



# Carter Caves State Resort Park

April 19 - 21, 2013

## Wildflower Pilgrimage



Nature enthusiasts step outside and enjoy the natural wonders of Carter Caves.

The ridges and valleys around the park are known for a large diversity of tree species, birds, and blooming spring wildflowers. Enjoy guided hikes, van tours, canoe trips and workshops that will get you up close to many of these natural attractions found here.

Sign up for specific field trips during onsite registration on Friday evening or Saturday morning of the event weekend.



**For Camping  
Reservations  
Call  
888-459-7275**

### Workshop Package

**Admission to field trips and workshops Friday Night through Sunday Morning. Sign up for individual field trips will be done onsite.**

**\$15 per adult 13yrs & up  
\$10 per child 6-12yrs.**

### Workshop & Lodging Package

- Admission to all workshop programs Friday night - Sun. morning
- Two nights lodging in Lewis Caveland Lodge

**\$154.<sup>95</sup> + tax for one adult** (single occupancy room)

**\$169.<sup>95</sup> + tax for two adults** (double occupancy Room)



Breakfast - 7:00-10:00

Lunch - 11:30-2:00

Dinner - 5:00-8:00



Find us on  
Facebook

Call 1-800-325-0059 for information and reservations  
Carter Caves State Resort Park • 344 Caveland Drive  
Olive Hill, Kentucky 41164  
[PARKS.KY.GOV](http://PARKS.KY.GOV)



## **FRIDAY APRIL 19, 2013**

### **Friday Early Bird Trip 3:00 PM**

**A WILDFLOWER, GEO/ARCHAEOLOGICAL AND ETHNOBOTANICAL TRIP THROUGH THE ANCIENT PAST OF CARTER CAVES - (Led by Matt Maley)** We will travel east of the lodge on the Blue Trail and see the six Carter Caves Sandstone outcrops containing rock shelters used by Indians hundreds to thousands of years ago. A number of wildflowers are present on this trail. From there we will follow the Rockhouse Trail and see the massive sandstone cliffs and stand in the actual places where ancient people stood and marveled at the beauty and serenity of the Neolithic past. Next we will pass down into Wood Hen Hollow and marvel at the ferns and large variety of wildflowers common to Carter Caves. The trip will cross over and then under the largest arch in Kentucky where we will see the very unusual water resurgence channel and cave formed by the underground stream. The trip then loops back to the Lodge where we will see evidence of the Mississippian Era Ocean in the rocks which make up the walls, steps and building facing (this trip is repeated Sunday morning). *Meets in lodge lobby; No transportation required; Limit 16; Distance less than 1 mile.*

### **Field Trip Registration (6:00-8:00pm) Lobby of Lodge**

### **Friday Night Field Trip 8:00 PM**

**"NIGHT LIVES OF NATIVE PLANTS" - (Led by Dianne Anestis and Doug Wood)** Take a short walk with us as the skies begin to darken. You will get a feel for the woods growing dark and the plants preparing for nightfall as their blooms begin to close. We will touch on plants and ecological roles, especially as they relate to night creatures. During the hike we will test our human senses by interactively participating in touching different tree barks and smelling different leaves. *Meets at the lodge lobby; No transportation required; Limit 20; Distance 1/2 mile.*

## **SATURDAY APRIL 20, 2013**

### **Field Trip Registration (8:30 - 9:30am) Lobby of Lodge**

### **Saturday Morning Field Trips 7:30AM**

**SPRING TIME AND FEATHERED FRIENDS - (Led by Ron Vanover, Evelyn Morgan & John Tierney)** Birds are fascinating, intriguing, and exhibit beautiful colors (especially the males). Do you love to watch birds? Do you wish you could identify some of the birds that live near you? If so, this field trip will teach basic identification along with vocal songs and calls. Spring brings many migrating warblers to Carter Caves. It will definitely give you some basic birding techniques that will help you become a better birder. It is suggested you bring your own binoculars, a bird identification book, wear comfortable shoes, quiet clothing, a hat and sunscreen. Not recommended for young children. *Meets in front of the lodge; No transportation required; Limit 15; Distance 1 mile.*

