [Mite-A-Thon](#)
  - ⇒ [Monarch Programs and Resources](#)
  - ⇒ [Native Pollinator Garden Recipe Cards](#)
  - ⇒ [North American Pollinator Protection Campaign](#)
  - ⇒ [NRCS Pollinator Liaisons](#)
  - ⇒ [Pesticide Education](#)
  - ⇒ [Pollinator Week](#)

### **American Horticultural Society** [Native Plant Societies](#)

- ❖ Local Native Plant Societies may be able to provide information, resources, and funding opportunities for creating pollinator habitat in your region

### The Bee and Butterfly Habitat Fund

- ❖ [Pollinator Habitat Establishment and Management Guide](#)
  - ⇒ Guide that outlines the steps for planning, prepping, planting, and managing pollinator habitat in both prairie and agricultural settings
- ❖ [Seed a Legacy Pollinator Habitat Program](#)
  - ⇒ Eligible entities include private, public and corporate landowners
  - ⇒ Cost-share for seed mixes available (25% - 100% depending on project size)



- ⇒ Proposals close to known honey bee apiaries will rank higher
- ⇒ Landowner is responsible for site preparation and seeding
- ⇒ 5-year contract required – haying, mowing, grazing prohibited between April 1<sup>st</sup> – Sept 30<sup>th</sup>
- ⇒ Currently Operating in Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin

### **Bee Informed Partnership**

- ❖ The Bee Informed Partnership is dedicated to working with beekeepers to better understand which management practices work best

### **Coalition of Prescribed Fire Councils**

- ❖ The Coalition's work facilitates communication among interested parties in the field of prescribed fire, provides a focal point for sharing ideas and information, and creates opportunities for prescribed fire collaboration

**Journey North** - Migration and seasonal citizen science sightings, news and educational resources for several species including the monarch butterfly

### **Keep America Beautiful**

- ❖ Community Restoration and Resiliency Fund helps communities rebounding from natural and environmental disasters to clean up and rebuild vital public spaces like parks, greenways, and other community gateways

### **Kids Gardening: Helping Young Minds Grow**

- ❖ This website provides information on various grants available for youth-focused gardening projects

### **Midwest Native Plant Society**

- ❖ The Midwest Native Plant Society is a not-for-profit organization run by volunteers. Their mission is to "Advocate the vital role of native plants in the landscape to preserve ecological integrity and connect people with nature."

### **Monarch Joint Venture (MJV)**

- ❖ The MJV is a partnership of federal and state agencies, non-governmental organizations, businesses and academic programs working together to protect the monarch migration across the United States. A variety of guides, informational pamphlets, and other resources pertaining to monarch conservation can be found on their website.

## **Monarch Watch**

- ❖ Monarch Watch is a nonprofit education, conservation, and research program based at the University of Kansas that focuses on the monarch butterfly, its habitat, and its spectacular fall migration
- ❖ [Bring Back the Monarchs](#)
  - ⇒ Provides free milkweed seed/Monarch Waystation seed packets

## **National Fish and Wildlife Foundation (NFWF)**

- ❖ [Monarch Butterfly Conservation Fund](#)
  - ⇒ Grants from \$50,000 - \$250,000
  - ⇒ Eligible entities include govt. agencies, non-govt. organizations, schools (for profit businesses not eligible)
  - ⇒ 1:1 non-Federal match required
  - ⇒ Pre-proposals typically due in March

## **Pheasants Forever/Quail Forever (PF/QF)**

- ❖ [Local PF & QF Chapters](#)
  - ⇒ Provide seed or use of seed drills
  - ⇒ Local chapters may also coordinate projects through the [Pollinator Habitat Outreach Program](#) to provide opportunities to involve communities (adults and youth) in local pollinator habitat projects. Through this program, PF/QF provides financial assistance and training for PF/QF chapters to plan and complete projects.
- ❖ [PF & QF Farm Bill Biologists](#)
  - ⇒ Educate farmers and landowners about the benefits of conservation programs, as well as assist those landowners after programs have been implemented. 'One Stop Shop' for anything conservation and wildlife-related on private lands

## **Pollinator Stewardship Council**

- ❖ The mission of the Pollinator Stewardship Council, Inc. is to defend managed and native pollinators vital to a sustainable and affordable food supply from the adverse impacts of pesticides
  - ⇒ Maintains list of research regarding pesticide impacts on pollinators

## **Project Apis m.**

- ❖ Their mission is to fund and direct research to enhance the health and vitality of honey bee colonies while improving crop production. Honey bee best management practices, video education, and research archives can be found on their website

### **Project Learning Tree**

- ❖ Project Learning Tree is an award-winning environmental education program designed for teachers and other educators, parents, and community leaders working with youth from preschool through grade 12

### **Soil and Water Conservation Districts (SWCDs)**

- ❖ SWCDs coordinate assistance from all available sources—public and private, local, state and federal—to develop locally-driven solutions to natural resources concerns
- ❖ Various Mini-Grants offered: Contact local SWCD office for details and availability

### **Wild Ones: Native Plants, Natural Landscapes**

- ❖ Promotes environmentally sound landscaping practices to preserve biodiversity through the preservation, restoration and establishment of native plant communities
- ❖ [Locate a chapter](#)

### **The Xerces Society for Invertebrate Conservation (Xerces)**

- ❖ Xerces provides information and guides regarding a wide range of invertebrate and habitat topics

## **CORPORATE RESOURCES AND SPONSORED PROGRAMS**

### **Annie's [Grants for Gardens](#)**

- ❖ Grants for Gardens program help K-12 public, private, or charter schools create gardens on their school campuses to use these spaces for student learning activities

### **Bayer Corporation**

- ❖ [The Bayer Bee Care Blue Ribbon Beekeeper Award](#)
  - ⇒ Applicants can be between 12-18 years old and must be actively participating in the beekeeping or pollinator health space (school or community project; hive management as a hobby or family business; or research into the factors affecting pollinator health)
  - ⇒ Prizes of \$3,000 (1<sup>st</sup> place), \$2,000 (2<sup>nd</sup> place), and \$1,000 (3<sup>rd</sup> place) can be used towards their beekeeping project or to continue their education, such as applying toward college tuition. Application period: Typically, June-August

### **Conservation Blueprint**

- ❖ [Habitat Tip Video series](#)

- ⇒ Videos and presentations exploring how to create and manage wildlife and pollinator habitat

### **Scott's Miracle Gro**

- ❖ Head start garden grants, school garden funding opportunities, youth garden funding opportunities, and hometown garden grants

### **Whole Kids Foundation**

- ❖ Garden and Bee Grant opportunities for K-12 schools or non-profit organizations in the U.S. and Canada

