

light at the time. There is no damage done to anything about the station so far as I can see." Bar. 29.43 at 9 A.M.

These observations are valuable because of their trustworthiness as coming from wholly independent observers, and because few more sensible earthquake shocks have, so far as I know, been observed in Scotland. It is also remarkable that they do not appear to have been felt at any other lighthouse stations, although there are several others in the immediate vicinity. A record of them may therefore be useful to those engaged in seismic investigations.

3. Additional Remarks on Knots. By Professor Tait.

The author, in laying before the Society a revised and condensed version of the various papers recently communicated by him, took occasion to make some additional remarks. Of these only one need be given here. He pointed out that another fundamental term is requisite besides those already used viz., *Knots* and *Links*. For three endless cords may be inseparably entangled with one another, or locked together, even if no one of them be knotted and no two interlinked.

Monday, 4th June 1877.

DAVID STEVENSON, Esq., C.E., Vice-President,
in the Chair.

The following Communications were read:—

1. On the Structure and Relations of the Genus *Holopus*.
By Sir C. Wyville Thomson, F.R.S.

(Abstract.)

The "Challenger" Expedition had no opportunity of visiting Barbadoes, and this I regretted greatly, as Sir Rawson Rawson, who was at that time governor of the island, had paid great attention to the marine fauna, and was anxious to introduce us to his fine collection, which included many specimens of the rare and