

tion extends) when the rock is some little distance inland, as at Morte Point, Devon, that they are to be found.

It is possible that what I have stated may attract the notice of some of the numerous excursionists at this season of the year, and, if so, there would be no difficulty in verifying the few observations I have ventured to send to your Magazine for publication.

I am, sir, yours truly,

WILLIAM GIBBENS.

CHELMSFORD, ESSEX,
August 9th, 1867.

THE BOULDER-CLAY OF THE THAMES VALLEY.¹

To the Editor of the GEOLOGICAL MAGAZINE.

DEAR SIR,—Any one wishing to see the Boulder-clay on the southern side of the range of heights that form the northern boundary of the Thames Valley, cannot do better than go by train to Romford, and walk to Havering-atte-Bower, three miles from that place. The road is very pleasant and the view from Havering beautiful. The Boulder-clay can be seen in a pit on the right hand side of the drive leading from Havering to Bedfords, as well as in a pit very near the letter D in "lodge" on the Ordnance Map. The Boulder-clay is full of fragments of Chalk, more or less striated, of quartz pebbles, and transported blocks and fossils. The fossils have been caught up by the ice principally from the Oxfordian and Kimmeridgian zones, and consist of *Belemnites*, *Ostrea dilatata*, and other bivalves. In one fragment of shale I found *Ammonites biplex* and in a striated nodule from the Kimmeridgian there was a very well preserved shell of that species. The great interest of this deposit is its position to the south of the northern boundary of the Thames Valley proper.—Yours truly,

W. BOYD DAWKINS.

UPMINSTER, ROMFORD.
June 22nd, 1867.

MISCELLANEOUS.

A DYNAMICAL THEORY OF THE FIGURE OF THE EARTH, PROVING THE POLES TO BE ELONGATED.² By F. C. BAKEWELL.

It is the author's object to prove that the general figure of the earth is that of a lemon, rather than of an orange; in short, that our planet must be elongated at the poles. "The question," he states, "is capable of being determined, without much stretch of reasoning power, by all who possess a knowledge of the first principles of mechanical science. The only thing especially required is that its consideration should be freed as much as possible from the mists of prejudice and the trammels of authority."

¹ This letter was unintentionally omitted from the August number of the GEOLOGICAL MAGAZINE.—EDIT.

² 8vo. London, 1867, pp. 26. (Weale).