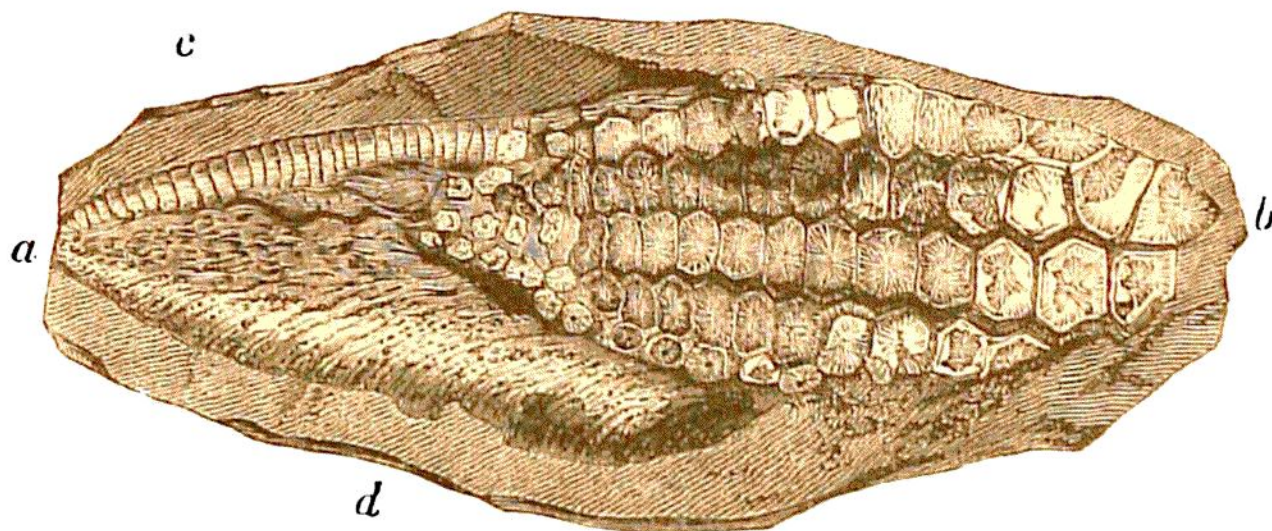


with the skeletons of these animals, it is obvious that the intestinal canal in the Ichthyosaurus was spirally convoluted, as in certain fishes. The dermal integument is preserved in some examples (see *Bd.* pl. 10.), by which it has been ascertained that these animals had a naked skin.



LIGN. 141. HINDER PADDLE OF AN ICHTHYOSAURUS ($\frac{1}{3}$ nat.); with its integuments. *Lias.* Barrow-on-Soar. (From *Geol. Trans.* Vol. VI. Pl. XX.)

INTEGUMENTS OF THE PADDLE.—The importance of carefully examining the surrounding stone before removing vegetable or animal remains from the matrix in which they are imbedded, and which has so often been insisted upon in the preceding pages, is strikingly exemplified in the highly interesting example of the hinder paddle of an Ichthyosaurus (*I. communis*), discovered by Sir Philip Egerton. *Lign.* 141 is reduced from the exquisite representation of the specimen accompanying the original memoir on this fossil, in the Geological Transactions. The specimen consists of the phalangeal bones of a