Excursion to Horsley and Netley Heath. Saturday, May 23rd, 1914 - Geologists' Association excursion

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Excursion to Horsley and Netley Heath, Saturday, May 23rd, 1914 (Transcription from: GA Circular No. 166. Session 1913-1914. p.6-7)

DIRECTOR: THE PRESIDENT.

EXCURSION SECRETARY: T. W. READER, 171 Gloucester Road, Finsbury Park.

Leave Waterloo (L. & S. W. R.) at 1.37 p.m. Take ordinary day excursion tickets to Horsley, 2/3 return; also from Clapham Junction 1.47 p.m., 2/- return, arrive Horsley 2.33 p.m.

Walk along footpath skirting railway (over London Clay) to West Horsley. The Chalk is reached just before crossing the Leatherhead-Dorking Road, Visit Coombs’ chalk pit, a large picturesque pit cut in the upper part of the zone of *Micraster cor-anguinum*. It is fairly fossiliferous and has yielded a characteristic fauna.

Walk southward via Pebble Hill, where there is a small Tertiary outlier, to Netley Heath. Examine sand pit at about 620 O.D. The sand is much disturbed in places and contains a good deal of ferruginous grit, frequently in the form of hollow nodules. This grit contains numerous flint pebbles but otherwise resembles that of the Lower Greensand, fragments of which are also present. In it also occur occasional imperfectly preserved casts of marine fossils, and the deposit has been correlated with the beds of Pliocene age at Lenham.

Proceed along road to Rails Hatch, where take bridle road to West Horsley Church, then along main road to Pole pit from which *Marsupites* has been obtained.

Tea will be taken at the Duke of Wellington Inns East Horsley, price 1/- each, after which walk ¼-mile south to Rowbarns chalk pit, another fossiliferous exposure of *M. cor-anguinum* zone.

Return train leaves Horsley 7.45 p.m., due Waterloo 8.39 p.m.

REFERENCES.

Geological Survey Map, 1 inch, Old Series, Sheet 8 Drift Ed.


1907. YOUNG, G. W.—"The Chalk Area of Western Surrey." Ibid., vol. xx, p. 422.

**Images**

**Excursion to Horsley, May 23rd 1914**

Coombs Chalk Pit at West Horsley, Surrey.

Coombs Chalk Pit at West Horsley, Surrey.

**List of photographs**

**Excursion to Horsley, May 23rd 1914**

Coombs Chalk Pit at West Horsley, Surrey. A section in the upper part of the zone of *Micraster cor anquinum* [corangium]. Excursion to Horsley, May 23rd 1914. There are two sets of strong joints running roughly NW to SE and NE to SW which causes the faces to be smooth and almost vertical. The Chalk is white and hard with well marked bedding planes and nodular flint bands at varying intervals. Not far from the top is a thick yellow bed. Added note: Walls 50 ft. high.
Coombs Chalk Pit at West Horsley, Surrey. A section in the upper part of the zone of Micraster cor anguinum [corangium]. Excursion to Horsley, May 23rd 1914. There are two sets of strong joints running roughly NW to SE and NE to SW which causes the faces to be smooth and almost vertical. The Chalk is white and hard with well marked bedding planes and nodular flint bands at varying intervals. Not far from the top is a thick yellow bed. Added note: Walls 50 ft. high.

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