Basin & Range Weekend Seminar

May 30 to June 1, 2025—Logan Canyon, Spring Hollow Group Site A

Fee for Basin & Range participation

- $40 for attendees 13+
- $35 for attendees 65+
- $5 for attendees 12 and younger

Friday evening program—7:15-8:15 PM
Presenter: Bethany Neilson, Logan River Observatory (LRO)
Presentation: Managing the Logan River
Description: The LRO collects and shares data to inform policy and management decisions to address water related problems. Bethany will talk to us about management of the Logan River.

Saturday evening potluck: 5:30-7:00 PM
Bring a dish to share.
Saturday evening program—At Dark PM
Presenter: Adam Brewerton
Presentation: Let's Call Bats
Description: Using a bat acoustic detector, Adam will let us know what bats are near our campsite.

8:15-9:30 PM The Cache Valley Astronomical Society will provide a look at the stars and planets in the night 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 the city of Logan.

Questions: Please contact:
Nancy Lombardo, B&R Coordinator
Phone: 801-856-0620
Email: *n.lombardo@comcast.net*

Cover art by Margaret Pettis © 2025

Faculty Biographies continued

Meg Kast is a local wildlife photographer and bird enthusiast. She enjoys all things natural and never misses a chance to be outside hiking, camping or birding!
Mindful Birding. Session description: Mindful birding combines mindfulness practices with the joy of observing birds. This practice is gaining popularity due to the health benefits of slowing down and immersing yourself in nature. Mindful birding can be done almost anywhere and requires little experience and equipment, making it a great way to introduce people to the joys of being outdoors with birds!

Sarah Koenigsberg is a documentary filmmaker, conservation photographer, and science communicator. Her research explores the role of story in our understanding of social-ecological systems.
Beaver Ecology. Session description: Participants take a two-mile walk along the Temple Fork and Spawn Creek beaver complexes. Explore and identify beaver signs and riverscape restoration. Wear waterproof shoes.

John Middleton has been mystified by many species during his years of birding, making him a master of the art. He leads field trips, and is the Field Trip Coordinator for Great Salt Lake.
Misidentify More Birds. Session description: There are many birding apps available that allow anybody to mistakenly identify birds. Since identifying birds incorrectly is an important part of any birder's journey, we will go over available apps and then use them on a birding walk to see how well they help us enjoy birding.

Margaret Pettis. Living and kayaking in Cache Valley, Margaret has taught art and poetry workshops in nature for decades, taking inspiration from grand landscapes and tiny life along the trail. She is the author of *Back Roads of Utah*. See Margaretpettis.com.
Drawing in the Midst. **Session description:** We will interpret wetlands and forest through techniques and tasks with pencil, watercolor, ink and natural materials. Give yourself the peace and freedom to explore your creative side. No art experience required. Materials needed include drawing pen, pencil, drawing pad, simple basic watercolors (Margaret will have a basic school tin if you need one.)

Dan Strauch has been an avid bird for 20+ years. Dan sees birding as part sport, science, relaxation, and activism all in one. Every bird is a gift in the most amazing and unique wrapping paper.
Birding Before Binoculars. Session description: There is much we can "know" about a bird before lifting binoculars to our eyes. Habitat, time of year, general size & shape, activity, & more can help narrow down possible bird considerations. Bino's are used to confirm our expectations, or not.

Great Salt Lake Audubon
Invites You to Our 41st Annual

Basin & Range
Weekend Seminar

May 30 to June 1, 2025



Spring Hollow Group Site A
Logan Canyon

Co-hosts:
Great Salt Lake Audubon
Bridgerland Audubon

http://greatsaltlakeaudubon.org/
https://bridgerlandaudubon.org/
Online registration: *https://tinyurl.com/3k2hwff6*

Basin & Range Seminar 2025

This seminar brings together students of nature, lay people, and professionals for field studies in Logan Canyon at the Spring Hollow Group Site A.

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 eight 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 potluck dinner is followed by a program on about bats in the area. Parents are required to supervise their children.

The site: Spring Hollow Group Site A is situated along the Logan River just four miles east of Logan, Utah, in scenic Logan Canyon. A forest of oak, maple, box elder, and cottonwood trees covers the area. Summer wildflowers and wild roses are abundant. The Logan River flows past the campground and a large pond is located at the campground's edge. Elevation is approximately 5100 feet. Vault toilets are provided. There are no hookups for RVs. Registrants will receive directions to the campground by email after registering. From Salt Lake City the commute is about 90 miles and takes an hour and a half.

Accommodations: Primitive camping. Bring everything you will need. Nearby Logan has motel accommodations.

Meals: The Saturday evening meal is a potluck; please provide a main dish, appetizer, salad, or dessert to share. GSLA will provide soft drinks for the Saturday evening meal. Otherwise, participants should bring all their own meals and drinks.

Tuition for the seminar is $40; $35 for seniors 65 and older; $5 for children 12 and younger.

Registration deadline is **Friday, May 24, 2025**. Class choices are honored on a **first come first served** basis. Notice confirming your registration and a detailed map to the campground will be sent via email. Cancellations must be received by Tuesday, May 27 to receive a refund.

Register early for best class choices. Event is limited to 60 attendees. Class sizes are limited, and registrants may be re-assigned if needed. Registration opens Thursday, May 1 and closes Friday, May 24, 2025.

Classes offered	Instructor
Flying Wildlife—Are bats really birds?	Adam Brewerton
Bear River Range Geology—Karst, Springs, & Caves	Jim Evans
Pressing Issues: Botanical Collections	Julia Hobbie
Macroinvertebrates in Your Backyard	Kate Hunter
Mindful Birding	Meg Kast
Beaver Ecology and Riverscape Walking Tour	Sarah Koenigsberg
How to Misidentify More Birds Using Technology	John Middleton
Drawing in the Midst of It all	Margaret Pettis
Birding Before (You Use Your) Binoculars	Dan Strauch

Faculty Biographies and Session Descriptions

Adam Brewerton is the Wildlife Conservation Biologist for the Northern Region with the Utah Division of Wildlife Resources. Adam has worked to conserve birds and bats for 15 years. His favorite bird is the American Dipper which should be seen near the campsite.
Are bats really birds? Session description: Participants take a walk. Adam will bring bat survey equipment and discuss survey methods and conservation efforts, with species that travel and migrate great distances.

Jim Evans is an emeritus professor of Geosciences at Utah State University. He has researched and explored the Bear River Range, worked on the nature of rock deformation, and collaborated to study the nature of how deep rock structure affects hydrology of the area.
Bear River Range Geology. Session description: From the Spring Hollow campground participants will visit the nearby springs, explore the record of Lake Bonneville, and discuss the how the geology of the region creates the template the flora and fauna use.

Julia Hobbie is a PhD student at Utah State University studying the evolution of Cystopteris ferns. She is passionate about plants, birds, and mountains.
Botanical Collections. Session description: This session begins with a short botany walk, followed by instruction about herbarium collections and what makes a scientifically useful plant specimen.

Kate Hunter is the Director of Education at Stokes Nature Center and a PhD candidate at Utah State University studying bee health. She is constantly enamored with Logan Canyon from the lodgepole limestone that make the cliffs so dramatic and climbable, to the charismatic invertebrates that add so much personality.
Macroinvertebrates. **Session description:** Participants will catch and identify macroinvertebrates in spring hollow. Depending on time, the group may also go on a quick flying-invertebrate pollinator walk.