CUSHING, HENRY P.—"*Syenite-porphyry Dikes in the Adirondack Region.*"

Recent work in Clinton county N.Y., has shown the existence of dikes belonging to the syenite-trachyte family of eruptive rocks, which are of different age from the bostonites described by Kemp and Marsters from the near vicinity. They are older than the Potsdam sandstone as they have furnished pebbles to its basal conglomerate. On the other hand the older rocks of the region were metamorphosed before their extrusion. Together with the associated diabases they show great resemblance to the Keweenawan eruptives of the Lake Superior region. They possess considerable petrographical interest.

ADAMS, DR. F. D.—"*Nodular Granite from Pine Lake, Ontario.*

The paper describes a granite from a recently surveyed portion of the Province of Ontario, which in places contains an abundance of nodules scattered through it. These nodules differ in a marked manner from those occurring in any of the hitherto described nodular granites, among other things in being more acid in composition than the rock itself. They are frequently found to be arranged in long lines which, when followed up, coalesce into sheets having all the characters which are commonly presented by secondary quartzose veins. The phenomenon evidently results from a process of differentiation in the original magma and has an intimate bearing on the question of "contemporaneous veins."

ADAMS, F. D. and NICHOLSON, J. T.—"*Experiments on the flow of rocks now being made at McGill University.*"

This valuable paper on experimental geology was very well received and threw not inconsiderable light upon the behaviour of rock material under great pressures. Numerous experiments made upon the compressibility of marble and the form assumed by a cylinder of marble after being submitted to great pressure were carefully described and illustrated. The bearing of the results obtained even at these early stages of the investigation on the nature of the action of rock masses on a large scale in nature—on earth movements in general—were also pointed out.

COLEMAN, A. P.—"*Clastic Huronian Rocks of Western Ontario, and the relation of Huronian to Laurentian.*"

The Presidential Address by Prof. Orton was on the subject: "*Geological probabilities as to Petroleum.*"

NOTES.—The Sessions were held in the Lecture Room of the Peter Redpath Museum of McGill University.

On the evening of Wednesday, Dec. 29th, a private reception was tendered to the Fellows of the Society by Mrs. Porter and Mrs. Adams, in the new Macdonald Mining Laboratories of McGill University.

The thanks of the Society were tendered to the Governors of McGill University, and to Profs. Adams and Porter for their kindness and attention during the meetings.

Dr. Adams, Dr. Ells and the writer having been requested by Secretary Fairchild to give notes on the geology of Montreal, Dr. Adams led in an interesting talk, which was followed with much interest by all present.—H.M.A.