

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

WASHINGTON, D. C. May 6, 1897.

Prof. O. C. Marsh,
Yale College,
New Haven, Conn.

Dear Professor Marsh:

My present field of work of the U. S. Geological Survey is now in central and western Nebraska, where, among other things, I shall have to classify the younger Tertiary formations.

I am anxious to have the views of the vertebrate paleontologists in regard to the relations of stratigraphy to faunal succession in that region, and have planned to confer with some of those who have studied its paleontology. ~~of that region.~~ Professor W. B. Scott has kindly offered to talk over the matter with me, and I now wish to inquire whether you can give me information if I visit you in New Haven at an early date.

Yours with respect,

N. H. Darton

Assistant Geologist.

Darton, May 8 97
Ans May 8

E. C. - D.

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

WASHINGTON, D. C.

December 16, 1898.

Prof. O. C. Marsh,
New Haven,
Connecticut.

Dear Professor:

You were very thoughtful to send me your separates on the Jurassic and I thank you heartily for them.

During the past summer I have paid much attention to the details of stratigraphy of the Jurassic and associated formations in the southeastern portion of the Black Hills area of which I will give an account to the Geological Society of America, at the New York meeting this month. I hope I may have the pleasure of seeing you there. My most interesting discoveries were fossil fish in the basal Jurassic beds and a new horizon of very large bones considerably above the horizon of the clays yielding the Alantosaurus fauna at Piedmont. I secured about a half ton of these bones and they are now on route to Washington. Their horizon is approximately the same as the one yielding the fossil cycads west of Hot Springs and from Blackhawk northward.

I also made various discoveries of fossils in the Paleozoic rocks, including some good estheria in the Purple limestone which has never before yielded any fossils that were likely to throw light on the ^{age of the} formation.

With best wishes for your good health,

Truly yours,

N. H. Darton

P.S. I will soon have some good Badland photos. to send you.

E.C. - D.

DEPARTMENT OF THE INTERIOR
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WASHINGTON, D. C. January 28, 1899.

Prof. O. C. Marsh,

New Haven, Connecticut.

Dear Prof. Marsh:

Your letter was duly received and I also have the bound copy of your memoir on the North American Dinosaur, for which I thank you heartily. I am sure it will prove useful in my Western work.

The Buffalo Gap fossils have been packed and shipped to you. I suppose by this time they have arrived in New Haven. I shall be greatly interested to obtain your views in regard to the horizon indicated by these Buffalo Gap remains.

I have written to Mr. Roush to hold himself available when you desire to have further collections made.

Progress has been made in the preparation of photographs for you and I expect to have them ready to forward soon.

Before leaving for the West this Spring I shall take advantage of your kind invitation to visit New Haven to learn more in regard to the fossils of the sort that I may expect to find in the Mesozoic formations.

If you desire to publish a notice of the material from Buffalo Gap I can at any time furnish a brief account of the geological relations at that locality to form a joint paper with you.

With regards,

Yours truly, *N. H. Darton*

Feb 7. 1899

Dear Prof Marsh:-

I have forwarded to you
today by express a package
containing the seven enlargements
from Nebraska and Dakota photographs
They have been colored with great
care in order to illustrate the precise
tints, and to simulate the western
atmosphere. I hope they will please
you. The cost of enlarging and
coloring is \$2 each or 14 in all.

The smaller prints will
be ready in the course of the next
ten days.

With regards
Yours truly

A. F. Dutton