

## DISCLAIMER

**Before visiting any of the sites described in the New England Intercollegiate Geological Conference guidebooks, you must obtain permission from the current landowners.**

Landowners only granted permission to visit these sites to the organizers of the original trips for the designated dates of the conference. It is your responsibility to obtain permission for your visit. Be aware that this permission may not be granted.

Especially when using older guidebooks in this collection, note that locations may have changed drastically. Likewise, geological interpretations may differ from current understandings.

Please respect any trip stops designated as “no hammers”, “no collecting” or the like.

Consider possible hazards and use appropriate caution and safety equipment.

NEIGC and the hosts of these online guidebooks are not responsible for the use or misuse of the guidebooks.

ANNUAL INTERCOLLEGIATE GEOLOGICAL EXCURSION

Waterville, Maine

October 9th and 10th, 1925.

PROGRAM FOR FRIDAY, OCTOBER 9th

8:00 Party will leave Elmwood Hotel

8:15-8:45. Location I. Bed of Kennebec River at Ticonic Falls. Exposures of liny slates showing miniature Appalachian structure, syenite intrusion, and pot hole erosion.

8:45-9:00. Location II. Abandoned clay pit showing post glacial marine clays overlaid by dune sands. Between locations II and III the route will be over the marine clay and sand plain at the 140-160 foot level.

9:20-10:00. Location III. Benton Railway cut. Silurian slates containing Nereites trails and sea weed impressions.

10:30-11:00. Location IV. Waterville Slate Quarry. Silurian slates. The type locality for Monograptus colbiensis.

11:30-12:00. Location V. Pooler Gravel Pit. Esker gravels overlaid by fossiliferous clays and dune sands. This location gives a very good record of the post-Pleistocene events.

1:00-2:00. Lunch at Camp Hope, Great Pond, Belgrade. At this point the topographic expression of the Belgrade granite batholith as modified by glacial erosion may be seen. Members of party are requested to bring lunches.

2:00-3:00. During the afternoon the great esker system of the Belgrade region will be studied. The features shown will be a series of deltas marking halts in the ice retreat, connected by well developed esker ridges, an exceptional development of kettle hold ponds, ice-rafted deposits, and high-level (320 feet) marine clays.

The party will return to Waterville in time for dinner at the Elmwood at 7:00 o'clock.

PROGRAM FOR SATURDAY, OCTOBER 10th

The party will leave the Elmwood Hotel at 8:00.

Locality I. Augusta. Quarry in gneissic Hallowell granite.

Locality II. Spear's Corner, Litchfield. Nephelite syenite (litchfieldite), cancrinite and sodalite.

Locality III. Mount Apatite, Auburn. Quarries in gem-bearing pegmatites.

Locality, IV. Lewiston. Quarry in metamorphosed limestone cut by trap dikes.  
Members of the party are asked to bring lunches which will be eaten at some convenient place on the route.  
Those of the party who do not wish to return to Waterville may take trains from Lewiston.

#### REFERENCES TO LITERATURE

##### Waterville Slates.

Perkins. A New Graptolite Locality in Central Maine, with Notes on the Graptolites, by Rudolf Ruedemann, Am. Jour. Sci., Ser.V, Vol.8, pp.223-227, 1924.

Perkins and Smith. Contributions to the Geology of Maine, Number 1. A Geological Section from the Kennebec River to Penobscot Bay, Am. Jour. Sci., Ser. V, Vol. 9, pp. 204-228, 1925.

##### Litchfieldite.

Daly. Field Relations of Litchfieldite and Soda-syenites of Litchfield, Maine. Bull. Geol. Soc. Am. Vol. 29, pp 463-470.

##### Granites and Pegmatites.

Bastin. Geology of the Pegmatites and the Associated Rocks of Maine. U.S.G.S. Bull. 445.

Dale. The Commercial Granites of New England. U.S.G.S., Bull. 738. pp. 233-236.

##### Pleistocene and Postpleistocene Geology

Stone. The Glacial Gravels of Maine, U.S.G.S. Mon. 34, pp. 171-172, 181-185.

Little. The Pleistocene and Post-Pleistocene Geology of Waterville, Maine. Bull. Geol. Soc. Am., Vol. 28, pp. 309-322, 1917.

##### Topographic Maps Covering Territory Visited.

Waterville, Norridgewock, Augusta, Gardiner, Lewiston, and Poland.

#### HOTEL

Rates at the Elmwood	One person	Two persons
Room	\$2.00 up	\$2.50 up
Room with bath	3.00 up	5.00 up

Meals may be had at reasonable rates in the Hotel Cafeteria.

All who are planning to attend the meeting please notify Dr. Edward H. Perkins, Box 52, Waterville, Maine, giving time of arrival and hotel reservations desired by October 6th at the latest.

The party will be guests of Colby College at the dinner Friday night. Please state whether you will attend or not.

## Train Schedule

### East Bound Trains.

Leave Boston	7:00 P.M.	Arrive Waterville	12:57 A.M.
	9:10 P.M.		3:16 A.M.
	2:20 A.M.		10:00 A.M.
	1:00 P.M.		7:49 P.M.
	8:15 P.M.		7:49 P.M.

State of Maine Express. Leave New Haven 9:00 P.M. Leave Worcester 1:15 A.M. Arrive Waterville 10:00 A.M.

Those coming for Saturday only may take the 7:00 P.M. train from Boston spending the night at Portland arrive Lewiston at 8:58 A.M. and take the electric line for Spears Corner, Litchfield.

Those arriving on trains after party starts will be met at trains and conducted to the party if they will notify Prof. Perkins of their time of arrival.

### West Bound Trains.

Leave Lewiston	4:10 P.M.	Arrive Boston	9:15 P.M.
Leave Waterville	3:28 P.M.	Arrive Boston	9:15 P.M.
Leave Waterville	10:20 P.M.	Arrive Boston	4:50 A.M.

State of Maine Express, Leave Lewiston 4:10 P.M., leave Waterville 3:23 P.M.; arrive Worcester 1:40 A.M., arrive New Haven 5:33 A.M.