### **Saturday Morning Field Trips 9:30AM**

**A TRIP THROUGH HORN HOLLOW - (Led by John Tierney)** This 2 mile trek over hilly terrain provides the opportunity to see a profusion of spring wildflowers. This remote area has beautiful streams emerging from caves and the opportunity to see an abundance of wildlife. *Meets at the Welcome Center; Limit 20. Distance 2 miles.*

**FERNS OF CARTER CAVES - (Led by Alexia Callihan)** With a total of 48 fern species, Carter Caves State Park has the highest fern species richness of the surrounding area. This hike will showcase some of the most common ferns of the area as well as some of the rarest and primitive of species. Join in this mild to sometimes moderate trek through Box Canyon of the Cascade Caves area and other fern-rich areas of the park. A hand lens (also known as a jeweler's loop) or a strong magnifying glass is suggested for study of morphological features but is not required. Observe the beauty and diversity of spring ferns as they unfurl their fronds throughout the park. The group will meet at the Welcome Center and from there, we will motorcade 3 1/2 miles to the area. *Meets at the Welcome Center; Transportation Required; Limit 15; Distance approximately 1.5 miles.*

**LANDSCAPING WITH NATIVE PLANTS - (Led by Doug Wood)** This workshop will begin indoors and will introduce participants to the basics of landscaping projects using native plants. The indoor session will cover intellectual resources available for planning your project, selecting & assessing a potential landscaping site & researching the plants. The next 2.5 hrs will be a field research hike to check out native plants in a variety of habitats. The terrain will range from easy to moderate. *Meets at the lodge; Transportation required; Limit 15; Distance less than 2 miles.*

**TREE IDENTIFICATION - (Led by Vanessa Stevens)** Trees are found almost everywhere you go, whether you live in an urban or rural area you will always be able to find different tree species. Identifying trees is fun and sometimes challenging especially during the winter when they lose their leaves. We will be identifying tree species by leaf shape, tree growth form, bark, & twig characteristics. The terrain can range from easy to difficult. *Meets in lodge lobby; Transportation required; Limit 20, Distance 1 mile.*

## **Saturday Morning Field Trips 9:30AM (continued)**

**VAN WILDFLOWER EXCURSION - (Led by Sam Plummer)** This trip is designed to get you to some beautiful areas without much hiking or at least mainly flat land hiking which is hard to find in Eastern KY. We will load up in the van at the lodge and head to some choice locations with lots of blooms along the beautiful Tygart Creek. Then we will drive you to a higher elevation above Creeks gorge and take a walk in an area that is rich in sandstone cliff sides, rhododendron and forest woods filled with blooming wildflowers. *Meets at the lodge; No transportation required; Limit 10; Distance 1 mile.*

**WILDFLOWERS, PLANTS USED BY NATIVE AMERICANS AND PIONEERS, THE GEOLOGY AND ARCHAEOLOGICAL SITES AT CARTER CAVES - (Led by Matt Maley)** Follow the Raven, 3 Bridges, and Rockhouse trails to view the numerous species of Wildflowers that are unique to Eastern KY. Discover which plants were used by Native Americans and Pioneers (Ethnobotany). Travel back in time to review the Geo/Archaeology as we walk above, under and through 16 Archaeological Sites inhabited by the Indians hundreds to thousands of years ago and visit the Raven Bridge that may have served as a ceremonial site for ancient visitors to the area. Along with the 30 or so species of Wildflowers we will see a variety of ferns, mosses, lichens and other plants that make up the Carter Caves forest. *Meets at the Lodge; No transportation required. Limit 15. Distance 1.3 miles.*

## **Saturday Afternoon Field Trips 1:30PM**

**A VISIT TO CASCADE - (Led by John Tierney)** The Cascade area, best known for its cave, also has a 3/4 mile loop trail that passes some of the most unusual geologic features in the park. Cascade Natural bridge, Box Canyon, and the Wind Tunnel are just some of the names of features that you will see. If there is time, the group may also visit an overlook of the Tygart's Creek Gorge. The trail is steep and rough in places, but is well worth the effort. The group will meet at the Welcome Center and from there, we will motorcade 3 1/2 miles to the area. *Meets at the Welcome Center; Transportation Required; Limit 20; Distance 1 mile.*

