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XV.—On a new species of *Marginella* from South Africa

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extended, cup-shaped head, with curved shaft. (This curved kind of shaft is so common and so remarkable that it also is very characteristic of *Geodites haldonensis*, if not deserving of a different specific denomination.) Fig. 68. The same as the last, with quadrifid head, furcated irregularly; variety.

Fig. 69. Hexternate head; stout spicule.

Fig. 70. Ternate expanded head; large spicule. *Stelletites haldonensis*. This spicule shows a very common occurrence in the deposit, viz. the bare extension of the axial canal (*a*), in solid petrification, without the walls of the spicule.

Fig. 71. Ternate head; arms straight, pointed, expanded laterally and forwards; shaft and arms very much alike in many varieties; numerous, of many sizes. *Dercites haldonensis*.

Fig. 72. Quaternate head, contracted, with long shaft; lateral view. *Gomphites parviceps*.

Fig. 73. The same, end view.

Fig. 74. Lateral view of *Gomphites Parfittii*.

Fig. 75. Portion of long shaft, to show the enlarged state of the axial canal, which is frequently present in these fossil spicules: *a*, wall of spicule, very thin; *b b*, axial canal, much enlarged; *c c*, grains of sand in it; *d*, end of spicule in it.

Fig. 76. Specimen of the large, fusiform, smooth, slightly curved, acerate spicule common in the deposit: *aa*, the pointed ends. This kind of spicule is very abundant, entire and fragmentary, of all sizes. The figure represents the average largest size, viz. about 1-5th of an inch long. The limits of the plate are not sufficient to allow of the spicule being represented in its entire length, and therefore the middle portion and two ends only have been delineated. The same remarks apply to the following spicule.

Fig. 77. Large fusiform acuminate spicule, average large size, about 1-9th of an inch long.

Fig. 78. Smaller acuminate spicule.

Fig. 79. Large contort bihamate spicule, *Esperites giganteus*.

XV.—On a New Species of Marginella from South Africa.

By F. P. MARRAT.

[Plate XI. fig. 13.]

Marginella Keenii, Marrat, n. sp.

Shell conically ovate; spire short; whorls four, rounded, blunt at the apex; colour orange-buff, somewhat translucent; columella with four sharply raised plaits; outer lip thickened, smooth within.

Hab. South Africa.

I have named this shell after my friend Mr. Keen, of Edge Lane, Liverpool, to whom the specimens (six in number) belong, and whose collection of *Marginellæ* is considered to be the finest in England.

100 Edge Lane, Liverpool.

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