



2017 SUMMER FIELD TRIP, August 5-6
Cape Neddick to Spring Point – In Arthur's Footsteps

WHERE and WHEN TO MEET

7:15 am, SATURDAY, AUGUST 5

(Second chance: **1:00 pm**. We will stop by Wells Elementary School again so you may join us.)

WELLS ELEMENTARY SCHOOL

276 Sanford Road (Route 9) in Wells

Take Maine Turnpike Exit 19 (Wells), turn left onto Route 9 East. Go about 0.9 miles.

The Elementary School is on the right.

NOTE: The school will be closed, so there will not be bathroom facilities available.

8:30 am, SUNDAY, AUGUST 6

HANNAFORD SUPERMARKET

532 Main Street, Route 1, Saco

From Maine Turnpike Exit 36, take I-195 east to Exit 2A. It's just south of the exit.

Gather at southwest side of parking lot, behind McDonald's, near Happy Nails.

TRANSPORTATION

Because of heavy tourist traffic and limited parking, we will need to **consolidate** into as few vehicles as possible at the meeting points. Passengers should expect to share the cost of gas and tolls with drivers. GSM does not supply transportation.

TO WEAR

Clothes – For any weather. Check the forecast. We will be on the coast, which can be windy. We will be in the open so hats are recommended.

Footwear – On Saturday there are two walks of about a 1.5 miles each on level paths, one of which is paved. On Sunday there is a walk of about a mile round trip on the beach. Both days include opportunities to walk on rocks along the shore with uneven footing and some rock-hopping or climbing. Not strenuous.

TO BRING

Food and water – You are responsible for your own meals. The Saturday cookout and the Sunday breakfast are available at UNE if you register in advance.

Sunscreen and insect repellent. It's summer.

A little cash – To share driving expenses, and possibly an ice cream at Dunne's (cash only). Also, our main Saturday afternoon stop is at Laudholm Farm in Wells, a non-profit preserve dedicated to the protection of coastal environments. They have graciously waived their normal \$5 fee for our visit, but we encourage you to consider making a donation while we are there, or online through their web site.

THINK AHEAD

Fill your gas tank, find a rest room before the trip (the Kennebunk rest area on the Turnpike is just north of the Wells Exit), and pack your supplies for the whole day.



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LIST OF PLANNED STOPS (as of 7/13/17)

SATURDAY, AUGUST 5

7:15 am Meeting point. Wells Elementary School, just off Wells Turnpike Exit. Overview, logistics. Consolidate into vans. Leave extra cars here. We will pass by here after STOP 2 to pick up additional participants, and again after STOP 3 to pick up all cars to continue to STOP 4.

STOP 1. Kittery Formation, structural geology, and dikes. Walk along the Marginal Way, Ogunquit, "one of the most outstanding geological sites in the state of Maine," says Arthur.

STOP 2. Cape Neddick Gabbro. Coastal outcrops. Fascinating igneous features.

1:00 pm Pass Wells Elementary School again – Second chance to join the trip.

STOP 3. Laudholm Preserve, Wells. Dynamic coastal environments: Barrier beach, dunes, inlet. Walk on trails.

STOP 4. Biddeford pluton, behind Home Depot, Biddeford. Discuss new age dates.

4:30 pm (time approximate) Room check-in, UNIVERSITY OF NEW ENGLAND.

(OPTIONAL **EXTRA STOP.**) Coastal outcrops, Biddeford Pool. Roof pendants and xenoliths of Kittery Formation in granite. Beautiful rocks in a beautiful place.

6:00 pm Backyard Cookout, UNE (pre-registration required).

8:00 pm (Optional) Relax at the Run of the Mill pub, Saco.

SUNDAY, AUGUST 6

7:00 am Breakfast at UNE for those staying overnight.

8:30 am Meeting point. Hannaford Supermarket 532 Main St., Saco.

STOP 5. Ferry Beach State Park and Camp Ellis. Infrastructure at risk, sea-level rise.

STOP 6. Landslides, lower Saco River, off Ferry Road, Saco. Lidar imagery.

Return to Saco Hannaford to pick up all cars. Drive to South Portland.

Consolidate vehicles at McDonald's/Shaw's parking lot, 150 Waterman Drive, South Portland. We will return here after STOP 8.

STOP 7. Cushing volcanics, Danford Cove, Sea View Avenue, Cape Elizabeth.

STOP 8. Ordovician stratigraphy, Spring Point, SMCC, South Portland. Locality featured by Arthur Hussey in a GSA Centennial Field Guide article.

END OF TRIP