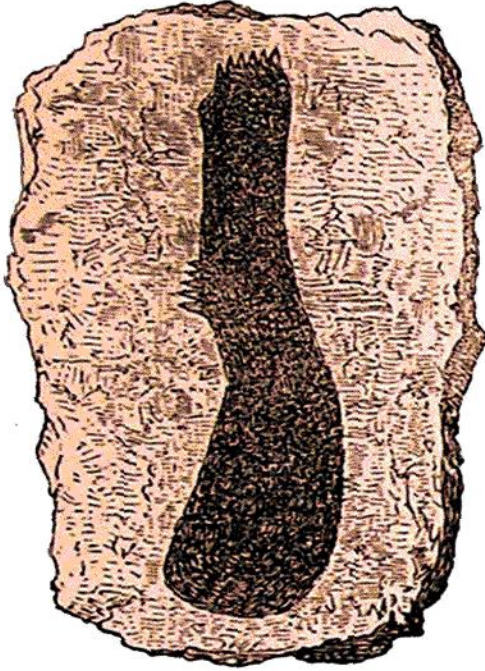


than ever. Its repetition here, however, will, I trust, be regarded as simply indicative of a wish on the part of the writer, that the question be kept open just a little longer, and that further examination be made. There is certainly something very peculiar about the mouth of the *Coccosteus* not yet understood, and singularly formed plates, connected with it, which have not been introduced into any restora-



tion, and the use of which in the economy of the animal seem wholly unknown. [1850. — I have at length found a very perfect specimen of the nether jaw of *Coccosteus*, and am prepared to show that it was of a character altogether unique. It had its two groups of from six to eight teeth, (exactly where, in the human subject, the molars are placed,) that seem to have acted on corresponding groups in the intermaxillaries, and two other groups of from three to five teeth placed at right angles with these, direct in the symphysis, and that seem to have acted on each

other. But though these unique teeth of the symphysis formed a vertical line of mouth, it joined on at right angles to a transverse line of the ordinary type, as the upright stroke of the letter T joins on to the horizontal line a-top.] Fourth edition.