



## ***Missouri Master Naturalist***

***A summary of program impacts and achievements during 2018***

*“The mission of the Missouri Master Naturalist program is to engage Missourians in the stewardship of the state’s natural resources through science-based education and community service.”*

## Introduction

The Missouri Master Naturalist program results from a partnership created in 2004 between the Missouri Department of Conservation (MDC) and University of Missouri Extension. These two organizations are the sponsors of the program at the state level. Within MU Extension, the Missouri Master Naturalist Program has the distinction of being recognized as a named and branded educational program. The MU School of Natural Resources serves as the academic home for the program.

The program is jointly administered by state coordinators that represent the MDC and MU Extension. The state program coordinators provide leadership in conducting the overall program and facilitate the development of training and chapter development with Chapter Advisors representing both organizations as interest is generated within a local community.

Partnerships created at the community level are an integral part in the development of a Missouri Master Naturalist program and organization of a chapter. These partnerships serve to provide volunteers with learning experiences and opportunities for community service. Local partners may include a variety of entities such as state, federal and municipal government agencies; businesses; private, nonprofit organizations; and others that value the educational and service objectives that are within the scope of the program.

## Program Objectives

1. Improve public understanding of natural resource ecology and management by developing a pool of local knowledge that can be used to enhance and expand educational efforts within local communities
2. Enhance existing natural resources education and outreach activities by providing natural resources training at the local level, thereby developing a team of dedicated and informed volunteers
3. Develop a self-sufficient Missouri Master Naturalist volunteer network through the Chapter-based program.

An increasing number of communities and organizations across the state have relied on these skilled volunteers to implement natural resource educational programs for adults and youth audiences, for the expertise of these volunteers in implementing a variety of conservation projects, and for providing leadership in local natural resource conservation efforts. In fact, a short supply of dedicated and well-informed volunteers is often cited as a limiting factor for community-based conservation efforts.



*Missouri Master Naturalists are actively involved in conducting conservation and education projects throughout the state.*

## A Snapshot of Program Impacts for 2018

- During 2018, 132 volunteers completed the initial training course conducted by seven chapters
- Through December 2018, with combined efforts of 12 recognized chapters, 2,392 volunteers have been trained as Missouri Master Naturalists since the program was first organized in 2004.
- During 2018, volunteers provided 68,463 hours of conservation related volunteer service in their local communities.
- Over 590,00 hours of volunteer service have been provided through this program since 2004.
- Master Naturalist volunteers participated in over 11,000 hours of advance training in 2018.
- A total of 697 volunteers achieved initial certification, maintained certification, or were in active status in 2018.
- Approximately 130 organizations have partnered with Master Naturalist Chapters at the local level to accomplish natural resource education efforts and service projects within the community.
- The economic impact of Missouri Master naturalist volunteer service during 2018 is valued at \$1,893,193\*.
- The cumulative impact of Missouri Master naturalist volunteer service since 2004 is valued at \$13,883,517.

\*The value of volunteer service is calculated using the Independent Sector's \$24.69 per hour rate for 2018. The hourly value is based on the average hourly earnings for private nonagricultural workers as determined by the U.S. Bureau of labor statistics. This figure is increased by 12% to estimate fringe benefits. [www.independentsector.org](http://www.independentsector.org)

## Missouri Master Naturalist Chapters

Chapters identify with a specific community as their home base. However, they serve surrounding communities in a multi-county area.

Boone's Lick, Columbia  
Chert Glades, Joplin  
Confluence, St. Charles  
Great Rivers, St. Louis  
Hi Lonesome, Cole Camp  
Lake of the Ozarks, Camdenton

Loess Hills, St. Joseph  
Mississippi Hills, Hannibal  
Meramec Hills, Rolla  
Miramiguo, Washington  
Osage Trails, Kansas City  
Springfield Plateau, Springfield

## Missouri Master Naturalist State Program Coordinators

Syd Hime  
Volunteer and Interpretive Programs Coordinator  
Missouri Department of Conservation

Robert Pierce  
Extension Associate Professor and  
State Wildlife Specialist  
University of Missouri

