

Here and There
Kirk Stile
Cockermouth
16/3/73

My dear Dawson.

Your letter was
a most welcome sight to
me in my solitude here at
the lower end of Cummuck.
I heard of you lately from Lady
Lyell, on the day of Hughes's elec-
tion to the Woodwardian Professor-
ship, and was delighted to
find your merits were being
appreciated by your countrymen.
Capital for you having a regu-
lar course of lectures to give.
I take every opportunity I

can of practising on various
audiences, having given 7
lectures at different places
this winter, and there are
more yet to come. I
congratulate you most heartily
on the appointment of
"Naturalist", an expedition
of that kind is such a
starter in scientific ^{life} at least
as it seems to have been
to very many men. I shall
look forward much to your
reports. Don't let the botany
take you off too much
from the geology.

What ever is a Boree (?); no
no, I see, curika, its Boreas.
I also have snow around
me here, and a cold wind,
but the thermometer makes
shorter excursions than
does yours, though they are
pretty frequent; ah! what
a blessing it is to have an
insular climate, no tame
mountain. I fear Tribner
must have neglected send-
ing you a copy of my book,
as soon as I get back
to Kenrick I will send
one off myself, and if in

The mean time a copy should
have arrived, why use the
second one for drawing paper
or give it to some N.A. Indian
in the Red River Settlement.

All my reviews have been
very favourable except the
Lukerournd one in "Nature"
that you have seen -

I am trying to finish up
what remains to be done
on the western side of 101 S.E.,
and in April and May I
shall complete the Allroater
District. Already I have
sent the proof of the greater
part of the sheet to Southamp-

Tom, and shall add the rest when the first engraved proof turns up. I only think, Ramsay won't let the work be engraved on the contour line, but will have it on that deep black shaded abominable good-for-nothing map, and all because these always have been used (when there were no contour maps in existence). Mind when you become Director-General of Canada or D. N. A. you don't throw ice-cold water on the work of your

subordinates. It's so very hard
so very. What's the use of doing
minute work if it can't
be seen or made available,
and making elaborate blank
maps to be shut up in
a black hole in Jeremy
St, never to see the sun
again till the N. A. Indian
Macaulay talked about
makes use of them to
light his camp fire on
the ruins of London Bridge.
Can't you get me a
Commission to survey ~~the~~
~~Survey~~ British Columbia

So that we might shake
hands over the Summit
of Mt. Hooker, for I'm begin-
ning to think that there
are other fine countries
in the world besides Eng-
land, though England may
be the best.

I shan't send this till I
return to Kerwick, as no
persons in these parts ever
heard of a little country
called Canada. My folks
are all well; my Father
better than ever. I am
thankful to day, so much

So that he gave a public
 lecture this winter. Hope
 your people are all as well
 as you could wish. I am
 looking forward to reading
 your Father's new book on
 "The Earth and Man"; just
 now I am indulging in
 Prescott's Conquest of Mexico.
 I may add to this, or I may
 not, in the meantime

Ever believe me

Yours very truly

J. Clifton Ward

Always address Greta Dank Cottage
 and do it as often as you like

March 19th

Another little yarn I will
give you. My evening paper
(May 29th) at the Geology Soc.
on Lake-district glaciation
is absorbing much of my at-
tention. I shouldn't wonder if
the Survey papers cut it
down however, if so, I shall
plunge headlong from a
roche moutonnée into an
ice-scraped (?) lake. Facts
accumulate daily, and my
glacial map is a stunner
to look at now I saw a pure
you - as if the arms of N.W.
Indians had shot blood-
stained arrows in every

direction from the principal watershed. My main conclusions are these,

1. No ice-sheet from the north ever made a clean sweep over my mountains
2. If there was such an ice-sheet it was politely ~~kept~~ ^{held} off the District by ~~the~~ ^(the District's) its own confluent glacier sheet
3. This confluent glacier sheet moved off from the central and highest part of the District along the main valleys, but frequently
4. The cold almost entirely disappeared before the submergence commenced.
5. When submergence had reached about 800 ft., the cold slowly returned, and an era of floating ice

Came on.

6. The submergence was certainly as much as 1500 ft., and almost certainly as much as 2000 ft.

7. When the land was completely re-elevated, there were only local glaciers, and no great blending of the various glacier systems as before.

You will ask, how about 7 & 5? Well, thus - There are mounds of sand and gravel between 300 & 800 ft. containing no large boulders but having much upon them - These mounds occur at valley ends formed by currents, &c. &c. They must either have been formed as the land was going down or coming up between 300 and 800 ft. If as the land was coming up, since the ab-

sence of boulders within the mounds
 implies an absence of floating ice,
 where did the boulders upon the
 mounds come? Must have been
 left by the second set of glaciers,
 but then could a glacier overlap
 or shove against a mound of
 stratified sand without muddling
 it? I know not, ∴ the Dr. upon
 were not left by glaciers, and we
 have seen that they could not have
 been left by floating ice, so on this
 supposition they've no right to be
 there at all; but they are there: the
 supposition is false -

But, suppose the mounds
 formed as the land went down,
 at first during a mild ~~era~~
 era; afterwards cold came on
 again and Dr. were dropped upon.

You must excuse this
after-dinner glacial discourse,
you know, if you were only where
you ought to be you'd be play-
ing bezique with me here.
I don't think of those jolly backer
less days, before I had all
the cares of a family upon
me. I've got leave or
a qualified leave to make
a series of clean copies of my
brink maps, have them all
mounted into one at my
own expense - so kind of them -
and present the maps to
the Kenrick Library. They give
me leave also to do it in
my own leisure time, out

of Surrey hours - they are so kind. - Also I mean to present with the maps a complete series of rock specimens illustrating it.

But you will be tired of this dreadfully long scrawl so once more goodbye and may things in general smile on you.

Loznd, what a long letter it is, when I come to number the pages.

This next Quart. Journal of Science will contain an article by your humble servant on
 "Coral Reefs and the Glacial Period"
 highly incongruous things, you will say.

Last addition 24/3/73.

I send by this post a copy
of my book - Got home
on Saturday - Plenty to
do, little time to do it
in - Farewell

All my people, Shorleys
and all, beg to be
kindly remembered to you
and send congratulations -

Sept 20th 1875
Dear Mr. [unclear]
I have just received
your letter of the 17th
and am glad to hear
that you are well
I am
Yours truly
[unclear]

I am
Yours truly
[unclear]