## **STATE SPECIFIC PROGRAMS and RESOURCES**

### **ARKANSAS**

#### **State programs, projects, resources:**

- ❖ Arkansas [Department of Agriculture](#):
  - ⇒ [Conservation District Grants](#):
    - Projects eligible for grant funds must carry out resource enhancement, restoration or protection and must be new or in addition to those in which a district is currently involved. Projects intended to replace existing programs are not eligible for grant funding. Only conservation districts may make application for assistance.
  - ⇒ [Arkansas Conservation Districts by County](#)
  - ⇒ [Plant Industries](#)
- ❖ Arkansas [Department of Parks, Heritage and Tourism](#)
- ❖ Arkansas [Game and Fish Commission](#) (AGFC):
  - ⇒ [Conservation Education Grants](#)
  - ⇒ Wildlife Management: [Private Lands Program](#)
    - [Acres for Wildlife](#)
      - Free technical assistance from AGFC Private Lands Biologist or Quail Forever Farm Bill Biologist
      - Each landowner eligible to receive up to \$5,000 + in-kind practices per contract



- Minimum of 5 contiguous acres that can be planted to participate
  - Enrollment period is 5 years
- [Find a Private Lands Biologist](#)
- [Arkansas Wildlife Action Program](#) (AWAP)
- ❖ USDA [NRCS Arkansas](#):
  - ⇒ [Regional Conservation Partnership Program](#) (RCPP): [North Arkansas Quail Focal Landscape](#)
    - Project Overview: The North Arkansas Quail Focal Landscape RCPP Project is a voluntary program that provides financial and technical assistance to agricultural producers for addressing water quality concerns in Baxter, Benton, Boone, Carroll, Fulton, Izard, Madison, Marion, Newton, Randolph, Searcy, Sharp, Stone, and Washington counties. Primary Resource Concern: Habitat for wildlife and invertebrates
    - Conservation Practice Funding: Funding will be available to eligible landowners through EQIP. NRCS will provide financial assistance for a systems approach using approved conservation practices for the purpose of addressing resource concerns. Land and producer eligibility, adjusted gross income, and all other program criteria for participation must be met to participate in this initiative. Agricultural lands are eligible for enrollment in the initiative. Additional financial assistance is available through Arkansas Game and Fish Commission.
    - How to Apply for RCPP: NRCS and associated conservation partners will deliver this program collaboratively. Contact the local NRCS Field Service Center in: Baxter and Marion; Benton; Boone and Newton; Carroll; Fulton; Izard; Madison; Randolph; Searcy; Sharp; Stone; or Washington Counties. Or contact the local Quail Forever Farm Bill Biologist or private lands biologist.
  - ⇒ Working Lands for Wildlife: Working Lands for Northern Bobwhite in Grasslands - [Northern Bobwhite Projects](#)
    - Project Overview: Landowners in Alabama, Arkansas, Florida, Georgia, Kentucky, Illinois, Indiana, Maryland, Missouri, New Jersey, North Carolina, Ohio, South Carolina and Virginia are helping the bobwhite by managing for early successional habitat on working lands. With the help of NRCS, landowners are making wildlife habitat improvements to working lands, such as establishing field borders and buffer strips, integrating native plants into conservation cover and

pasture plantings, and thinning mature forests through brush management and prescribed fire to invigorate understory vegetation.

- How to Apply: If you're interested in technical and financial assistance from NRCS, please contact your local NRCS service center

⇒ [NRCS Pollinator Conservation Planning Handbook](#)

### NGO programs, projects, resources:

- ❖ [Arkansas Audubon Society](#): Bird Friendly Yard Certification program promotes native plants and use of best management practices in residential yards
- ❖ [Arkansas Environmental Federation](#)
- ❖ [Arkansas Monarch Conservation Partnership](#): A group of citizens, conservation and agricultural organizations, government agencies, utilities and agribusinesses committed to the creation, enhancement, and conservation of monarch and pollinator habitat in Arkansas

⇒ [Facebook](#)

⇒ [Monarch Conservation Plan](#)

- ❖ [Arkansas Prescribed Fire Council](#)
- ❖ [Audubon Delta](#)
- ❖ Northwest Arkansas Regional Planning Commission:
  - ⇒ [Environment](#): maps, information center, contacts

### Educational Resources:

- ❖ University of Arkansas Research and Extension:
  - ⇒ [Division of Agriculture](#)
  - ⇒ [Arkansas Pollinator Stewardship Program](#):
    - The Arkansas Pollinator Stewardship Program seeks to minimize economic losses for both farmers and beekeepers by adequately managing row crop pests while minimizing impact of pesticides on honey bee colonies
    - [Beekeeping - Apiculture in Arkansas](#)
    - [Insecticide Recommendations for Arkansas - MP144](#)
    - [Arkansas Wildlife Professionals | Continuing Education & Conferences](#)

## ILLINOIS

### State programs, projects, resources:

- ❖ [Illinois Department of Agriculture Bees and Apiaries program](#)
  - ⇒ The Illinois Bees and Apiaries Program is designed to assist beekeepers throughout Illinois with the management and protection of honeybee colonies
  - ⇒ [Drift Watch - Illinois Specialty Crop Site Registry](#)
- ❖ Illinois [Department of Natural Resources](#) (IDNR):
  - ⇒ PDF of all grants offered by IDNR: [here](#).
  - ⇒ [Conservation Reserve Enhancement Program \(CREP\)](#): An enhanced version of the USDA Conservation Reserve Program (CRP). The CREP Program is a Federal, State and Local partnership designed to retire frequently flooded and environmentally sensitive cropland to achieve restoration and long-term protection. In Illinois, landowners implement conservation practices in the eligible CREP watersheds to reduce sedimentation and nutrients, improve water quality, and to create and enhance critical habitat for fish and wildlife populations.
  - ⇒ [Habitat Fund Grant](#): The Illinois Habitat Fund portion involved in the Special Wildlife Funds Grant Program provides for enhancing game and non-game wildlife habitat. Organized groups of volunteers from appropriate not-for-profit organizations and governmental entities develop projects and submit applications to the IDNR to help fund their projects. The grants are competitive and are evaluated for their merit.
  - ⇒ [Illinois Wildlife Preservation Fund](#): Grants provided for non-game wildlife protection
- ❖ IDNR Division of Education:
  - ⇒ Grants:
    - [Illinois Biodiversity Field Trip Grant](#)
    - [Illinois Schoolyard Habitat Action Grant](#)
    - [Illinois Historic Sites Field Trip Grant](#)
  - ⇒ Resources:
    - [Monarch Mania!](#)
    - [Educational Resources for Pollinators!](#)
    - [Butterfly Garden Requirements and Plant Lists](#)
    - [Illinois Milkweeds](#)