## Highlights of Chapter Volunteer Service Projects

### Boone's Lick Chapter, Columbia

<http://extension.missouri.edu/boone/masternaturalist.aspx>

#### *Highlights of selected volunteer service projects*

- Members spent 363 hours assisting with the Prairie Fork Restoration Project, collecting and sorting seeds, and interpreting vegetation monitoring data to help evaluate the progress of the project.
- Several members completed the Master Pollinator Steward training program sponsored by MU Extension, Boone Regional Beekeepers, and Prairie Fork Conservation Area.
- Chapter members gave 226 hours to help with Columbia Public School's outdoor classrooms by planting natives, maintaining rain gardens, and teaching students about bluebird habitats in Missouri.
- Members volunteered 1,158 hours helping with activities at Rock Bridge Memorial State Park, including the American Woodcock Identification and Field Survey, the Missouri Bat Census, monthly butterfly counts, and youth programs (e.g., Nature Detectives, Nature Explorers, and the Urban Populations Outreach Program).
- Volunteers donated 660 hours in support of the Columbia Audubon Society, helping with the Global Big Day Bird Count and other state and national citizen science surveys.
- Chapter members hosted outreach and education booths at several area events including the Mid-Missouri Expo, Columbia Earth Day, South Farm Showcase, the Sustainability Fair, the Chestnut Roast, and the Jefferson Farm and Garden Butterfly Festival.



*Chapter volunteers participated in the Master Pollinator Steward Program, led pollinator field tours, and conducted native plant restoration activities. Members were also involved in leading numerous educational events for youth and adults throughout the local communities.*

## Chert Glades Chapter, Joplin

[www.chertglades.org](http://www.chertglades.org)

### *Highlights of selected service projects*

- In partnership with the City of Stella and MDC, the Chapter hosted Stella Eagle Days. Educational activities led by members included an eagle fish pond, grip strength gauges, and wingspan banner for kids to match their size and strength to that of the bald eagles. Over 2,500 people attended the event.
- Volunteers worked on the chert glade habitat restoration project at Redings Mill Bridge. Improvements this year included interpretive signage, seed planting, a prescribed burn, invasive weed control, and the addition of a bat house. A community conservation grant of \$5,500 was awarded to this effort by MDC for ongoing improvements. A total of 466 seedlings were planted and almost 14 pounds of native plant seed was sown on the glade area this year.
- Members planted 150 native milkweed seedlings in pollinator gardens in Joplin parks.
- The Chapter hosted outreach exhibits about pollinators at the native plant sale held at Shoal Creek CEC and at the Prairie Jubilee event at Prairie State Park.
- Volunteers collected native milkweed seed for the MDC state nursery and the Missouri Prairie Foundation.
- The Chapter partnered with Webb City and Missouri Department of Natural Resources (DNR) to clean up heavy metals and restore the Cardinal Valley reclamation area to native prairie habitat. Over 200 common and swamp milkweed seedlings were planted by volunteers, along with copper iris and pickerel weed. Twenty bluebird nest boxes and four bat houses were also installed.
- The Chapter started its second Stream Team to monitor the stream in the Cardinal Valley restoration project area.
- Volunteers assisted with the MDC Kid's Fishing day at Kellogg Lake.



*Chapter volunteers conducted numerous outreach and education programs. A MDC community conservation grant helped support restoration and habitat projects.*



## Confluence Chapter, St. Charles

<http://mmnconfluence.org>

### *Highlights of selected volunteer service projects:*



*The Chapter conducted several service projects, educational programs, and special events. They also made time for advance training and networking among members.*

- Chapter members continue to provide leadership for Missouriian's for Monarchs. Through this initiative volunteers installed, enhanced, or restored over 235 acres of pollinator habitat in the St. Louis area.
- The Chapter was a big contributor at the Monarch Madness and Pollinator Festival at Weldon Springs Interpretive Site. Volunteers assisted with set-up, staffed education booths, and led youth activities. Over 700 people were in attendance.
- Conducted invasive species removal and native prairie restoration at Hays/Matson Hill St. Charles County Park. Vernal ponds were also installed and are regularly monitored, flora and fauna surveys are conducted, and educational tours are led.
- Volunteers partnered with a variety of organizations to develop and manage the St. Charles Main Street native garden and conduct educational activities focused on native plants.
- Members partnered with Forest ReLeaf to help manage their nursery which produces 25,000 native plants annually for distribution to not-for-profit organizations.
- Constructed and maintained nest boxes for cavity nesters and developed hiking trails at Quail Ridge Park, Spring Bend Park, and Broemmelseik Park in St. Charles County.
- A variety of conservation projects were conducted at the Schulz Nature Preserve, the Lewis and Clark Boathouse, Don Robinson and Babler State Parks, and Quail Ridge Park.

