

4

Papers, November 1881

W. B. ROGERS  
MC\_1

BOSTON SOCIETY OF NATURAL HISTORY,  
Berkeley, cor. of Boylston St.

Boston, Nov. 1, 1891.

Prof. Wm B. Rogers:

My dear Professor—

The last time that I talked with you about the class in Mineralogy, as perhaps you may remember, I told you that, in view of what I should have to relinquish in order to do so, I could not take charge of the instruction in this Department, except on condition that my pay should be increased to \$1000.

With the understanding and expectation that my salary would be adjusted on that basis, I have gone to work; therefore you can

understand why, when the pay-roll came yesterday, I should have been surprised <sup>and</sup> disappointed to find that the Government has fixed my salary at \$800.

The class in Mineralogy is nearly twice as large as usual, and consequently the labor involved is very much greater even than I anticipated; and I realize more fully than before that \$200. is very inadequate pay for 90 hours of lectures, every hour of which involves at least two hours of preparatory work; and in justice to myself and wife I feel that I can not accept it.

~~The~~ From the class of teachers which I gave up to accept this course, I should have received \$400. possibly \$500. ~~at least~~ for 60 hours of easier work. I am exceedingly sorry, Professor, to trouble you so much about this matter, ~~but~~ and would not, but for the fact that the reduction of my income by \$200. is, for us, a very serious matter and will very materially mar our plans for the next year.

Very Respectfully Yours  
W. D. Brody.

and the other of the same name

Answer

Dear Sir, I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the above mentioned matter. I have the pleasure to inform you that the same has been forwarded to the proper authorities for their consideration. I am, Sir, very respectfully,  
Your obedient servant,  
Wm. D. Knapp

Boston 4 Nov '81

My dear Sir

Your kind letter of  
sympathy has given me great  
pleasure as was as my Mother  
& sister to whom I read it,  
and we thank you for your  
warm expressions of affection  
for my Father. I do persons know  
what he was & did so well as  
you & this gives by you tribute  
the greater value.

My Father's end was very  
peaceful & we could not have  
wished for him a longer life or

an easier release, but is hard  
to stifle the selfish feeling of  
of regret for the loss of one upon  
whose counsel & affection we have  
depended to an extent never  
fully appreciated until now.

I want to tell you, even if I  
may have done so at the time,  
how much pleasure you gave to  
my Father by your visit to him  
after my Mother's death. He spoke  
of it often & was very much gratified  
for he entertained for you great  
fondness & respect.

With renewed thanks, my dear  
Sir, believe me to be  
Your very sincerely

Boston  
4 Nov '81

Augustus Lowell.

188

200 Pine St

Phila. 11-7-1881

Secretary Natl. Ac-  
ademy of Sciences

Sir: I enclose  
copies of papers  
read by me at the  
meetings of the  
Natl. Academy of  
Sciences of Nov. 1880  
& April 1881. The  
Ms. of my paper  
for the meeting  
of Nov. 1881 not  
being ready, I

shall have to hand  
it to you at a  
later date.

Very truly yours  
E. D. Cope



What I have to say  
is to you  
but the state  
of my health  
is so poor

Naval Observatory,

Washington, D. C.,

Nov 1881

My Dear Sir

I see no  
Cause for changing  
the program for the  
discussion of the transit of  
Venus by a committee  
of the School Academy  
but on the contrary,  
every reason for adhering  
to it — I think as  
you suggested long ago  
Prof. Draper's name would  
be advantageously added

~~then~~ ~~that~~ — His knowledge  
and experience would be  
valuable to us —

You said you would  
be good enough to  
invite Harkness to meet  
the committee at the meeting  
he being one of the legal  
commission appointed as  
provided by Congress —

The superintendent of the  
Coast Survey Capt Patterson  
was also one of the legal  
tribut of Venus commission

Hilgard is de-facto now  
superintendent of the Coast  
Survey — but not de-jure,  
since he has not been nomi-  
nated to the senate and ~~not~~  
of course not confirmed in  
his office: in the doubt as  
to the proper course it  
may be best to ask him  
to act with the commission

Prof Hilgard I am led  
to believe will not act  
cordially with the structure  
but one must do as well  
as he can, and to invite

him in the present contingency  
I do not regard as absolutely  
his right; but only as the  
most expedient course  
under the circumstances

With my best regards  
to Mrs. Rogers

Very truly yours  
John Rogers

Boston Nov. 9. 1881

Dear Prof. Harkness.

