

Charlotte Waters
26th March '97

Dear Professor

Your trip to the Black
Spurs must have been a very pleasant
one, altho' unless you have the faculty
of living in the Present only, it must
have been somewhat marred by the thoughts
of those coming lectures.

The photos you sent are perfect and
show the unconformability of the Desert Limestone
and the variation in dip of the underlying
rock very distinctly.

David's confirmation of your opinion about
the glacial markings should put their
familiarity beyond question, and no doubt
further traces of ice action will be found
among the adjacent hills, and northward
on the course of the Finks. With
reference

referred to the Yellow Cliff Sandstone. As to the
it occurs in fractures and not so thin
bedded as the Sandstone was examined under
the Crown, it agrees well with the Yellow
Sandstone lower down in the Lewis, and it
certainly doesn't resemble an ordinary river
deposited any more than the Sandstone
underlying Brown Point - That, if I
remember aright, says that the discon-
tinued mass of land and gravel before
it "forming low hills bordering the river
about four miles south", and locally
he ascribed the "Berastings" to the
fringing together of such masses under
great lateral pressures; but, apart
from the improbability of the discon-
in that case the embedded Stones would
be scattered, and apparently they are
not. I was procured some of the smaller
embedded Stones from Yellow Cliff and
I am sending them to you by this mail

A Leaflet a Leaflet a Leaflet during the winter
I will examine the hills to the N. & W.
of the Crown carefully. Lewis holds
to go westward up the Little until the
older rocks appear, but an afraid
the trap would take too long.
Brown has made a new direction in
his latest map. The table top he marks
"Upper Cambrian or Terhary", the clayed
as "Lower Cambrian", and the Superior
quartzites of the James and Cornucopia
ranges as "Jurassic"! The contact
and of both ranges, and the range
four miles south of other Springs are
marked "Cambrian" and the Lewis
Silurian is shown as almost completely
covered by newer formations along a line
from Brown Point to other Springs
via the Stoughton Cornucopia. The
four Cambrian fossils at Alexander,
A. S. of Powell's C. H., and beyond this
Cambrian

Cambrian classification of the lower
beds of the N. W. James, Dorameina
Ranges on lithological resemblances
to other Cambrian areas. I think
there can be little doubt that Tate
was wrong in laying the Dorameina
Quartzites and Sandstones overlaid the
limestone conformably, but whether Brown
is right in assigning a Cambrian age
to the latter seems an open question.
Cylmann says he found lower Silurian
fossils South of Alice Springs, but
I haven't heard in what localities or
formations. It seems to me that they
don't exactly know where they are, and
the only way of settling the matter is
to make a detailed Survey such as
you suggest.

I have not heard from Brown about
the fossils I sent him, but he is
evidently doubtful about *Crocera*

or he would have had more Positives about the Upper Cretaceous.

Minckler did not favor me with a letter last mail, but I noticed several copies of the Journal going through. His using the Photos came as a surprise but I suppose it is, as you say, that Minckler is not quite himself when having to do with Horn.

Cook is right about Aglmann being a close observer. He certainly kept his eyes about him between here and Oodnadatta, as he noticed everything even to "ze croostat vick swim on his back" (apura), and the obelisk tombs. but I don't see how he can do really valuable work without collecting specimens - unless his notes and drawings are exhaustive.

The Whal Fortuna has crashed and been found wanting. The result being
slightly

slightly over 4 aunts per ton just about
paid for half the crushing expenses, and
as eighty tons of what I presume is
similar stone cost us \$2,20 for raising
and I decided to sell out and did
so for \$3. The other Springs people
are still enthusiastic, but it is a
tempered enthusiasm as the amount
got for my other Brown

large quantity of the Chulunga trucking
is still at Oodhaletta, and it will
be at least six months before it is
erected and ready for crushing.

By that time the Government will
have expended about 7000, and
the cheerful inhabitants will have
come to the conclusion that it was
Ray to raise stone unless they get
a bonus of 50 much per ton.
There is food in the country, but I'm
afraid Managers' Miners will

have to be imported, before it can be
made Ray.

The Pontiff was enthusiastic over the
Federal Election and was pretty drugged
that the majority of his Lane Cultists
did not support amongst the Choan. I
think Kingston will achieve notoriety at
the Convention, as without being exceptional,
clever, he possesses a good deal of cunning,
and he will probably wait until the
majority of the Speakers have expressed
their views, and then come in with a

carefully prepared speech which will
break the hearts of the Liberals, and
at the same time look the Imperialists
by referring to the "Lithen Lords" and
the play that has brewed the battle
and the tragedy. "Solomon is, I think,
our best all round man no inferior
as a Speaker to Gordon who should
divide the honors with Stanton & Peck

Presented to the
Hon. J. P. P.

But the whole affair is vanity & humbug,
and they were all "on their own".
As usual we missed the rain altho they
had a good fall at their Springs & Adirondack
The two points we had here did not entice
the moles out, but I have secured specimens
of *Cremia* and *P. minor*. The latter
appears a full grown male, but the compound
might neglect offering him, and he is
reminiscent of *Wick's Patience* & *Snake*.

My side is quite well again and I
don't think I ever felt in better form
altho a little depressed at present
tho' having had an overdose of Maria
Cocelli. Even the consolation of finding
that the Devil was a milk & water
brand did not compensate for her
treatment of Huxley (?) in "The Mighty
Atom".

Hoping that you are quite well and
that Mr. Spencer has had a safe and
pleasant trip. I am
Yours ever sincerely
P. M. Burns

Professor W. B. Peckham