## Great Rivers Chapter, St. Louis

<http://greatrivers.org>

### *Highlights of selected volunteer service projects:*



*Volunteers conducted a variety of outreach educational programs in cooperation with Chapter partners including the Greenway Network and at the MDC Rockwoods Reservation Conservation Area. Invasive species removal is an ongoing project.*

- Volunteers assisted teachers with school field trips at the Litzinger Road Ecology Center where they helped students learn to investigate natural habitats. Members also help with habitat restoration at the center.
- Members conducted butterfly monitoring and ethnobotany surveys, cataloged flora, and assisted with landscape restoration at the Missouri Botanical Gardens.
- The Chapter assisted with the Meet Me Outdoors event and led educational activities at the Botanical Gardens, the Butterfly House, and Shaw Nature Reserve.
- Volunteers contributed service to St. Louis Audubon Society by conducting 20 backyard habitat consultations for the Bring Nature Home program, led 6 bird walks, completed 42 bird surveys, staffed 16 educational booths and native garden tour events, conducted 30 school and community education events, and assisted with 12 invasive species removals, habitat restoration, and trash bash events.
- In partnership with Forest Park Forever, members participated in Kennedy Forest savanna restoration, bluebird and martin nesting box monitoring, led bird hikes and owl prowls, and assisted with other habitat restoration.
- Chapter members participated in service projects at Shaw Nature Preserve that included bat house construction, bird and plant identification, native plant seed collecting, bluebird box monitoring, habitat restoration, ant studies, and served as Teacher Naturalists.
- Volunteers assisted MDC at their Eagle Day event at Old Chain of Rocks Bridge where they helped students and the public with eagle observations and educational activities.



## Hi Lonesome Chapter, Cole Camp

<http://extension.missouri.edu/masternaturalist/colecamp>

### *Highlights of selected community service projects*

- Volunteers participated in seed mixing day at Wah'-Kon-Tah Prairie.
- Chapter members assisted with numerous prairie restoration projects.
- The Chapter participated in a numerous citizen science surveys including Great Backyard Bird Count, Global Big Day Bird Count, Christmas Bird Count, Bird-A-Thon, and monitoring regal fritillary populations. In addition, they collect survey data for MDC's Breeding Bird Survey, Frog and Toad Survey, Mast Survey, and bald eagle nest monitoring.
- Constructed, placed, and monitored barn owl nesting boxes on public and private lands in the High Ridge priority geography.
- Conducted several education outreach events including Cole Camp Prairie Days and Eagle Days at Truman Reservoir.
- Chapter members lead educational programs for the Cole Camp after school Boys and Girls Club.
- Participated in the American Burying Beetle reintroduction project sponsored by MDC, the St. Louis Zoo, and the Nature Conservancy.



*Volunteers conducted prescribed burns to enhance native vegetation on prairies and established native pollinator gardens with partners.*



*Volunteers conducted conservation educational programs with youth and participated in native plant management and clean-up activities with the Adopt-A-Highway program.*

## Lake of the Ozarks Chapter, Camdenton

<http://lakeozarkmasternaturalist.com>

### *Highlights of selected volunteer service projects:*

- In partnership with the Lakes of Missouri Volunteer Program, Missouri Stream Team, and Lake of the Ozark Watershed Alliance, Chapter members helped monitor and maintain water quality in the area lakes and rivers. The data collected supports reports on the health of the watershed and educate the public on these vital resources.
- Pollinator gardens were installed at the Senior Citizens Center in Osage Beach. Volunteers planned and prepared the planting beds. The Chapter purchased and installed native plants to attract and support Monarchs and other pollinators.
- Volunteers conducted educational and service activities at the School of the Osage nature trail. These included the development of plant identification signs, trail development and maintenance, and leading conservation programs for high school ecology classes and elementary teachers.
- Members conducted several activities at Bennett Springs State Park including trail development, invasive species removal, hosting Earth Day outreach events, and leading school field trips.
- The annual Eagle Days event continues to be one of the Chapter's premier events. Several volunteers help thousands of visitors learn about the national bird and how the local natural resources provide these birds quality winter habitat.
- In partnership with the Missouri Cave and Karst Conservancy, Chapter members continue to work on clean-up of the Goodwin sinkhole.
- Volunteers assisted with three Kids Fishing days, conducted a bird feeder workshop for area youth, and hosted a day-long native plant workshop.
- Citizen science projects include butterfly surveys, MDC's eagle nest monitoring, and mast survey.
- The Chapter developed a Speakers Bureau which provides civic organizations, community events, and school groups speakers on a variety of conservation topics.



