June 22, 84

Dear Prof. Marsh,

A man named Boyden left $200,000 to encourage astronomical observation on high mountains. His Trustees (Mrs. Frances L. Russell) want to put their trust in other hand and consult me about it. They are shrinking of Harvard College but have heard the Academy suggested. Does it seem to you that the Academy would be the proper guardian of such a fund? It rather does so to me, but I do not care to interfere — if I could — to delude it away from Harvard and
I am not aware of the plans held by Dr. Gibbs of Cambridge who the Trustees have consulted and who is both an officer of Harvard and an older Academician than myself.

Yet it seems to me that the Academy is a very fit depository for such a trust. If you have any further opinion in the matter will you please let me hear from you by a note to me at the St. Botolph’s club in Boston (as the Trustees wish to see me again).

Yours very truly,

S. L. Lothrop

Prof. O. C. Marsh. (President of Academy)
New Haven
Conn
Checkley House
Scarborough Maine
July 27
1884

Dear Prof. Marsh

If I can be
of use on the Com-
mitee I shall be
pleased to serve.

Yours truly

S. B. Langley
Nov. 10, 1821

Dear Prof. Marsh,

As General, Ailey's suggestion I enclose your bill (of sixty-eight and thirty-five dollars) of my expenses on the late Commission.

Yours very truly,

T. R. Laning

M. H. A.
Dear Prof. Marsh,

Can you tell me whether it would do if I put in the Academy paper (on the Moon) by Dec. 15th? I ask because there is a full moon on Dec 2nd which I much want to observe before sending in the paper. I can send it by the 1st of that date if imperative.

Yours most truly,

S. Langley
Allegheen. Obs.  
[1884]  
Nov. 22

Dear Sir,

I should like to have the Boston paper on the Solar Lunar Spectrum in the Academy memoirs, but cannot complete the two drawings needed by Dec 31st next year. The MS is finished. Please advise me if you can publish in the 4th volume if they come next month. And much obliged.

Yours most truly,

Ed. Laughly

Professor Anahth Hall, U.S.

O. Marsh, Assoc Secretary,

Dept of Acad.
NATIONAL ACADEMY OF SCIENCES.

Members who have memoirs which they wish to publish in the fourth volume of the Academy, are requested to send them to the President, Prof. O. C. Marsh, before December 1st, 1886.

In order to avoid delays in printing, the manuscript of the memoir should be complete; and if illustrations are needed, the drawings should be furnished, and in such a form that an accurate estimate of the cost can be made.

The date of reading should be given with each memoir.

A. HALL,
Home Secretary.

November 18, 1886.
Dear Prof. Marsh

As nearly as I can reckon, the Memoir "On the Moon's Lunar Heat" will contain about 25,000 words and be accompanied by two plates, beside one or two vignettes.

Yours very truly,

S. P. Langley

Prof. O. C. Marsh
Pres. 3rd Academy of Sciences
New Haven
Conn.
Jan 1st 1885

Dear Professor Marsh,

I enclose an express receipt for a package containing MS and illustrations of Academy Articles.

Yours most truly,

J. P. Langley
March 6/83

Dear Prof. Dana,

The difference in amount of solar energy received during a cloudless sky and a state of medium cloudiness, varies enormously for different stations and latitudes. For the same station it will vary less if we consider the total solar energy (i.e. including that diffused from sky, reflected from cloud, etc.) than if we estimate only that direct.

Thus, considering the better case in two stations in the temperate zones, we have:

<table>
<thead>
<tr>
<th></th>
<th>Clear hours</th>
<th>Ratio</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>New York</td>
<td>.654</td>
<td>.344</td>
<td>1.000</td>
</tr>
<tr>
<td>Scranton</td>
<td>.250</td>
<td>.750</td>
<td>.1.000</td>
</tr>
</tbody>
</table>

and much greater discrepancies could be cited...
If we consider the allocation of indirect solar energy due to all sources (diffused from sky etc.) to that received direct, there is little doubt that taking the world over, the latter is at least as important as the former. There appear to be no data there for any but a very rough approximation to the average conditions the world over. I should answer these (with a caution that conjecture is here an unfortunately large factor. That the world over we probably have from direct sunlight, slightly more than from average clear skies.

