

May 8/77

4) I also go with you in the matter of the influences of Davies' Fluviatil Epoch & Zemach Epoch. By the way did not Neppelhorst find ~~influence of~~ <sup>cases of</sup> Marine ~~Neppelhorst~~ found ~~influence of~~ <sup>cases of</sup> ~~Marine~~  
Fluvial somewhere in Great Lakes - which  
if so would come in with our varieties of  
The Fluvial Epoch.

5) Of course I agree that Misevica of Greenland & St. Eustache were not contemporaneous. F. Fabre was the first to insist on the erroneousness of the assumption that identity of organisms in far distant localities implied contemporaneity - & I have somewhere written on this - but I cannot find where.

No much for agreements, my "Cheval de bataille" is not yours to be overridden & made a "horse de combat" of yours - now for differences.

1) Of course the later glaciations of the Western half will be accounted for its superabundance of coniferous, but it will be marvellous to prove it. - for the California Larches are a very late &

Dear Prof. Your of April received & much welcome. This moment concluded my due relation of life for the prope... I shall send you a leave for yet another yr may want for the other taken on Staten Is for 1st slave & the matter of composition you need here.

Mr. Keckley is here but pretty well - Mr. Webb over to New & here for us. a grand

I shall be invited to the James again.

As to Cupressus mac-

are two distinct things so called been  
more different by far than the was  
of Cypraea incertata.

1. C. Lambertiæ, ~~of Munzum~~ - our blank of  
Cypræa porch - with short trunk.  
much branched, with spreading tabular  
branches, & very large fruits.

2. C. macrocarpa ~~Hartw.~~ - an erect plant,  
with far smaller folios, &c. more  
slender branches, & smaller fruits.

Which of them should be called which  
do not say. but I assume that  
Hartw's plant "see Simon (arne  
prior Monterey" in the Cypræa porch  
are, & if so it is the robust our  
called Lambertiæ in gardens.

Jordan identifies his Lambertiæ  
with Hartw's macrocarpa, but there  
is no evidence of their being the same,  
<sup>that</sup> offering for the same place - he  
says indeed (Nineteen Ed. p. 82. i  
just note) that his slender Lambertiæ  
were when young neck-like macrocarpa;  
but that is the point of the short note.

young Macrocarpa in  
removed, it appears to  
of Lambertiæ - looks  
to habit, but not in  
size of fruit.  
We did hear at S. Fr.  
about Cypræa & the  
Monterey. can the straw  
We have both growing  
trees of both at present  
days as <sup>to look at</sup> very difficult  
the eggs too, varieties, or rather  
the tree that requires  
forth a lot more figure  
bitter leaves ~~and~~ <sup>for</sup> the  
worship as sleeper! -  
Now let us come to  
about glaciaries &c -  
we agree to.

1. We along with you on the  
site (not necessarily virgin)  
trunk. Here before glacier
2. ~~the~~ <sup>the</sup> trees later small
3. We go back to that re  
gular region for the d  
the parts of the Sierra.  
(the tree grows will m

grey Web we can grow double the  
number of Japan plants that we can  
& part we grow nearly all - will  
Acacia stand with us? - or Vitis  
candida? or the Cusqueña?

From the conclusion I am greatly sure  
that my War horse will above itself  
be an able & become familiar with  
the prairies - & for goodness sake  
take care how you travel too much  
or climate -

You are far ahead of me - your  
just conclusion on the N. Am. Flora. & your  
Japan Spec is the first really good  
allowance I. Bat. Gray. since Humboldt's  
isothemal ~~and~~ I have called it in  
my Lecture, "the most striking satisfactory  
special contribution to the science of Bot.  
" "Frog" that is known to me" - the  
most <sup>so</sup> far I consider you ~~and~~ stand  
behind you - we must now both  
dismount & drive over horses to the  
end of the goal. in one & seated carriage  
to be prepared  
I must go now & hardening  
work. B. Hooker

Austin & Mexican types  
in very strong, that would  
invade the country from  
Mexico but as  
the ice disappeared;  
1. In valleys, & then more  
you could not find more  
most <sup>most</sup> of these and spread  
to govern of my theory  
2. I cannot conceive  
outpost having any effect  
area such as we have  
with - I hoped you  
that assumption &  
allied to it -  
will an area extending  
Prairies & the Pacific  
3 Before attacking the  
No deciduous trees in  
of course rare, yet  
1) that they but for  
have been there 2)  
countries there is no  
there two conditions of  
was it appear to me



Hooker, Joseph Dalton. 1878. "Hooker, Joseph D. May 8, 1878." *Joseph Dalton Hooker letters to Asa Gray, 1873-1890*

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