

glens right through these hills, to the Vale of Eden, at Kirkby Stephen, by Mallerstang, and the Vale of the Lancashire Lune, by Garsdale. Embraced by these glens, and separated from Hougill Fells by Rothersdale, is a singular group split into the three distinct summits of Wild Boar Fell, 2327 feet; Swarth Fell, 2237 N.; and Bar Fell (or Bow Fell), 2226 N. The former is in Westmoreland, the two latter in Yorkshire. These bold and picturesque mountains are rarely traversed by tourists, though they are very worthy of attention. Insulated from all the other masses of land, they offer to the geologist many excellent sections through the millstone grit and Yoredale rocks, and on their western slopes the line of the great Penine fault is very distinct. Wild Boar Fell, perhaps the finest of the three in boldness of form and ruggedness of surface, may be crossed with pleasure in fine weather (the author once crossed it in a terrific storm), from Pendragon Castle toward Sedbergh.

**WIDDALE FELL GROUP.**—Less deeply divided from its congeneric hills by Garsdale, Dentdale, and Widdale (a branch of Yoredale), is the irregular group of which Widdale Fell Top (composed of millstone grit) is the summit. It is 2205 feet high according to Mr. Nixon, who calls it Knoutberry Hill. A lower part of the hill, called Whaw Fell, or Woe Fell, is 1833 feet N., and to the long continuation westward, called Rysell, Nixon gives an elevation of 1823 feet. The views from Widdale Fell are varied, pleasing, and extensive, and it is within a moderate distance of Hawes, with a difference of level of 1500 feet.

**DOD FELL GROUP.**—In the small rhomboidal area enclosed between the two branches of Yoredale, called Widdale and Simmerdale, is a fine group of mountains, in which the limestone element, so productive of beauty in precipices and cascades, is predominant, though, as in many other cases, the highest summit is formed of gritstone. This is the 'Dod'—a name which occurs again in one of the buttresses of Skiddaw; its height is 2189 N. North-east of it is Bear's Head, or Weather