At the request of the  
Superintendent of the Naval  
Observatory I appointed, some  
months ago, a committee  
consisting of members of the  
National Academy, to co-operate  
with the Old Com: on the  
re-arrangement of the  
Observatory,  
of which I understand you  
are a member, <sup>for the purpose of considering the preparations to be</sup> <sup>made for the re-arrangement of 1852,</sup> ~~and~~ It is  
desireable that the joint  
Committee should take the  
opportunity of the coming  
meeting of the Nat. Academy,

to Philadelphia to confer on &  
to discuss their preparatory  
arrangements for the ~~celebration~~  
by ~~the American Astronomers~~ of the  
Transit of 1882 -

<sup>the good</sup> I trust therefore that they <sup>will</sup>  
~~will~~ find it convenient to attend  
and participate in their  
deliberations & discussions;

in which I have no doubt ~~that~~  
<sup>many members of</sup>  
the Academy will be  
greatly interested?

The Session of the Academy  
will begin on Tuesday Nov. 15<sup>th</sup>  
& will probably occupy several  
days. The place of meeting

is in the University of Penn<sup>a</sup>.  
West Philadelphia. I take  
for granted that Admiral Rogers will  
be Pres<sup>id</sup> of the ~~the~~ Comm<sup>tee</sup> invited  
by ~~the~~ Congress. which has  
present - ~~and~~ ~~both~~

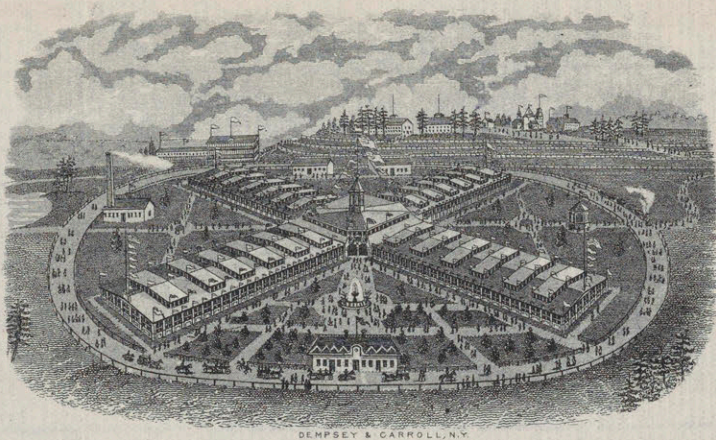
Hoping <sup>to</sup> I may see you  
at the ~~office~~ at the meeting in  
Phila. I am your faithful  
W. B. B.

Prof. Wm. Harkness U.S. Army  
Wash., D.C.

*[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]*

Gov. Alfred H. Colquitt,  
President.

H. J. Kimball,  
Director General.



Saml. M. Inman,  
Treasurer.

John W. Ryckman,  
Secretary.

## INTERNATIONAL COTTON EXPOSITION,

Office of the Director General

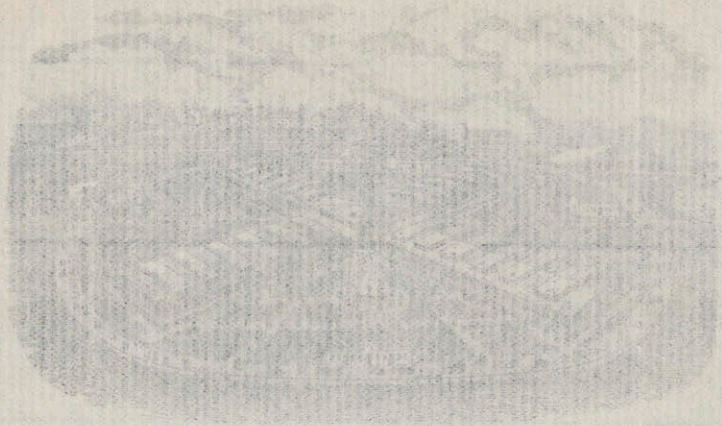
Exposition opens Oct. 5<sup>th</sup>  
closes Dec. 31<sup>st</sup>

Atlanta, Ga. Nov. 9, 1881

Dear Sir:-

On behalf of the Massachusetts Institute of Technology, of which I am a Director, where we have a very perfect Mining School and Mining Laboratory, including a stamp battery and separating pans in which we can treat ores by the ton, I suggest that each of you to whom this letter is addressed make up a package of specimens of new ores, of refractory ores or of other minerals the nature and value of which you would like to have determined; that you send these to my address in Boston. I will submit them to the Professor of Mining and he will select such specimens as he would like to have sent in quantity to serve the purposes of study. A full report of the analysis to be returned to you in each case. I believe that this may work to the mutual advantage of the school and of the railroads on whose lines the mines are to be found. I beg to add to this suggestion the only personal request which I may make, to wit, that you will each add to this collection a small package of ores or minerals for my boys who are studying Mineral-





