



## Summer Service Slam at Powder Valley Conservation Nature Center!



It takes many volunteers to help us complete the tasks required for upkeep of the nature center and its 112 acres of oak-hickory forest. From fighting invasive species such as bush honeysuckle, to trail maintenance and mapping, there are many projects on the list that haven't yet been accomplished. On Saturday, July 12, from 8 a.m.–1 p.m. an "army" of veterans and volunteers will descend on the nature center grounds to help out for the Fourth Annual Summer Service Slam. The Mission Continues, volunteers, and FOX Sports Midwest will join the Missouri Department of Conservation staff to accomplish in a single day what would otherwise

take months, or even years. Volunteers can assist with these and other projects such as pond reconstruction, wildlife viewing and program area improvements, habitat improvement, fence repair, and gardening.\*

Join our army of volunteers at the Fourth Annual Summer Service Slam! It is an opportunity to join other members of the community to show your support for our veterans by spending time working side by side to improve a place that all can enjoy. Missourians care about conserving forests, fish, and wildlife, and this is the perfect time to get involved. Hope to see you there!

*TAMIE YEGGE, nature center manager*

**H**ave you ever heard the old adage, "It takes an army?" Thanks to the generosity of the nonprofit group The Mission Continues, in cooperation with FOX Sports Midwest, Powder Valley Conservation Nature Center will get just that. The group has selected Powder Valley to be the site of their Fourth Annual Summer Service Slam, a half-day volunteer work project that benefits the nature center by making long needed repairs and updates.

The Mission Continues is an organization which empowers veterans facing the challenge of adjusting to life at home to find new missions. They redeploy veterans in their communities to use the skills they learned in the military to tackle problems facing us here at home. It's a win-win for our neighborhoods and our veterans. For the Summer Service Slam, veterans will be working alongside civilian volunteers of all ages on a variety of projects to improve the nature center. The whole story will be documented by Fox Sports Midwest.

\*For more information on The Mission Continues and to register for the Summer Service Slam, visit: <https://www.missioncontinues.org/summerserviceslam/>



*We partner with many organizations and thousands of individuals to improve Missouri's forests, fish, and wildlife.*

# Jay Henges Shooting Range and Outdoor Education Center

1100 Antire Road, High Ridge, MO 63049 • [mdc.mo.gov/node/299](http://mdc.mo.gov/node/299)



From the east/St. Louis  
I-44 west to Beaumont Antire Road, exit 269. Left over I-44 to Antire Road. Right on Antire. One hundred feet to entrance. Left into driveway.

From the west/Eureka  
I-44 east to Beaumont Antire Road, exit 269. Follow exit lane around to top.

## HOURS:

May 1–August 31

Wednesday: 1–7:30 p.m.

Thursday–Sunday: 10 a.m.–4:30 p.m.

September 1–April 30

Wednesday–Sunday: 10 a.m.–4:30 p.m.

Programs are free. Call **636-938-9548** or email [henges.range@mdc.mo.gov](mailto:henges.range@mdc.mo.gov) with your name and phone number to sign up for a program requiring registration. Up to two reservations are allowed per registration; groups should contact the range for more information. If you are unable to attend, please call and cancel as a courtesy to those on the waiting list. Interpretive services are available for those with hearing loss with 5 days notice.

## Rifle Scope Mounting

June 10 • Tuesday • 6–8 p.m.

*(Ages 14 and up)*

Ever had that feeling your scope moved, wanted to buy a new scope for your rifle, or just wanted to check the mounting yourself? Let our range professionals show you the simple steps to get that scope on your rifle correct the first time. We will cover mounting systems, scope sizes, leveling, and more. Youth under age 16 must be accompanied by an adult. (Reservations begin May 10.)

## Atlatl

June 12 • Thursday • 6–8 p.m.

*(Families)*

Come join us for a fun and informative introduction to the atlatl, an ancient device that predates the bow and arrow. The atlatl can throw darts, which are several feet long, at speeds of almost 100 miles per hour. Specialists will give a presentation on the history and use of the atlatl, and then everyone will get to try their hand at throwing darts with this unique device. Atlatls are legal for hunting many game species in Missouri, including whitetail deer. Youth under age 16 must be accompanied by an adult. (Reservations begin May 12.)



