

George  
Edinburgh Sept 22  
1870

Dear Papa,

I have always forgotten to ask you what you meant - me to do with the notice of the Luminosity - of the sea which you sent some time ago.

If Whites adds any names to my Forum list - it would need to be carefully done as it would be quite easy to add names which would only be synonyms & thus complicate it and doubt the result. He can't have got many kinds which have not been found, in all our samples about the coast, in October. About class arrangements for the winter, I have decided a philosophy wisely, about the laboratory



work for the first term. I to pay  
as much attention as may be, after  
the mineralogy is attended to to the  
Natural History, the course of 80 lectures  
on this subject being finished by  
X mass. I intend however to  
keep my Chemistry up by attending  
the Chemistry lectures again, though  
of course without taking notes.

That will also give me reason to  
leave the house at a certain time  
every morning & so prevent me  
from becoming lazy. The order  
will be, Chemistry from 10 to 11, at  
Oxford St, then two hours for lunch,  
& writing up notes in the Museum St  
Library. Mineralogy from 1 to 2.

Nat. Hist- from 2 to 3. The lectures  
do not begin till ~~about~~ the 10<sup>th</sup> of  
October, though the Laboratory does so  
on the 3<sup>rd</sup>. I will of course leave a  
few days ~~ago~~ before hand to get  
rested & prepared for work.



I wrote to Mrs. Brewster a few days ago  
telling her I intended to go back, &  
she replied, seeming to take it  
quite as a matter of course, after  
what you had said. So that had  
I made my arrangements to change  
I might have got into quite a  
disagreeable row.

Please excuse the irregularity with  
which I have sent "Nature" lately,  
but moving about as I have been  
& picking it up where it could be  
got. It has been rather difficult  
to keep it going rightly. This week  
will no doubt contain something  
about the British Association & if I  
can procure a copy in time for  
the mail I will send it.

In my tour Northward though  
keeping an eye for the rocks I  
did not succeed in seeing very  
much. At the top of Loch Lomond,  
Loch Katherine, & all that region there  
were nothing but highly metamorphic



rocks. They belong, I suppose to the  
Lower Silurian or Cambrian, but  
seem even more altered than  
our Laurentian. Pure quartz  
rocks instead of Quartzite. &  
very micaceous, thin laminated  
Gneiss'. Wrinkled & folded in  
every direction. Even small pieces  
of only a few inches across showing  
folds. At Callender the Silurian  
ought to begin according to the  
map; all that I could see was  
a very hard, rough, reddish  
conglomerate.

At Sterling the Castle rock is basaltic  
trap, in some places showing very good  
pillars and in composition exactly  
similar to that of Burin Island  
& Salisbury Crags.

With love to all

Believe me your affectionate

George P. Dawson

