

FORAMINIFERA IN UPPER PALÆOZOIC ROCKS.

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At former meetings of the Royal Society I have incidentally mentioned a foraminiferal limestone as occurring among the Upper Palæozoic rocks of the North-Eastern district. Several years ago on one of my official cross-country journeys I met with specimens of limestone dotted with minute white spots, and on closer examination detected two or three more or less perfect forms of *Foraminifera*, one of them resembling genus *Spirillina* (*Trochammina*,) and another like *Valvulina*. In the absence of any local palæontologist competent to determine the specific character of these fossils, and having myself to attend to other business, I had put the specimens away until a few months ago, when I had an opportunity of submitting them to Mr. R. Etheridge, jun., who is engaged in working out the palæontology of New South Wales, and the following is an extract from a letter lately received by him:—

“I have at last had time to examine the pieces of supposed *foraminiferal* rock you left with me. There is no doubt but that is their nature, and, so far as I know, it is the first record of such in the Permo-Carboniferous rocks of Australia or Tasmania. I have sent the material to a *foraminifera* man, so we shall hear more about it soon.” The difficulty of separating these small fossils from the matrix is very great, but I have roughly mounted a few for inspection.