



Roan Mountain Spring Naturalists Rally
Jennifer Bauer and James Neves, Directors
 124 Sugar Hollow Ridge Road
 Roan Mountain, TN 37687

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FIFTY-EIGHTH ANNUAL

Roan Mountain **Spring Naturalists Rally** April 22 – 24, 2016

Speakers:



Liz Domingue



Mick Whitelaw

Sponsored by:
The Friends of Roan Mountain
Gary Barrigar, President
Jennifer Bauer & James Neves,
Spring Rally Directors

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and passion. Through photography, observation, and research, Liz has studied wildlife, plants, and the natural world in the United States and abroad. She is a co-author of the field guide, *Butterflies & Familiar Moths of the Smokies* (soon to be in press); a contributing writer for *Smokies Life*; served as a contributing writer, photographer and consultant for McGraw-Hill Science Textbooks; and has her photos published in a variety of books and magazines. Liz leads guided interpretive hikes and Naturalist Adventure Tours, and conducts environmental education programs for youth, adults, and fellow educators through her business, *Just Get Outdoors*.

Saturday Program: Dr. Mick Whitelaw **Roan Mountain and the Tweetsie: Trains, People and Iron**

The history of Roan Mountain goes back almost 2 billion years and includes major mountain building events that created the biggest iron ore deposit known in the eastern USA. High grade magnetite ore was discovered on Roan Mountain after the War of 1812 and was later smelted by the Confederates in a local bloomery. In 1881 a train line designed to bring the ore from Roan Mountain to Johnson City for smelting was begun. The train served the iron mine until 1929 and local communities until 1950 and became known as the “Tweetsie”. This talk will review the history of the Roan Mountain iron mines and the little train with a heart.

Dr. Mick Whitelaw received his B.Sc. in Geology at Monash University, Melbourne, Australia in 1983 and a Ph.D. from the University of Florida in 1990. He held instructor positions at the University of Texas, El Paso and the University of Louisiana, Lafayette before taking his current position in the Department of Geosciences at East Tennessee State University in 2003. He specializes in stratigraphy and the geology of the East Tennessee region and serves as site geologist for the Gray Fossil Site.

The 51st Annual Roan Mountain Fall Naturalists' Rally will be held September 09-11, 2016

The 59th Annual Roan Mountain Spring Naturalists Rally will be held April 28-30, 2017

Dear Friends,

The 58th annual Spring Rally will continue the tradition of offering nature enthusiasts the opportunity to enjoy field trips and engaging programs that cover many aspects of the natural history of Roan Mountain and the surrounding area.

The Roan Mountain State Park’s Conference Center will host programs, meals, information booths and registration, while field trips will leave from the field on the left before entrance to the cabins in the park. Registration will also be available at the field prior to the field trip departures.

Because of the continued support of the Friends of Roan Mountain, the Naturalists Rallies have the resources they need to prosper and grow. The Friends of Roan Mountain also provides support for research and restoration projects on the Roan. Consider joining the Friends of Roan Mountain, if you are not a member. Members receive free admission to all Naturalists Rally events and our newsletter, “Friends of Roan Mountain.” The Friends of Roan Mountain thanks Roan Mountain State Park for their long-time support of the Naturalists Rallies.

We look forward to celebrating the natural history of Roan Mountain with you!

Sincerely,
 Jennifer Bauer and James Neves
 Spring Rally Directors

Friday Program: Liz Domingue **Butterflies & Familiar Moths of the Smokies**

After birds, butterflies and moths are the most common flying animals likely to be observed in Great Smoky Mountains National Park. Join Liz for a broad, informative overview of the diversity of the butterflies and some of the showiest and most commonly observed moths of the Smokies. Throughout the presentation she will discuss a variety of information including some identification, general biology, ecology, and life histories of various species.

Liz Domingue is a naturalist, educator, photographer, writer and guide. Her interest in and study of natural history has been her lifelong pursuit

Naturalists' Rally Registration Form

Name: _____

Address: _____

Phone: _____

Email: _____

Members, please check if this is a change of address.

BOTH EVENING PROGRAMS AND ALL HIKES :

Non-member Adults # _____ @ \$5.00 = Amount _____

*(Children & Friends of Roan Mountain members—FREE)

ALL MEALS BY PRE-PAID RESERVATION ONLY

RESERVATION DEADLINE—(Tues, April 19th)

Friday, April 22 - Dinner

_____ Adults @ \$9.00 = Amount _____

_____ Children (12 & under) @ 5.00 = Amount _____

Saturday, April 23 -Bag Lunch (Pick up at Conference Center at 12:00 Noon) Note sandwich choice below:

_____ Turkey/Swiss # _____ Ham/Cheese
_____ Chicken Salad # _____ Pimento Cheese

Total lunches # _____ @ \$6.00 ea. = Amount _____

Saturday, April 23 - Dinner

_____ Adults @ \$9.00 = Amount _____

_____ Children (12 & under) @ \$5.00 = Amount _____

FRIENDS OF ROAN MOUNTAIN MEMBERSHIP

*(You will not need to pay for Program/Hikes)