## How to Bore Sight and Zero a Rifle

June 17 • Tuesday • 6–8 p.m.

*(Ages 14 and up)*

Just got that new rifle with a mounted scope, just mounted a new scope on your rifle, or not sure if your scope is still on target? This class is for you. Our professionals will explain what proper bore sighting is. They will demonstrate different ways to bore sight and then properly zero your rifle without wasting a lot of very expensive cartridges. Youth under age 16 must be accompanied by an adult. (Reservations begin May 17.)

## Youth Shooting Sports Camp

June 23–25 • Monday - Wednesday •

9 a.m.–noon

*(Ages 11–16)*

This program introduces young shooters to the rifle, handgun, and shotgun. Students will become familiar with each type of firearm and have extensive time on the range with each. All materials and safety equipment will be provided as well as qualified instructors. Information presented will include emphasis on safety and range rules plus opportunities for further training, certifications, and competitions. (Reservations begin May 23.)

## Youth .22 Caliber Rimfire Target Pistol

June 28 • Saturday • 8–9:30 a.m.

*(Ages 9–15)*

This program for young shooters will cover the basic parts, operation, and safe handling of revolvers and semi-automatic target handguns, followed by one-on-one instruction on the range. We will provide .22 caliber handguns and ammunition. Parent(s) must accompany youth. (Reservations begin May 28.)

## Women's Shooting Sports Sampler

June 30 • Monday • 6–8 p.m.

*(Women ages 11 and up)*

Are you interested in the shooting sports, but have no experience with guns or bows? Here's your opportunity! Join us for a "try-it-out" evening at the range. We'll offer you a chance to try different types of firearms as well as archery equipment. Find out what interests you most. Youth under age 16 must be accompanied by an adult. (Reservations begin May 30.)

For a complete program listing, visit [www.mdc.mo.gov/node/299](http://www.mdc.mo.gov/node/299)

# Busch Shooting Range and Outdoor Education Center

2360 Hwy D, St. Charles, MO 63304 • [mdc.mo.gov/node/270](http://mdc.mo.gov/node/270)

## Women's Basic Handgun

June 4 • Wednesday • 6–9 p.m.

June 5 • Thursday • 6–8 p.m.

(Ages 16 and up)

This program teaches female students how to safely and successfully handle and shoot handguns. The clinic will be held on Wednesday, June 4, at the August A. Busch Conservation Area Regional Office classrooms. During the clinic, we will discuss safety, handgun actions, calibers, grips, stances, sight picture, and follow-through. The live-fire session will be held Thursday, June 5, at the August A. Busch Shooting Range. We will provide .22 handguns and ammunition for the live-fire. This is a basic handgun class, and students must attend the clinic to participate in the live-fire sessions. (Reservations begin May 5.)



## Hunter Education Day Camp

June 9 • Monday-

June 13 • Friday • 9 a.m.–3 p.m.

(Ages 11–15)

During this week-long camp, students will complete the Missouri Hunter Education Certification requirements along with additional training in rifle, shotgun, and other indoor classroom and outdoor activities. Dress for the weather and bring a sack lunch and drinks. Insect repellent and sunscreen may be useful. Each morning we will meet at the August A. Busch Conservation Area Regional Office classrooms. (Reservations begin May 9.)

## Basic Archery

June 10 • Tuesday • 6–8 p.m.

(Ages 10 and up)

This program provides students with an opportunity to acquire the knowledge and skills needed to safely participate in this fun and rewarding outdoor activity. All equipment and materials will be provided for this basic archery class. This course will take place at the August A. Busch Shooting Range and Outdoor Education Center broadhead pits. Our instructors will help all participants develop their archery skills as we cover types of bows, parts of the bow and arrow, proper stance, grip, form, release, and other important tips and techniques. Youth under age 16 must be accompanied by an adult. (Reservations begin May 12.)

## Archery Day Camp

June 25 • Wednesday • 8:30 a.m.–noon

June 26 • Thursday • 8:30 a.m.–noon

(Ages 10–15)

This two-day program provides students with an opportunity to acquire the skills and knowledge needed to safely participate in this fun and rewarding outdoor activity. All equipment and materials will be provided. The course will take place at the August A. Busch Shooting Range and Outdoor Education



From I-64/40 take Hwy 94 south to Hwy D; turn west on Hwy D for approximately 5 miles. The area entrance is on the south side of Hwy D.

