

The geological localities to be visited in this excursion are the following :—

I. BARROW - ON - SOAR.* *Lias limestone*.—The quarries at this locality are celebrated for the organic remains that have from time to time been obtained from the limestone (see p. 714). Bones of Ichthyosauri and Plesiosauri; fishes (*Dapedius*, p. 636.), and leaves of cycadeæ, and fossil wood; ammonites, terebratulæ, &c., may generally be obtained.

Although at the very foot of the plutonic rocks, and on the verge of the grand focus of volcanic action, which erupted the sienitic masses of Charnwood Forest, the strata in this spot appear to have suffered but little disturbance. But this phenomenon is in accordance with what occurs in other volcanic districts. For, as M. Constant Prevost remarks, volcanoes may open across all the strata, without occasioning great derangements; thus, at Limagne, Aurillac, and Puy (see *Wond.* p. 264.), the tertiary strata have preserved their horizontality, even around the vents through which issued the volcanic matter, that covered those countries with numerous cones of eruption.

II. MOUNT SOREL. *Granite and Sienite*.—The

* There is a station at Barrow, and the pedestrian may be put down within a short distance, by the railway.