*James W. Johnson  
John W. Johnson  
Secretary*

*W. J. Johnson  
Secretary*

*MASSACHUSETTS INSTITUTE OF TECHNOLOGY*

*Office of the Secretary*

*Nov. 9, 1887*

*W. J. Johnson*

*Secretary*

Dear Sir:-

On behalf of the Massachusetts Institute of Technology,  
of which I am a Director, where we have a very perfect Mining  
School and Mining Laboratory, including a stamp battery and sep-  
rating pans in which we can treat ores by the ton, I suggest that  
each of you to whom this letter is addressed make up a package  
of specimens of new ores, of refractory ores or of other minerals  
the nature and value of which you would like to have determined;  
that you send these to my address in Boston. I will submit them  
to the Professor of Mining and he will select such specimens as he  
would like to have sent in quantity to serve the purposes of study.  
A full report of the analysis to be returned to you in each case.  
I believe that this may work to the mutual advantage of the school  
and of the railroads on whose lines the mines are to be found. I  
beg to add to this suggestion the only personal request which I  
may make, to wit, that you will each add to this collection a small  
package of ores or minerals for my boys who are studying Mineral-

[11/9/1881]

2

ogy, being boys not yet much skilled in their work, they will value the things which are curious and interesting perhaps more than those which are useful and will perhaps be more proud of bits of gold and silver ore or of ruby corundum than they would be of the more useful substances.

Very truly yours

Edw. Atkinson



911 16<sup>th</sup> St. Washington: D.C.

Friday - November 11 - 1881.

Prof. W. B. Rogers.

Pres. Nat. Academy of Science.

Sir:

I take the liberty of addressing you in the hope that you will accept my object as a sufficient excuse.

It is to suggest in the interest of Science that the time of the transit of Venus may be much more satisfactorily ascertained automatically, by the combined use of instantaneous photography, clock-work, and Electricity, than by dependence upon the most practised hand and eye —

The photographs may be taken  
either on fixed plates or upon plates  
moving through a given space in a  
time dependent upon their sensitiveness.

I believe instantaneous impressions  
of transits, eclipses, &c., taken on  
moving plates may, in the near future,  
be made to give reliable measures  
of time much more minute than  
the thousandths of a second -

The clock-work is to set the  
plates in motion at the will of  
the operator; and to record  
chronometer time at brief intervals,  
by Electric Sparks or otherwise, upon  
their upper & lower face margins while

in motion -

It is also to record, at the will  
of the operator, the instant of the  
beginning and ending of each exposure  
of the plates (whether at rest or in  
motion) to the objects to be photographed -

I think full reliance may be  
placed upon the inventive and  
mechanical genius of our countrymen  
to surmount every obstacle to the  
practical application of these  
suggestions; and, as the time for  
the work to be done is limited, if  
they commend themselves to you as  
of scientific value, I would ask

That you will take Early measures  
to direct public attention to  
them; so that the instruments they  
will make necessary may be speedily  
devised and perfected -