From direct sunlight probably less than from average of all skies clear and cloudy.

From direct sunlight an enormously greater light than from that of a cloudy sky - at least less to me. Nothing this may be of any use Yours most truly

S P Langley
July 3d, 1885.

Prof. O. C. Marsh,
President of National Academy
Yale College, New Haven, Conn.

Dear Sir:

I find on my return your communication of Apr. 22.
It will give me pleasure to serve on the proposed committee.

I remain,
Yours Respectfully,

J. P. Langley
Jan. 13, 1886

My Dear Prof. Marsh,

I am much obliged by your congratulations; and I can assure you that the prospect of a residence among those who, like yourself, lead the scientific thought of the Country is not the least attraction of the position you refer to. Hoping very soon to see you in Washington,

Yours very truly,

S. E. L.}

[Signature]
March 23/86

Dear Professor Marsh,

Thank you for your kind notice about the medal. I shall be in Washington to receive it from your hands.

Most truly yours,

S.P. Langley
April 23 86

Dear Professor Marsh,

I understand some subordinate in the Coast Survey office has had the opportunity of speaking to Senator Randall and has given him the impression that several officers of the Survey—among them LT. Russell—are doing nothing worth...
Dear Professor Marsh,

You showed me in Washington some papers, connected with the Draper medal which you promised to give me later.

If it suit your convenience please send them to my enclosed (Hughes) address.

Most truly yours,

E. B. Langley
Dear Professor March,

Our late friend, Professor Baird, had it so much at heart (and I also since I have come to know him well) that Mr. E. Brown bore should be at least carefully considered as a candidate for election to the National Academy, that I have, with some hesitation, concluded to remind you that at the election of last year his name was not voted on at all, owing to its absence on the requisite number of preference ballots.

From my trust in the eminent opinion held of his scientific work by such a naturalist as Professor Baird, and from my own acquaintance with his work as an organizer of scientific methods of exposition in the National Museum, I am led to so far depart from a general rule of conduct in such
matter, as to express the hope that if your
preference list has not been already sent,
his name may be one of those considered
by you for it.

In any case, I need hardly
say that Mr. Goodes knows nothing of
this action.

Very sincerely yours,

S. Langley

Professor C. H. Mann
Yale College,
New Haven, Ct.
Washington, D.C., March 27th, 1888.

Dear Professor Marsh:

I learn, informally, that you have appointed me, together with Professor Bell, to verify the securities in the hands of the Treasurer, but I want to say, while thanking you for remembering me, that I expect to be very specially occupied during all the time of the Academy's session—so much so, that even to find the two or three hours time requisite for this would be difficult.

I will ask you, then, if you will kindly designate some other person for the duty on this occasion.

Yours cordially,

Professor O. C. Marsh,
President, National Academy of Sciences,
New Haven, Conn.

P.S. Since writing this, I get yours of the 24th, and will try to do what I can on the Committee of Arrangements.
My dear Professor Marsh:

Colonna, at the Coast Survey, wants to know whether the Academy would undertake to recommend a Superintendent to the President. I told him I doubted whether it would, unless its opinion were formally asked by the President in the first place; but that I would mention his inquiry to you.

Always very cordially yours,

Professor O.C. Marsh,
New Haven, Conn.
April 19, 1889

My dear Professor Marsh,

I was greatly pleased to learn of your reelection on Tuesday as President of the National Academy, but I heard with a mingled feeling of gratification and doubt of my own election, in my absence, as Vice-President.

Personally, and as a mark of the confidence and good will of my brother Scientists in science, it could not but be agreeable, while for other and personal reasons, it seemed to me that I ought not to accept it. Reflection has strengthened and confirmed the latter view, and I came down today to state to the Academy that for my regret, and
Washington, D.C., June 27th, 1889.