*Chapter volunteers conducted a variety of educational programs and hosted the Lake area Eagle Days event. Members also participated in several advance training classes.*

## Loess Hills Chapter, St. Joseph

<http://loesshills.wordpress.com>

### *Highlights of selected volunteer service projects:*

- Members assisted with mandatory chronic waste disease testing and the deer health study for MDC.
- Chapter members expanded the pollinator planting at the MDC McGee Family CA with milkweed plants from the Department's state nursery Milkweeds for Monarchs efforts.
- Volunteers assisted with MDC's NW Region Arbor Day event and pallid sturgeon study.
- Volunteers led several education activities at the Wings Over Weston event including helping kids build over 300 bluebird boxes.
- In partnership with the Loess Bluffs National Wildlife Refuge, volunteers conducted educational activities during their Eagle Days and Earth Day events. They also assisted with habitat restoration and invasive species removal.
- Chapter members helped conduct the Prairie Days events at the Nature Conservancy's Dunn Ranch and MDC Pawnee Prairie by leading native plant hikes and demonstrating small mammal trapping.
- The Chapter continued their project with the Missouri Department of Transportation to plant trees along the Hwy 36 corridor from St. Joseph to Hannibal.
- Educational activities volunteers helped with included the high school Envirothon, outreach programs at Remington Nature Center, and Kids Fishing Days.
- Citizen science projects included bird surveys and bird banding.



*Volunteers hosted educational booths during Eagle Days, assisted MDC with testing deer for chronic wasting disease, and constructed bluebird houses.*



## Meramec Hills Chapter, Rolla

<http://meramechills.org>

### *Highlights of selected volunteer service projects:*

- The Chapter organized and hosted the 3<sup>rd</sup> Evening with Nature event at Rolla middle school which featured 50 educational exhibits and two programs presented by the Wonders of Wildlife National Museum and Aquarium. Over 800 people attended the public event. Volunteers continued the event for middle school students the following day with Morning with Nature.
- Utilizing Truman School's outdoor classroom volunteers led programs on frogs and amphibians for five 2<sup>nd</sup> grade classes programs.
- Volunteers led multiple educational programs for the Outdoor Kids Club, an after-school program for 2<sup>nd</sup> and 3<sup>rd</sup> graders. Some of the topics were snow tracks, owls, and owl pellets. This was the 9<sup>th</sup> year the Kid's Club worked with the Chapter to conduct tree health surveys.
- Volunteers help remove invasive species and enhance the native plant gardens at the Truman School outdoor classrooms.
- Chapter members were involved with a spring native plant sale, and Butterflies and Pollinators Festival where they made native plants available to the public and provided information on how to use them in landscaping to benefit wildlife and pollinators.
- In partnership with the Audubon Trails Nature Center, volunteers prepared and planted native seed on a 17-acre plot. This constructed savanna and prairie is a grant project with the Missourians for Monarchs Naturalists and Gardeners.
- Members donated over 3,070 hours of service to citizen science projects including ForestKeepers, MoDirt, Audubon bird surveys, water quality monitoring with Stream Teams, Nature's Notebook, and the Community Collaborative Rain, Hail, and Snow Network.
- Volunteers worked on trail maintenance, invasive species removal, and pollinator plantings at Bray CA. They also conducted several education and outreach activities at the site.



*A variety of educational activities and events were conducted within the community, including adult and youth conservation projects at Truman Elementary, with the Outdoor Kids Club, and at Bray CA.*



## Miramiguo Chapter, Washington

[www.miramigup.org](http://www.miramigup.org)

### *Highlights of selected volunteer service projects:*



*Volunteers conducted water quality and Stream Team activities as well as karst, sinkholes, and cave ecology programs with local partners.*