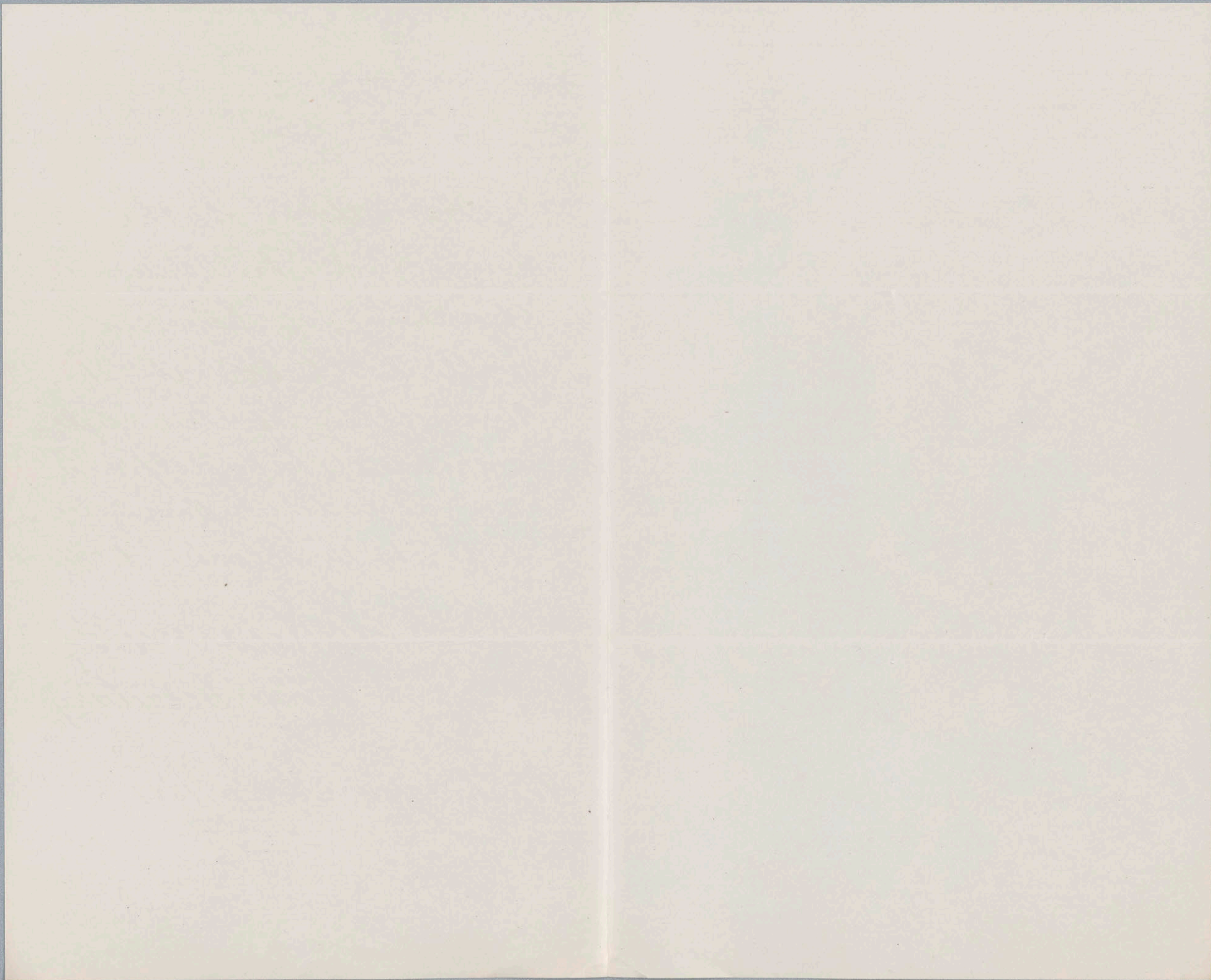
Respectfully, &c.,

Wm. Hogan

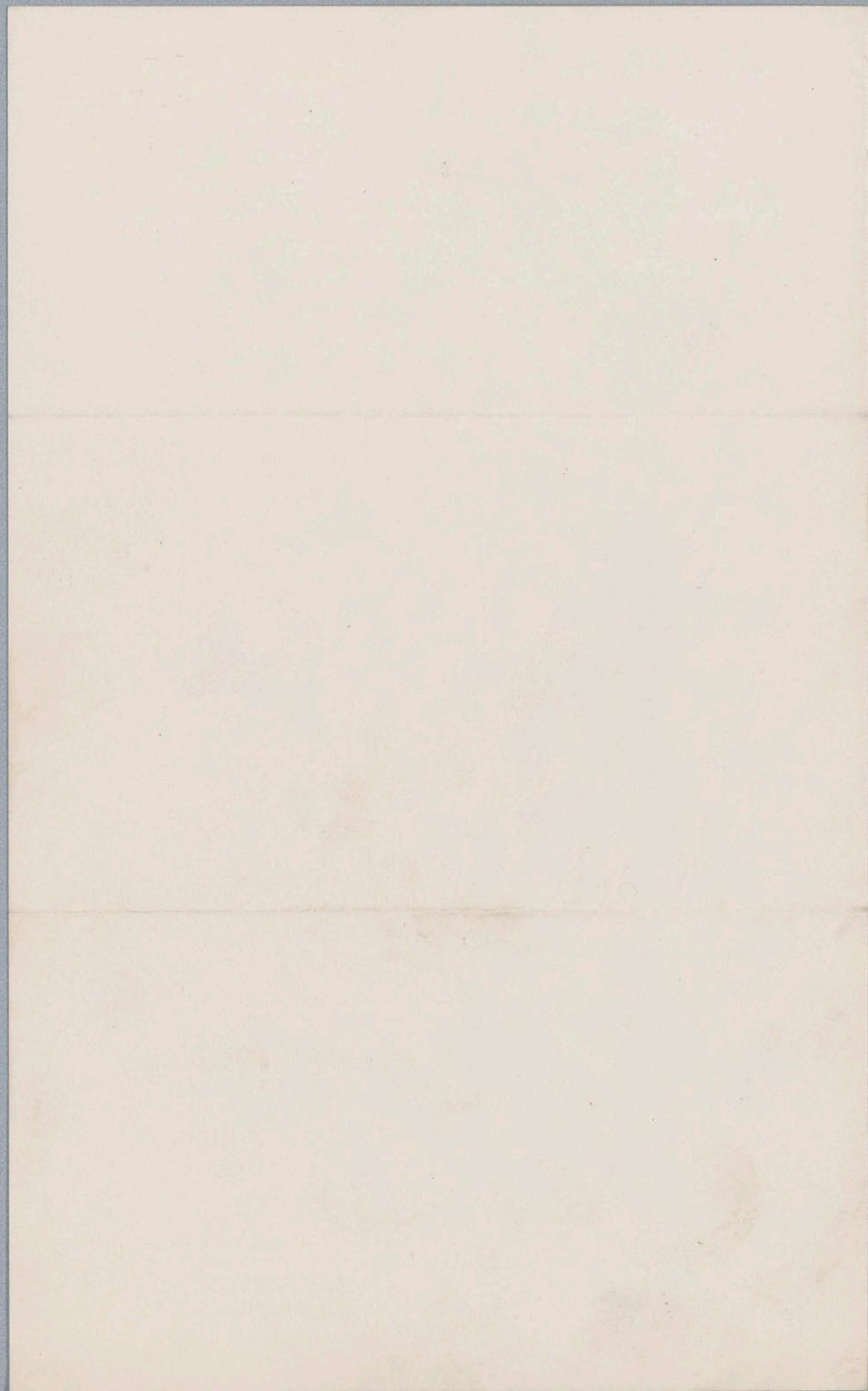
A meeting of the  
Council of the National  
Academy of Sciences  
will be held at the  
University of Pennsyl-  
vania, Philadelphia,  
on Tuesday November  
15<sup>th</sup> at 10 o'clock A.M.

S. Newcomb  
Home Secretary

Washington, Nov. 11, 1881.







9 West 35<sup>th</sup> Street.

New York, Nov. 11. 1881.

Dear Mr Rogers -

I have been thinking about what I should do in case the committee to whom were referred the papers the Corporation asked me for a couple of months ago should make a report that I could not accept. I have no reason to suppose that this will be the case, but committees are often very queer, as experience shows, and persons entrusted with the administration of charities will often

so things which in their personal affairs they would consider very hard measure. I can see that if the committee should make a report to the Corporation and the Corporation accept it, as they would do, and then I should find it necessary to ask a leaving, that it would be very embarrassing. Moreover I should be at an unfair disadvantage in having to ask a reconsideration of formal and decisive action. Besides, it would put me in an attitude of antagonism to the Corporation which I do not wish to take, and which I think I might not

to be obliged to take.