- [How to Plant and Maintain Native Plants](#)
- [Passion for Pollinators](#)
- [Native Bees](#)
- [Native Plants](#)
- ❖ [IDNR Pollinator Resources](#)- Nurseries, brochures, external resources, etc.
  - ⇒ [Illinois Recreational Access Program \(IRAP\)](#): a public access program that leases private land for outdoor recreational activities. IRAP leases private land from landowners to provide acres for turkey hunting, archery deer hunting, upland game and waterfowl hunting as well as fishing and boating, birding, outdoor photography, and other similar activities focusing on recruiting and retaining outdoor enthusiasts and their families.
  - ⇒ [Mason State Tree Nursery](#): Illinois' only state run nursery. Everything they produce is Native Illinois Eco-Type, free of Neonicotinoid Pesticides.
  - ⇒ [Open Space Lands Acquisition and Development Grant and the Land and Water Conservation Fund Grant](#): a state-financed grant program that provides funding assistance to local government agencies for acquisition and/or development of land for public parks and open space. The federal Land & Water Conservation Fund program (known as both LWCF and LAWCON) is a similar program with similar objectives. Both are managed in Illinois by the IDNR with concurrent application due dates, equal grant maximums and similar general rules.
- ❖ USDA [NRCS Illinois](#)

### **NGO programs, projects, resources:**

- ❖ Chicago Region Trees Initiative: [Healthy Brochure Series](#)
- ❖ Chicago Zoological Society: [Pollinator-Friendly Plants](#)
- ❖ [Environmental Education Association of Illinois](#): provides educational materials for formal and non-formal educators, information on Illinois events, and links to other useful environmental education websites
- ❖ [Grow Native!](#) - Hosted in Columbia, MO by the Missouri Prairie Foundation, but serving Illinois, Grow Native! promotes conservation awareness of native plants and their effective use in urban, suburban, and rural developed landscapes
- ❖ [The Field Museum](#) in Chicago
  - ⇒ [Field guides](#) covering a variety of plants and animals in the U.S. and beyond



- ❖ Illinois Clean Energy Foundation: [K-12 Pollinator Schools Program](#)
  - ⇒ Supports the creation of native pollinator habitat at locations in Illinois that provide K-12 environmental education programming
- ❖ [Illinois Prescribed Fire Council](#)
- ❖ [Illinois Monarch Project](#)
- ❖ [Illinois Native Plant Society](#): Promotes the study, appreciation, and conservation of the native flora and natural communities of Illinois, and provides education to the general public about the value of native flora and its habitat
- ❖ [National Great Rivers Research and Educational Center](#): Partners with NRCS and IDNR to assist with conservation program implementation and monitoring
- ❖ [Severson Dells Nature Education Center](#): Nature education at home with free nature lessons, activities and videos
- ❖ [Sierra Club Illinois Chapter](#): Promotes policy to protect monarchs and other pollinators, as well as raise awareness and educate the public on pollinator decline
- ❖ [Trees Forever Pollinator Conservation Program](#): Mission is to plant and care for trees and the environment by empowering people, building community, and promoting stewardship. Recruits pollinator habitat demonstration sites in Iowa and Illinois to showcase proper site selection and preparation, appropriate plant species composition, and on-going maintenance requirements for the establishment of sustainable pollinator-friendly habitat.
- ❖ [Wildlife Illinois](#): Resources and advice on best practices surrounding native wildlife in IL
- ❖ [Wild Ones Illinois](#): Native plant resources and seed sources based on regional chapters

### **Educational Resources:**

- ❖ University of Illinois Extension:
  - ⇒ [Everyday Environment Webinar Series](#): Monthly sessions on environmental topics presented by University of Illinois Extension's Energy & Environmental Stewardship Team
  - ⇒ [Fall Gardening for Pollinators: Gardening in the Air Webinar](#)
  - ⇒ [Pollinator Gardens](#)
  - ⇒ [U of I Pollinatarium](#): The first free-standing science center in the nation devoted to flowering plants and their pollinators

## INDIANA

### State programs, projects, resources:

- ❖ Indiana [Department of Agriculture](#):
  - ⇒ [Indiana Grown Program](#)
  - ⇒ ISDA [Grants](#)
  - ⇒ [Pollinator Habitat](#)
- ❖ Indiana [Department of Natural Resources](#) (IDNR):
  - ⇒ [Apiary News & Information](#)
  - ⇒ [Division of Fish and Wildlife](#)
  - ⇒ [Grasslands for Gamebirds and Songbirds Initiative](#)
  - ⇒ [Habitat and Wildlife Landowner Assistance](#): many different programs.
    - \*\*\*To learn more about each program, contact a [Private Lands Unit biologist](#)
  - ⇒ [CORRIDORS Program](#)
    - For landowners, the CORRIDORS program can benefit by: providing technical and financial assistance for establishing wildlife habitat on your property, helping you get rid of invasive species, helping you address erosion, sedimentation or other water quality and soil health concerns, and providing aesthetic benefits
    - For all citizens of Indiana, the CORRIDORS program beautifies roadways; provides food and habitat for pollinators; and reduces tax dollars spent on mowing and maintenance of Indiana highway right-of-ways
- ❖ [Game Bird Habitat Development Program](#) (GBHDP): GBHDP reimburses a portion of the expenses incurred by a landowner for developing bobwhite quail, ring-necked pheasant, American woodcock, mourning dove, ruffed grouse or wild turkey habitat as specified in a management plan. GBHDP may reimburse up to \$330 per acre of habitat created. Financial incentives up to \$100 per acre may be available for development and maintenance of quality wildlife habitat beneficial to aforementioned gamebirds. GBHDP will reimburse landowners for habitat developments based on IDNR's Division of Fish and Wildlife's (DFW) Habitat Development Reimbursement Rates. Annual cap limits apply to financial agreements.
- ❖ [Game Bird Partnership Program](#): This program reimburses a portion of the expenses incurred by a landowner for developing bobwhite quail, ring-necked pheasant, American woodcock, mourning dove, ruffed grouse or wild turkey habitat. DFW may contribute up

to 50 percent of the reimbursable costs, not to exceed \$330 per acre. The sponsoring partnership organization must also contribute funds, materials or labor. Annual cap limits apply to financial agreements.

