

Columbus O Nov. 6. 1848.

Prof S. W. Dawson.

My best thanks for the communication of that specimen of *Alingens*, a remarkable species, which has no relative whatever to *Al. macrophylla* Nutt. It may be *Al. maxima*, Andrews. but I can say nothing as Prof A. could not find the specimens. I shall return your specimen this week with the plates of the *Porcites*. I believe that the engraver may spare for me the corrected copy of the proof and therefore these plates may be kept with you as long as desirable to you.

Please to believe that I did not mention the Tertiary or the Pliocene flora as ~~new~~ communication meriting thanks or acknowledgements in the least. I did it only as an answer to your request in a former letter, to send you all my publications.

On the Cretaceous or tertiary age of Wancowen I can say nothing but from the few poor specimens collected by Prof. Warr among which there were a number representing *Galn* (*Sabalite*) and *Cinnamomum*, I had to



consider and report them as Tertiary.  
What you say of the modifications of climate  
during the prevalence of the Cretaceous is perfectly  
right. The plants of the upper Cretaceous of New  
Jersey have scarcely any relation to those of  
the lower, there being one identical species only  
among the specimens which I have examined.  
The lower formation is by its plants that of  
the Dakota group, the upper one has yet without  
analogy with any of the Tertiary. But it  
may be also that in a country where the  
strata are so much overturned and distorted  
by upheavals and volcanic agency there are  
some places where tertiary deposits have  
been as at Golden turned in vertical line or  
upside down so that their relation to the  
stratification is not clearly recognized. Any  
how there is in the plants of the Great <sup>Co. range</sup> ~~range~~  
as known until now a uniformity of general  
character which has to be considered in reference  
to the age of the formation. Perhaps as Dana  
supposed it the whole <sup>is</sup> either Cretaceous or tertiary.  
The difference in the character of the Carbon coal  
measures, truly Miocene, is against this opinion.

and in favor of you!

Thanking you again for the communication of the specimen, I remain

Sincerely yours

S. Siquereux

I will mail the specimen into the package of the plates.



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*Serquene*  
*Map 48*