

D. S. Martin



Col N Rutgers Female College,

PRESIDENT'S ROOM,

New York, Oct 6th 1871.

Prof. J. W. Dawson, LL.D.

Dear Sir;

Although I have never had the pleasure of a personal acquaintance with you, I nevertheless feel no hesitation in addressing you this note, because it is on a subject which interests every lover of science, who has given it any attention. I beg leave, therefore, to trouble you with a few inquiries touching the accompanying specimens of an *Eozöon*, to all appearance.

At Saratoga, N. Y., about

a year ago, I found slabs and ornaments for sale, composed of this beautiful stone, which I did not at that time recognise as Eozoon. In the winter, it was identified by Dr Edwards of this city, at one of the meetings of our N. Y. Lyceum of Natural History.

During the last summer, I again visited the works of the Company (the "Adirondac Verd. Antique Co.") at Saratoga, and afterwards the locality, six miles west from Thurman Station, Warren Co., N. Y. - near the newly opened Adirondac R. R. The locality is a low ridge of

mixed calcite and Serpentine, running about N. N. W., in one of the trough-like valleys of the outlying ranges of the Adirondacs, - just as Dr. Emmons describes, in his Report. The dip is very gentle toward the West.

The chief peculiarity of these specimens is, the absence of any well-defined layers, - and even of any form. The whole outcrop is a mass of Eozöon rock; doubtless a vast old reef of it, with all interstices compactly filled with fragments. A little mica occurs here and there, - probably phlogopite, - and occasional seams of chrysotile. Wherever the rock has weathered, the

structure is strikingly shown, as will be seen in one of the accompanying bits, - the largest.

I send also a soft serpentine "from Pennsylvania," brought to this city for some ornamental arches, and having a curious look as of organic cells. The precise locality, I hope soon to ascertain from the architect, as the workmen are indefinite.

If you have the time to send me a few lines, giving me your opinion in regard to these specimens, as compared with the E. Canadense, with which I hardly think they can be specifically identical, you would greatly oblige

Yours very respectfully,
D. S. Martin
Prof. of Geology, R. F. C.