Charleston S.C. May 27, 1869

Prof. Marsh,
Yale College New Haven. Dear Sir,

At the suggestion of my nephew, Henry T. Terry, of your College, I take great pleasure in forwarding to you by Express (Knight's) a small box containing a few specimens of my own Collection of the Phospho stone and fossils from the "Caution Rock" on the Ashley River.

These specimens were obtained on a beach near to a location 1/2 mile from Charleston, and four or five miles from Ashley. The labor, however, involved in their collection, as they were thrown out of the rock. At this spot the earth above the deposit is only one to two feet in depth, the rock being about 16 inches thick. The surface of the land is covered with a growth of heavy timber at each side, Pines principally, and descend towards a small
A letter from Mr. Reptilus

1. Crack or break, book as it is called, on the Nodule where the Nodule, deep out about 500 feet, was found mingled with the blacken mud, etc., and as I believe them, while the Speculae, are in great abundance as also below the bed of Phosphates. However, you are better acquainted with all this than I am. The Speculae, etc., are no 1. to the nodule of the Phosphate rock. The office in which I reside, thousands of them, etc.,

2. Part of a Specula. Some remains of bone that will feel better if you can get more information.


5. 7. & 8. Vertebrae. Some remains?


11. Part of foot.


14. Foot, with piece of jaw bone.

When I picked this up I thought it a tooth of a horse, subsequently to a cattle bone.

By all the opinion of others, seems now it is not.

So far I am unaware of its character.

15. 16. 17. 18. Thanks, Doctor. I hope to preserve

for your Speculum. Teeth of all kinds that are about 5 inches long. They are found but I do not possess one.


22. 23. This vertebra found in some

location — but apparently of later date than other fossils in those places, indicating

else it not? that the whole deposit was washed in at one time but a period not

as remote as, some suppose.

24. Cephalites. — If any of these are still to you, I shall be grateful & shall be pleased

to furnish other specimens, as I may find them, when of any special interest.

Mr. Reptilus

James H. Taylor
Charleston S. C., 1st October 1869

Prof. O. C. Marsh
Yale College, New Haven, Ct. Dear Sir,

I send you a second box of specimens, forest. These are from the bed of the Coopaw river about 15 miles from the city where there are thousands of tons of the Phenakite rocks. It seems to be bone-like. The color of the pieces are from the water. The light brown dusts out of the soil of the Bank. A bed of clay is in the parcel, taken from the river stream. The effect of salt water and sediment. I would like you to inform me what the specimen is that is, as white paper marked 'specimen,' and also what animal family was the happy owner of the long round piece, marked here.

Yours, Truly, H. Taylor

Expences paid
The "CAROLINA FERTILIZER" is made from the Phosphates of South Carolina, and is pronounced by various chemists, one of the best Manures known, only inferior to Peruvian Guano in its Fertilizing Properties. These Phosphates are the remains of extinct land and sea animals, and possess qualities of the greatest value to the agriculturist.

We annex the analysis of Professor Shepard.

*LABORATORY OF THE MEDICAL COLLEGE OF SOUTH CAROLINA.*

Analysis of a sample of CAROLINA FERTILIZER, personally selected.

<table>
<thead>
<tr>
<th>Component</th>
<th>%</th>
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<tbody>
<tr>
<td>Moisture expelled at 212°F</td>
<td>15.70</td>
</tr>
<tr>
<td>Organic Matter, with some water of combination expelled at a low red heat</td>
<td>16.50</td>
</tr>
<tr>
<td>Fixed Ingredients</td>
<td>66.88</td>
</tr>
<tr>
<td>Ammonia</td>
<td>2.60</td>
</tr>
<tr>
<td>Phosphoric Acid – Soluble</td>
<td>5.86</td>
</tr>
<tr>
<td>Insoluble</td>
<td>61.70</td>
</tr>
</tbody>
</table>

* Equivalent to 11.27 soluble Phosphate of Lime.

On the strength of these results I am glad to certify to the superiority of the CAROLINA FERTILIZER, examined.

C. U. SHEPARD, Jr.

We will furnish this excellent FERTILIZER to Planters and others at $60 per ton of 2,000 lbs.

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