- ❖ [N.E. Wetland/Grassland Restoration Program](#): This program reimburses landowners up to 100 percent of the expenses incurred for the restoration of wetlands and the establishment of native grasses
- ❖ [Urban Wildlife Habitat Cost-Share Program](#): This program reimburses a portion of the expenses incurred by an entity for developing urban wildlife habitat as specified in a management plan. Projects must have at least one other partner as a financial contributor. The program will reimburse expenditures for habitat development projects based on DFW Habitat Development Reimbursement Rates. Annual cap limits apply to financial agreements. Must be within an [identified](#) urban priority habitat area.
- ❖ [Wildlife Habitat Cost-Share Program](#) (WHCSP): This program reimburses a portion of the expenses incurred by a landowner for developing wildlife habitat as specified in a management plan. The program will reimburse the landowner for habitat development projects based on DFW Habitat Development Reimbursement Rates. Annual cap limits apply to financial agreements. Habitat improvements developed through this program must be maintained as specified in the management plan for a minimum of three years. The owner must control at least 5 acres of land and must maintain practice for a minimum of 3 years.
  - ⇒ [Indiana Community Hunting Access Program](#)
  - ⇒ [Indiana Private Lands Access Program \(IPLA\)](#)
  - ⇒ [Pollinator Conservation](#)
  - ⇒ [Pollinator Habitat Development and Enhancement](#)
  - ⇒ [Seed Suppliers](#)
- ❖ Indiana [Department of Transportation](#) (INDOT):
  - ⇒ [Environmental Services](#)
    - ["INDOT's Vegetation Management Program Recognized as Bee Friendly"](#)
    - [Roadside Management Program](#)
- ❖ USDA [NRCS Indiana](#)

- ❖ USFWS – Indiana [Partners for Fish and Wildlife \(PFW\) Program](#)
  - ⇒ Cost share possibly available on native pollinator, upland prairie, savanna, and early successional habitat within the USFWS PFW Program focus areas throughout Indiana (see focus areas identified on map)



### NGO programs, projects, resources:

- ❖ [Hoosier Environmental Council](#):
  - ⇒ [Native Landscapes](#): blog post
  - ⇒ [Pollinator-Friendly Habitat at Indiana's Largest Solar Farm](#)
- ❖ [Indiana Native Plant Society](#):
  - ⇒ [List of Invasive-Free Plant Sellers and Designers](#)
- ❖ [Indiana Prescribed Fire Council](#)
- ❖ [Indiana Wildlife Federation](#):
  - ⇒ [Certified Wildlife Habitat](#): Are you interested in making your backyard an attractive haven for wildlife? Want to grow native plants on your land and attract native animals—pollinating insects, birds, reptiles, amphibians, and more? Then the Certified Wildlife Habitat™ certification program is right for you! There are over 200,000 Certified Wildlife Habitats™ in the United States today.
  - ⇒ [Landscaping Resources](#)
  - ⇒ [Landscaping the Sustainable Campus](#): The Landscaping the Sustainable Campus program encourages sustainable and ecologically friendly practices at colleges and universities around Indiana
  - ⇒ [Monarchs](#)
  - ⇒ [Native Plants of Indiana](#)
  - ⇒ [Pollinators](#)
- ❖ [The Beekeepers of Indiana](#)
- ❖ [Wild Ones Indiana](#): Native plant resources and seed sources based on regional chapters

### Educational Resources:

- ❖ Indiana University (IU):
  - ⇒ [Pollinator Garden: Hilltop Gardens](#)



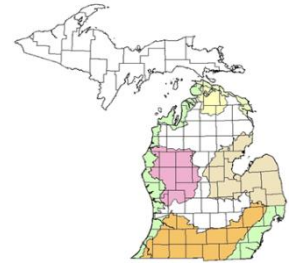
- ⇒ Beekeepers: <https://iubees.indiana.edu/>
- ⇒ [Department of Biology](#)
  - ["Beekeepers, researchers, and state lawmakers agree: We need the bees"](#)
- ❖ Purdue University:
  - ⇒ [Indiana Yard and Garden – Purdue Consumer Horticulture](#)
    - [Gardening for Pollinators](#)
  - ⇒ Purdue Extension - Entomology
    - [Educational Outreach](#)
    - [Pollinator Protection Resources](#) (PDF documents)
    - [The Purdue Bee Lab – Bee Hive](#)

## MICHIGAN

### State programs, projects, resources:

- ❖ Michigan [Department of Agriculture and Rural Development](#) (MDARD):
  - ⇒ [Managed Pollinator Protection Plan](#)
- ❖ Michigan [Department of Environmental, Great Lakes, and Environment](#)
- ❖ Michigan [Department of Natural Resources](#) (MDNR):
  - ⇒ [ALL GRANTS](#)
    - [Michigan Invasive Species Grant Program \(MISGP\)](#) : To address strategic issues of prevention, detection, eradication and control for both terrestrial invasive species (TIS) and aquatic invasive species (AIS) in Michigan
    - [Wildlife Habitat Grant Program](#): To enhance and improve the quality and quantity of game species habitat in support of specific goals from the MDNR Wildlife Division's strategic plan, "[Guiding Principles and Strategies - The GPS,](#)" specifically GPS Goal 2 – Manage habitat for sustainable wildlife populations in a changing environment
  - ⇒ [Landowners Guide to Prairie Restoration](#): Landscape Perspective, Importance of prairies, Prairie identification, Implementation and Maintenance of Prairie enhancement and restoration
  - ⇒ [Monarch Butterfly](#): How you can help, Information, Bee-Informed!, Conservation Projects, Kids and Teachers (Curriculum)

- ⇒ [Michigan Pheasant Restoration Initiative \(MPRI\)](#): The MPRI is a conservation initiative to restore and enhance Michigan pheasant habitat, populations, and hunting opportunity on private and public lands. It will accomplish this through public-private cooperatives of 10,000 acres or more that improve habitat for pheasants and other wildlife on a landscape level. This service is provided free of charge through the partners of this initiative.
- ⇒ [Pollinator Health Tips](#)
- ❖ USDA [NRCS Michigan](#)
  - ⇒ [Tallgrass Prairie Restoration, Conservation Restoration Sheet, Biology Series 643](#): Tips for tallgrass prairie establishment and management
- ❖ USFWS – Michigan [Partners for Fish and Wildlife Program](#)
  - ⇒ Cost share: Native pollinator habitat, prairies, savannas, pine or oak barrens throughout Lower Peninsula of Michigan in USFWS priority focus areas– (see focus areas identified on map).



### **NGO programs, projects, resources, places to see native prairies and savannas:**

- ⇒ [Algonac Prairie and Savanna](#): Public access to 1244 acres of natural area dedicated to protect two of the rarest natural communities found in Michigan: lakeplain prairies and savannas (also known as oak openings). Within Algonac State Park in St. Clair County, MI
- ❖ [Asylum Lake Preserve](#): a 51-acre restored prairie nested in a 274 parcel of preserve including two savannas owned and maintained by Western Michigan University
- ❖ [Chikaming Open Lands, Burns Prairie Preserve](#): A 38-acre nature preserve of planted mesic to moist prairie, wetlands, and woods in SW Michigan in Galien Township
- ❖ [Michigan Audubon](#): Connects birds and people for the benefit of both through conservation, education, and research efforts in the state of Michigan
- ❖ Michigan Conservation Districts
  - ⇒ [Wildlife Section](#): Provide private landowners with a wide range of wildlife information, assistance, and program delivery to address wildlife habitat and species management. Some Districts also provide an Invasive Species Coordinator, who helps educate local communities on how to prevent or manage unwelcome "visitors" looking to take root or roost.