In this case it occurs to me that it would be well for the committee to inform me of the nature of their conclusions before presenting their report to the Corporation, asking whether I have anything further to say. This would be civil and friendly treatment, such as I am sure I deserve, and I have no doubt the committee would do so willingly enough if they thought of it. The trouble in such cases is that people don't think of such things till too late.

I shall accordingly be much obliged to you, if you ~~will~~ <sup>find they</sup> are disposed to economize, if you will make

this suggestion to the committee,  
if there seems to you no reason  
against it. I would rather the  
suggestion came from you than  
from myself for various reasons.

Nothing gives me more pleasure  
than what I hear from the school  
as to the working of the architectu-  
ral scheme. Mr Clark was here  
a fortnight or three weeks ago  
and I have since heard from  
him & from Mr Longfellow, from  
Hooker & from some of the fellows.  
All seem to agree that things are  
going along capitally.

As for myself I still feel a  
little strange, but I am very well  
and very hopeful.

Please make my best regards  
to Mrs. Rogers. Yours always faith-  
fully  
C. A. Ware.

The Columbian University  
Washington, Nov 12, 1881.

My dear Prof. Rogen,

The Board  
of Trustees of this University  
contemplate the establishment  
ment, at an early day,  
of a Scientific School,  
and they have directed  
me to ascertain, by corres-  
pondence, the probable cost  
of the apparatus indispensa-  
ble to the equipment of

such a School.

