

C. Lyell refers to the presence of wings of *Blatta* and *Acridites* in the coal in Westphalia, and to a still larger series of insect remains in the ironstone near Treves, among which are several *Blattidæ*, *Neuroptera*, *Termites*, one *Scarabæus*, and the wing of a large *Gryllus* which he figures under the name of "*Gryllacris lithanthracæ*" (Manual of Geology, sixth edition). The presence of spiders and scorpions, and the state of preservation of the oldest known fossil spider from the coal in Upper Silesia, is worthy of note. This specimen is remarkably perfect, and is embedded in a white kind of shale, and the body stands out in relief on the surface, showing the four pairs of legs, the two palpi, and even the coriaceous integument of the body (see *GEOL. MAG.* 1865, Vol. II. p. 468).

I was glad to have an opportunity of examining this rare and interesting fossil when exhibited by the fortunate possessor, Professor Römer, at the meeting of the British Association in Birmingham, in 1865. Hitherto I have looked in vain for them in the series; but some day they will very likely be discovered, for we can hardly believe that such a number and variety of insects inhabited the land during the Liassic epoch, were not preyed upon by spiders and other creatures (Insectivorous mammals?) associated with them.

P. B. BRODIE.

VICARAGE, ROWINGTON, WARWICK,  
April 7th, 1866.

*DIPLOGRAPSUS TERETIUSCULUS* IN THE UPPER LLANDOVERY OF  
HAVERFORDWEST.

To the Editor of the *GEOLOGICAL MAGAZINE*.

SIR,—A short time ago Mr. Lightbody and I, when on our way to St. David's to look at the old rocks there, availed ourselves of the opportunity of examining the two celebrated fossil localities near Haverfordwest, Sholes' Hook, and the Gas-works cutting.

In the latter we met with a fossil very much about the position which has hitherto been assigned it. The strata at the Gas-works have generally been regarded as Upper Llandovery; and in them we found the following fossils,—*Nidulites favus*, *Petraia subduplicata* var. *crenulata*, very abundant; *Stenopora fibrosa*, *Tentaculites Anglicus*, *Orthis biforatus*, *O. calligramma*, var. *Walsalliensis*, *Strophomena antiquata*, *S. pecten*, *S. expansa*, *Leptaena sericea*, and *Murchisonia gyrogonia*. This is an association quite common. But along with these occurs *Diplograpsus teretiusculus*, a form hitherto unknown higher than the Upper Llandeilo; and of which Mr. Salter says, "is a characteristic Llandeilo species never falling, as I believe, below or rising above that formation" (Appendix to Memoirs of Geol. Survey, vol. iii. page 330).

Double graptolites have also been met with in the Lake country, in the Coniston flags of Broughton Moor strata, which are probably near the horizon of those of the Haverfordwest Gas-works. I am not, however, aware that *D. teretiusculus* has been found here; careful looking may very probably discover it.

Yours truly, ROBERT HARKNESS.

QUEEN'S COLLEGE, CORK,  
9th May, 1867.