- Members conducted milkweed propagation and Monarch conservation activities with local partners throughout the area. Volunteers raised hundreds of Monarch caterpillars and provided milkweed plants and seeds.
- Volunteers did water quality monitoring on the Bourbeuse and Meramec rivers. The data collected provided information for an EPA research project.
- Chapter members worked on trail construction and maintenance projects at Don Robinson and Meramec State Parks, the Ozark trail, and the Lebarque Creek campus of the College School.
- Members organized and led ecological restoration and native plant maintenance projects at MDC's Henges Range and Caldwell Memorial WA, City of Manchester properties, and the Lebarque Creek campus of the College School.
- In partnership with Audubon, volunteers assisted community members in designing backyard wildlife habitat for their homes.
- Volunteers assisted with MDC's Eagle Days, Powder Valley Bio-Blitz, and Maple Syrup Days at Rockwoods Reservation.
- Members provided education booths and activities for Earth Day at Forest Park, Meet Me Outside Festival, St. Louis Home and Garden Show, Washington's River festival, and the Onadaga Green Living Fair.
- Volunteers conducted educational programs for Girl Scouts, Forest Park, Shaw Nature Reserve, area schools, and assisted with the high school Envirothon training and competition.
- Chapter members collect data for the MoDirt project sponsored by the Danforth Center.
- Members volunteered at Shaw Nature Reserve where they conserved collections of ants, digitalized slides, provided resources for the Horticulture and Education Departments, led wildflower hikes, and collected native seed.



## Mississippi River Hills Chapter, Hannibal

<http://extension.missouri.edu/marion/home.aspx>

### *Highlights of selected volunteer projects:*

- Volunteers led interpretive programs for Hannibal Parks and Recreation.
- Members engaged Hannibal high school students in a citizen science project at Sodalis Nature Preserve where they monitored bat acoustics.
- The Chapter assisted with a local MoNASP Tournament, sponsored a tree climbing station at the Hannibal Festival, and assisted with the Bear Creek trash bash,
- Members worked on invasive species removal at Riverside Cemetery and assisted with trail maintenance at Lick Creek.
- Volunteers planned, designed, and installed a native plant pollinator garden at Becky's Garden in Hannibal.
- Chapter members conducted natural resource management projects at Mark Twain Lake and assisted with a hunting event for handicapped veterans.
- Citizen science projects included the Christmas Bird Count.



*Volunteers conducted a variety of community service activities including the training class capstone project at Becky's butterfly garden, invasive species removal at Riverside Cemetery, bird counts, and they participated in invasive plant identification training.*

## Osage Trails Chapter, Kansas City

<http://osagetrails.com>

### *Highlights of selected volunteer projects:*

- Chapter members led educational activities at MDC's Discover Nature Field Days. Activities at this weekend event include fishing, archery, boating, wildlife surveying, and gives 700-1,000 participants a positive outdoors experience.
- Volunteers conducted stewardship projects at Lakeside Nature Center including invasive species removal, planting riparian areas, rejuvenating pollinator gardens, and hiking trail maintenance.
- In partnership with the Lakeside Nature Center, Chapter members assisted with the Run for the Raptor's charity event which raised \$9,000 for the Center.
- Native seed collection at the Nature Conservancy's Dunn Ranch and other locations was conducted to support prairie restoration efforts. At Dunn Ranch members harvested over 120 pounds of seed from ten priority plant species. Seed collected had a commercial value of \$37,690.
- Volunteers conducted water quality monitoring and river clean-ups including participation in the Blue River Rescue. This is the largest one-day river clean-up in the state.
- Members led educational activities and helped with logistics at Eagle Day events at Smithville Lake and Loess Hills National Wildlife Refuge. The events were attended by 4,550 people including students.
- Volunteers led educational activities and staffed informational booths at Wings Over Weston.
- Citizen science projects included surveys of bird, butterflies, and frogs, as well as soil health studies.



*A variety of conservation projects were conducted during the year, including field tours and workshops, habitat restoration, native seed collecting, and conservation education programs for youth throughout the community. The Chapter also assisted with the Run for the Raptors charity event.*



## Springfield Plateau Chapter, Springfield

<http://osagetrails.com>

### *Highlights of selected volunteer projects:*



*Volunteers conducted a variety of conservation activities for youth, participated in forest ecology field tours, and developed and managed native plant and pollinator projects with local partners.*



- The Chapter continues to support MDC's Southwest Regions teen junior leader program. This group of youth volunteers conduct educational activities throughout the community. This year three of the members were recognized for 300 and 400 hours of service.
- Volunteers assisted with the MoNASP state tournament, and provided educational activities at Bass Pro's Outdoor Days, the Home School Fair, and the Lawn and Garden Show.
- Citizen science projects included the Christmas Bird Count, deer population surveys, and water quality monitoring.
- In partnership with the WOLF school, Chapter members teach weekly conservation education sessions to their 5<sup>th</sup> grade classes.
- Volunteers conduct a variety of stewardship projects at Lake Springfield and the Boathouse including invasive species removal, prairie restoration, and establishing pollinator habitat. Part of this project included the installation of 225 milkweed plants obtained from the MDC state nursery's Milkweeds for Monarchs efforts.
- Members conducted conservation education trunk programs for Springfield and surrounding school districts.
- Volunteers conducted several educational programs and outreach events that focused on Monarchs and pollinators.
- The Chapter's blog had 71 posts this year and served 274 followers with educational information about natural resources and conservation in the local community.

