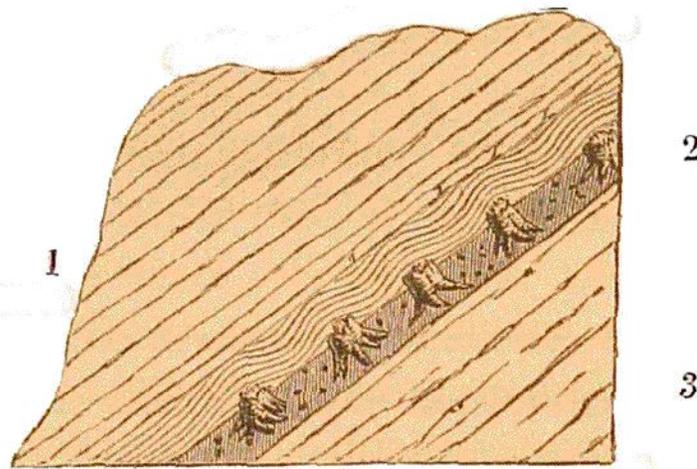


extraordinary phenomena, and I refer you to the memoirs of Mr. Webster, Dr. Fitton, and Dr. Buckland. From what has been stated, it is evident, that after the marine strata forming the base of the Isle of Portland were deposited at the bottom of a deep sea, and had become consolidated, the bed of that ocean was elevated above the level of the waters, became dry land, and covered with forests. How long this new country existed, cannot be ascertained; but that it flourished for a considerable period is certain, from the number and magnitude of the trees of the petrified forest. In the Isle of Purbeck, traces of the dirt-bed, with the trunks of trees, are seen beneath the fresh-water limestones



TAB. 71.—SECTION OF THE CLIFF EAST OF LULWORTH COVE.*

1, Purbeck calcareous slate; 2, Dirt-bed, with trunks of trees; 3, Marine limestone of Portland.

of the weald; a proof, that before the deposition of the Purbeck marble could have taken place, the

* Dr. Buckland.