### HOURS:

December 1–March 31

Monday, Tuesday, Friday, Saturday, and Sunday: 10 a.m.–4 p.m.

April 1–November 30

Monday, Friday, Saturday, and Sunday: 10 a.m.–4 p.m. and Tuesday: 2–8 p.m.

Programs are free. Call **636-441-4554** to register Monday through Friday 8 a.m.–5 p.m. If you are unable to attend a program, please call and cancel as a courtesy to those on the waiting list. Interpretive services are available for those with hearing loss with 5 days notice.

Center broadhead pits. Our instructors will help all participants develop their archery skills as we cover types of bows, parts of the bow and arrow, proper stance, grip, form, release, and other important tips and techniques. (Reservations begin May 26.)

# Powder Valley Conservation Nature Center

11715 Cragwold Road, Kirkwood, MO 63122 • [mdc.mo.gov/node/271](http://mdc.mo.gov/node/271)



From I-44 east take the Watson Road exit and turn left on Geyer. Cross over the bridge and turn left on Cragwold Road. Follow one mile to the entrance. Enjoy nature exhibits, attend programs, purchase hunting and fishing permits, browse through a nature-related gift shop, and pick up free conservation brochures. Outdoors, enjoy three miles of hiking trails through oak hickory forest.

## HOURS:

Building: Tuesday–Saturday: 8 a.m.–5 p.m.

Area: Daily: 8 a.m.–8 p.m. DST  
8 a.m.–6 p.m. CST

Programs are free. Call **314-301-1500** to register. If you are unable to attend a program, please call and cancel as a courtesy to those on the waiting list. Interpretive services are available for those with hearing loss with 5 days notice.

## Super Summer Series

Wednesdays and Fridays  
10–11 a.m. and 1–2 p.m.  
(Ages 6 and up)

Join the fun at our Super Summer Series. Pick the program, day, and time that fits into your schedule and learn about the wonders of nature. Families, scout, and camp groups are welcome. All programs will be conducted in the auditorium. Please call for your reservation.

### Feathered Friends

June 4 • Wednesday and  
June 25 • Wednesday

Take a close look at a bird's wings, feet, and beak. Learn how these body parts and other adaptations are essential for a bird to survive in the wild! After a short bird discussion, we will use wings, feet, and beaks to practice bird survival techniques.

### Reptiles Rock

June 6 • Friday and  
June 27 Friday •

Lizards and turtles and snakes. Oh my! What makes an animal a reptile? Find out the answers to this question and touch live reptiles in this fun program.

### Mammal Mania

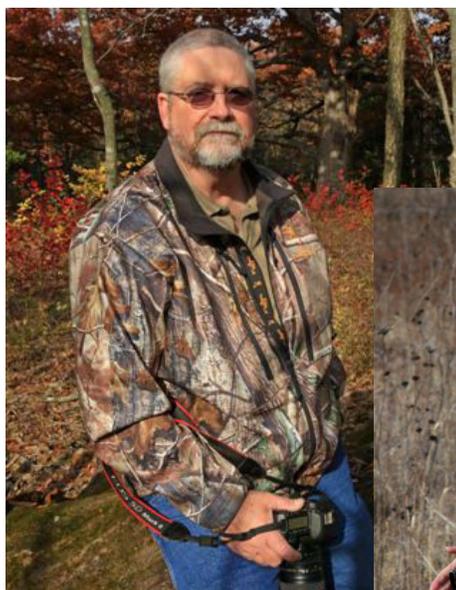
June 11 • Wednesday •

Do you think that little animal is cute? It may be, but remember it is wild! Learn about some of the mammals living in Missouri. We will not have live animals, but you will be able to touch mammal pelts and skulls while learning about some of the mammals living in Missouri.

### Nature: Friend or Foe?

June 13 • Friday •

Are you leery about going outside for fear of snakes, spiders, or poison ivy? Well, have no fear. You can easily learn to identify some common outdoor hazards and safely enjoy the great Missouri outdoors.