The School is to be polytechnic in its character — looking to professional life, and not to abstract science, except as auxiliary to the former.

It is also desired to ascertain the cost of such an equipment as is necessary, out of such as might be desirable. In a word, we desire to practise the greatest

economy that is consistent with the full and performane of polytechnic instruction.

If you can give me such a general estimate, you are greatly obliged, my dear Mr. Rogers,

Your friend & servant,  
James Chalmers.

Wm. N. Rogers Esq.

*[Faint, illegible handwriting on aged paper]*

535  
METRIC

40, W 40<sup>th</sup> St  
New York, Nov 12<sup>th</sup> 1881.

Prof Wm. B. Rogers,  
Dear Sir:

Some years ago you published in Silliman's Journal a series of papers on Binocular Vision. Have they ever been collected into book form? If so, will you be kind enough to let me know where I can obtain a copy?

I have been interested in this subject for some time past, and have <sup>just</sup> published in the American Journal of Science an article on "The Stereoscope, and Vision by Optic Divergence", which will be followed by another on



the same subject in the Dec<sup>r</sup>.

A paper, read two weeks ago before the N.Y. Academy of Sciences, will be published in "Science", (John Nichols, editor, 17, Tribune Building, N.Y. City) the medium of publication of the proceedings of the Academy, being divided into two or more articles which will appear at intervals of a few weeks.

Before offering anything more for publication I wish to read what you have written on this subject. My investigations were started by certain statements found in the writings of my uncle, Prof Joseph LeConte, who has contributed a number of articles on Binocular Vision during the past dozen years, these having been republished into a volume published

last spring by D. Appleton & Co.  
I wish to know more particularly what you may have written about Optic Divergence.

With much respect, dear Sir,  
I am,

Very truly Yours,  
W. Le Conte Stevens.

OLDEN  
MUSEUM  
100 BROADWAY

U.S. Naval Observatory  
Washington, Nov. 12, 1881.

