

writer suggested, but afterwards withdrew, "Padarnian." The fourth thought there might be confusion between "Arvonian" and "Avonian".

In June, 1930, I concluded my letter by saying that "if serious disapproval be not manifested, then I will adopt 'Arvonian'". In view of these four letters, and of the silence of everybody else, it is clear that there is no serious disapproval. I feel therefore free to adopt the term.

EDWARD GREENLY.

THE PLEISTOCENE SUCCESSION IN ENGLAND.

SIR,—In his paper on the Pleistocene Succession in the January number of the *GEOLOGICAL MAGAZINE*, Dr. K. S. Sandford has made a notable contribution towards the solution of our difficulties in the correlation of glacial and interglacial episodes with the industrial phases of Early Man.

I agree with the broad outlines of his correlation—indeed, I had independently been led to practically the same conclusions, though our approach to the problems was rather different. By reversing the "apparent" order (in his *Q.J.G.S.* paper) of the Summertown-Radley Terraces and Wolvercote Channel, by correlating the Plateau Drift with the Norwich Brickearth (containing Scandinavian erratics) and abandoning any correlation with the Cromer Forest-bed, Dr. Sandford has cleared up most of the difficulties I foresaw.

As I shall be attempting a general conspectus of the problems a little later in the year, I will only point out at this stage a slip in Dr. Sandford's summary table on p. 15, which may confuse readers, because it involves an apparent contradiction with other parts of the paper. The Brown Boulder Clay of Hunstanton finds its equivalent in Yorkshire in the Hessle Boulder Clay, and in the Thames Valley in the Ponder's End stage. The Upper Chalky Drift of East Anglia and the Coombe Rock appear to be represented in Yorkshire by the Upper Purple Boulder Clay, which it appears must be attributed to an ice-advance separate from that of the Lower Purple Boulder Clay. The view of a four-fold glaciation of Yorkshire has the support of Drs. Raistrick, Trotter and Hollingworth, to whom I offer my thanks for their trouble in furnishing me with their detailed correlations.

P. G. H. BOSWELL.

DISTURBED GLACIAL BEDS IN DENMARK.

SIR,—In a recent publication of the Geological Survey of Denmark, the famous sections of disturbed glacial beds at Lønstrup have been described and admirably illustrated by Mr. Axel Jessen. British geologists will welcome this detailed description of a classic area,