

24 Brownlow Road Dalston London N.E.

May 5<sup>th</sup> 1857. 113

My dear Sir,

I do not like to allow longer time to elapse before acknowledging your kindness in sending the introductions to Mr Morris & Mr Woodward and the copy of your paper on *Systicus tenuicollis*. The former will take the earliest opportunity of presenting the latter I like very much. I read the paper with very great interest - the decussating fibres - the true nature of the coospicles - the real form of the hooks - the bifid process of the short hooks, all are most accurately described, and it is much to be regretted that Rainey should have been unacquainted with them, or he might have been saved much valuable time spent in rediscoversing them.

But one of the great difficulties of the present day is to acquaint oneself with all that has been done by the earlier labourers in a similar field.

You are quite correct in your surmise as to the existence of special muscles for the motion of the hooks, and that they are inserted into the processes. Believe however it is not very easy to get a satisfactory view of them. Also as to the concentric and dipping fibres of the cups. The purpose you assume to be served by the cups is very curious, yet it really appears to be very probable. And lastly I am disposed to think you are right in your explanation of the "gemmarium". Rainey did not look for this in his examinations into the structure of cellulose, so that we cannot have his valuable testimony

as to its existence in this species or not. I mean to look into it myself when I can manage to find a little time. You will read his paper with very great interest - it is probable it will be in the next part of *Trans. of the Roy Soc Lond.*

In some I can say but little more about your borings. We had a Microscopic Society at the Apothecaries, Compy's Rooms, the latter end of April, to which I was fully prepared to consult Dr Carpenter about the curious structure of *Pecten orbicularis*; he was not there but next day (the ladies' day) was there heard in all his glory! You will see what he says about shell in his little book on the Microscope. I enclose a shell showing tubular structure very finely; it evidently belongs to one of the *Lerobratuloides* and was picked up from the beach at Forcé, Jersey - three years ago. I work at it whenever I can find or make a few minutes

leisure, and am quite hoping to be able  
to send you something more satisfactory  
shortly. My present intention in writing  
was simply that you might not think  
me forgetful or ungrateful in allowing  
your favor to remain so long unack-  
nowledged by me.

Yours sincerely

C. B. Rowe Esq

Jesse West

The M. Journ. with Mr. Dennis's paper  
came safely to hand - he has another  
that will interest you in the next  
part, on the rolled bones of the Crag.