

In conclusion, the author discusses the volume of minute cavities in clay rocks and their analogues of various ages, and shows that there is a distinct relation between it and the probable pressure to which the rocks have been exposed. Tables are given of the pressures so calculated for rocks of various geological ages, the volume of empty spaces decreasing in older rocks from the 32 per cent. existing in recent clays. In the Moffat rocks, with very little or no slaty cleavage, the pressure is calculated at about 7 tons to the square inch, while the Welsh slates, with very perfect cleavage, indicate a pressure of about 120 tons to the square inch.

CORRESPONDENCE.

OPHTHALMOSAURUS: A CORRECTION.

SIR,—In the paper on the osteology of *Ophthalmosaurus* published in this Magazine last year (Vol. IV, p. 202) one or two errors occurred which should be corrected. The first of these is that the figure of the fore-paddle (Fig. 3) is not, as stated, a ventral view of the right limb, but a dorsal view of the left. Similarly, the hind-limb figured (Fig. 5) is that of the right side, not the left, Fig. 5 A being the ventral view and Fig. 5 B the dorsal. In consequence of these changes some of the reference letters will also be incorrect. The reason for these mistakes is that all the specimens examined were completely freed from the matrix, so that their position in relation to the skeleton as a whole could not be determined. Recently Mr. Leeds has carefully observed and marked some paddles before their removal from the clay, and the above corrections result from an examination of these specimens.

C. W. ANDREWS.

RE SPELLING OF PLACE-NAMES.

SIR,—In the January Number of the GEOLOGICAL MAGAZINE, p. 45, Mr. Linsdall Richardson calls attention to the spelling of the specific name *crowcombeia*. In the Geological Survey Memoir on "The Geology of the Country between Wellington and Chard" the Rhætic fossil *Pteromya crowcombeia* Moore, was by an oversight spelt *Pteromya* (not *Pleuromya*) *crocombeia*. This error arose from the change in spelling of Beer Crowcombe, which has been altered to Beer Crocombe on the new series Ordnance Map. Changes of this kind ought not, in my opinion, to affect either palæontological or stratigraphical terms. Thus I would adhere to the spelling of the Pabba Shales and Scalpa Beds for subdivisions of the Lias in the Inner Hebrides, despite the fact that the names of the islands on the Ordnance Map have been changed to Pabay and Scalpay.

HORACE B. WOODWARD.

HAMPSTEAD.

January 20th, 1908.

MISCELLANEOUS.

ERRATUM.—p. 46 (January Number), end of notice of Lord Kelvin: for 24th read 23rd December.