## Powder Valley Hallway Exhibit

### Dan Rackley and Marcia Owens Photography

Dan Rackley and Marcia Owens are friends and native Missourians who love to travel the state and back roads, enjoying nature and taking photographs. Together, they decided to spend the year 2013 photographing as many Missouri wildflowers as they could—braving the elements, the chiggers, mosquitoes, and ticks. From March through November, they dedicated many hours to photographing thousands of wildflowers at different locations throughout mid-Missouri.

“We were astonished to discover many wildflowers that we never knew existed, and some that were so small (like the scarlet pimpernel) that we almost missed them. There are so many unique and beautiful wildflowers in Missouri—we feel we have only begun to represent them. We hope you enjoy our photographs and that they encourage you to make some discoveries for yourself.”

# Powder Valley Conservation Nature Center

11715 Cragwold Road, Kirkwood, MO 63122 • [mdc.mo.gov/node/271](http://mdc.mo.gov/node/271)

## Dutch Oven Cooking

June 10 • Tuesday • 9 a.m.–noon

*(Families ages 10 and up)*

Dutch ovens have been used for hundreds of years for survival and pleasure. Come experience this age-old tradition. Try a few different recipes, then sample them. You will also be able to observe other outdoor cooking methods made from simple supplies. (Reservations begin May 28.)



## Fireflies: Summer Night Lights

June 10 • Tuesday • 7:30–9 p.m.

*(Families ages 7 and up)*

Remember delightful, warm summer nights bounding through friends' yards to capture a firefly? Re-experience this childhood memory with your little ones as we learn more about this fascinating beetle. Then we'll take a hike into a magical forest filled with twinkling lights. (Reservations begin May 28.)

## Leaping Lizards

June 24 • Tuesday • 9:30–11 a.m.

*(Ages 6 and up)*

What's that rustling sound? Look around. If the noise isn't a squirrel hunting nuts or a robin hunting worms, then most likely it's a sunbathing lizard! If you walk quietly and look carefully, you may see other lizards on rocks or fence posts. Do you want to know more about them? What kind did you see? What do they eat? Can lizards really lose their tails? Have fun learning about lizards with activities and crafts. (Reservations begin June 3).

## Volunteer Milestones

Ginny Bilbro	750 hours
Anne Buhr	1250 hours
Roger Lehnert	300 hours
Wayne Schiefelbein	200 hours
Pat Siewing	200 hours
Cindy Taylor	1250 hours



## You and Me under the Canopy

June 25 • Wednesday • 10–11 a.m.

*(Ages birth–8)*

Families, meet in the nature center lobby for a "nature" adventure. Dress for the weather because we won't be in the building long! Everyone will hike with the naturalist to a special place in the forest and enjoy a nature story under the canopy. Siblings are welcome. In case of inclement weather, the program will be shortened to 30 minutes. (Reservations begin June 11.)

## Music Inspired by Aldo Leopold



June 6 • Friday • 7 p.m.

*(Ages 12 and up)*

Mike Fraser and Tenley Hansen are folk musicians who specialize in the traditional music of the Ozarks. Mike and Tenley began working together as members of the Shortleaf Band in 2006, with Mike performing on fiddle, guitar, mandolin, mouthbow, harmonica, and autoharp. Tenley performs on keyboard, guitar, fiddle, spoons, bodhran, and vocals.

Aldo Leopold, known as the "Father of Conservation" and author of "Sand County Almanac," has inspired Mike and Tenley to compose the original music that will be integrated throughout the program.

Mike is the author of "Fiddles and Forests," and "Voices of the Hills" produced by MDC. (Call 314-301-1500 for reservations.)

# Columbia Bottom Conservation Area

801 Strodtman Road, St. Louis, MO 63138 • [mdc.mo.gov/node/298](http://mdc.mo.gov/node/298)



From I-270 north, take the Riverview Drive exit (last Missouri exit); go north 2.8 miles. Riverview Drive becomes Columbia Bottom Road at its intersection with Larimore Road. The entrance is on the right-hand side.

## HOURS:

Building: Wednesday–Friday: 8 a.m.–5 p.m.

Saturday–Sunday: 8 a.m.–4 p.m.

Area: One-half hour before sunrise to one-half hour after sunset except authorized activities.

