

Thumby Cap à l'Aigle  
July 182 P. 2  
July 22 1882

My dear Sir

The cost of a  
"double-image micrometer"  
as given by Browning (of London)  
in his Catalogue is £ 8.10.0  
sterling - The makers,  
however, of the instruments  
used in 1874 by the British  
expeditions were Troughton &  
Simms - The cost, if  
made in the United States  
would, judging from the  
relative prices of Philosophical  
Apparatus be more than  
double. How much more  
I cannot say -

As regards the use of  
all the different teles copes

it may be well to quote the  
Astronomer Royal's words  
in answer to a question  
of mine concerning the  
propriety of having several  
stations. He says

"If you move the instruments  
"it would probably be better  
"to have several stations,  
"provided you can ensure  
"the determination of accurate  
"time (within an error  
"of less than half a second say)  
"or its communication from  
"Montreal by telegraph."

The letter was accompanied  
by plans & descriptions of tents  
to be used at outscar stations

It seems to me, then  
that if we can use only one

of the telescopes ourselves  
we ought to lend the  
others, & with any other spare  
instruments, (getting Mr  
Drummond's consent in  
the case of his 4 inch telescope)  
to any persons elsewhere  
in Canada who are  
willing and competent  
to use them with advantage.

A paragraph in the  
newspapers would  
probably catch the  
attention of any such  
persons.

And this should  
be done soon, for they  
would want time  
for "model" training  
either in Montreal, or



in Kingston, to which  
place, I understand  
from Mr McLeod, Mr  
Carpmael intends  
to move the "Model"  
after it has done its  
work at Montreal.

At the best Canada  
cannot do very much  
on the coming occasion  
and it would be well  
therefore, I think, that  
every available instrument  
should have a chance  
of employment.

Yours very truly  
Alexander Dawson

Principal Dawson. L.D. 7/15  
5