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Great Western Hotel
PaddingtonLogan
Sept/64

London 24 Sept 1864

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My dear Dr Jackson

Cosoon Canadense has been launched with very fair success at the meeting of the British Association. The first thing I did on reaching London was to call on Dr Carpenter, but I found that he was out of town & would not return until the end of September. He had gone to Bayez. I wrote to him at Bayez in the beginning of September offering to carry our materials to Bayez for his inspection previous to the meeting of the British Association.

I had a reply from him in which he stated that the day after the receipt of my letter (the 5th Sept I think) he was to start for Belfast to work out with his friend Mr Thompson the subject of Comatula & that he would not be in London before the end of the month.

Thus I have not yet had the advantage of his opinion. Sir Charles Lyell recommended me if I could not see Carpenter to go to Rupert Jones, whose authority, on the subject of Torax ^{Comatula} ifera, he seemed to consider not inferior to that of Carpenter.

I spent a day with Mr. Pebody, who resides at York town, Farmboro', in the immediate vicinity of the Royal Military College of which he is a professor. He read over your paper with care, and examined all the specimens with a good microscope. He seemed to coincide with you entirely, except that he was disposed to compare the structure of the Dorsom with that of Polytrima rather than Carpenteria. He had no doubt whatever that the forms were organic, & this in so far as Sir Charles was interested, was the great point. He wrote to Sir C. communicating what his impressions were, & I know that this communication took a world of anxiety from off his ^{poor} mind. For before he received it he had so far fixed what he was to say in his address as to print it. He did not doubt you, but he wished to have your palaeontological views confirmed by a better authority than what he considered his own.

Before the paper was read at the association I hired a good microscope and took an opportunity of showing the specimens to Saltus. He told me that not long ago he had given a lecture in which he had rather "pook-pooked" on Laurentian

fossil; but that the evidence submitted to him
 now was most startling, & he seemed quite
 perplexed to come to a conclusion, at one
 moment saying that the bundles of tubuli must
 be organic or at the next that they might be
 crystal. In the discussion at the meeting when
 the paper was read, he appeared to be in the
 same condition of perplexity, but on the whole
 he was considered a sceptic. His chief argument
 was that in the section represented by figure A
 (that in which the best bundle of tubes is mag =
 magnified 100 times) the tubes appear to taper
 to a point, & that they did so ^{probably} even more in the
 original specimen as seen through the microscope,
 than they did in the drawing. But I explained to
 the meeting that it would be seen from the
 drawing (of which I ^{showed on the wall} had a diagram in which
 the drawing was multiplied by 10) from the fact
 that it represented a very thin slice, that as some
 of the tubes were cut at right angles to their length
 & then appeared as perfect circles, so others were
 cut obliquely as they gradually ascended or descended
 out of the planes of the slice, and that an oblique
 section of a tube would of course ~~terminate~~
 be tapering & terminate in a tube point.

a great amount of interest is felt on
 the subject of Lozoon & I have had no end

of applications for small pox fit. But I shall give none ~~away~~ until Dr Carpenter has returned to London & gone through his examination. So by some dry needle intended & I shall give him specimens when the time comes. Before the paper was read I gave him an opportunity of seeing the best bundle of tubuli through his own microscope. He examined himself very cautiously but not adversely. Before examination he said he was sceptical; but after it he said the evidence was stronger than he had anticipated; that the tubuli had a very organic aspect, but that crystals sometimes assumed such extraordinary shapes that he would like to extend his examination to a great number of specimens & to conduct ~~them~~ ^{it} with more care, using a more powerful object glass than he had with him.

Yours truly W. E. Logan

The Medal is in Myors hands. Myors is drinking at Newtons head. intended for Mrs Wolsons medal. I saw the design in his room.