## Chapter Training, Volunteer Service, Advanced Training, and Active Member Status for 2018

Chapter and Year Established	Volunteers Completing Initial Training*	Volunteer Service Hours	Advanced Training Hours	Active Members
Boone's Lick 2004	N/A	5,089	958	63
Chert Glades 2005	20	3,693	717	44
Meramec Hills 2005	N/A	7,457	1,196	74
Confluence ** 2005	8	8,023	1,112	64
Springfield Plateau 2006	N/A	7,005	980	76
Osage Trails 2006	18	10,473	1,357	94
Great Rivers ** 2007	12	11,058	1,458	104
Hi Lonesome 2008	N/A	2,232	299	21
Miramiguoia ** 2009	9	5,825	663	30
Lake of the Ozarks 2009	26	3,798	1,754	46
Loess Hills 2011	N/A	3,036	558	64
Mississippi River Hills 2018	19	774	115	17
Total	112	68,463	11,167	697

Cumulative statewide volunteer service hours since 2004: 590,581

Cumulative statewide advanced training hours since 2004: 116,553

\*Based on needs and opportunities, Chapter Advisors and chapter leadership have the discretion to decide when they want to conduct an initial training course. Chapters are not required to host an initial training program on an annual basis.

\*\* Chapters within the St. Louis region conduct a joint regional initial training. Participants in the course affiliate with one of the three Chapters: Confluence, Great Rivers, or Miramiguoia.

## Additional Program Highlights and Accomplishments

The Missouri Master Naturalist program consists of twelve chapters, each with a cadre of dedicated volunteers, supportive Chapter Advisors, and local conservation partners. Volunteers conduct numerous land stewardship, citizen science, and educational projects in their local communities. They continually engage in advance training to increase their knowledge of natural resources and resource management. Statewide they provide a network of citizens actively engaged in conservation.

In 2018 the Mississippi River Hills Chapter was started in Hannibal. The inaugural class, consisting of 19 members, completed their training in August. Seven of their members completed initial certification requirements in 2018. The Chapter members have been very active with several volunteer projects and leading a variety of educational activities.

Working with the Department of Conservation's George O. White Nursery Master Naturalist volunteers have continued the *Milkweed for Monarchs* project. Native milkweed seed collected by volunteers are donated to the nursery. The nursery uses the seed to propagate milkweed plants for pollinator habitat projects on public lands. In 2018 Master Naturalist volunteers used over 1,000 of these plants in pollinator projects they initiated on public lands within their local communities.

Chert Glades Master Naturalist Bonnie Hinman, was featured in the July 2018 issue of the *Missouri Conservationist* magazine where she was referred to as 'a master of show and tell.' The photography talents of five Master Naturalist volunteers were showcased in the Department of Conservation's 2018 Natural Events Calendar. The featured photographers were Dan Bernskoetter, Lake of the Ozarks Chapter; Kathy Carroll, Osage Trails Chapter; Carol Weston, Boone's Lick Chapter; Mark Bower and George Lantz, both in the Springfield Plateau Chapter.

The Missouri Master Naturalist program website, <https://extension2.missouri.edu/programs/missouri-master-naturalist>, provides resources for volunteers and general information about the program to Missouri citizens.

## Master Naturalist Chapter Partnerships

Developing partnerships with local organizations in the community is the key to a successful Master Naturalist program and Chapter. Local partner organizations provide the Chapter volunteers with training and service opportunities as well as other resources to support the program. In turn they benefit from association with the Master Naturalist program and from local service projects the volunteers perform. Organizations that are recognized as Master Naturalist Chapter Partners also share a mission for natural resource-related outcomes in the community.

