

Excursion to Grays, Essex. Saturday, April 9th, 1910 - Geologists' Association excursion

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Geologists' Association Circular 118. Session 1909-1910. p.3.



Excursion to Grays, Essex. Saturday, April 9th, 1910. (Transcription from GA Circular 118. Session 1909-1910. p.3)

Directors: M. A. C. HINTON AND A. S. KENNARD, F.G.S.

Excursion Secretary: A. L. LEACH, Giltar, Shrewsbury Lane, Plumstead, S.E.

Leave Fenchurch Street Station (London and Tilbury Railway) at 2.15. Take cheap return tickets to Grays Junction, 1s. fid. Arrive Grays 2.57 p.m. Walk to the large pit of the Grays Chalk Quarries Company. Here, by the kind permission of the Company, a fine section in the Pleistocene beds can be examined. The section is of considerable length, running north and south. The beds exposed are brick-earth, sands, and a little gravel, and in the opinion of the directors represent the old channel of the Mardyke. Attention will be called to the important differences between this deposit and the well-known High Terrace gravel of the Thames occurring in the neighbourhood. Excellent sections of the Thanet sand are also exposed, and very large sarsens may be seen. The existence of a "denehole" will be pointed out, and the Rev. J. W. Hayes, who has made an extended study of "dene-holes," will address the members on this interesting subject. Walk to the Lion pit and examine sections in Middle Terrace brick-earths from which remains of *Elephas*, *Bos*, *Equus* and *Cervus* have been obtained. The buried cliff of chalk is also well seen in this pit, and a number of worked flints of the "Crayford" type have been found by the directors at this spot. Sections in the High Terrace Gravel will also be noticed. Return to Grays. Meat tea at the King's Arms Hotel, price 1s. 6d. Return from Grays by 7.22 p.m. train.

Total walking distance, 4 miles.

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1903. POCOCK, T. I.—On "The Drifts of the Thames Valley near London," Summary of Progress of *Geol. Survey* for 1902-3, p. 199.

1905. HINTON, M. A. C., and KENNARD, A. S.—"The Relative Ages of the Stone Implements of the Lower Thames Valley," *Proc. Geol. Assoc.*, vol. xix, p. 76.

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List of photographs

The large pit of the Grays Chalk Company. Excursion to Grays Thurrock, April 9th 1910. [Photograph missing.]

The large pit of the Grays Chalk Company. Pleistocene beds overlying the Chalk. Excursion to Grays Thurrock, April 9th 1910. [Photograph missing.]

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