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EXCURSION TO SWANSCOMBE AND GALLEY HILL.

SATURDAY, MAY 23RD, 1908.

Director : JAMES CROSS, F.G.S.

Excursion Secretary : Miss M. S. JOHNSTON.

(*Report by* Miss M. S. JOHNSTON.)

THE party, which numbered forty-five, left Cannon Street Station at 12.57. On arriving at Northfleet the Director led the party across the line to Baker's Hole Chalk pit, where several implements were found. After passing a remarkable section of denuded chalk, overlaid by later beds, the Members ascended the hill amongst the sand-pits, where their attention was drawn to examples of hill-creep and slickensides in the sands and clays (possibly Thanet Beds). Swanscombe Hill was next ascended by Watling Street, and the old earth-works were examined. Quantities of small flakes were picked up in the fields on the way back to tea at the Milton Street Arms. After tea the Members visited the Milton Street Gravel Pits, where the Director had provided men to dig the gravel in the hope of finding Palæolithic flint implements, but nothing of importance was found on this occasion. Dearden's Gravel pit was next visited, and a roadside section at Swanscombe, where a profusion of Pleistocene shells was found, *Neritina* being especially abundant. The colour ornamentation of the shell is well preserved. At Galley Hill Mr. R. Elliot pointed out the place where he found the "Galley Hill skull," about which there has been so much discussion. This being the completion of the day's work the President proposed a vote of thanks to the Director, and also expressed his pleasure at the presence of Mr. Elliot. Most of the party returned from Northfleet by the 8.40 train, but a few stayed on to partake of the hospitality of the Associated Portland Cement Manufacturers, Limited, on whose property many of the

pits visited during the excursion are situated. After dinner Mr. G. W. Young tendered the thanks of the Association for both these courtesies.

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EXCURSION TO FARNHAM AND THE HOG'S BACK.

SATURDAY, JUNE 20TH, 1908.

Director: GEORGE W. YOUNG, F.G.S.

Excursion Secretary: MARK WILKS.

(*Report by THE DIRECTOR.*)

ON arrival at Tongham, the party, numbering 27, proceeded southwards through the village, at the end of which a field path was taken slanting up the northern flank of the Hog's Back. On reaching the crest of the ridge, along which the main road runs, a short description of the geology of the district was given.

The excursion having been planned to illustrate the Director's paper which appeared in the previous issue of the PROCEEDINGS,* particular attention was drawn to the physical features described therein, which are well displayed from this spot. Although fully 100 feet below the highest point of the Hog's Back, the bold, upstanding character of this narrow chalk ridge is very apparent. While to the north and north-east the eye ranges over the well-wooded low lying Tertiary ground of Pirbright and Woking, and the slight elevation of the Fox Hills; on the west, beyond Farnham and Aldershot, the Tertiaries rise to a considerable height (over 600 ft. O.D.) and completely dominate the Chalk, which merely crops out on the slope of the hill descending to the valley of the river Wey without making any feature at the junction. Southward the ground descends sharply to the valley excavated along the exceedingly narrow outcrop of the Gault, beyond which the Lower Greensand rises abruptly in the con-

* Vol. xx, p. 422, *et seq.*, to which reference should be made for details. The numbers attached to the chalk-pits in this Report are those given in the list in that paper.