

## CORRESPONDENCE.

## OCCURRENCE OF SODA-FELSITES (KERATOPHYRES) IN IRELAND.

SIR,—In the February Number of this MAGAZINE I gave some account of the occurrence of soda-felsites or keratophyres in Co. Wicklow, at the conclusion of which I expressed the opinion that they would also be found to occur among the felsites that crop out in such abundance on the Waterford coast between Tramore and Ballyvoyle Head. Since the publication of this paper my attention has been drawn to some analyses of the Waterford felsites which were made by the late Mr. John Arthur Phillips and published in the Philosophical Magazine for January, 1870 (vol. xxxix. p. 12). As these analyses do not appear to be generally known,<sup>1</sup> and as they are interesting as confirming my surmise as to the probable occurrence of soda-felsites among the Lower Palæozoic rocks of Co. Waterford, I venture to bring them to the notice of the readers of the GEOLOGICAL MAGAZINE.

No. 1 was collected at the sea-cliff east of the village of Knockmahon. It is described as an elvanite. It is a compact rock "of bluish grey colour, which, when freshly broken, shows imbedded crystals of quartz and felspar in an amorphous matrix." The felspar is supposed by the author to be oligoclase.

No. 2 is a "flesh-coloured felsite obtained from a very broad band of this rock seen in the cliff near the village of Annstown, and immediately west of a copper-vein in which some explorations are being made. Under the microscope this was found to consist of a colourless and generally amorphous matrix enclosing a few crystals of dodecahedral quartz and some small crystals of felspar."

	I.	...	II.		I.	...	II.
SiO <sub>2</sub> .....	72·33	...	80·50	Na <sub>2</sub> O .....	5·83	...	2·12
Al <sub>2</sub> O <sub>3</sub> .....	9·02	...	8·33	H <sub>2</sub> O .....	1·83	...	1·38
Fe <sub>2</sub> O <sub>3</sub> .....	6·34	...	3·44				
FeO .....	1·06	...	·96		99·79	...	99·83
CaO .....	1·92	...	1·21				
MgO .....	trace	...	trace	Sp. G. ....	2·66	...	2·64
K <sub>2</sub> O .....	1·46	...	1·89				

28, JERMYN STREET.

FREDERICK H. HATCH.

*STENO THECA*, SALTER.

SIR,—In the note by Mr. G. F. Matthew, in the GEOL. MAG. for May, on *Stenotheca* (p. 210), it is assumed that the name was suggested first by me. This is not correct, as the MS. name was given by Mr. Salter, and afterwards adopted by me in my paper "On some undescribed Fossils from the Menevian Group" (Q. J. G. S. vol. xxviii. p. 180). The species is there given as "*Stenotheca cornucopia*, Salter."

May 3, 1889.

HENRY HICKS.

ERRATUM.—In the April Number, p. 172, line 22 should read: "or it may be co-ossified with the lachrymal, as in *Sphenodon*, which bone is not free, as stated by Dr. Günther."

NEW HAVEN, CONN., U.S.

DR. G. BAUR.

<sup>1</sup> They are not mentioned, for instance, in Teall's British Petrography.