Programs are free. Call **314-877-6014** to sign up for a program requiring registration. If you are unable to attend a program, please call and cancel as a courtesy to those on the waiting list. Interpretive services are available for those with hearing loss with 5 days notice.

## Habitat Hurrah Day Camp

June 9–12 • Monday–Thursday • 10 a.m.–2 p.m.

(Ages 9-12)

Experience the great outdoors and the habitats that make up Columbia Bottom. Discover how humans, plants, and animals survive in the wild. Learn about prairies, wetlands, forests, and the big rivers through outdoor exploration on Columbia Bottom's over 4,300 plus acres.

Participants must sign up for all four days and bring a sack lunch. Parents, please ask for a waiver to fill out when signing up. The reservation form and waiver must be filled out by a parent or guardian and the reservation is not complete until we confirm receipt at Columbia Bottom. (Reservations run May 7 through June 4.)



## Checkin' Out Our Favorite Fishin' Spot

June 13 • Friday • 7–9 p.m.

(Ages 6 and up)

Conservation makes Missouri a great place to hunt and fish. So, how do we work to sustain healthy fish, forest, and wildlife? One way is through regulated fishing and hunting. Join us for a walk to Columbia Bottom's favorite fishing spot, the Canoe/Kayak Access, to learn about our fishing and hunting opportunities. As a bonus, we'll catch the setting sun as we walk back to the Confluence to watch the moon rise over the Mississippi and Missouri rivers. Meet at Lot M, about 4 ½ miles from the front entrance. (Reservations begin May 30.)

# Forest Park Office

5595 Grand Drive, St. Louis, MO 63112 • [mdc.mo.gov/node/10254](http://mdc.mo.gov/node/10254)



From I-44 take Kingshighway north to West Pine Blvd, turn left. Follow West Pine to Lindell, turn left. Continue on Lindell past Union Drive to Cricket, turn left. Take first right onto Grand Ave. The visitor's center is on the right.

## HOURS:

Monday–Friday: 8 a.m.–5 p.m.

Programs are free. Call **314-877-1309** to sign up for a program requiring registration. If you are unable to attend a program, please call and cancel as a courtesy to those on the waiting list. Interpretive services are available for those with hearing loss with 5 days notice.

## Child vs. Wild Day Camp

June 23–26 • Monday–Thursday • 10 a.m.–2 p.m.

(Ages 8-12)

Battle the wilds of Forest Park in a different microhabitat each day. Comb the prairie, trample the forest, and soak through the wetland in the greatest urban park in the country! Campers, be ready to encounter different challenges as the week unfolds. This camp is held outdoors with basecamp at the Dennis and Judith Jones Visitor and Education Center. Participants must sign up for all four days and bring a sack lunch. Completed registration, including a waiver and emergency contact sheet, must be received by June 18. (Reservations begin June 2.)

# August A. Busch Memorial Conservation Area

2360 Hwy D, St. Charles, MO 63304 • [mdc.mo.gov/node/300](http://mdc.mo.gov/node/300)

## MTC Wildlife Hike: Resident Birds

June 7 • Saturday • 7:30 a.m.–1 p.m.  
(Ages 12 and up)

Take an early morning hike at the Marais Temps Clair (MTC) Conservation Area in north St. Charles County. Look for resident birds and other animals that make their home in the MTC wetlands. Spotting scopes will be provided to view birds active in the comfortable early morning temperatures. Effort = Moderate, 5 mile walk on flat gravel levee roads. (Reservations begin May 23.)

## Get Out and Camp!

June 14 and 15 • Saturday 10 a.m.–  
Sunday • noon

(Families with a Disabled Family Member,  
Ages 7 and up)

Begin your family's camping way of life by experiencing an overnight campout at Busch. Learn outdoor skills, safety, and camp cooking including a special Father's Day breakfast on Sunday. Camp is for persons with disabilities and their immediate family/support. Site is wheelchair accessible. Orientation materials will be provided with registration. Some equipment available to borrow free of charge. (Reservations begin May 23.)

## Beyond Basic Birding: Cerulean Warblers

June 20 • Friday • 7–10:30 a.m.  
(Ages 15 and up)

Expand your bird-watching horizons beyond your backyard. Discover the Cerulean Warbler, one of Missouri's colorful summer visitors and a species of conservation concern. Meet at the Lost Valley Trail parking lot in the Weldon Spring Conservation Area, located adjacent to the Busch Area. Please bring binoculars, a field guide, and bug spray. Effort = Moderate, approx. 3 mile walk on flat, natural surface. (Reservations begin June 6.)



