

upon his view. At his feet lies the deep valley of *galt* in which Reigate is situated, and immediately beyond the town appears the elevated ridge of Shanklin sand, which stretching towards the west, attains at Leith-hill an altitude of one thousand feet; and to the east forms a line of sand-hills, by Godstone and Sevenoaks, through Kent, to the sea-shore. The Forest-ridge occupies the middle region, extending westward towards Horsham, and eastward to Crowborough-hill, its greatest altitude, and from thence to Hastings, having on each flank the wealds of Kent and Sussex; while in the remote distance, the unbroken and undulated summits of the South Downs appear like masses of grey clouds on the verge of the horizon.

Pursuing his route, the observer passes through Reigate, along the valley of *galt*, (see Plate 9, Section I. 2,) and over the *Shanklin sands* of Cockshut-hill, (3,) and arrives at the commencement of the wealden.\* The *weald clay*, (4,) containing beds of fresh-water limestone, appears at Horley common; and while in the commencement of his journey the roads were made of broken chalk-flints; and at Reigate of cherty sandstone, the material here chiefly employed is the bluish-grey calcareous rock of the weald. At Crawley, (5,) sand and sandstone appear, and the road is composed of grit and stone, containing fluviatile shells, bones and plants. Crossing

\* The reader will be able to follow this route by referring to the section, Pl. 9, fig. 1.