

bands of limestone, the upper one forming the summit of Cam Fell, and high edges on the front of Deepdale and Yoken-thwaite Moors. Near Deepdale the river plunges into the thick lower limestone, from which it never escapes till it encounters the gritstone hills of Barden Fell and Symon's Seat. Below this point its course to Wetherby is in gritstone and shale; and thenceforward in magnesian limestone and the New Red formation. Thus we have in Wharfedale four parts distinguished by geological characters—which are accompanied by very characteristic differences of scenery.

The gritstone portion of Langstrothdale has the usual wild scenery of the moorlands, relieved by the grand forms of Cam Fell, Whernside, Ingleborough, and Penyghent. The calcareous part of the dale has a very different aspect. Lofty mural precipices, broken and undulated by many lateral sinuosities, and sometimes prominent in huge mountainous masses, overhang the narrow green meadows and the clear free sparkling river. Neat little villages, churches and churchyards, nestling by the stream and below the rocks, have reared a few trees, and some undergrowth of wood clings in places to the detritus of the cliffs. This character belongs also to the rocky dale of Arncliffe and Litton, which opens out at the foot of Penyghent and Fountains' Fell, and the broad limestone floors of Hardflask.

In the region about Kettlewell, the scenery is crowned by the heights of Great Whernside and Buckden Pike, and the bold rough rocks of Birks, Litton Hill, and Raisegill Hag; while, looking down the dale, we have the lower but fully as picturesque summits of Rilstone, Burnsall, and Barden, Symon's Seat, and High Crag,—forming an irregular distant horizon. Kettlewell is the old parish of Langstrothdale, as Arncliffe is the mother parish of Arncliffe or Littondale. Kettlewell's old church has been *replaced*,—the church of Arncliffe has been *restored*. Lower down the valley we have the large parishes of Linton and Burnsall. On the moorland above Starbottom and Kettlewell,