

Geology & Geomorphology of Washington County, Florida *17-18 April 2020*

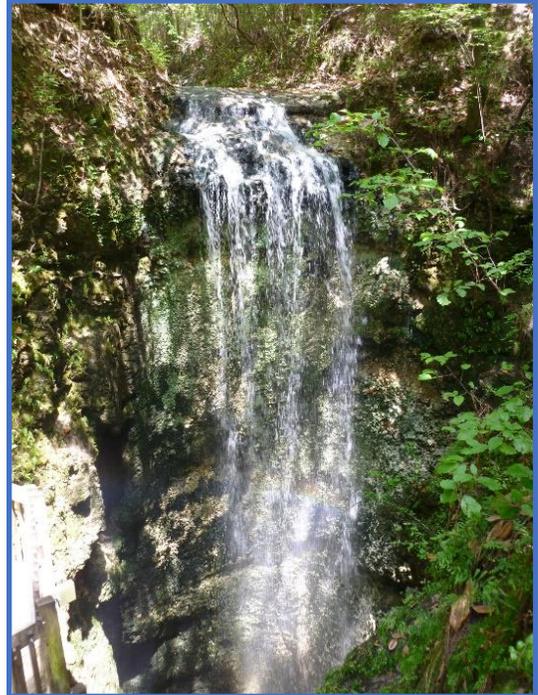
This fieldtrip was scheduled for October 2018 but was cancelled courtesy of Hurricane Michael. So, we will try it again! This county in the central Florida panhandle has some surprising geological variety.

The Friday evening dinner and presentations in Chipley will review the geomorphology, geology, and archaeology of the area.

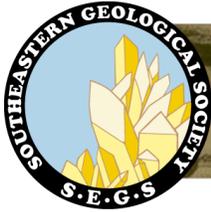
The Saturday field trip will first explore the poorly known area called Rock Hill—a very high erosional outlier with “Stonehenge-like” residual boulders. Rock Hill is scarcely mentioned in the geological literature...and is difficult to get into—but we have access through the Florida Nature Conservancy.

The second stop is the must-see Falling Waters State Park, with its 70-foot high waterfall that drops through a solution pipe and into a swallet and cave system. There are also excellent views of many cover collapse sinkholes. Falling Waters is the location of one of the early oil test wells (1920) in Florida and some of the drilling equipment remains. The well reached into the Late Cretaceous (but no oil). Falling Waters was hit hard by Hurricane Michael, but has recovered nicely, with new boardwalks and scenic overlooks. And, the park was recently designated a state geological site!

We will also discuss the stratigraphy and paleontology of the Bridgeboro Limestone, a fossiliferous and rhodolith-rich facies, equivalent in part to the Suwannee Limestone of the Florida peninsula. The Chipley area has the only Florida exposures of the Bridgeboro. “New” exposures of the Bridgeboro have recently been discovered by the Florida Geological Survey using LiDAR and we will visit some of these outcrops.



Fieldtrip organizers: Jon Bryan, Carl Froede, Harley Means



Geology & Geomorphology of Washington County, Florida
17-18 April 2020

Explore the “Stonehenge-like” boulders of Rock Hill, the geologic beauty of Falling Waters State Park, and the only exposures of the Bridgestone Limestone in Florida!

Registration Information

Fees: This trip is available to SEGS members current with 2020 dues and guests thereof. The fee of **\$40 per person** includes a hardcopy field guide, Subway box lunch, and Rock Hill and Falling Waters State Park entry.

Age and Safety Restrictions: Children welcome with completed waiver and accompanying adult. Safety glasses (sunglasses), shirts, closed-toe shoes required; drinks, sunscreen, insect repellent recommended.

Accommodations: Check the website/email for updates on block room reservations. Local lodging options in Chipley include Comfort Inn and various motels.

Preliminary Itinerary:

6:00 PM (Central Daylight Time), Friday, 17 April 2020

Enjoy presentations on the geology and geomorphology of the area at designated venue in Chipley (TBD; check website/email for updates).

8:00 AM (Central Daylight Time), Saturday, 18 April 2020

Assemble at designated location in Chipley (TBD; check website/email for updates). Convoy to designated area and use 4WD vehicles (only) to enter the Rock Hill property. Depending on the number of 4WD vehicles available, we will have to make a couple of runs to get everyone in (the entrance is ~2.5 miles from town). After Rock Hill, we will return to Chipley to retrieve any vehicles, and convoy to Falling Waters State Park on SR-77A (Falling Waters Road, ~6 miles). Lunch at FWSP.

