

tain the carbonaceous sandstones and shales, with many layers of fossil plants, seldom in good condition; and at Wheatcroft Farm the Kelloway rock and Cornbrash overtop the series. 'Diluvial' clays, full of fragments of far-travelled rocks, become very abundant in the cliffs above the Spaw, which are now occupied by a conspicuous row of elegant houses. The chalybeate water of the Spaw probably derives its quality from the immediately adjacent cliff of clays and pebbles. From the appearances here presented, and from the cuttings on the railway, it may be concluded that the little valley which gives passage to the stream under the bridge is formed in a hollow of the strata which was excavated in early geological times, and afterwards filled up with the boulder-clay deposit. This indeed is the general history of the valleys on the Yorkshire coast.

SCARBOROUGH.

SCARBOROUGH is readily admitted to be supreme among northern watering-places. No situation on the Yorkshire coast offers the same combination of picturesque cliffs, convenient access, comfortable dwellings, amusements for invalids, and motives for exercise to the more robust, along pleasant sands, among ancient fortifications, over prominent hills, or through woody valleys. Since the Bridge and Cliff walks have been constructed, the somewhat toilsome ascent from the chalybeate springs and the sands to the town is changed to an easy and healthful promenade; and the tediousness of slow drives to Filey, or Flamborough, or Ayton or Whitby, is replaced by something like the flight of an arrow, on the railway. Want of woods in the immediate vicinity of the sea is a misfortune felt on all parts of the Yorkshire coast, except in the secluded valleys of Haiburn, Eskdale, and the glens about Mulgrave, nor can this be wholly remedied at Scarborough. But the desire of improvement will in many ways augment the agreeable features of the place, and amongst other evidence of this, a better appreciation of the picturesque north sands may be mentioned.