

1.

GLACIAL FEATURES OF THE CATSKILLS.

ANNUAL SPRING REUNION

of the

FRIENDS OF PLEISTOCENE GLACIAL GEOLOGY.

Leader -- Dr. John L. Rich, University of Cincinnati.

Date of Meeting: Saturday, May 24th and Sunday, May 25th, 1941.

Meeting place and time: Saturday, May 24th, 1941, Catskill, N.Y.
Assemble in lobby of the New Saulpaugh Hotel and be ready to leave promptly at 10:00 A.M. on route 23 for East Windham. Bring lunch. We will not be near stores or restaurants at lunch time.

Region to be visited: Glacial features of the Catskill Mountains, particularly the evidences of local glaciers and glacial lakes in the northern Catskills; suggestions of pre-Late Wisconsin drift in the Southern Catskills and marginal glacial drainage features along the southeastern border of the Catskills.

Program of the excursion:

SATURDAY MORNING:

- (1) Drive on Route 23 to East-Windham. Assemble at the gap for view over plateau to north.
- (2) Proceed to Windham - Glacial delta of Grand Gorge lake.
- (3) North to gap between Mt. Nebo and Mt. Pisgah -- Moraine loops, drumlins, and glacial erosion.
- (4) Across plateau to Richmond Corners. Lunch en route.

SATURDAY AFTERNOON:

- (1) Moraines at Richmond Corners. Hanging deltas. Evidences of conflicting ice currents.
- (2) Proceed through Prattsville to moraines of local glaciers on Fly Brook.
- (3) Clay hill - Origin?
- (4) Proceed toward Grand Gorge - Beach cusps of Grand Gorge, Lake Deltas. View across Schoharie Creek to deltas of Platter Kill.
- (5) Grand Gorge to Roxbury. The gorge. Glacial outlet channel of Grand Gorge Lake

Arrive at Roxbury for dinner and night's lodging.

SATURDAY EARLY EVENING:

Informal discussion of Catskill Mountain glacial features. Order box lunch to be ready Sunday morning.

SUNDAY MORNING:

Leave Streeter's Hotel 8:00 A.M. Proceed to Arkville, Fleischmanns, and Pine Hill to Big Indian on routes 30 and 28, thence south up Esopus Creek to Winnisook Lodge, thence to Claryville.

- (1) Over-ridden moraine, kames and esker south of Roxbury.
- (2) Morainic loops in Delaware valley.
- (3) Stagnant ice (?) marginal terraces between Arkville and Fleischmanns.
- (4) Moraines and pedestals of local glaciers in Esopus valley above Big Indian.

(5) Moraines in upper Neversink valley. (6) Evidences of older glaciation around Claryville

Lunch near Claryville.

SUNDAY AFTERNOON:

Proceed via Grahamsville, Napanoch, Kerhonkson and Sampsonville to Wagon Wheel Gap.

(1) Large alluvial fans in Neversink valley. (2) Late Wisconsin moraines near Curry. (3) Hanging deltas and lake clays in Rondout valley. (4) Marginal drainage channels between Sampsonville and Wagon Wheel Gap.

Disband 4:00 P.M. at Wagon Wheel Gap.

Lodging and meals at Roxbury:

Dinner Saturday evening and breakfast will be provided by Streeter's Hotel at Roxbury. Overflow guests will be lodged in tourist homes. On account of limited accommodations at Roxbury, if the group is large it may be necessary for some to return to Grand Gorge for lodging.

Maps: The route traveled includes parts of the following 15-minute quadrangles: Durham, Gilboa, Hobart, Margaretville, Neversink and Slide Mountain.

Reference: "Glacial Geology of the Catskills," by John L. Rich. New York State Museum Bulletin No. 299, 1934.

(If desired by enough people, a trip to the top of Slide Mountain may be arranged for Monday morning, May 26.)