



Fossils of the Black Belt 21 – A Hands-On Field Workshop

Where: Harrell Station, near Selma, Alabama.

Cost: \$28, preregister early

When: Tuesday, October 12, 2021, 8:30 a.m. to 4:30 p.m.

Who Should Attend: In-service and pre-service science teachers who will be teaching earth science or other science courses with earth-science components, life science, biology, and environmental

Contact: science. Dr. David C. Kopaska-Merkel, Phone: 205/246-9346 (cell).

Email: dkm@gsa.state.al.us

Registration Form

Name _____ Position _____ School _____

Address _____
Street/P.O. Box _____ City _____ State _____ Zip _____

Home phone _____ School Phone _____ Email _____

Return registration with payment to Alabama Geological Society, P.O. Box 866184 Tuscaloosa, AL 35486.

Make checks payable to *Alabama Geological Society*.

Workshop Summary

A one-day workshop in paleontology (the study of fossils) for K–12 science teachers (in-service and pre-service). The workshop will help integrate real earth science into curricula. Participants will be better able to recommend meaningful science fair projects in earth science and to assist students with them. Objectives:

- Participants will learn about fossils and geology, so they will be more comfortable teaching these subjects.
- Teachers will learn how to use fossils to interpret changes in Earth history.
- Teachers will receive *Lost Worlds in Alabama Rocks*, a major resource for teaching about the geology of Alabama, and three *Discovering Alabama* DVDs.
- This course supports Alabama Course of Study/Science Processes and Applications in all grades, high school Geology and Earth & Space Science electives, and life-science concepts at all grade levels.

Alabama is one of the best places in the world to collect fossils. Paleontologists come from all over to collect here.

Workshop participants will visit a large outcrop near Selma, solve a geological puzzle (“Ancient ecology & environments”) using clues from the fossils found there, & collect fossils, which can include snails, bivalves, shark teeth, or even pterosaurs (flying reptiles).

Information about geology of the area, field methods, and the puzzle topic will be provided by Zoom beforehand.

MASKS WILL BE WORN AND SOCIAL DISTANCE OBSERVED. AT ALL TIMES.

Workshop Leaders

Dr. David C. Kopaska-Merkel, Geological Survey of Alabama

Dr. Andrew K. Rindsberg, The University of West Alabama

James Lamb, The Black Belt Museum and The University of West Alabama

Dr. Adiel Klompmaker, The Alabama Museum of Natural History



Julia S. Tutwiler
College of Education
and College of NSM

