

Basin & Range Weekend Seminar

June 2-4, 2023

Arch Dam Campground near Dutch John, Utah

Fee for Basin & Range participation

- \$35 for attendees 13+
- \$30 for attendees 65+
- No cost for attendees 12 and younger

Saturday evening program—7:00-8:00 PM

Presenter: Nathaniel Todea, Hydrologist, Bureau of Reclamation

Presentation: Identifying water issues in the Dutch John area, including impacts of the dam and the reservoir on the river.

Presenter: Tom Elder

Many Peoples, One Sky—8:15-9:30 PM

The night sky is a treasure shared by all humanity and one thing that unites us. Tom Elder will be sharing with you what is visible as the heavens appear, and what they have meant to people in past and present, here and around the world. This is a naked eye event because no one needs a telescope to appreciate the sky.

Additional information

- If you choose not to camp with the group, you are responsible for making your own overnight arrangements. Nearby lodging is available in Dutch John.
 - Flaming Gorge Resort—435.889.3773
 - Red Canyon Lodge—435.889.3759

Questions: Please contact:

Jeanne Le Ber, B&R Coordinator

Phone: 801.532.7384; 801.230.4373 (talk & text)

Email: jeanne.leber@utah.edu

Nancy Lombardo, B&R Coordinator

Cover art: Ray Smith © 2022

FACULTY BIOGRAPHIES CONTINUED

Local Interpreters. Trained volunteers and/or ranger knowledgeable in the local natural and cultural history, wildlife, and the environment.

Session description: Historic site tours of the Red Canyon Visitor Center and the Swett Ranch Historic Site. Some driving required.

John Middleton has been an observer and aficionado of birds all his life. He has led field trips for Great Salt Lake Audubon and has volunteered for Tracy Aviary Conservation Department's Breeding Bird Surveys for over a decade. He currently is the Field Trip Coordinator for GSLA.

Session description: Participants walk a short distance along the Little Hole Trail adjacent to the Green River. Birds in this riparian area include osprey, other raptors, and songbirds. Along the way participants learn about birding apps that help with bird identification and keep a record of birds seen.

Margaret Pettis is a Utah artist, poet (*In the Temple of the Stars* and *Phalarope*) and author of the richly illustrated *Back Roads of Utah* (margaretpettis.com). An avid kayaker, former USFS wilderness ranger and wilderness activist, she taught art and English for forty years. Her outdoor suspense novels and other books are listed on *Amazon.com*.

Session description: Exploring and using some basic skills in line and watercolor wash, we'll depict what we observe in the world around us. Then, using a brush and natural stylus, we will create several small sketches and a formal watercolor and ink notecard design that reflects the intricate beauty of this place.

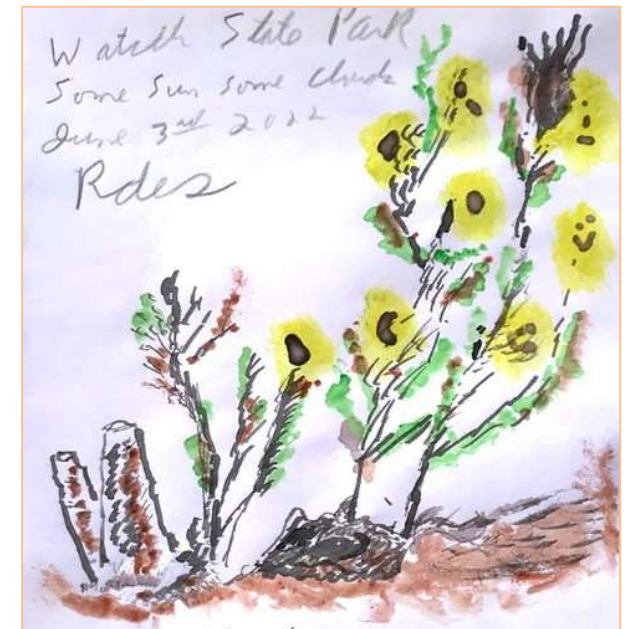


Illustration by Margaret Pettis ©

Great Salt Lake Audubon
Invites You to Our 39th Annual

Basin & Range Weekend Seminar

June 2-4, 2023



Co-hosts:
Great Salt Lake Audubon
Flaming Gorge Ranger District
Ashley National Forest

<http://greatsaltlakeaudubon.org/>
<https://www.fs.usda.gov/ashley/>

Basin & Range Seminar 2023

THIS SEMINAR brings together students of nature, lay people, and professionals for field studies in the Ashley National Forest, Flaming Gorge National Recreation Area near Dutch John, Utah.

OUR PURPOSE is to provide participants with an opportunity to understand the unique environment that sustains us. We seek to illuminate relationships among plant life, animals, humans, and the physical characteristics of mountains, deserts, and water.