*Discover Missouri's rivers and streams with the updated and revised Paddler's Guide to Missouri, available at the Nature Shop.*



From I-64/40 take Hwy 94 south to Hwy D; turn west on D for approximately two miles. The area entrance is on the north side of Hwy D.

### HOURS:

Building: Monday–Friday: 8 a.m.–5 p.m.

Area: Daily: 4 a.m.–10 p.m.

Programs are free. Call **636-441-4554** to sign up for a program requiring registration. If you are unable to attend a program, please call and cancel as a courtesy to those on the waiting list. Interpretive services are available for those with hearing loss with 5 days notice.

## Naturalist Training School

June 12, 19 and 26 • Thursdays •  
9 a.m.–4 p.m.

(Ages 12–15)

Thinking of a career in conservation? Team up with our naturalists to get a head start studying resources, working on projects, and job shadowing with the naturalists from Rockwoods and Busch. Each session will be held at Busch, is for students only, and includes a project to be presented on the final day. Parents are invited to attend project presentations from 3–4 p.m. (Registration begins May 15.)

Thursday, June 12 – Birds and Herps

Thursday, June 19 – Aquatics

Thursday, June 26 – Trees and Forests

What's **HOT** in the **NATURE SHOP!**

**SAVE 20%**  
MAY 1–  
JUNE 30

**A Paddler's Guide to Missouri**

Discover Missouri's rivers and streams with the updated and revised *Paddler's Guide to Missouri*

# Rockwoods Reservation

2751 Glencoe Road, Wildwood, MO 63038 • [mdc.mo.gov/node/272](http://mdc.mo.gov/node/272)



From I-44 take Hwy 109 north 4 miles to Woods Avenue; left on Woods Avenue, then immediately right on Glencoe Road. From Manchester Road take Hwy 109 south 2 miles to Woods Avenue; right on Woods Avenue, then immediately right on Glencoe Road.

## HOURS:

Building: Monday–Friday: 8 a.m.–5 p.m.  
Area: Sunrise to one-half hour after sunset except authorized activities.

Programs are free. Call **636-458-2236** to sign up for a program requiring registration. If you are unable to attend a program, please call and cancel as a courtesy to those on the waiting list. Interpretive services are available for those with hearing loss with 5 days notice.



## Canoeing the Meramec River

The Busch and Rockwoods Naturalists are teaming up again this year to take you and your family on an unforgettable adventure to discover nature on the Meramec River. Be sure to watch for dates and details in your July and August editions of Conservation Connections.

## Wiggling Worms at Work

June 20 • Friday • 10–11:30 a.m.

(Ages 3–6)

Discover the secret world of worms! Crawling through the dirt, worms help plants grow. Find out how they survive without ears, eyes, noses, and just a tiny brain. Hear a story about their life cycle and meet some real earthworms. (Reservations begin June 6.)



## Destination Hike: Valley View Glades Natural Area

June 21 • Saturday • 9 a.m.–1 p.m.

(Ages 14 and up)

Explore a treasure of the Ozarks, a glade community. Discover flora and fauna species specific to the area. Compare glades and prairies based on available water and sunlight. Valley View Glades is located in Jefferson County, on Route B between Hillsboro and Cedar Hill. Effort = Moderate to Difficult, three-mile natural surface hiking with exposure to weather and little or no tree cover. (Reservations begin June 6.)

## Naturalist Training School: August A. Busch Memorial C.A.

June 12, 19 and 26 • Thursdays • 9 a.m.–4 p.m.

(Ages 12–15)

Thinking of a career in conservation? Team up with our Naturalists to get a head start studying resources, working on projects, and job shadowing with the Naturalists from Rockwoods and Busch. Each session will be held at Busch, is for students only, and includes a project to be presented on the final day. Parents are invited to attend project presentations from 3–4 p.m. (Registration begins May 15 at Busch, 636-441-4554.)

Thursday, June 12 – Birds and Herps

Thursday, June 19 – Aquatics

Thursday, June 26 – Trees and Forests