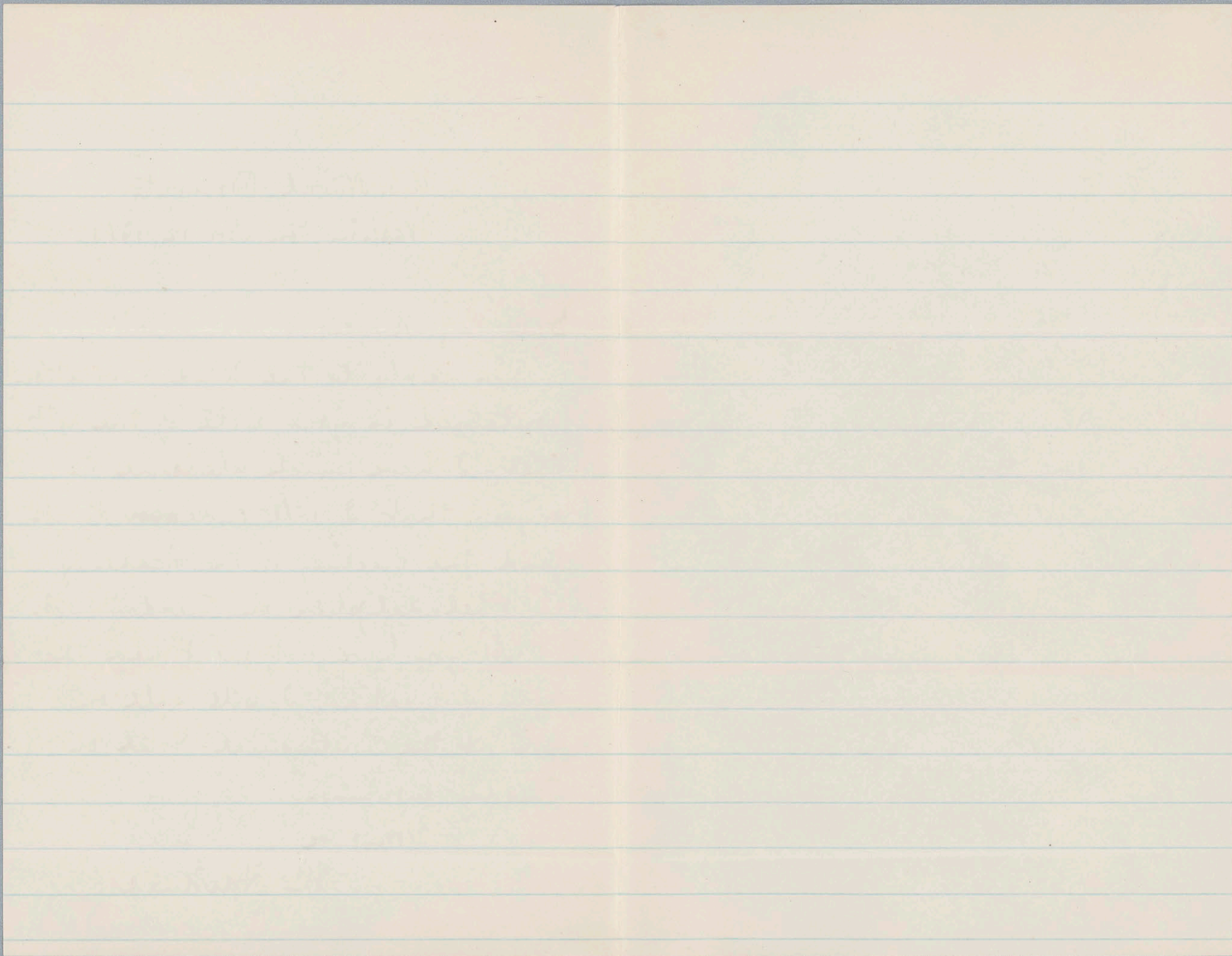
Dear Prof. Rogers

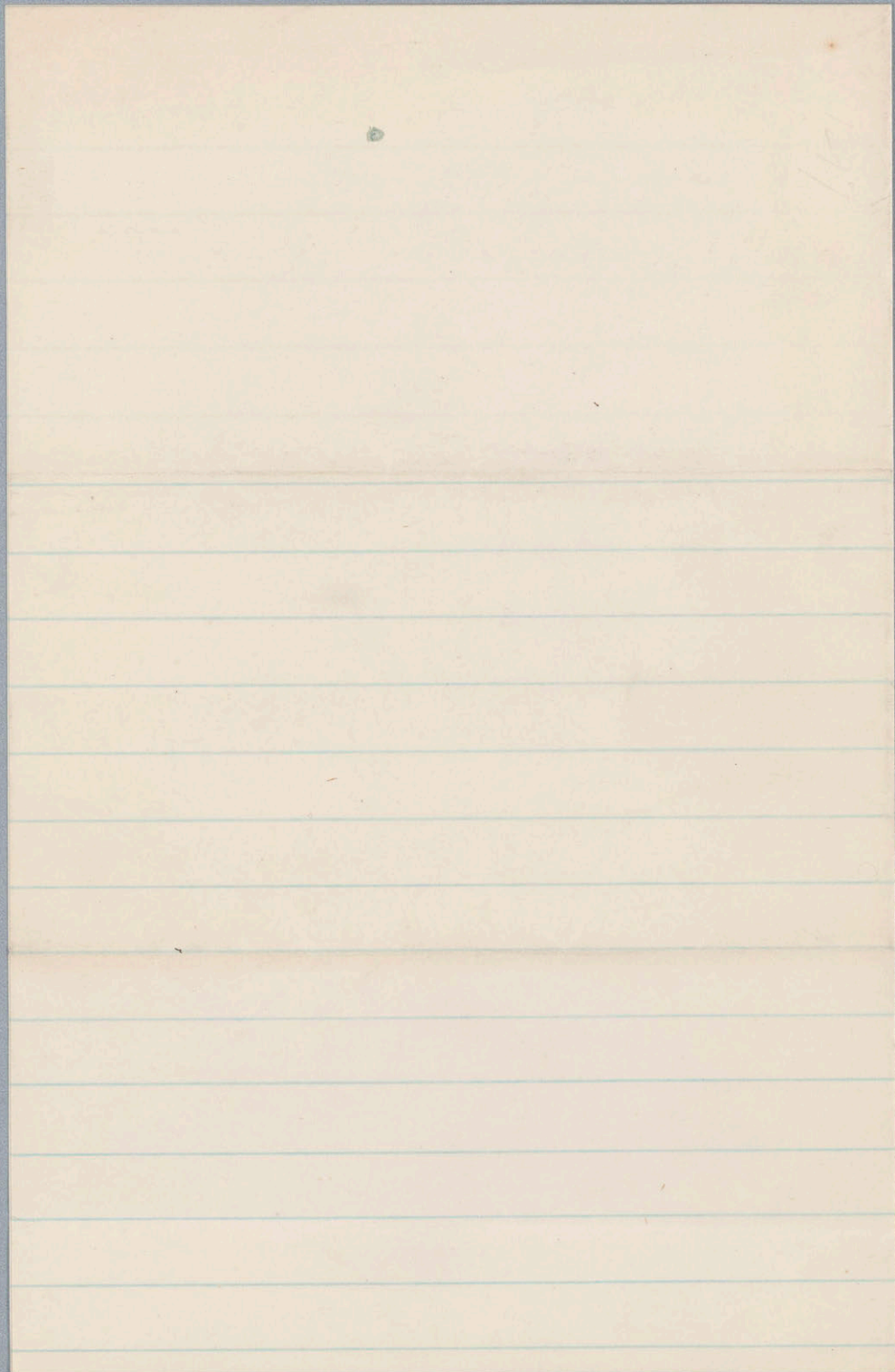
In reply to the kind invitation contained in your note of the 9<sup>th</sup> inst, I have much pleasure in saying that I will endeavor to attend the meeting of the Academy in Philadelphia on Tuesday next.