Professor O. C. Marsh,
President, National Academy of Sciences,
New Haven, Conn.

My dear Sir:

I beg leave to inclose a memoir on "Energy and Vision", read before the National Academy of Sciences April 19th, 1888, and to request that it may receive publication in due course, in the memoirs of the Academy.

Very respectfully yours,

S. P. Langley
Washington, D.C.,
April 7, 1890.

Dear Professor Marsh:

Immediately on receipt of your first letter, I wrote to the State Department inclosing it and asking that the medal be sent back by my special messenger; and the answer was returned that it was "all right" and would be attended to. No word having been received, I was preparing to write again when your telegram arrived. In reply to letters and telephone this morning, the State Department now says that it never had any medal. I hope their official letter which I am awaiting will explain the misunderstanding. I only desire that you shall be aware that there has been no neglect on my part.

Wednesday is the day fixed for such things, and I am extremely sorry to hear that the medal is not to be on hand. I shall send you a copy of the official letter.

Yours most truly,

[Signature]

Professor O.C. Marsh,
New Haven, Conn.
Washington, D.C., April 25, 1890.

Dear Professor Marsh:

The Draper medal arrives this morning from the Department of State, with the inclosed letter to you. I charge myself with seeing that Professor Rowland gets the medal.

Very cordially yours,

[Signature]

Vice President, National Academy of Sciences.

Professor O.C. Marsh,

President, National Academy of Sciences,

New Haven, Conn.
My dear Professor Marsh:

I have received from the Department of State the parcel described in the enclosed letter, and have deposited it in the safe of the Institution, where it awaits your order.

Please let me hear from you in regard to it, at your convenience.

Very sincerely yours,

[Signature]

Secretary.

Professor O.C. Marsh,

President, Nat'l Academy of Sciences,

New Haven, Conn.

(Enclosure.)
March 28, 1894.

Dear Professor Marsh:

As the Academy meets in the Museum, whose immediate charge I have delegated to Mr. Goode, (an Academician), I think that he had perhaps better be the Chairman of the Committee of Arrangements; or if for any reason you desire to have me be so, pro forma, it should be understood that Mr. Goode is willing to accept the practical
I expect to have a long paper on the infra-red spectrum, but I don't think I can contribute one on flying.

Very truly yours,

[Signature]

Professor O.C. Marsh,
President, National Academy Of Sciences,
New Haven, Conn.
March 31, 1894.

Dear Professor Hall:

I have told Professor Marsh that Mr. Goode, who has the immediate charge of the Museum, is the proper person to be Chairman of the Committee of Arrangements.

If Professor Marsh still wants me to occupy the nominal position of Chairman, I can only do so with this understanding on your part and on that of Mr. Goode.

Please let Lamly be nominal Ch. and Chas and this matter.
Will you be kind enough to consult him?

Very truly yours,

S. P. Langley

Professor A. Hall,
Home Secretary,
The National Academy
Of Sciences.

Washington, D. C.
Copy of the Secretary's letter regarding the use of the Smithsonian frank.  
Smithsonian Institution  
Washington, D.C., December 20, 1894.

Dear Sir:

Referring to a letter of Professor B.Y. Riley, Honorary Curator of Insects in the National Museum dated December 12, 1894, which brings up the question of the use of the Smithsonian frank, you will please observe that, while the frank may be used in mailing packages containing publications of the United States Governmen, its use must be restricted in mailing private papers to such as are understood to be sent upon official business, that is to say, when an inquiry is received by a member of the staff of the Institute, which is treated as official business, and to which a formal and official reply is sent out under frank, there is manifestly here no reason why printed matter which may be referred to in the correspondence, or may be needed to elucidate the correspondence, should not likewise be mailed under the franking privilege.

The use of the Smithsonian frank in the distribution of domestic exchanges has been restricted, under numerous decisions by me, to the immediate correspondents of the Institute in Washington, and while there were not a few exceptions to this rule some years ago, it is not now to be strictly observed.

The distribution of publications received from abroad through the Exchange Office under the Smithsonian frank is a well recognized use of the franking privilege granted to the Institution.