Complete this form and waiver and scan/email to segsfieldtrip@gmail.com prior to the trip (or register online at segs.org). Completed SEGS waiver required for *each* participant to attend. For questions, contact Jon Bryan at bryanj@nwfsc.edu. **Registration is due by 12 April 2020.**

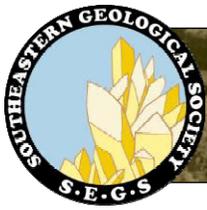
I have carefully read and understand the attached waiver and release form. Checking the statement box constitutes the equivalent of the registrant's signature, acknowledging the above notice for release of liability.

Name: _____ **E-mail:** _____

Cell phone: _____ **Affiliation:** _____

Registration Type: Member Guest of Member

Lunch Choice: Ham Turkey Veggie



POST OFFICE BOX 1636, TALLAHASSEE FL 32302

Guidelines for Field Trip Participants

In order to make our field trips as fun and safe as possible we need our participants to adhere to the following guidelines.

Guidelines for participants:

1. Completely fill out registration forms and always provide the names of other attendees (i.e., spouse and if allowed children – along with children’s ages).
2. Have required liability waivers completely filled out, signed, and notarized (as required) before arriving at the rendezvous point.
3. Inform field trip leader of any serious physical limitations or health problems prior to registering for a field trip.
4. Understand that participation in club field trips involves inherent risks that may include – among others - sun exposure, inclement weather, biting/stinging insects, unstable footing, steep slopes, soft ground, and sharp rocks/fossils.
5. Obey rules set by property owner, MSHA, OSHA, and field trip leader(s). Examples: do not stand on edge of a quarry wall, climb to the top of spoil pile, climb on excavating equipment, or wander off by yourself.
6. Dress appropriately for the type field trip you’re attending (boots, hat, long sleeves, and long pants are appropriate).
7. Bring/wear proper safety equipment as required (i.e., safety glasses, hard hat, safety vest, life preserver).
8. Bring sunscreen and insect repellent (as needed).
9. Drink plenty of fluids and stay hydrated.
10. Pay attention to the weather.
11. Be mindful of when it is time to return the vehicles.
12. If transportation is shared, always ride in assigned vehicle. NEVER switch vehicles without notifying field trip leader.
13. Look out for the safety of your fellow field trip participants.
14. NEVER dump on the ground materials from other collecting spots, because it contaminates the site with material from different ages/formations.
15. ALWAYS takeaway trash that you or your group generates and pick up trash others may have left behind.

Guidelines for Drivers:

1. Ensure that you have documents required by law - license, registration and insurance.
2. Have cell phone numbers of field trip leader(s) before the caravan departs. If you get stuck behind a slow-moving vehicle, get a flat tire, or have to deal with an ill passenger, there must be a way for you to reconnect with the group.
3. Before you begin, make sure you have enough gas to make it until the end of the day (or at a minimum, without stopping before the first destination). Coordinate with the field trip leader if you need to stop.
4. Ensure you have directions to each field trip stop.
5. Designate a navigator and communicator who is familiar with operation of your cell phone.
6. Participants who know the field trip route should be in the first and last vehicles in convoy. If someone’s vehicle has a breakdown or other problems, they will not be left behind without knowledge of what happened.
7. Drivers should always check to make certain your vehicle has all its passengers before leaving each stop. This ensures no one is left behind.
8. Except under emergency conditions, no caravanning vehicles are to EVER pass another vehicle in the caravan.
9. If you want to report a problem, call the field trip organizer on his/her cell phone.
10. When traveling, all vehicles are to maintain reasonable spacing; do not speed, lag behind or tailgate.
11. Never leave the field site earlier than the rest of group without first clearing the departure with the field trip leader.
12. Require that all passengers fasten their seatbelts.

Date: _____

Name: _____
(Please print)

Signature: _____

**Field Trip
Release and Indemnity Agreement
The Southeastern Geological Society**

I, _____, in consideration of the receipt by me of permission from the Southeastern Geological Society (hereinafter “Hosts”) to participate in a Field Trip entitled The Geology and Geomorphology of Washington County, Florida to be conducted on April 17th and 18th, 2020 and sponsored by Hosts, the receipt of such permission being hereby acknowledged, and being fully aware that the Field Trip may involve hazardous and/or dangerous activities, and/or be in a location in and/or around other hazardous and dangerous conditions, and recognizing and accepting the risks, known and unknown, involved in a Field Trip, hereby release and will indemnify, defend and hold harmless Hosts agents, officers, and Volunteers of Hosts, and the leader or leaders of the Field Trip (collectively referred to as “Indemnitees”) of and from any and all liabilities, claims, demands, actions, and causes of action whatsoever arising out of or relating to any loss, damage, or injury, including death, as may be sustained by me, and to any loss, damage, or injury to any property of mine, while involved in any way with the Field Trip, including without limitation traveling to and from the site or sites of the Field Trip (whether by air, water, or land transportation) and at and during all stops and layovers during the Field Trip.