- ❖ [Michigan Nature Association: Newaygo Prairie Nature Sanctuary](#): A 110-acre prairie sanctuary with oak and pine barrens in Newaygo, MI.
- ❖ [Michigan Prescribed Fire Council](#)
- ❖ [Michigan Wildlife Conservancy](#)
- ❖ [The Stewardship Network](#)
- ❖ [Wildflower Association of Michigan](#)
- ❖ [Wild Ones Michigan](#): Native plant resources and seed sources based on regional chapters

### **Educational Resources:**

- ❖ Michigan State University (MSU):
  - ⇒ College of Natural Science [Michigan Pollinator Initiative](#):
    - [Large-scale Pollinator Planting Resources](#)
    - [Michigan Conservation Stewards Program](#)
    - [Michigan Master Naturalist Program](#)
    - [Michigan Natural Features Inventory](#)
    - [Pollinator Champions – free online course](#)
    - [Programs](#)
  - ⇒ Extension:
    - [Agriculture](#)
    - [“Ask-an-Expert”](#)
    - [Lawn & Garden](#)
    - [Native Plants and Ecosystem Services](#): Using Michigan native plants to produce win-win situations for agriculture, communities, and the environment. Instruction for planting and maintenance of native plants, teaching tools, plant search tool, regional native plant lists and many publications and useful links
    - [Natural Resources](#)
    - [Varroa Mite Testing Kit](#)
  - ⇒ [Michigan Natural Features Inventory](#): Natural Communities defined including prairies and savannas, publications, resources, and services.

- [The list of Natural Communities](#) gives an overview, ranking, and where they are naturally located in Michigan, including some public places where the communities can be visited and observed
- ❖ [Jamieson Lab](#): Oakland University - research, education, and community engagement projects that aim to support biodiversity conservation, natural resource management, and sustainable agriculture
- ❖ [Prairie and Savanna in Southern Lower Michigan: History, Classification, and Ecology](#): Michigan Botanist Publication

## Minnesota

### State programs, projects, and resources.

- ❖ Minnesota [Board of Soil and Water Resources](#): BSWR Pollinator and Biodiversity Initiative programs, grants, and other resources
  - ⇒ [Lawns to Legumes](#) : The state of Minnesota provides up to \$350 for residents to convert their yard to pollinator friendly habitat
  - ⇒ [Planting guides](#)
  - ⇒ [Pollinator conservation funding](#) and programs resource page
  - ⇒ [Training resources](#)
- ❖ Minnesota [Department of Agriculture](#) (MNDA)
  - ⇒ [Best Management Practices for Pollinators and Insecticides](#)
  - ⇒ [Pollinator resource page](#)
- ❖ Minnesota [Department of Natural Resources](#) (MNDNR)
  - ⇒ All grants listed [here](#)
  - ⇒ [Minnesota Biological Survey](#) (MBS)
  - ⇒ Minnesota [DNR Best Management Practices and Habitat Restoration Guidelines](#)
  - ⇒ Minnesota DNR [pollinator resources page](#)
  - ⇒ [Native plants](#) in Minnesota
  - ⇒ [Restore Your Shore](#) (RYS)
- ❖ Minnesota [Environmental Quality Board](#)
  - ⇒ In 2019, Governor Tim Walz issued [Executive Order 19-28](#) recognizing pollinators as important to Minnesota's economy, ecology, and way of life and directing state agencies to restore pollinator health in Minnesota. This order continues the EQB's

role in pollinator public engagement and implementation of the Interagency Pollinator Protection Team.

- ❖ Minnesota Department of Transportation: MNDOT manages approximately 175,000 acres of green space in Minnesota and conducts planting of native seed mixes
  - ⇒ [Pollinator conservation plan](#)
- ❖ USDA [NRCS Minnesota](#)
  - ⇒ [Information on Pollinators, Monarchs, and Beneficial Insects](#)

### NGO programs, projects, and resources

- ❖ [Bee Kind MN](#): Information on how to make backyards more pollinator friendly
- ❖ [Metro Blooms](#): Non-profit that partners with communities to create sustainable landscapes
- ❖ [Minnesota Hobby Beekeepers Association](#): Information about beekeeping and pollinator conservation in your own backyard
- ❖ [Minnesota State Agency Pollinator Report: 2020](#)
- ❖ [Minnesota Zoo](#): Plants for Pollinators Program
- ❖ [Pollinator Friendly Alliance](#) : Resources and pollinator conservation programs
- ❖ Minnesota Soil and Water Conservation District Grants
  - ⇒ [Carver SWCD Pollinator Cost Share Program](#)
  - ⇒ [Riley Purgatory Bluff Creek Watershed District- Watershed Stewardship Grants](#)
  - ⇒ [Lower Minnesota River Watershed District 2021 Cost Share Incentive and Water Quality Restoration Program](#)
  - ⇒ [Stearns County SWCD Pollinator Habitat Program](#)
- ❖ [Wild Ones](#) : Educational materials and programs for pollinator conservation
  - ⇒ Lorri Otto Seed for Education [Program](#): Provides \$100-\$500 for native plant gardens and landscaping projects throughout the U.S.

### Educational Resources

- ❖ University of Minnesota
  - ⇒ [Arboretum](#)
  - ⇒ [Bee lab](#)
  - ⇒ [Bell museum](#)

- ⇒ [Bumble Bee Survey](#)
- ⇒ [Minnesota Bee Atlas](#)
- ⇒ Field monitoring [guide](#) for native bee species
- ⇒ [Pollinator friendly landscaping](#)

## MISSOURI

### State programs, projects, resources:

- ❖ City of Columbia, MO: [Roadside Pollinator Program](#)
  - ⇒ Restoring pollinator habitat along City of Columbia roadsides, hired an ecological services consultant to prepare selected roadsides, medians and roundabouts
- ❖ MO Department of Agriculture
  - ⇒ [Cover Crop Regional Conservation Partnership Program](#): To improve the adoption and utilization of cover crops by Missouri landowners to improve the production capacity of soils that are classified as highly erodible or have organic matter content less than two percent on 20,000 acres annually, will provide eligible land owners with cost-share assistance to plant cover crops
  - ⇒ [Urban Agriculture Matching Grant Program](#): awards grants of up to \$7,500 for reimbursement of expenses associated with urban agriculture
- ❖ MO [Department of Conservation](#) (MDC):
  - ⇒ [MDC Milkweed Identification Guide](#): Field Guide for identification and maintenance of milkweed species (common, swamp, prairie, etc.)
  - ⇒ [Missouri Department of Conservation \(MDC\) Local Contact Page](#): Find your local PLC agent and others for technical assistance from MDC staff
  - ⇒ [Native Plants for Your Landscape](#): Detailed brochure on how to attract native wildlife on your property, very colorful and printable
  - ⇒ [Planting for Pollinators](#): Improve your property's educational features with videos and articles on establishing pollinator habitat in your garden or on your property
- ❖ Missouri [Department of Natural Resources](#) (MDNR):
  - ⇒ [Youth Education on the Monarch Butterfly](#): Includes 3 different lessons
- ❖ [Missouri State Beekeepers Association](#):
  - ⇒ [Resources](#): Best Management Practices, watch your mites, the sting, etc.
  - ⇒ [Speakers](#) on varying topics