### **Boone's Lick Chapter Partners**

Rock Bridge Memorial State Park, Prairie Fork Restoration Project, Columbia Audubon Society, MU Raptor Rehab Project, US Fish and Wildlife Service - Columbia Office, City of Columbia, CoMo Wild Yards Program, TreeKeepers, Columbia Aquatic Restoration Project, Danforth Plant Science Center, Missouri River Relief, Wild Ones Native Plant Gardens, MU Jefferson Farm and Garden, Native Plant Society, Missouri Prairie Foundation, Big Muddy National Wildlife Refuge, Community Collaborative Rain Hail and Snow Network, Greenbelt Land Trust of Missouri, North Village Arts District, Care for Creation Community Garden

### **Chert Glades Chapter Partners**

Shoal Creek Conservation and Education Center, Friends of Wildcat Glades, Prairie State Park, Neosho National Fish Hatchery, Missouri Prairie Foundation, George Washington Carver National Monument, Ozark Regional Land Trust, Ozark Gateway Audubon Chapter, MAKO Fly Fishers, Joplin Parks and Recreation, Franklin Tech, Association of Missouri Interpreters, Missourians for Monarchs, Cities of Joplin, Neosho, Webb City, Carthage, and Stella

### **Confluence Chapter Partners**

Forest ReLeaf, Lewis and Clark Boathouse, Litzsinger Road Ecology Center, Missouri Botanical Garden Missouri Bluebird Society, Forestkeepers Network, Missouri River Relief, Missouri Native Plant Society Missouri Prairie Foundation, St. Charles County Master Gardeners, Ozark Land Trust, Friends of LaBarque Creek, Greenway Network, St. Charles and St. Louis County Parks, St. Louis Audubon Society, Shaw Nature Reserve, DNR/MDC Stream Team, Weldon Springs Interpretive Center, Wentzville Parks, World Bird Sanctuary, Don Danforth Plant Science Center, Wildlife Rescue Center, Missourians for Monarchs

### **Great Rivers Chapter Partners**

Audubon Center at Riverlands, BiodiverseCITY St. Louis, Brightside St. Louis, City of Ellisville - Parks and Recreation, City of Chesterfield – Parks and Restoration, City of Webster Groves – Parks and Recreation, Deer Creek Watershed Alliance, Forest Park Forever, Forest ReLeaf, Little Creek Nature Area, Litzsinger Road Ecology Center, Mississippi River Water Trail Association, DNR/MDC Stream Team, Ozark Regional Land Trust, River des Peres Watershed Coalition, Shaw Nature Reserve, Stewards of Grand Glaize, St. Louis Audubon Society, St. Louis County Parks, The Green Center, The Open Space Council -St. Louis Region, World Bird Sanctuary, Ellisville Parks, Webster Groves Parks, Mississippi River Trails Association, Kirkwood Parks, Ferguson-Florissant School District

### **Hi Lonesome Chapter Partners**

Audubon Society of Missouri, City of Warsaw, Cole Camp Chamber of Commerce, Missouri, Prairie Foundation, Missouri River Bird Observatory, DNR/MDC Stream Team, Harry S. Truman State Park

### **Lake of the Ozarks Chapter Partners**

Ha Ha Tonka State Park, Ameren UE, Lake Ozark Watershed Alliance, Camdenton R-III Schools Missouri Department of Transportation - Central District, MU Allen Education Farm, Bennett Springs State Park, Lake Area Chamber of Commerce, Lake of the Ozarks Convention and Visitors Bureau, West Side Chamber of Commerce, Camden County Farmers Market, City of Laurie, Osage Beach City Park, Wonderland Camp

### **Loess Hills Chapter Partners**

Clay and Platte County Parks, Smithville Lake, Missouri Prairie Foundation, Missouri River Relief, DNR/MDC Stream Team, MWSU Student Chapter of the Wildlife Society, Missouri Native Plant Society, Platte Land Trust, DNR/MDC Stream Team, Missouri Department of Transportation - NW Region, Missouri Department of Waste Disposal, City of St. Joseph Parks and Recreation, Remington Nature Center, Grand River Grasslands and Dunn Ranch, Swan Lake National Wildlife Refuge, Loess Bluffs National Wildlife Refuge, Don Danforth Science Center Big Lake, Pershing, and Crowder State Parks

### **Meramec Hills Chapter Partners**

Audubon Trails Nature Reserve, Camp Brimshire, Bonebrake Center of Nature and History, DNR/MDC Stream Team, Newburgh Children's Museum, City of St. James, Truman Elementary School, Prairie Star Restoration Farm, City of Rolla, MoDOT Adopt-A-Highway, Bray Conservation Area

### **Miramiguoua Chapter Partners**

Shaw Nature Reserve, Missourians for Monarchs, Jay Henges Shooting Range, Caldwell Memorial Wildlife Area, Open Space Council, Wild Bird Sanctuary, Eastern Missouri Sierra Club, Ozark Trail Association, Meramec, Onondaga Cave and Robertsville State Parks

