

liman's Journal, were not so absurd after all, and I gave to the article published in the *Bibliothèque Universelle de Genève*, Juin 1858 (*Notes pour servir à une description géologique des Montagnes Rocheuses*) a direction showing that change in your opinions, believing candidly that such was the meaning of your message. From subsequent letters it appears this was not the case, and now it is my duty to give a few words of explanation, that no mistake may arise from what has occurred.

In your letter dated Washington May 30th 1858 you say: «I hope you will permit me respectfully to suggest, that I cannot agree with you in your conclusions respecting the Pyramid Mount section (see: *Geology of North America*, p. 18). By this I mean to say, that I regard all the beds of that section down at least to A. as *Cretaceous*. The beds below may be Jurassic or Triassic, though I know of no evidence that they are so. Notwithstanding the high authorities you have for regarding the *Gryphæa* and *Ostrea* found at Pyramid Mount as *G. dilatata* and *O. Marshii*, I feel quite confident from collections shown to me from the South West, that these fossils are at some places associated with well marked Cretaceous forms; while numerous facts point to the conclusion that the bed from which you obtained these fossils at Pyramid Mount, is equivalent to N^o 2 of our Nebraska section, in which we find *Baculites* and other Cretaceous fossils. In addition to this, all the facts in our possession respecting the rocks in Kansas and south to the Arkansas river, point directly to the conclusion that the sandstones of our N^o 1 in Nebraska, in which the leaves already mentioned occur, are represented by the beds B., C., and D. of your Pyramid Mount section; while the beds from which Dr. Hayden obtained the Jurassic fossils near the Black Hills hold a position *far beneath these.*»

I respect your opinion, gentlemen, but I beg you to allow me to continue to regard my observations and conclusions as *exact*. I would also say that I do not understand the value of the following phrase in a note to your memoir entitled: *Descriptions of New organic remains*, collected in Nebraska Territory