

only as to its remanié fossils. I had at the time no clear evidence of the horizon of the bed next above, not having then elsewhere sufficiently studied the fauna of the passage-beds from Chalk Marl to Chalk. In 1876, Barrois, as you know, referred bed 13 to Chloritic Marl. In 1877, and again in 1878, I re-examined the Devon cliffs, obtained much additional information, and satisfied myself that bed 13 belonged to a higher horizon than I had at first supposed. I found that bed 13 itself contained *Belemnites plenus*. That the bed next above it (bed 14) contained *Inoceramus labiatus*. That *Holaster subglobosus*, in some sections wholly absent, abounded here and there only in the top of bed 12; was to be found very rarely in the lower part of bed 13, but was not present in any of the other beds. In my tables of fossils of 1874 I had most unluckily included amongst supposed specimens of *Holaster subglobosus* the *Holaster nodulosus* of Hebert and *H. carinatus*, Ag., which are present in beds 11, 12, and probably also flattened specimens (seen only *in situ*) of *Echinoconus*, which occur rarely in beds 14 to 17. The result of my researches since 1874 in these particular sections amounts broadly to this—that I find reason for placing beds 13, 14, respectively a stage higher in the Cretaceous series than I had at first supposed.”

I hope Mr. Meyer will soon be able to publish the results of his recent researches in greater detail, as the zone of *Bel. plenus* appears likely to become an important divisional line in the Cretaceous series.

Jan. 8, 1879.

A. J. JUKES-BROWNE.

SIR R. GRIFFITH AND THE OLD RED SANDSTONE.

SIR,—I find I have misrepresented Sir R. Griffith; from my conversation with him I imagined his statements in reference to the Fintona, Curlew Mountain and Croagh Moyle rocks had not been published; while now I learn they had been published in 1843, during the meeting of the British Association at Cork. For this correction I am indebted to the Rev. M. H. Close, President of the Royal Geological Society of Ireland. As that gentleman has in preparation a history of Griffith's Map, it is unnecessary to say more on the subject at present.

G. HENRY KINAHAN.

VOUCA, February 7th, 1879.

ON THE FORMER CLIMATE IN THE POLAR REGIONS.

SIR,—Dr. Haughton's letter makes it look as if I had committed an anachronism in saying that Dr. J. Evans had, in his opening Presidential Address, defended his theory about changes of latitude against arguments subsequently brought forward in the Section by the Professor. It was, however, to a paper read by Dr. Haughton, in April, 1878, at the Royal Society, to which I referred.

O. FISHER.

ERRATA AND OMISSIONS.—In Mr. Lapworth's paper on the Tripartite Classification of the Lower Palæozoic Rocks, GEOL. MAG., January, 1879.

After title insert—(Read before Edinburgh Geological Society, Dec. 19, 1878.)

p. 3, line 1, for *light* read *right*.

p. 3, line 40, for *division* read *divisions*.

p. 12, line 20, for *it* read *them*.