

notes therefore must, in a great measure, be restricted to the railway sections.

In travelling from London to Brighton by the railway, the following geological features of the country may be observed; by a reference to *Wond.* p. 340, and to the coloured section, *Wond.* Vol. II. Pl. IX. the structure of this remarkable district may be easily understood.

Leaving the station at London Bridge, the *London Clay*, with its characteristic fossils, is seen beyond Deptford, by New Cross, Sydenham, &c.; and approaching Croydon, beds of gravel appear, with interspersions of olive-green sand. These strata belong to the Eocene formation, and lie above and upon the Chalk. The valley beyond Croydon (Smitham Bottom), along the side of which the railroad is carried, is composed of gravel resting on chalk; beyond the station called *Stoat's Nest*, there is a fine section of the chalk, with layers of flint, and two parallel seams of marl, at the distance of six or eight feet from each other. These extend, with but little interruption, several miles, preserving their parallelism, although the strata in many places have

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and scientific friends had formerly sojourned, either shut up altogether, or converted into beer-shops; and at the close of the day, I had to proceed some eight or ten miles before a night's lodging could be procured. Should the reader be induced to visit any of the places described in these volumes, that are at a distance from the railways, it will be necessary for him previously to ascertain what accommodation is within reach.