

have given of the creature, however, will be found true to the actual type; and that parts should have been omitted will surprise no one who remembers that many hundred belemnites had been figured and described ere a specimen turned up in which the horny prolongation, with its enclosed ink-bag, was found attached to the calcareous spindle; and that even yet, after many thousand trilobites have been carefully examined, it remains a question with the oryctologist, whether this crustacean of the earliest periods was furnished with legs, or crept on an abdominal foot, like the snail.

I owe to the kindness of Mr. Robertson, Inverurie, the specimen figured in Plate V., fig. 7, containing shells of the only species yet discovered in the Old Red Sandstone of Scotland. They occur in the Lower Formation of the system, in a quarry near Kirkwald, in which the specimen figured, with several others of the same kind, was found by Mr. Robertson, in the year 1834. In referring to this shell, page 90, I have spoken of it as a delicate bivalve, much resembling a *Venus*; drawing my illustration, naturally enough, when describing the shell of an ocean deposit, rather from among marine, than fluviatile testacea. I have since submitted it to Mr. Murchison, who has obligingly written me that he "can find no one to say more regarding it than that it is

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however, that they existed *as plates* of very peculiar form, and greatly resembling paddles, and that they served in the economy of the animal some still unaccounted for purpose.