Wenlock Limestone to the Purlieu Lane, at the lower end of which the Upper Ludlow beds with the usual fossils were seen to be overlain by the Downton Sandstone, the two being probably connected by transitional beds, though a small interruption in the section prevents this being seen. From a carbonaceous layer in the sandstone numerous imperfect specimens of *Pachytheca* were collected.

It had been intended to examine the Silurian beds farther north during the afternoon, but rain set in so heavily that a return was made to Colwall, where the excursion concluded.

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EXCURSION TO CATERHAM, GODSTONE, AND TILBURSTOW.

SATURDAY, JUNE 16TH, 1900.

Director : W. WHITAKER, F.R.S. (PRESIDENT).

Excursion Secretary : A. C. YOUNG, F.C.S.

THE Geologists left London Bridge Station (S.E.R.) at 9.30, for Caterham. They walked southward to the crest of the Chalk escarpment at Upwood Scrubs, where a mass of the Blackheath Pebble Beds overlying the Chalk was examined, and a fine

view over the Lower Greensand tract obtained. The walk was continued along a footpath down the escarpment to Godstone Quarry, in Upper Greensand (firestone, etc.). The underground workings, down the dip northward, were noted and their many recorded water-levels at varying heights were alluded to; but work was going on that prevented the members from seeing these. Instead of this, however, some old workings near Quarry Farm were visited, and then a new working about a third of a mile eastward, where a good section was seen.

The members proceeded thence across the outcrop of the Gault along the road to Godstone, stopping at the northern part of the village, to see a sand-pit in the Folkestone Beds. This was formerly carried on as an underground working (for the lower bed of sand), but has now been opened up, the upper bed of sand being also worked. The walk was then continued, through the village of Godstone, to the pits of Tilburstow, which are more than a third of a mile long, and made simply to get the chert at the bottom for road-metal. A very large area has been worked over the tract to the east, now a plantation. At one part a little of the Folkestone Beds (sand) is touched. The whole of the Sandgate Beds is passed through (clayey and with green sand). The chert is classed with the Hythe Beds by the Geological Survey. A fine landslip was seen in part of the pit. The excursion was continued eastward by way of a cutting on the road down Tilburstow Hill in the sands of the Hythe Beds, to the faulted mass in which the chert-beds are again shown on the western side of the road.

The return journey was made down the dip-slope of Tilburstow Common (Hythe Beds), across the fields to Tandridge, and through Tandridge Park (dip-slope of the Folkestone Beds) to Oxted, a walk that gave constant opportunities of seeing the beautiful and varied scenery of the Lower Greensand of Surrey.

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