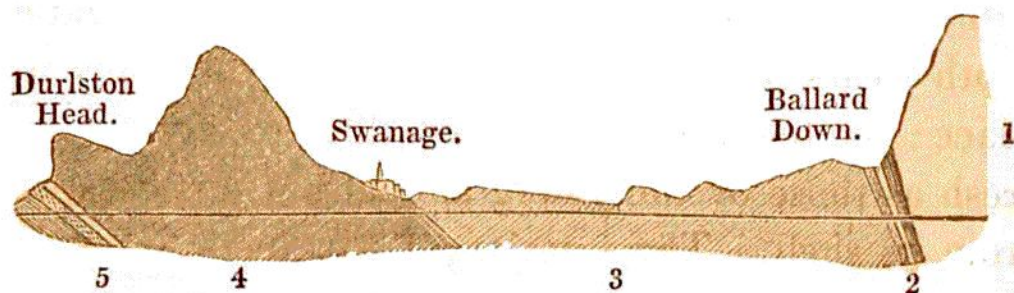


jaws, or any united parts of the skeleton, have been observed; but in the Purbeck beds a specimen has recently been discovered that affords an interesting illustration of the osteology of one of the Tilgate species.



TAB. 81.—SECTION AT SWANAGE BAY.*

1. Chalk. 2. Chalk marl. 3. Hastings beds. 4. Purbeck limestone.
5. Portland stone.

54. THE SWANAGE CROCODILE (Plate I.)—Swanage, or Swanwich, is a little town on the east of the Isle of Purbeck, the inhabitants of which carry on a brisk trade in the exportation of stone from the numerous quarries in the vicinity, there being a fine bay and good anchorage for vessels. The town stands at the mouth of the bay, about six miles E. S. E. of Corfe Castle. The section (Tab. 81), exposed by the coast, explains the geological structure of the country, and presents the following series of strata:—First, beds above the chalk; secondly, chalk; thirdly, Hastings beds; fourthly, the Purbeck limestone; and lastly, the Portland stone, which occupies the lowermost place in the series. I need not, in this place, dwell on the

* Dr. Fitton. Geological Transactions, vol. iv. Pl. X. a.