

stratified rocks above, indurating the latter, but not contorting them.

The next evening meeting of the Society will be held on November 11th.

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CORRESPONDENCE.

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ON THE STRATA, NEAR ELY.

SIR,—Mr. Seeley's humorous communication in your August Number, p. 347, has called attention to a paper which I read at Cambridge more than eighteen months ago, but which has only quite lately been printed. Thinking any interest it might have had would have passed away, I have hitherto sent out no copies of it, but I now enclose one to you.<sup>1</sup>

It is fortunate for Cambridge men that they have so near them a section on which differences of opinion may exist; and, if ever the old system of the schools should be revived, a lively disputation might be held in excellent dog-latin on Roswell pit, at Ely.

This is one of those cases where any one who wishes to form an opinion must go and see for himself. Mr. Seeley and his class of students may come to one conclusion, and other observers may surely differ from them without offence.

O. FISHER.

HARLTON, CAMBRIDGE,  
4th August, 1868.

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THE CHALK OF ANTRIM.

Sir,—It will no doubt be a source of much pleasure to many of your readers to find my friend Professor Jukes entering an appearance at last for the geology of the North of Ireland, and giving us the first instalment, as he did, upon a subject of great interest in your last number. I have no fear but that, in his hands, and those of Mr. Du Noyer, the subject will be exhausted.

Permit me, however, as an observer here to say a word, and ask for some little more light before we abandon, or even finally adopt, the received theory upon the subject of Professor Jukes's article. The phenomena alluded to are seen near this place, where the white limestone occurs with the basalt of Benyvenagh, etc., near the mouth of the Foyle. Now I do think that the concentric coloured bands of the flints may hereafter admit of some better explanation than that of the action of heat, but I object to the deduction of Professor Jukes from the observed facts.

He argues that the basalt (4 in his diagram) could not have indurated the limestone without altering the lignite and clay, and he quotes in the P.S. an experiment, showing that the lignite was so volatile, when treated with red heat in a platinum capsule, as to lose 75.8 per cent. of its weight.

<sup>1</sup> We have reprinted it at p. 407 of the present Number, so that our readers have now the entire case before them as it stands.—EDIT.