**FOLLOW AN ANCIENT ABORIGINAL PATH IN SEARCH OF WILDFLOWERS AND OTHER PLANTS USED BY NATIVE PEOPLE AND EARLY VISITORS TO THE AREA - (Led by Matt Maley)** We will follow an ancient path that tracks along the Cave Branch Creek to discover the many wildflowers and other plants that offer a look back into the history of when Native Peoples and Pioneers traveled through this area. Many of the plants we will see were used for a variety of purposes by the Indians and settlers of this region. We will be passing through an Archaeological Zone which is over 1.5 miles long where the Indians visited and camped to obtain the numerous resources of the area. We will look at some of the ancient artifacts in the Cave Branch Creek. In addition, we will look into the west (back) entrance to Bat Cave where legend indicates that Indians and Pioneers met and probably camped in what is called the "bedroom" passage of the cave. *Meets at lodge lobby; Transportation required; Limit 15; Distance less than 1 mile.*

**MEDICINAL & EDIBLE PLANTS –18<sup>TH</sup> CENTURY LORE – (led by Dianne Anestis)** Weather permitting, participants will take an easy-to-moderate walk along the Natural Bridge Trail to learn about native plant uses from our past. Some of these remedies are still used in various forms today, and some have been described by modern science to have undesirable effects with better alternatives available. This walk is designed for participants to gain an appreciation of early herbalists' knowledge and experimentation, but it is not a 'do it yourself' course. Distance ~1/2 mile with steps (optional) and a possible creek crossing. Frequent stops for discussion and to admire Natural Bridge, the entrance to Bat Cave, and the wildflowers. *Meet at the Welcome Center; No transportation required; Limit 20; Distance 1/2 mile.*

**SMOKY LAKE CANOE EXCURSION - (Led by Coy Ainsley)** This is a leisurely paced canoe trip on the park's 45-acre lake and a short section of Smoky Creek. We will portage and take a walk along a section of the 4c's trail into a cove that is rich in wildflowers. We will have to cross a section of smoky creek by foot, depending on the water levels you may get your feet wet. We provide canoes, paddles and life vests. We recommend you bring bottled water, sunscreen, sunglasses or a hat. Participants 15 & under must be accompanied by an adult. Participants must weigh at least 50 pounds to go on the trip. Assistance with loading and unloading the canoes will be required. *Meets at the Welcome Center; Limit 14; A one mile drive to the lake-front may be required.*

**TREE IDENTIFICATION - (Led by Vanessa Stevens)** Trees are found almost everywhere you go, whether you live in an urban or rural area you will always be able to find different tree species. Identifying trees is fun and sometimes challenging especially during the winter when they lose their leaves. We will be identifying tree species by leaf shape, tree growth form, bark, & twig characteristics. The terrain can range from easy to difficult. *Meets in lodge lobby; Transportation required; Limit 20, Distance 1 mile.*

**VAN WILDFLOWER EXCURSION - (Led by Sam Plummer)** This trip is designed to get you to some beautiful areas without much hiking or at least mainly flat land hiking which is hard to find in Eastern KY. We will load up in the van at the lodge and head to some choice locations with lots of blooms along the beautiful Tygart Creek. Then we will drive you to a higher elevation above Creeks gorge and take a walk in an area that is rich in sandstone cliff sides, rhododendron and forest woods filled with blooming wildflowers. *Meets at the lodge; No transportation required; Limit 10; Distance 1 mile.*

## **Saturday Afternoon Field Trips 4:00PM**

**SPRING TIME AND FEATHERED FRIENDS - (Led by Ron Vanover & Doug Wood)** "Birds are fascinating, intriguing, and exhibit beautiful colors (especially the males). Do you love to watch birds? Do you wish you could identify some of the birds that live near you? If so, this field trip will teach basic identification along with vocal songs and calls. With spring, it brings many migrating warblers to Carter Caves. It will definitely give you some basic birding techniques that will help you become a better birder. It is suggested you bring your own binoculars, a bird identification book, wear comfortable shoes, quiet clothing, a hat and sunscreen. Not recommended for young children. *Meets in front of the lodge; No transportation required; Limit 15; Distance 1 mile.*

