

gneissose rocks and conglomerates, especially on the bare glaciated surfaces, and suggests that many of the smaller and shallower lakelets may have originated by this process.

The conglomerates are described as gneisses and mica-schists, with subordinate pebble-beds.

The occurrence of gold in quartz-veins near Flinders, and at Madoc, is noted; and amongst other economic products are the micas of the granites, asbestiform actinolite, and marble. The author discusses the mode of origin of the granite, marble, and actinolite-rock.

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## CORRESPONDENCE.

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### SELENOLOGY.

SIR,—Pressure of other work has caused me to overlook until now Mr. Peal's short but suggestive article in the last number of the *GEOLOGICAL MAGAZINE* (Nov. 1892, pp. 500–502). Perhaps it may not be now too late to call Mr. Peal's attention to certain queries and suggestions published by myself in 1889 (App. ii. Note O, to my little work on "Metamorphism of Rocks"). I venture to think that some of these, suggested by an attempt to look at the matter from the chemico-geological standpoint, have hardly occurred to Mr. Peal. I will only note now two points: (1) that other tides than oceanic aqueous tides have to be allowed for; (2) that volcanic action is not under all circumstances dependent on water as an agent.

WELLINGTON COLLEGE, BERKS, 25th Nov., 1892.

A. IRVING.

SIR,—The last paragraph of Mr. A. R. Hunt's letter (p. 573) is the most ingenious instance of misrepresentation by selective quotation that I have seen for a long time. Against such an antagonist I cannot contend. So I leave him to enjoy the illusion that particular difficulties are best solved by general ignorance (see paragraph three of his letter), and to metamorphose not only the rocks of Devon, but also my papers to his heart's content.

December 9th, 1892.

T. G. BONNEY.

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## MISCELLANEOUS.

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CAMBRIDGE UNIVERSITY.—Prof. A. H. Green, M.A., F.R.S., F.G.S., Professor of Geology in the University of Oxford, has just been elected an Honorary Fellow of Gonville and Caius College, Cambridge, of which he was an old student and a former Senior Fellow.

PROFESSOR SIR RICHARD OWEN, K.C.B., F.R.S.—We regret to announce the death of Professor Sir Richard Owen, K.C.B., F.R.S., etc., which took place at Sheen Lodge, Richmond Park, at three o'clock, on the morning of Sunday, December 18th, 1892, in his 89th year. We hope to give a record of his life and work next month.