

dales, much of it is unfitted for ordinary agricultural operations.

The Derbyshire limestone tract, for the most part high and grassy, consists almost entirely of pasture lands, intersected by cultivated valleys. On the east and west that region is skirted by high heathy ridges of Millstone Grit. North of the limestone lies the moss-covered plateau of Millstone Grit, called Kinder Scout, nearly 2,000 feet in height; and beyond this, between the Lancashire and Yorkshire coalfields, there is a vast expanse of similar moorland, intersected by grassy valleys. Still further north, all the way to the borders of Scotland, east of the fertile Vale of Eden, the country may also be described as a great high plateau, sloping gently eastward, through which the rivers of Yorkshire and Northumberland have scooped unnumbered valleys.

The uplands are generally heathy, with occasional tracts of peat and small lakes; but when formed partly of limestone, grassy mountain pastures are apt to prevail, through which in places those 'blind roads' run northward into Scotland, so graphically described in chapters xxii. and xxiii. of Scott's '*Guy Mannering*.' Here and there the deeper valleys are cultivated, dotted with villages, hamlets, the seats of squires, farms, and the small possessions of the original *Statesmen*. Of this kind of land the Yorkshire dales may be taken as a type. Nothing is more beautiful than these dales, so little known to the ordinary tourist. The occasional alluvial flats of the Calder, the Aire, Wharfedale, Niddesdale, Wensleydale, Swaledale, Teesdale, Wear-dale, the Derwent, and the valleys of the North and South Tyne, all alike tell their tale to the eye of the geologist, the artist, and the farmer. The accidental