### **Mississippi Hills Chapter**

City of Hannibal Parks and Recreation, Hannibal LaGrange University, Hannibal Tree Board, Missouri Community Forest Council – Hannibal, Riverside Cemetery, Earth Mirrors FORREST Council, Missouri Bat Census

### **Osage Trails Chapter Partners**

Blue River Watershed Association, Burroughs Audubon Society of Kansas City, George Owens Nature Park, Heartland Tree Alliance, Blue Springs Parks and Recreation, Cave Springs, Jackson County Parks and Recreation, Kansas City Parks and Recreation, Kansas City WildLands, Keep Kansas City Beautiful, Kemper Outdoor Nature Center, Lakeside Nature Center, Martha Lafite Thompson Nature Sanctuary, Lincoln University Extension, Missouri River Relief, Burr Oak Woods Cnservation Nature Center, Platte County Land Trust, Platte County Parks and Recreation, Powell Gardens, Friends of Squaw Creek National Wildlife Refuge, The Nature Conservancy's Dunn Ranch, Loess Hills National Wildlife Refuge, Missouri Prairie Foundation

### **Springfield Plateau Chapter Partners**

Bass Pro Shops Outdoor World, Bennet Springs State Park, Boy Scouts of America - Teen Conservation Crew, Branson for Monarchs, Friends of the Garden, Greater Ozarks Audubon Society, James River Basin Partnership, City of Springfield, LAD Fair, Springfield-Greene County Park Board Department of Environmental Services, Interpreters Coalition of Springfield and SW Missouri Department of Public Works, Missouri Prairie Foundation, Safe Kids Coalition, Springfield and SW Missouri Show-Me Yards and Neighborhoods, Springfield Plateau Grotto, Springfield R-12 School District, Lakes of Missouri Volunteer Program, White Nose Syndrome Working Group/Missouri, Watershed Committee of the Ozarks, Missouri State University Bull Shoals Field Station

## Missouri Master Naturalist Chapter Advisors/Contacts

During 2018, Missouri Master Naturalist Chapter Advisors and contacts, representing MU Extension and the Missouri Department of Conservation, provided leadership and facilitated educational programs and activities to ensure the success of the Missouri Master Naturalist program and Chapters.

### *Boone's Lick Chapter:*

Kent Shannon – MU Extension

Bob Pierce - MU Extension

### *Chert Glades Chapter:*

Robert Balek – MU Extension

Jeff Cantrell and Kevin Badgley – Missouri Department of Conservation

### *Confluence Chapter:*

Rich Hoormann – MU Extension

Amy Wilkenson – Missouri Department of Conservation

### *Great Rivers Chapter:*

Nathan Brandt – MU Extension

Colleen Scott – Missouri Department of Conservation

### *Hi Lonesome Chapter:*

Gene Schmitz – MU Extension

Steve Cooper – Missouri Department of Conservation

### *Lake of the Ozarks Chapter:*

Patricia Barrett – MU Extension

Jodi Moulder – Missouri Department of Conservation

### *Loess Hills Chapter:*

Tom Fowler and Jim Humphrey – MU Extension

TJ Peacher – Missouri Department of Conservation

### *Mississippi Hills Chapter:*

Wyatt Miller – MU Extension

Kathi Moore – Missouri Department of Conservation

### *Meramec Hills Chapter:*

Sarah Havens and Chantae Alfred, MU Extension

Syd Hime – Missouri Department of Conservation

### *Miramigoua Chapter:*

Matt Herring – MU Extension

Sam Faith – Missouri Department of Conservation

### *Osage Trails Chapter:*

Tamra Real – MU Extension

Ginger Owens – Missouri Department of Conservation

### *Springfield Plateau Chapter:*

Patrick Byers – MU Extension

Jay Barber – Missouri Department of Conservation

## Alliance of Natural Resource Outreach and Service Programs

A national network has been established for Master Naturalists and similar programs. The *Alliance of Natural Resource Outreach and Service Programs* was formed in 2006 to facilitate networking and resource development for member programs with a goal to establish educational programs in all 50 states. The Missouri Master Naturalist program was one of the founding members. Currently, about 25 states have adopted the Master Naturalist model. The Missouri State Program Coordinators provide ongoing support to the Alliance through program membership, participation at annual meetings, serving on the Alliance Board, and participating in various committees. Additional information can be obtained by accessing the following website: <https://wildapricot.org>