

TO STUDY MINERALS AND ROCKS

Maryland Field Excursion To Bare Hill Areas.

Owing to the absence from the city of Prof. Harry Fiedling Reid, his lecture upon "Earthquakes and Seismic Phenomena in Maryland," which was to have been given this evening as one of the Maryland field studies series at the Woman's College, will be postponed probably until early in January. Dr. Reid was recently sent to Italy to represent the United States Government at the annual session of the International Seismological Association.

In place of the lecture, the geological excursion, which was postponed for the visit to Doughoregan Manor, will take place on Saturday afternoon, November 10. This will include a visit to three renowned Maryland localities for minerals and rocks—the Jones' falls gneiss quarries, the Mount Washington copper mine and the Bare Hills chrome and serpentine areas. These are among the oldest and best-known original sources of American minerals.

The great gneiss quarries, which have been actively worked for nearly a hundred years, have gone far toward making the Baltimore of today possible. The old copper mine at Mount Washington, though not now in operation, is said to have occasioned the location of the Baltimore Copper Works here, while the occurrence of chromo ore at Bare Hills likewise originated the Baltimore Chrome Works. These two important industries will later be described in a lecture by Prof. Charles J. Koch.

The excursion party will assemble promptly at 1.30 o'clock at Huntingdon avenue and Twenty-ninth street from either the Roland Park or the Mount Washington cars. They will then walk two squares to Atkinson's gneiss quarry and have a look into its depths, a hundred feet or more; note the lay of the rock and the mode of quarrying. A blast will be made in honor of the party's visit and some of the characteristic minerals will be on hand for inspection or for the cabinets of those desiring them.

There being two other great quarries in the immediate vicinity meriting like attention, no attempt will be made to descend into them at this visit, but if it shall be desired a special trip will be made for this purpose at some future time.

The party will then take the Mount Washington cars for Mount Washington, and walk from the station to the old copper mine, where it is expected that the plant will be opened and its workings explained. After collecting samples of the ore and of the associated minerals, the party will proceed across the Bare Hills to the old chrome caves and serpentine quarries, where more than a dozen species of minerals will be seen, many of them "in place."

This tramp across these picturesque hills, with their scanty and peculiar vegetation, is to most visitors an unmixed delight, aside from the interest afforded by the classic rocks of the area, which were elaborately described by Hayden in 1833.

The walk from the serpentine quarry along the old meadow flood plain of Green Spring Valley branch of Jones' falls, the head of Lake Roland, to Sorrento Station is also a particularly beautiful one.

The car and railway fare will amount to 25 or 30 cents.

Those who intend to participate should notify the treasurer, Prof. J. Newton Wicks, 2740 Parkwood avenue, so that, if needed, extra cars may be provided. In the event of unfavorable weather, a later date will be chosen.