## **Saturday Night Program 7:00PM**

**"NATIVE PLANTS & EARLY NATURALISTS"** (Led by Dianne Anestis) Much of what we know about the plants, animals, and ecology of our area has been preserved for us by the observations of early Naturalists. This PowerPoint will introduce participants to select naturalists from the 16<sup>th</sup> thru the 19<sup>th</sup> centuries, as well as some of the native plants and plant uses that they described. *Meet in the Fields Facility of the lodge 1 hour.*

## **SUNDAY APRIL 21, 2013**

### **Morning Field Trips 9:30AM**

**A GEO/ARCHAEOLOGICAL AND ETHNOBOTANICAL TRIP THROUGH THE ANCIENT PAST OF CARTER CAVES - (Led by Matt Maley)** We will go back to the days when Aboriginal visitors (the Indians) roamed these hills and visit many of the rockshelters where they lived on a seasonal basis. We will see the abundant wildflowers that line the Raven, Rockhouse, and Three Bridges trails and consider the Geology that makes this area somewhat unique. We will stand in the actual places where ancient people stood and marveled at the beauty and serenity of the Neolithic past. The trip will cross over and then under the largest arch in Kentucky where we will see the very unusual water resurgence channel and cave formed by the underground stream. The trip then takes us back to the Lodge where we will see evidence of the Mississippian Era Ocean in the rocks which make up the walls, steps and building facing. (This trip covers some of the area covered during the Saturday morning trip plus additional and different areas) *Meets in lodge lobby; No transportation required; Limit 16; Distance less than 1 mile. 1hr*

**"FERN PRINTING WORKSHOP" – (led by Dianne Anestis)** To compliment the fern ID field trips, participants will be able to preserve the beauty of ferns, exercise their creativity, and take home a memento of their weekend. Participants will use provided ferns (gathered off of the park) to make positive and negative prints. Fern prints may be made from participant's ferns if their field trips and gathering are off of the park. *Meets in the fields facility of the lodge; Limit 25; Duration 1 hour.*

**SMOKY LAKE CANOE EXCURSION - (Led by Coy Ainsley)** This is a leisurely-paced canoe trip on the park's 45-acre lake and a short section of Smoky Creek. We will portage and take a walk along a section of the 4c's trail into a cove that is rich in wildflowers. We will have to cross a section of smoky creek by foot, depending on the water levels you may get your feet wet. We provide canoes, paddles and life vests. We recommend you bring bottled water, sunscreen, sunglasses or a hat. Participants 15 & under must be accompanied by an adult. Participants must weigh at least 50 pounds to go on the trip. Assistance with loading and unloading the canoes will be required. *Meets at the Welcome Center; Limit 14; A one mile drive to the lake-front may be required.*

**VAN WILDFLOWER EXCURSION - (Led by Sam Plummer)** This trip is designed to get you to some beautiful areas without much hiking or at least mainly flat land hiking which is hard to find in Eastern KY. We will load up in the van at the lodge and head to some choice locations with lots of blooms along the beautiful Tygart Creek. Then we will drive you to a higher elevation above Creeks gorge and take a walk in an area that is rich in sandstone cliff sides, rhododendron and forest woods filled with blooming wildflowers. *Meets at the lodge; No transportation required; Limit 10; Distance 1 mile.*

**INVASIVES – (led by Doug Wood and Ron Vanover)** You hear more and more about invasive species becoming established and harming native plants, tree species and animals. From the White Nose Syndrome effecting the bat population to garlic mustard and kudzu taking over forest floors invasive species are spreading to our remaining natural areas in North America. This trip will introduce you to some of the different invasive species we are seeing in Eastern Kentucky. For part of this workshop we will do a hands on invasive species removal of burning bush seedlings that are invading the forested area around the lodge. *Meets at the lodge; No transportation required; Limit 15; Distance Less than 1/2 mile.*

*Mark your Calendar: April 11 - 12, 2014 Wildflower Weekend*