



CORRESPONDENCE.

CAMBRIAN ROCKS NEAR THE WREKIN.

SIR,—In the course of the Geological Survey of Sheet 152 New Series (Shrewsbury), I have had occasion to examine the district lying between the Wrekin and Charlton Hill and have found some new exposures of Cambrian beds. The results so far obtained may be of interest.

The area in question lies between the north-eastward continuation of the Church Stretton Fault and the Wrekin Fault. It is drained by Dryton Brook and its tributary Rushton Brook.

The basal Cambrian quartzite is well known to crop out at Charlton Hill and at Rushton, between that hill and the Wrekin. Its outcrop has now been traced through the intervening ground, and is found to be broken by a number of transverse faults. The quartzite is succeeded by about 500 feet of Comley Sandstone, the upper part of which is well exposed in a gully at the head of Dryton Brook, and here the *Callavia* Sandstone and overlying *Olenellus* Limestone, both abundantly fossiliferous, have been detected. There are also indications of several other fossiliferous Lower Cambrian horizons comparable with those worked out by Mr. E. S. Cobbold in the Comley area.

These beds are overlain by Middle Cambrian glauconitic grits and shales, in which a calcareous band, exposed in Rushton Brook, has yielded a well-preserved Paradoxidian fauna. The grits crop out also round the southern end of Charlton Hill.

Along the east flank of Charlton Hill some dark shales yield Cambrian brachiopods and ostracods; but their position in the sequence is at present obscure. Other shales with brachiopods are in contact with glauconitic grit between Upper Dryton Brook and Rushton Brook.

Shinerton shales are exposed farther down stream, just north of the outcrop of the Coal Measures of the Dryton Coalfield.

It is proposed to make a more detailed examination of this area next year; meanwhile Mr. Cobbold is studying the fossils already obtained.

R. W. POCOCK.

28 JERMYN STREET, S.W. 1.
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CLIMATIC CORRELATION OF RAISED BEACHES.

SIR,—The letter by Mr. W. B. Wright, in your November issue, on the subject of Raised Beaches is most interesting, and I wish to thank him for his valuable criticism and advice.

In reply, I would like to make the following comments:—

(1) The conclusions which I reached in my paper refer essentially