- ❖ Saint Louis Zoo (SLZ):
  - ⇒ [Center for Native Pollinator Conservation](#): An educational site that includes initiatives by the SLZ and resources for the public on promoting pollinator conservation
  - ⇒ [Honey Bee Health Coalition](#)
  - ⇒ [Missouri Bee Identification Guide](#): A P2/MDC/SLZ initiative – brochure to assist with basic bee identification
- ❖ USDA [NRCS Missouri](#)
- ❖ U.S. Fish and Wildlife Service: [Missouri Ecological Services Field Office](#)

### NGO programs, projects, resources:

- ❖ [Cooperative Conservation America](#)
  - ⇒ The [Missouri Conservation Reserve Enhancement Program](#) (CREP) provides incentives to farmers to restore riparian buffers to reduce sediment, pollutant, and bacterial loading of waterways
- ❖ [Grow Native!](#) – Missouri Prairie Foundation:
  - ⇒ The native plant marketing and education program of the Missouri Prairie Foundation
  - ⇒ [Grow Native Resource Page](#): Complete guide to seed vendors, contractors and all things native to the state of Missouri
- ❖ Missouri Botanical Garden:
  - ⇒ [Fellowships](#): Available to professionals who have received at least an undergraduate degree in the field of botany/plant sciences from universities, governmental and non-governmental institutions and organizations in Mexico, Central America, South America, Madagascar, Vietnam and Tanzania
  - ⇒ [Graduate Program](#): Research on Plant Systematics, Evolution, and Ecology
  - ⇒ [Help for the Home Gardener](#): Includes resources like plant finder, landscape design, edible gardening, advice/tips, sustainable gardening, education/classes, and maps
    - [Pollination Problems](#): Identifying specific problems with pollinators when it comes to gardening on your property
    - [Native Plants to Attract Bees and Native Pollinators](#): A list of plants to use to attract pollinators in home gardens
  - ⇒ [NSF Summer Internship Program](#): 6-week summer training program for undergraduate students



- ⇒ [Project Pollinator](#): to promote an appreciation of all pollinators through education and creation of pollinator gardens
  - Includes a Plant Sale, Pollinator Garden Kit to community organizations, classroom curriculum from (preK-3), and visits to the Butterfly House
- ⇒ [Undergraduate Program](#): Research Experiences for Undergraduates (REU) Program
- ❖ [Missouri Conservation Heritage Foundation](#)
  - ⇒ [Project Funding](#): In partnership with MDC – taking requests for proposals from MDC, outside non-profits, governmental, and other NGO organizations which meet the criteria and best utilize available resources.
- ❖ [Missourians for Monarchs](#):
  - ⇒ [Resources](#) to establish pollinator habitat on a small scale, brochures and pamphlets available for download
  - ⇒ [Missouri Monarch and Pollinator Conservation Plan](#)
  - ⇒ See Best Management Practices for:
    - [Grazing Habitat](#)
    - [Row Crop Production](#)
    - [Rural or Private Lands](#)
- ❖ [Missouri Prescribed Fire Council](#)
- ❖ [Wild Ones Missouri](#): Native plant resources and seed sources based on regional chapters

### **Educational Resources:**

- ❖ University of Missouri [Master Pollinator Steward](#): Developed to educate the general public about the plight of pollinators and teach them steps they can take to benefit pollinators. Covers 5 chapters of information on insects, pollination, honey bees, native pollinators and conservation, and hands-on activities.
- ❖ University of Missouri Extension: Useful and Educational Publications
  - ⇒ [Pollination Mechanisms and Plant-Pollinator Relationships](#)
  - ⇒ [Honey Bees as Pollinators, Their Habitats and Products](#)
  - ⇒ [Native Insect Pollinators and Their Habitats](#)
  - ⇒ [Conserving Missouri's Wild and Managed Pollinators](#)
  - ⇒ [Pollinating Fruit Crops](#)
  - ⇒ [Monarchs and Pollinators](#)

## OHIO

### State programs, projects, resources:

- ❖ Ohio [Department of Natural Resources](#):
  - ⇒ [Flowering Plants](#) in Ohio
  - ⇒ [Grants](#):
    - [Conservation Club Competitive Partnership Grant](#): To encourage participation in wildlife-related recreation activities (hunting, fishing, trapping and wildlife viewing) by providing funding through a competitive grant program
    - [Land and Water Conservation Fund \(LWCF\)](#): The LWCF grant program provides up to 50% reimbursement assistance for state and local government subdivisions (townships, villages, cities, counties, park districts, joint recreation districts, and conservancy districts) for the acquisition, development, and rehabilitation of recreational areas
    - [LWCF Outdoor Legacy Partnership Program](#): Projects within the Ohio urban areas listed below are eligible for funding. Applicants must be political subdivisions of government and must own the property where the project will occur. For land acquisition projects, the buyer and intended owner must be a political subdivision of government.
    - [NatureWorks](#): The NatureWorks grant program provides up to 75% reimbursement assistance for local government subdivisions (townships, villages, cities, counties, park districts, joint recreation districts, and conservancy districts) for the acquisition, development, and rehabilitation of recreational areas
    - [Wildlife Education Grant](#): To local schools, government agencies, non-profit organizations and other school-oriented facilities to support wildlife-related education projects and programs
  - ⇒ [Landowner Habitat Management](#)
  - ⇒ [Stewardship & Citizen Science](#)
- ❖ Ohio Department of Transportation
  - ⇒ [Pollinator Habitat Program](#)
- ❖ USDA [NRCS Ohio](#)

- ❖ USFWS – Ohio [Partners for Fish and Wildlife \(PFW\) Program](#)
  - ⇒ Cost share possibly available on native pollinator, upland prairie, savanna, and early successional habitat within the USFWS PFW Program focus areas throughout Ohio (see focus areas identified as darker areas on the map)



