

ON THE GENUS *TREMATONOTUS*.

SIR,—During the preparation of my paper on *Trematonotus*, published in the GEOLOGICAL MAGAZINE for August, I much regret having overlooked a valuable monograph by Professor Lindström, “On the Silurian Gastropoda and Pteropoda of Gotland” (*K. Svenska Vet.-Akad. Handl.* 1884), containing descriptions and figures of two new species of this genus, viz.: *T. longitudinalis* and *T. compressus*.

The former of these shells, to which my remarks will now apply, was stated by its author to resemble so closely *Bellerophon dilatatus* of James de Carle Sowerby that he would have identified it as such, but for the absence of any mention of dorsal perforations either in the original description or in McCoy’s later account of the same species (*Pal. Foss.* 1852, p. 309).

It was reserved for the Reviewer of Professor Lindström’s work (Dr. G. J. Hinde) to point out that “*T. longitudinalis* is identical with *Bellerophon dilatatus*; as the type specimen of this form shows distinct traces of the characteristic apertures on the dorsal keel” (*GEOL. MAG.* 1885, p. 39).

An examination of the Sowerby type did not convince me that this evidence was complete; but Dr. Hinde has recently shown me another specimen of *B. dilatatus* in a better state of preservation, belonging to the Jermyn Street Museum (No. vii. $\frac{31}{11}$) which possesses unmistakably the elongate perforations, so that all doubts, in my mind, are now removed as to the true nature of this classical species.

With regard to my *T. Britannicus*, although more ovate in contour and very deficient in its umbilical characters, through pressure, yet its ornamentation and perforations are so like the Swedish specimen that they may be looked upon as practically the same species. The effect of this will be that *T. Britannicus*, like *T. longitudinalis*, will fall into synonymy under the older name of *T. dilatatus*.

In conclusion, I wish to record my indebtedness to Dr. Hinde for assisting me in this determination, and to assure Prof. Lindström how sorry I am that his monograph escaped my attention.

NAT. HIST. MUSEUM,
October 12th, 1892.

R. BULLEN NEWTON.

ON THE FLEXIBILITY OF ROCKS.

SIR,—With regard to the localities in Durham at which Flexible Limestone occurs. I find that Prof. G. A. Lebour refers to several in his “Outlines of the Geology of Northumberland and Durham.” At the time of writing the description of this rock published in the March Number of the *GEOL. MAG.* (1892), I had no opportunity of referring to this work. Prof. Lebour kindly informs me that the variety from Marsden loses its flexibility after being kept in a dry place for some time. My specimens from Sunderland do not appear to have undergone any loss of flexibility as yet.

ROYAL COLLEGE OF SCIENCE,
October 3rd, 1892.

GEORGE W. CARD, A.R.S.M.