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EXCURSION TO STANMORE.

SATURDAY, JUNE 29th, 1901.

Directors : The PRESIDENT and A. E. SALTER, B.Sc., F.G.S.*Excursion Secretary* : E. W. SKEATS, B.Sc., F.G.S.*(Report by MR. SALTER.)*

THE party left Euston at 2.20 p.m., and arrived at Stanmore just before three o'clock. A start was at once made for the higher ground of Stanmore Common, *via* Dennis Lane, at the end of which, and just on the border of the Common, at about 480 feet O.D., a halt was made while the President referred to the formation of the two large ponds near that spot. Proceeding to Pear Wood, a good section in Pebbly Gravel was inspected. Mr. Whitaker, in the absence of Mr. C. Reid, proceeded to give reasons advanced by the latter for considering the deposit to be of Eocene age. Mr. Salter followed, and gave a historical summary of the work that had been done with these deposits, and subjected the evidence brought forward for their Eocene age to criticism. He also shewed that the presence of foreign material, the increase in complexity of the foreign constituents, with decrease in height when the deposits are traced over a wide area, the fact that they overlie the Crag deposits at Westleton and are under the Boulder Clay at Ayot, and elsewhere, and their radial arrangement south of the gaps in the Chalk escarpment, all point to a Drift origin. If this were the case, then they must have been deposited by consequent streams *after* the folding of the London Basin. This folding is usually attributed by geologists to *Miocene* times. A search in the pit yielded a few foreign pebbles, such as quartz, sandstone, jasper, dark-veined chert, &c.

After tea at the Alpine Coffee Tavern, which is situated near the highest point in Middlesex, just over 500 feet above the sea, the party took the road leading to Pinner, examining a pit in “Pebbly Gravel,” at Harrow Weald, on the way. Here a good junction with the London Clay was seen. The gravel was

of a similar character to that seen before, except that liver-coloured quartzites and other stones suggesting a Bunter origin were found. No Lower Greensand chert was seen at either of the pits.

A pleasant walk, mostly through fields, brought the party to Pinner Station, and an enjoyable excursion to a close.

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EXCURSION TO TWYFORD AND THE WARGRAVE OUTLIER.

SATURDAY, JULY 6TH, 1901.

Directors : LL. TREACHER, F.G.S., AND H. J. OSBORNE WHITE,
F.G.S.

Excursion Secretary : W. P. D. STEBBING, F.G.S.

(*Report by* H. J. OSBORNE WHITE.)

THE members arrived at Twyford about noon, and, meeting the Directors at the station, were conducted through the village to Mr. Treacher's residence, where about half an hour was spent in examining a portion of the large and valuable assemblage of stone and bronze implements, mammalian bones, and other objects of geological interest collected by the senior Director in the South of England.

In view of the visit of the Association, the glass table-cases in the museum had been arranged, as far as possible, so as to illustrate the local geology, but in the short time at their disposal the members were able to gain only an imperfect impression of the varied character and importance of the whole collection. Especial interest was manifested in the fine series of Palæolithic tools of flint and quartzite, obtained from the middle and lower