### NGO programs, projects, resources:

- ❖ [Lake Erie Allegheny Partnership \(LEAP\)](#): LEAP is a consortium of organizations operating within a wide spectrum of conservation missions with regard to our natural world. These natural communities are found within an extensive network of public and private lands throughout the glaciated region of northeastern Ohio, northwestern Pennsylvania, and western New York.
  - ⇒ [Pollinator Resources](#)
  - ⇒ [Native Plant Resources](#)
- ❖ [Monarch Wings Across Ohio \(MWAO\)](#):
  - ⇒ Through 3 years of on the ground research with partner sites throughout NE Ohio, P2 developed a series of guides (farm, gardens, rights-of-way, and corporate land) to empower Ohioans with the knowledge and tools to make a difference for monarchs on lands that they own, work, or manage. Free habitat creation guides, and other resources can be found at [www.pollinator.org/mwao](http://www.pollinator.org/mwao)
- ❖ [The Native Plant Society of Northeastern Ohio](#)
- ❖ [Ohio Lepidopterists](#): A membership organization which provides the following programs to their members and the public: Annual meeting in winter with guest speakers on a variety of topics; A Butterfly Monitoring workshop in the spring; Field trips in flying months with our Butterfly Observation Group (BOG); ID day and fall meeting late in the year; Newsletter 4 times a year.
- ❖ [Ohio Pollinator Habitat Initiative \(OPHI\)](#): Members of OPHI work together through this statewide initiative to provide pollinator conservation awareness through education and outreach, and to provide technical assistance for pollinator habitat establishment to all that have an interest in pollinators and protecting our food supply
- ❖ [Ohio Prescribed Fire Council](#)
- ❖ [Ohio State Beekeepers Association](#)
- ❖ [The Ohio Environmental Council \(OEC\)](#):

⇒ [OEC Action Fund](#)

- ❖ [Wild Ones Ohio](#): Native plant resources and seed sources based on regional chapters

### **Educational Resources:**

- ❖ [Cleveland Pollinator and Native Plant Symposium](#)

- ❖ The Ohio State University

⇒ College of Food, Agricultural, and Environmental Sciences

- [Bee Lab](#): Education, research and outreach related to honey bees, wild bees and other pollinators
  - [Honey Bee Resources](#)
  - [Native Bees](#): Native Bee ID, Nesting: Bee Blocks, Condos and Tunnel Nests, Ohio Bee ID Guide
  - [Research](#)
  - [Resources](#)
  - [Workshops and Short Courses](#)
  - [Ohio Pollinator Health, Protection and Conservation Plan](#)
- [Department of Entomology](#)
  - [Extension](#)
- [Department of Horticulture and Crop Science](#)
- [How to Identify and Enhance Ohio's Wild Bees in Your Landscape](#)

## **PENNSYLVANIA**

### **State programs, projects, resources:**

- ❖ Pennsylvania [Department of Conservation and Natural Resources](#) (PDCNR):

⇒ [Community Grants](#)

- [Peer and Circuit Rider \(PCR\) Grant](#): The PCR program funds projects that, through a collaborative process, focus on a specific need identified by the grantee and its partners. The PCR program aides in the hiring of a full-time park, recreation or conservation professional whose services are shared by the members of a formal partnership, commission or authority
- 2020 PA DCNR Grant Workshop [Presentation](#).

- ⇒ [Forest Conservation Award for Boy and Girl Scouts](#): This program recognizes both boy and girl scouts who are Pennsylvania residents for their outstanding efforts in completing merit badges, patches, and projects associated with our natural resources
- ⇒ [Land Conservation and Stewardship Education](#): Pennsylvania Land Choices is an award-winning educational curriculum developed by the DCNR's Bureau of State Parks as a tool for teachers to educate their students about land use, land conservation, and sustainable communities
- ⇒ [Pennsylvania Lawn Conversion Program](#): Technical assistance and funding to convert 5,000 acres of mowed lawns to native meadows by 2025 in the Chesapeake Bay Watershed
- ⇒ Pennsylvania [Native Plants Landscaping Information Brochure](#)
- ❖ Pennsylvania [Department of Agriculture](#):
  - ⇒ [Apiary & Pollinator Services](#)
- ❖ Pennsylvania [Department of Environmental Protection](#):
  - ⇒ [Environmental Education Grants \(Pollinator Garden Establishment\)](#): Supports environmental education projects that include pollinator gardens
- ❖ Pennsylvania [Department of Transportation](#):
  - ⇒ [Pollinator Habitat Plan](#)
- ❖ Pennsylvania Game Commission:
  - ⇒ [Seedlings for Schools Program](#): The Seedlings for Schools program allows students to experience their role as caretaker of their environment while having fun in the outdoor classroom. The program is available to all Pennsylvania schools with children enrolled from pre-kindergarten through 12th grade.
- ❖ USDA [NRCS Pennsylvania](#):
  - ⇒ [The Importance of Pollinators](#)
  - ⇒ [High Tunnels, Organic and Specialty Crop Farming and Pollinators](#)

### NGO programs, projects, resources:

- ❖ [PennEnvironment](#)
  - ⇒ [Environmental Defense: Our Public Lands](#)
  - ⇒ [Guide to planting a pollinator-friendly garden](#)
  - ⇒ [How to protect our pollinators](#)

- ⇒ [PennFuture](#)
- ⇒ [Save the Bees](#)
- ❖ [Pennsylvania Environmental Council](#)
  - ⇒ [Grants:](#)
    - Laurel Highlands Conservation Landscape Mini-Grants
    - Pennsylvania River Sojourn Grants
    - Pennsylvania Trails Month Mini-Grants
    - Pennsylvania Water Trails Partnership Mini-Grants
    - Pocono Forests & Waters Conservation Landscape Mini-Grants
    - Western Pennsylvania Environmental Awards
- ❖ Pennsylvania [Envirothon](#): a fun, academic event that challenges high school students to think critically about the natural world and their roles in it
- ❖ [Pennsylvania Prescribed Fire Council](#)
- ❖ [Pennsylvania State Beekeepers Association](#)
  - ⇒ [Pennsylvania Pollinator Protection Plan](#)
- ❖ [Wildwood Park Nature Center](#)
- ❖ [Xerces: Pollinator Conservation Resources: Northeast Region](#)

### **Educational Resources:**

- ❖ Penn State (PSU):
  - ⇒ College of Agricultural Sciences: [Department of Entomology](#)
    - [The Pennsylvania Pollinator Protection Plan \(P4\)](#): Provides recommendations for best practices and resources to support and expand pollinator populations
    - [Center for Pollinator Research](#): developing and implementing integrative, multidisciplinary approaches to improving pollinator health, conservation, and management for ecosystems services through research, education, outreach and policy
      - [Pollinator Garden Certification](#)
    - [Resources for teachers for pollinator ecology](#): Creating a pollinator garden. Which plants are most attractive to pollinators? How do plants compare in terms of their nutritional quality? Is my habitat good for pollinators? Virus transfer through plant-pollinator foraging networks. Citizen Science.
- ❖ University of Pennsylvania:

- ⇒ [Department of Biology](#)
- ⇒ [Morris Arboretum](#)