PARTICIPANTS accompany instructors for three classes in any of six sessions: Saturday morning and afternoon, and Sunday morning. Saturday morning sessions begin at 9:00; Saturday afternoon sessions begin at 1:00; and the Sunday morning sessions begin at 8:00. Saturday evening programs on hydrology and star gazing follow dinner. Parents are required to supervise their children.

THE SITE: Arch Dam Campground is a popular location for large gatherings. It is located on the Ashley National Forest within the Flaming Gorge National Recreation Area. Flaming Gorge Dam and the Green River Spillway are less than a mile away. Attendees gather at the Arch Dam group campsites at an elevation of ~ 6,200 feet. Vault toilets and drinking water are provided. Each site offers picnic tables. Roads and parking spurs within the site are dirt. There are no hookups for RVs. Registrants will receive directions to the campground by email after registering. The commute is approximately 200 miles and 3.5 hours east of Salt Lake City. Be careful entering or leaving highway.

ACCOMMODATIONS: Sites are primitive camping. Bring everything you will need. Gas station and stores are in Dutch John.

MEALS: There will be a potluck dinner on Saturday evening; please provide an appetizer, main dish, or dessert. GSLA will provide soft drinks for Saturday evening meal. Otherwise, participants should bring all their own meals.

TUITION for the seminar is \$35; \$30 for seniors 65 and older.

REGISTRATION DEADLINE is **Monday, May 22, 2023**. Class choices are honored on a **first come first served** basis. A letter confirming your registration and a detailed map to the campground will be sent via email. Notice of cancellation must be received by Tuesday, May 23 to receive a refund.

Register early for best class choices. Event limited to 50 attendees. Class sizes are limited, and registrants may be re-assigned if needed. Registration opens Monday, May 1, 2023.

CLASSES OFFERED

Title
Fish of the Green River
Geology of Upper Colorado River System
Where, How, and Why of Bird Behavior
Historical Tours and Area Overview
Birding along the Green River
Holding Beauty Close

INSTRUCTOR

Who
Chris Eaton
Tom Elder
Cooper Farr
Local Interpreter
John Middleton
Margaret Pettis

FACULTY BIOGRAPHIES AND SESSION DESCRIPTIONS

Chris Eaton, Fly Shop Manager—Trout Creek Flies in Dutch John
Session description: Discover the types of fish using the Green River in this area of Flaming Gorge and their habits and habitats. Chris will discuss the local efforts toward responsible stewardship of the river and its wildlife.

Tom Elder is a former USFS firefighter and wilderness ranger, former National Park Service interpretive ranger, retired high school biology and geology teacher, and 35-year resident of Vernal, Utah. Born in 1955 in Wichita, Kansas, he has spent his life in the Intermountain West. He is married to Nancy Casado; they live with 2 cats, a dog, a burro, and a horse.
Session description: The Green River is the main tributary of the Colorado, and the regional geology delighted and perplexed John Wesley Powell when he made the first descents of the river 140 years ago. The local rock column available for study is about 3 times as thick as the Grand Canyon's, but it has been folded, faulted, and carved into a much more confusing landscape. Each formation presents a different soil type with distinctive, characteristic biotic communities. This is an all-day auto-tour with stops.

Cooper Farr has been interested in animals—and curious about why they do what they do—since she was a young girl. She is currently the Director of Conservation at Tracy Aviary, where she leads community science bird monitoring projects throughout the region. These projects gather information about birds and their habitats, informing local land management and conservation.

Session description: Explore the fascinating world of bird behavior. As we find, identify, and observe different bird species, we will discuss where, how, and why birds exhibit different behaviors. Participants learn how birds interact with their environment, and how their behaviors can be altered by changes in the landscape.

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Mail-in Class Registration Form below
Online registration: <https://tinyurl.com/y5vknwvv>

Online registration is linked on GSLA website. To pay by check, fill out one form per registrant (below or print online form) and mail to:
Jeanne Le Ber—Basin & Range
550 South 400 East #3407
Salt Lake City, UT 84111

Please make check payable to:
Great Salt Lake Audubon
Please print clearly!

Name _____

Address _____

City, State, Zip _____

Phone _____

Email _____

Circle one class for each session.

SESSION I SATURDAY—9:00—NOON
Elder—Geology Loop (all-day auto-tour)
Farr—Bird Behavior
Middleton—Green River Birding
Pettis—Art

SESSION II SATURDAY—1:00—4:00
Eaton—Fish
Elder—Geology Loop (must do morning session)
Interpreter—Historical Sites
Pettis—Art

SESSION III SUNDAY—8:00—11:00
Eaton—Fish
Farr—Bird Behavior
Interpreter—Historical Sites (9:00 start)
Middleton—Green River Birding

Registration opens Monday, May 1, 2023
Registration closes Monday, May 22, 2023