

C5. GEOLOGIC STUDY OF THREE SCENIC LOCALITIES: FIELD PRACTICE FOR STUDENTS

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Description: Thousands of visitors each year are drawn to the scenic beauty of the mid-Maine coast, yet few take the time to appreciate what is beneath their feet. Participants on this trip will visit three popular tourist localities to sit among gorgeous views, ocean waves, and lighthouses and look for clues into the underlying geologic processes that have shaped the coast. This will be an opportunity for students to apply (or develop) essential skills of evaluating a site, and making observations and interpretations in the field. We will see a range of sedimentary, igneous, metamorphic, glacial, and coastal features to be sorted out. There will be time for individual discovery as well as group discussion. The leaders will mostly listen patiently and ask encouraging questions. This trip is ideal for undergraduates who are fascinated by how much we can learn by taking the time to study geology in the field.

Meeting time and place: 8:30 a.m., Sunday, October 13. Camden Hills State Park, 280 Belfast Rd (US Route 1), Camden. From Route 1, turn west (up hill) at the main park entrance. Take the first left, before the ranger station, into the large parking lot with new pavement. UTM 0496082, 4897425 (NAD83).

Other Logistics: This is a one-way trip over a fair distance, from Camden to Bristol. We will not return to the starting point, so any sharing of rides must be arranged before the beginning of the trip. There is ample parking at or near the three planned stops. *Lunch:* We recommend bringing lunch and water with you. Outhouses are available at the meeting location and Stops 1 and 2, and bathroom facilities after lunch at Stop 3. *What to bring:* The three field sites are all exposed to the elements. An October day on the Maine coast can be glorious or daunting depending on the weather. Check the local forecast repeatedly for temperature, precipitation, and wind speeds to bring an appropriate variety of clothing choices. Be prepared to spend an hour or two outdoors at each site. There are no long hikes, but footwear should be appropriate for walking on uneven rocks. You will need a notebook or note-taking device. Other useful field equipment includes a compass, small ruler, hand lens, and camera.

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