

showing that they all move - the
said helms in let them in con-
sequence of Reading my paper.
I hope that proposed a method
of obtaining the source of error by
arranging two pendulums at some
in opposite directions.

I spoke on this subject &
showed the nature of the influ-
ence that our pendulum has on
another & explained the reasons
that such an influence would
not be a source of difficulty with
Faye's arrangement. I preferred
to leave to use the cover with a pen-
nel & spoke of on during the experi-
ment, the objection of a Ray of light
the wall showing whether any (abnormal
can occur during the work. You should
light to be constantly observed.
I hope you & Dr. Lewis (Deville & Lewis),
Every one speaks of my work as most
important was making an epoch
in pendulum work. I leave very
Monday the night work
with some to do

To Supt. Patterson
of Coast Survey, St. August 29. 77

Copied by
Mrs. B. B. B.

Dear Sir

Yesterday there was no
meeting of the Association
owing to the seas we in Bermuda.
Indeed the Meteorologists have made
the mistake of providing a list
of arrangements to which I encroach
upon business & even totally un-
necessary.

This morning after the Pre-
liminary business the Pres. read
your letter. The entire company
rose & the Pres. welcomed me to
the Association. I responded &
Thanking him in my own name
& that of the Coast Survey. After
the address several reports from

After our Committee had been read,

There are made the preliminary business of each sitting, two other sitting being over the whole time) the resolution subject was at once taken up & tho' out of turn - Prof. Bantow was Chairman of the Committee on that subject & I have been led to make in consequence of my presence - these experiments - have an extraordinary exactitude. The method is to cause the movement of the liquid to turn a white mirror in which a distant scale is seen through a telescope. In this way a magnifying power of 3000 is obtained. It is quite unnecessary to use a weight, the oscillation of the pendulum stop is sufficient. The friction

of the lens carrying the mirror has to be allowed for. These weights are used they are taken out & I reckon I shall do as long as time will - the resolution. The work of Mr. Bantow which I have examined in detail is very beautiful.

I planned Bantow's & gave an account of my work. I explained the construction that the method used by me was perfect by satisfactorily, that elasticity was not a objection for the Bantow has called it any more than any other. & the true has only to consider it as a noise according to which I have. He began by re-tracting unconditionally his former opinion on the subject & now gave details of his own experiments, especially on pillars for

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