

stratula of false bedding. Then, by varying the depth of water and the rate of current, one can secure almost any deposition, such as coarse over fine, and any contemporary erosion. But at Roundham Head the difficulty is that the variations in the conditions are so numerous and so extreme. Added to this there is the marvel throughout the Red Sandstones of an apparently inexhaustible supply of ready-made material. Hundreds of feet of deposition follow each other with apparently little denudation and erosion from lack of material. The millstones are rarely left to grind each other's faces for lack of meal.

It is clear that the fissures in the limestones were washed out clean before being quietly filled with fine Permian sand. But, *per contra*, the conglomerates seem to have planed at least one Devonian surface smooth, and then to have deposited themselves, horizontally bedded, upon it. That of itself is not a very intelligible operation.

With reference to the visit of the Geologists' Association to Devonshire in 1900, I have always felt that I owed an apology to the Association for accepting the office of a director both at Torquay and for the Dartmoor walk. I had never attended a meeting and did not understand the duties of the directors, and regarded myself solely as a local guide. It had never occurred to me that I should be expected to say anything on the geological problems encountered, but only to show the way on the moorland walk by devious paths, and to do the honours of Kent's Cavern at Torquay. My remarks on the conglomerates were only an expression of my own ignorance, and of satisfaction that Dr. Teall had a torrential hypothesis to suggest. The physics of the Devonshire Red Sandstones are at present most inscrutable.

A. R. HUNT.

TRIMMINGHAM CHALK.

SIR,—The coming Winter is possibly the last in which the 'North Bluff' will continue to exist, and in view of Professor Bonney's rejection of my observations as to the 'grey chalk' I hope that some geologist or geologists of recognised position will visit the locality this Autumn to test my accuracy as far as it is still possible. I shall be only too glad to meet anyone on the spot with this object. It is unfortunately no longer possible, owing to the ravages of the sea during the past year, to trace (as I have traced inch by inch and over and over again in the 70 odd visits I have made in the last six years) a continuous sheet of grey chalk from the most westerly point of Professor Bonney's block E to the most easterly point of the original bluff, but I think I can still show them enough to make it reasonable to accept as to such continuity the statement of a mere student of fossil polyzoa—if that is a fair description of me.

R. M. BRYDONE.

16, SOUTH AUDLEY STREET, W.
17th September, 1906.