## WISCONSIN

### State programs, projects, resources:

- ❖ Wisconsin [Department of Agriculture, Trade, and Consumer Protection](#)
  - ⇒ [Pollinator Protection Plan](#)
- ❖ Wisconsin [Department of Natural Resources](#) (WDNR):
  - ⇒ All grants listed [here](#).
  - ⇒ [Bumble Bee Brigade](#): A citizen science-based project to monitor Wisconsin populations of native bumble bees. Site includes resources, trainings, and volunteer opportunities for bumble bee identification and monitoring.
  - ⇒ [DNR's Simple Steps to Help Pollinators Brochure](#)
  - ⇒ [Knowles-Nelson Stewardship Program](#): Stewardship grants fund recreational development and conservation land purchases statewide.
  - ⇒ [Landowner Incentive Program \(LIP\)](#): The goal of LIP is to help private landowners create and manage habitat for species that are rare or declining. The program provides management advice, assistance with management plans and cost-share funding to individuals and organizations on private lands — with a focus on the Driftless Area of Wisconsin.
  - ⇒ [Saving Wisconsin's Native Pollinators](#)
  - ⇒ [Wetland Restoration Handbook for Landowners](#)
  - ⇒ [Wisconsin Native Plant Nurseries](#) - This list of native plant nurseries was compiled by the Natural Heritage Conservation Program, Department of Natural Resources.
  - ⇒ [USDA/WDNR Voluntary Public Access & Habitat Incentives Program \(VPA-HIP\)](#): Provides financial incentives to private landowners who open their property to public hunting, fishing, trapping and wildlife observation. Landowners enrolled in VPA-HIP are also eligible to apply for additional financial assistance to create or improve wildlife habitat. Eligible practices include invasive species control, native grass and forb establishment, prescribed burning and more.
- ❖ USDA [NRCS Wisconsin](#)



## NGO programs, projects, resources:

- ❖ American Transmission Company - [Pollinator Habitat Program](#): Awards to plant low-growing native flowering plants within ATC transmission rights-of-way
  - ⇒ [GrowSmart Pollinator Planting Guide](#)
- ❖ [B.Y.O.-BEEZ](#): A citizen science initiative aimed at increasing native pollinator biodiversity in urban green spaces
- ❖ Dane County Environmental Council: [Pollinator Protection](#)
- ❖ [Friends of the Monarch Trail](#)
- ❖ [Hunt Hill Audubon Sanctuary](#): A nature preserve and learning center that's home to unique habitats found in Wisconsin, including bogs, old growth forests, meadow, and four glacial lakes
- ❖ [Kettle Moraine Land Trust](#):
  - ⇒ Seed Collection for Restoration [webinar](#)
- ❖ [Natural Resources Foundation of Wisconsin](#):
  - ⇒ ALL GRANTS: <https://www.wisconservation.org/grants/what-we-fund/>
  - ⇒ [Bird Protection Fund](#): Supports the highest priority conservation needs for Wisconsin's birds throughout their lifecycle – from their breeding grounds in Wisconsin to their migratory habitat in Central and South America
  - ⇒ [CD Besadny Conservation Grant](#): Established to invest in grassroots conservation and education projects that benefit Wisconsin's lands, waters, and wildlife, and that connect people to Wisconsin's natural resources. Grants range from \$500 to \$2,000.
  - ⇒ [Go Outside Fund](#): Provides funding that helps connect youth to outdoor, nature-based learning experiences. Teachers or partner organizations may apply for funding to cover costs that facilitate getting kids outside and hands-on with nature, such as purchasing field supplies, or paying for transportation, substitute teachers, or educator costs. Grants between \$100 and \$500 are available.
  - ⇒ [Great Wisconsin Birdathon](#)
  - ⇒ [The Norma and Stanley DeBoer Quiet Trails Fund](#): Provides funding to support the creation and maintenance of quiet trails (e.g., walking, hiking, or skiing) in Wisconsin. Grants range from \$500 to \$1,000.
  - ⇒ [Plant Dane](#): Native plant program in Dane County - order plants, donate plants, grow plants, apply for free plants

- ⇒ [Wisconsin Rare Plant Preservation Fund](#): Established to support projects that protect Wisconsin's rare plants and lichens through monitoring, inventorying, and preservation. Grants range from \$500 to \$1,000.
- ⇒ [Teachers' Outdoor Environmental Education Fund](#): Established to provide meaningful outdoor environmental education learning experiences for public school students. Grants up to \$1,000 are available.
- ⇒ [Wildlife](#)
- ❖ Sand County Foundation: [Pollinator Habitat Grants for Schools](#)
- ❖ [Riveredge Nature Center](#): Specializes in adult and youth nature programming and has a Research and Conservation Department which acts as a consultant for large and small restoration projects in southern Wisconsin
- ❖ [Western Great Lakes Bird and Bat Observatory](#):
  - ⇒ [Neighborhood Habitat Improvement Project](#): Volunteer or participate in their new innovative program to improve habitat for birds, pollinators and wildlife at the most local scale of your yard
- ❖ [Wild Ones Wisconsin](#): Native plant resources and seed sources based on regional chapters
- ❖ [Wisconsin Citizen Based Monitoring Project](#): Improve the effectiveness of citizen-based monitoring efforts in Wisconsin by providing communications, resources, and recognition to build and maintain the dynamic picture of our natural resources
- ❖ [Wisconsin Monarch Collaborative](#) - A consortium of organizations and individuals across the state dedicated to conserving the monarch butterfly
  - ⇒ [Monarch-Friendly Plants](#) - Native plant list that attract and feed Monarchs, with bloom times
  - ⇒ [Wisconsin Native Milkweeds](#) - Species list of milkweeds that are native to Wisconsin and their growing requirements
- ❖ [Wisconsin Land+Water](#): Conservation training, standards development, and member directory of Wisconsin Land and Water Conservation Departments
- ❖ [Wisconsin Waterfowl Association](#):
  - ⇒ [Habitat Programs](#) and Wetland Restoration Program
- ❖ [Wisconsin Pollinators](#):
  - ⇒ Information on Insect IDs, Plants, Gardening Tips, Publications, etc.
- ❖ [Wisconsin Prescribed Fire Council](#)

## Educational Resources:

- ❖ University of Wisconsin - Extension
  - ⇒ [Natural Resources Education Center](#) - Educational resources and equipment rental including pollinator protection display
  - ⇒ [Pollinator protection in Dane County](#)
  - ⇒ [Wisconsin bee identification guide](#)
  - ⇒ [Supporting our Native Bees: Our Essential Pollinators](#)
- ❖ University of Wisconsin - Madison [Department of Entomology](#)
  - ⇒ [Insect Diagnostic Lab](#)
  - ⇒ [Online Insect ID Tool](#)
  - ⇒ [Wisconsin School Garden Initiative Brief: Building Pollinator Gardens](#)
- ❖ University of Wisconsin - Madison - [Wisconsin Pollinators](#)
  - ⇒ [Bumble Bees of Wisconsin](#)
  - ⇒ [Pollinator Resources](#)
  - ⇒ [Field Station](#): Adjacent Cedarburg Bog State Natural Area