Check Category: New Member _____ Renewing _____

Individual \$15 _____ Family \$20 _____ Student \$10 _____

Corporate \$45 _____ Lifetime Ind. \$350 _____

Lifetime Family \$450 _____ = Amount _____

TOTAL AMOUNT ENCLOSED = \$ _____

MAIL THIS FORM ALONG WITH YOUR CHECK PAYABLE TO FRIENDS OF ROAN MOUNTAIN to:

NANCY BARRIGAR, TREASURER

708 ALLEN AVENUE, ELIZABETHTON, TN 37643

SCHEDULE OF EVENTS



FRIDAY, April 22, 2016

Roan Mountain State Park Conference Center

5:30 pm Registration

6:30 pm Dinner - **Pre-paid Reservations are required and must be received by Tuesday, April 19th
Catered by City Market, Elizabethton, TN. (\$9.00/adults; \$5.00/6 & under): Grilled or Breaded Chicken, Vegetable selection, salad, bread, dessert, drink.

7:30 pm Program – Liz Domingue **Butterflies and Familiar Moths of the Smokies**

9:00 pm Moth Party (E/KF) Larry McDaniel

SATURDAY, April 23, 2016

Unless otherwise noted**, field trips will depart/carpool from the field on the left of the Cabin area entrance:

Morning Field Trips:

6:30 am Early Birds at Hampton Creek Cove (E/CP) Lee & Lois Herndon Bird Club ** Meet at State Park Welcome Center **

8:30 am

- 1 **Birds of Roan Mountain** (E/CP)
Lee & Lois Herndon Bird Club
- 2 **Natural Diversity in Changing Landscapes: Hampton Creek Cove to Yellow Mountain Gap Hike** (S/CP)
(Approximately 8 miles; bring water & lunch)
Marty Silver
- 3 **River & High Mountain Wildflowers** (E/CP)
Guy Mauldin
- 4 **Nature Hike Bingo** (A/KF)
Meg Guy
- 5 **Birding for Beginners** (E/KF/CP)
Joe McGuinness



Conference Center Demonstrations:

11:00 am – 1:30 pm

Flint Knapping Bob Estep

Fossil Casting for All Ages (KF) Mick Whitelaw and the ETSU Dept. of Geology and Geoscience Club

12:00 pm Lunch Bag lunches are available by pre-paid reservation only. Choice of sandwich (see form), chips, cookie, drink - \$6.00. Reserve by Tuesday, April 19th.

12:30 pm Program – TBA

Afternoon Field Trips:



2:00 pm

- 1 **Twin Springs** (M/CP)
David Hall
- 2 **Baatany Goat Project & Roan's Unique Alder Bald** (M/CP)
Jamey Donaldson
- 3 **Aquatic Insects as Water Quality Indicators** (E/KF/W)
Gary Barrigar
- 4 **Peg Leg Mine Geology** (M/CP)
Will Miller
- 5 **Butterflies and Insects** (E/KF/CP)
Larry McDaniel

Evening Activities:

Roan Mtn. State Park Conference Center

6:30 pm Dinner - **Pre-paid Reservations are required and must be received by Tuesday, April 19th.
Catered by City Market, Elizabethton, TN (\$9.00/Adults, \$5.00/6 and under): Roast Pork or Veggie Lasagna, Vegetable selection, salad, bread, dessert, drink.

7:30 pm Program – Mick Whitelaw **Roan Mountain and the Tweetsie: Trains, People and Iron**

9:00 pm Viewing the Summer Skies (E/KF/CP) ** Event at the Dave Miller Homestead ** Gary Henson, ETSU

Moth Party (E/KF) Larry McDaniel

SUNDAY, April 24, 2016

Field trips will depart/carpool from the field on the left of the Cabin area entrance:

Morning Field Trips:

8:30 am

- 1 **Birds of Hampton Creek Cove** (M/CP/KF)
Lee & Lois Herndon Bird Club
- 2 **Ed Schell Memorial Doe River Gorge Wildflowers & Geology Hike** (M/CP/KF)
(All-day hike; bring water, lunch, and rain gear)
Gabrielle Zeiger & Mick Whitelaw

Afternoon Field Trips:

2:00 pm

- 1 **Salamanders** (E/KF/CP)
Dale Ledford
- 2 **Butterflies and Dragonflies** (E/KF/W/CP)
Don Holt

Key for Hikes and Tours

E – Easy; **M** – Moderate; **S** – Strenuous;
A – Accessible.
CP – Carpooling; **KF** – Kid Friendly
W – Wear clothes you don't mind getting wet.

Contact Information

Jennifer Bauer –423-543-5808 or
highlandlady53@embarqmail.com

Websites

www.friendsofroanmtn.org
www.facebook.com/FriendsOfRoanMountain



Lodging

Roan Mountain State Park	423-772-0190
Americourt, Elizabethton	423-542-4466
Travelers Inn, Elizabethton	423-543-3344
Spencer's Mountain Cabins, Roan Mtn	423-772-0059
Roan Mountain Bed & Breakfast	423-772-3207
Lakeshore Resort & Marina	423-725-2201
Beech Mtn. Slopeside Chalets	800-692-2061
Pinnacle Inn Resort	800-405-7888
Safe Haven Farm	423-725-4262
Doe River Inn	423-543-1444
Mountain Harbour	866-772-9494