Very respectfully yours,  
(Signed) E. R. Lanphry,  
Secretary.
Yale University,
New Haven, Conn., October 19, 1898.

Dear Professor Langley,

The great loss to science in general, and especially to the Smithsonian Institution, by the death of Professor Goode, will make your task of selecting a successor one of great difficulty, and everyone who feels that loss as strongly as I do cannot help think of the problem before you in choosing his successor. After thinking over the qualifications of many, I now feel sure that, all things considered, the best man for the place would be Prof. Alpheus Hyatt, of Cambridge, Massachusetts.

MR. Hyatt I have long known intimately. He was a classmate of mine at Yale, but did not graduate. You doubtless know him and his interesting personal qualities, especially his sincerity and adaptability to those around him. He has a high place in science as a zoologist and geologist, and has done good work as an archaeologist. He is also an experienced teacher and lecturer. His strongest qualification, however, I should say is his administrative ability and his experience in museum management. In the latter he has few equals.

I have had no conference with him on this subject, and do not know if he would be willing to go to Washington. Certainly Cambridge and Boston would make an effort to retain him.

I have mentioned to Professors Brush and Dana my intention of writing you, and both join me in strongly recommending Mr. Hyatt as the
best man now in sight for the important position you have so soon to fill.

Sincerely yours,

P.W. Lapham
Oct 18th 1896
October 20, 1896

Dear Professor Marsh:

I am obliged by your letter of the nineteenth about Professor Hyatt, which will receive my very best consideration.

Very truly yours,

S. P. Langley
Secretary.

Professor O.C. Marsh,

New Haven, Conn.
Washington, February 4, 1897.

Professor O.C. Marsh,
Yale College,
New Haven, Connecticut.

Dear Professor Marsh:-

Mr. Lucas has told me of your willingness to permit us to make for the National Museum casts of the horn cores of your type specimens of Bison ferox and B. Alleni.

We shall be very glad to take advantage of the opportunity thus presented to render nearly complete our series of casts or specimens of the various fossil species of Bison.

The National Museum will pay the cost of transporting the horn cores both ways. The speci-
February 14, 1898.

Dear Sir:

I beg to transmit herewith a copy of a letter received from Mr. Horace Montford containing a proposition for the erection in the United States of a replica of his monument of Darwin, of which a photograph is also enclosed. I lay this matter before you and several other distinguished scientific men in this country, at his request, suggesting that you address Mr. Montford directly if you see fit.

Very respectfully yours,

[Signature]

Secretary.

Professor O.C. Marsh,

Yale University,

New Haven, Connecticut.
Copy.

S. Winders Road,
Battersea, S.W.

20th September 1897.

Dear Sir:

I am taking the liberty of sending you a photograph of my new Statue of Darwin, recently erected in Shrewsbury, his native place.

It has been suggested to me that American men of Science might be desirous of erecting a replica of the work in the States, and I now convey the suggestion to you, with the assurance that I should be very pleased to co-operate in any movement in that direction. I had the great advantage of the assistance of Mr. Francis Darwin and other members of the Family in the execution of the work, which has further received the commendation of such intimate friends of Darwin's as Sir Joseph Hooker, Lord Farrer, Mr. Francis Galton, and many others.

I send you also a report of the unveiling ceremony in case you should be interested, and a copy of Knowledge containing an alternative photograph of the Statue. Perhaps you will do me the favour to consider the practicability of the suggestion; and in any case I feel sure you will pardon my addressing you, as representing a great scientific institution, on a subject of interest to men of
science every where. It is not my intention to make the sugges-
tion elsewhere in the States, convinced that in writing you I am
taking the best course open to me. I therefore throw the project
even more on your personal interest in my subject than on the
well known sympathy of the American people with all advanced
conceptions, whether in Science or Art.

Renewing the assurance of my hearty co-operation, I am,

dear sir,

yours very faithfully,

(Signed) (Horace Montford).

To

Dr. S.P. Langley,

The Smithsonian Institution.