EXCURSION TO CUMNOR.

SATURDAY, JUNE 25TH, 1904.

Directors: PROF. SOLLAS, M.A., F.R.S., AND MISS HEALEY.*Excursion Secretary:* H. WALKER, A.R.C.Sc., F.G.S.

THE party from London arrived at Oxford shortly after 3 p.m., and were met by some thirty members of the Ashmolean Natural History Society of Oxfordshire. Most unfortunately Prof. Sollas was prevented by family reasons from being present to act as director. The party proceeded at once to walk, by way of Ferry Hincksey to Cumnor Hurst, where the following section was seen:

Gr. Fluvio-glacial gravel.
Gt. Clay, probably gault.
Fe. Iron Sands (cretaceous).
K. Kimmeridge Clay.

Kgl. Glaucanitic sandy layer in
Kimmeridge Clay.
n 1 Small nodules in Kimmeridge
Clay.
n 2 Large septaria in Kimmeridge
Clay.

DIAGRAMMATIC SECTION, CHAWLEY WORKS BRICK PIT, 1904.

W. J. Sollas.

The fluvio-glacial gravels, which are generally but thinly strewn over the summit of the hill at a height of 520 feet, also fill a long trough excavated in a clay which has yielded fragments of *Hoplites interruptus* and must therefore be Gault. It also contains phosphatic nodules.

This clay fills hollows in the Ironsands which are unfossiliferous, but present some interesting dislocations simulating faults. The Kimmeridge Clay immediately underlies the Ironsands, without any intervening Portland. It yields the usual fossils, *Thracia depressa* and *Proctocardia striatula* being fairly common.

The party then proceeded to the village of Cumnor for tea, after which some returned to the pit and others found their way direct to Oxford.

REFERENCE.

1887. BATHER, F. A.—“Note on the Geology of Cumnor Hurst.” *Journal of the Oxford Univ. Fun. Sci. Club*, vol. i, pp. 30-32.

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