

take the road that leads through BONSAL vale. A fine range of limestone on the right, and a sparkling stream (Bonsal-brook) on the left. On the banks of this brook, there is a manufactory of mineral colours (Pooley's) well worthy a visit. But before we reach this establishment, there is an opening on the hill-side where the strata are exposed, and a bed of Trap is seen beneath the limestone; near this place, specimens of fluor, calc-spar, &c., that have been thrown out in forming the excavation, may be collected. From beneath the trap a warm spring issues and flows into the neighbouring brook. Proceed up the road leading to *Via Gellia*, and through a valley flanked with high ranges of limestone and dun-stone. On the right, is the beautiful cascade previously mentioned, near *Dunsley* (see p. 943.). This valley is a celebrated botanical region, for several species of plants, which are of great rarity, or unknown elsewhere, are here met with. At the direction post, turn to the left up the steep hill that leads to Middleton Moor. On each side numerous fossils of the mountain limestone may be collected from the blocks lying on the flanks of the hill. Views splendid in picturesque scenery, and of a highly interesting geological character, are obtained as we ascend. On the summit of Middleton Moor, which is from 1,300 to 1,400 feet above the level of the sea, a most extensive panoramic view of the surrounding country may be obtained. The geological map will enable