This release and indemnity includes without limitation liabilities, claims, demands, actions, and causes of action to or by third parties as well as to or by me. This release and indemnity includes without limitation liabilities, claims, demands, actions, and causes of action arising out of or relating to any loss, damage, or injury caused in any way by the concurrent or contributory negligence of any indemnitee. This release and indemnity includes without limitation liabilities, claims, demands, actions, and causes of action arising out of or relating to any loss, damage, or injury caused in any way by the sole negligence of any indemnitee. Having made all inquiries deemed by me to be appropriate, I hereby voluntarily assume all risks of loss, damage, or injury, including death, as may be sustained by me or any property of mine while involved in any way with the Field Trip.

In the event the release by me of any indemnitee of any liability, claim, demand, action, or cause of action described herein is determined to be invalid or unenforceable, I agree that my total recovery of damages from the Indemnitees, or any of them, both actual and punitive, shall be limited to \$100.00 or the cost of admission to the Field Trip, whichever is less.

Execution of this release and indemnification agreement constitutes agreement that photographs or recordings of field trip and/or associated meeting activities may be published in Hosts newsletters, publications, and websites without credit or compensation to the photographer and without compensation, credit, or further approval of field trip/meeting participants.

In the event any provision of this Release and Indemnity Agreement is determined to be invalid or unenforceable, all other provisions hereof shall continue to be enforceable and shall be interpreted as though said invalid provision had never been contained herein.

This release shall be binding upon my distributees, heirs, next of kin, executors, administrators, and personal representatives.

CONTINUED ON NEXT PAGE

IN SIGNING THIS RELEASE AND INDEMNITY AGREEMENT, I HEREBY ACKNOWLEDGE AND REPRESENT THAT I HAVE READ THE FOREGOING RELEASE AND INDEMNITY AGREEMENT, UNDERSTAND IT, AND I HAVE SIGNED IT VOLUNTARILY. I UNDERSTAND AND AGREE THAT I WOULD NOT BE ALLOWED TO PARTICIPATE IN THE FIELD TRIP IF THIS RELEASE AND INDEMNITY AGREEMENT WERE NOT SIGNED AND AGREED TO BY ME, AND THAT THE AGREEMENT BY ME TO THE TERMS AND CONDITIONS OF THIS RELEASE AND INDEMNITY AGREEMENT IS AN ESSENTIAL PART OF THE CONSIDERATION FROM ME FOR ME TO BE ALLOWED TO PARTICIPATE IN THE FIELD TRIP.

Participant Name: _____

Date: _____

(Participant or Guardian Signature)

(Printed Name of Signer, if different from Participant)

NOTICE TO THE MINOR CHILD'S NATURAL GUARDIAN

READ THIS FORM COMPLETELY AND CAREFULLY. YOU ARE AGREEING TO LET YOUR MINOR CHILD ENGAGE IN A POTENTIALLY DANGEROUS ACTIVITY. YOU ARE AGREEING THAT, EVEN IF THE SOUTHEASTERN GEOLOGICAL SOCIETY AND THEIR AFFILIATES USES REASONABLE CARE IN PROVIDING THIS ACTIVITY, THERE IS A CHANCE YOUR CHILD MAY BE SERIOUSLY INJURED OR KILLED BY PARTICIPATING IN THIS ACTIVITY BECAUSE THERE ARE CERTAIN DANGERS INHERENT IN THE ACTIVITY WHICH CANNOT BE AVOIDED OR ELIMINATED. BY SIGNING THIS FORM YOU ARE GIVING UP YOUR CHILD'S RIGHT AND YOUR RIGHT TO RECOVER FROM THE SOUTHEASTERN GEOLOGICAL SOCIETY AND THEIR AFFILIATES IN A LAWSUIT FOR ANY PERSONAL INJURY, INCLUDING DEATH, TO YOUR CHILD OR ANY PROPERTY DAMAGE THAT RESULTS FROM THE RISKS THAT ARE A NATURAL PART OF THE ACTIVITY. YOU HAVE THE RIGHT TO REFUSE TO SIGN THIS FORM, AND THE SOUTHEASTERN GEOLOGICAL SOCIETY AND THEIR AFFILIATES HAS THE RIGHT TO REFUSE TO LET YOUR CHILD PARTICIPATE IF YOU DO NOT SIGN THIS FORM.