

I have not stated that *A. granulatus* does occur there, and if I could not point to an undoubted *A. granulatus* from a horizon at which any Belemnites are most exceptional occurrences it would not prove that *A. granulatus* never occurs there, as assumed by Mr. Jukes-Browne. It so happens that the challenge can be met out of his own mouth. He says: "With respect to Sussex I relied on the published records, according to which . . . in the cliffs between Seaford and Brighton . . . *A. granulatus* occurred through at least the lower 150 feet." As the zone of *O. pilula* is only from 100 to 110 feet thick in the Sussex cliffs (and does not exceed 105 feet at Seaford), *A. granulatus* at 150 feet must be well up in the restricted zone of *A. quadratus*. Specimens of *A. granulatus* occurring at 120 feet would be equally, though less deeply, in the restricted zone of *A. quadratus*.

R. M. BRYDONE.

27 TWYFORD MANSIONS, W.

THE LEICESTERSHIRE AND SOUTH DERBYSHIRE COAL-FIELD.

SIR,—I shall be much obliged if any readers of the *GEOLOGICAL MAGAZINE* can inform me of the whereabouts of a collection of Coal-measure fossils, chiefly plants, made by Edward Mammatt, author of *Geological Facts*. He was the first man, as a pupil of William Smith, to put into practice for Carboniferous zonal work the principle that strata are characterized by their organic remains. A detailed coloured section is given in his work, with the position of fossils found indicated. Moreover, these fossils are figured in his work, but unfortunately in the state of lithography at that time accuracy was not possible, and it would be necessary to examine the originals in many cases to be sure what fossil is intended. So valuable is this record, since the sections are now bricked in, that the information the fossils could afford would be of the greatest assistance to me in further working out the palæontology of this coal-field. Mammatt was a friend of the late Professor A. H. Green, who surveyed part of the district, afterwards going to Oxford.

Inquiries were made amongst several colleagues when my preliminary account of this coal-field was communicated to the Survey memoir on this coal-field, published in 1907, but I was then unable to obtain any information. Since I am hoping to revise this account, which was drawn up before the work had gone very far, and as I have a good deal of additional information, any facts of importance that may be known to readers of this Magazine will be cordially welcomed.

When the above-mentioned account was written, reliance had to be placed upon certain data which may, after a fuller study of the question, have to be read in a new light, in spite of the fact that my friend the late Mr. Fox-Strangways and I were satisfied with them at the time. It is in this connexion that Mammatt's sections are specially interesting.—Yours truly,

A. R. HORWOOD.

LEICESTER MUSEUM.

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