As you have not mentioned the hour of meeting, I will call on you at the Continental Hotel on Tuesday morning.

Yours &c

Wm Harkness.





OFFICE OF THE U.S.  
COAST AND GEODETIC SURVEY  
WASHINGTON, D.C.

13 Nov. /81

My dear President Rogers,

In acknowledging your kind letter  
of 9<sup>th</sup> inst. I will first explain  
that I cannot be quite sure of  
attending the <sup>Acad.</sup> meeting in Philad<sup>a</sup>.

The new Secretary of the Treasury,  
Judge Folger, has just arrived  
here, and it appears every way  
advisable that I should be formally  
presented to him by Mr. Windom.

This may happen on Monday, in  
which case I might get to Phila-  
on Tuesday evening. I hope, in any  
case to be with you on Thursday,  
if not on Wednesday.

Next, as to the Transit of Venus  
Commission, I really do not know  
whether the Superintendent of the  
Coast Survey is a member of the  
Old Com<sup>tee</sup>, but I believe he is  
so named. At all events, there  
is no occasion to add my name  
to the Committee on the part of the  
Academy.

As to the memoir of Mr. Homer Lane,  
I believe it is sufficiently ready  
to allow me to read it at the  
meeting, if I can get there.

The memoir of Watson I presume  
I ought to undertake - B. A. Gould  
would be the proper member, but  
as he has no access to materials,  
I will take it.

I presume that an appointment  
of Superintendent of the Coast Survey  
will now be made soon, and I  
am much encouraged to believe  
that I will be the one to receive it.  
The delay has been entirely owing  
to adventitious causes.

With best regards to Mrs. Rogers,  
I remain, my dear President  
Yours faithfully  
J. E. Hilgard

Prof. W. B. Rogers. Lid. &c  
Continental Hotel  
Philad<sup>a</sup>.

*[Faint, illegible handwriting on lined paper, possibly bleed-through from the reverse side.]*



258

271 MADISON AVENUE,  
NEW YORK.

Nov 14<sup>th</sup> 1881

Wm. B. Rogers Esq.  
Pres<sup>t</sup> National Academy Sciences

Sir It will give  
me great pleasure to serve on  
the Committee for the Transit  
of Venus

I expect to  
attend the meeting in Philadelphia  
and hope to have the pleasure  
of seeing you there

Very truly  
Yours  
Henry Draper

to the Economic Development

Chief Commissioner  
The State of New York  
Department of the Environment  
The Albany



Nov 14 1888

Wm. D. Popen  
Genl. Natural History

Sir

I have the great pleasure to receive  
the Committee for the Council

of Science

request to attend the meeting in Philadelphia

and hope to have the pleasure

of seeing you there

Very truly  
yours

Phil. Nov 17

Wm. Hoggan Esq,

Dear Sir

Your letter of the 11<sup>th</sup> inst has been received, & I thank you for the trouble you have taken in presenting your suggestions.

The application of photographs & electrical methods in their best form for the observation & record of the phenomena of the coming storm of waves will undoubtedly be carefully considered by those charged with preparing for the work. Believe me

Dear Sir yours very respectfully

W. Pratt,

W. B. R.

The Museum of the  
~~George S. Boutwell~~  
~~Scientific Depot~~

Nautical Almanac Office,

Navy Department,

Washington, D. C., Nov. 17<sup>th</sup> 1881.

Dear President Rogers

I am much annoyed to find that my sickness at this inopportune moment has resulted in the enclosed paper not being sent you before.

If not in time to read please consider it as having been presented.

Very truly yours

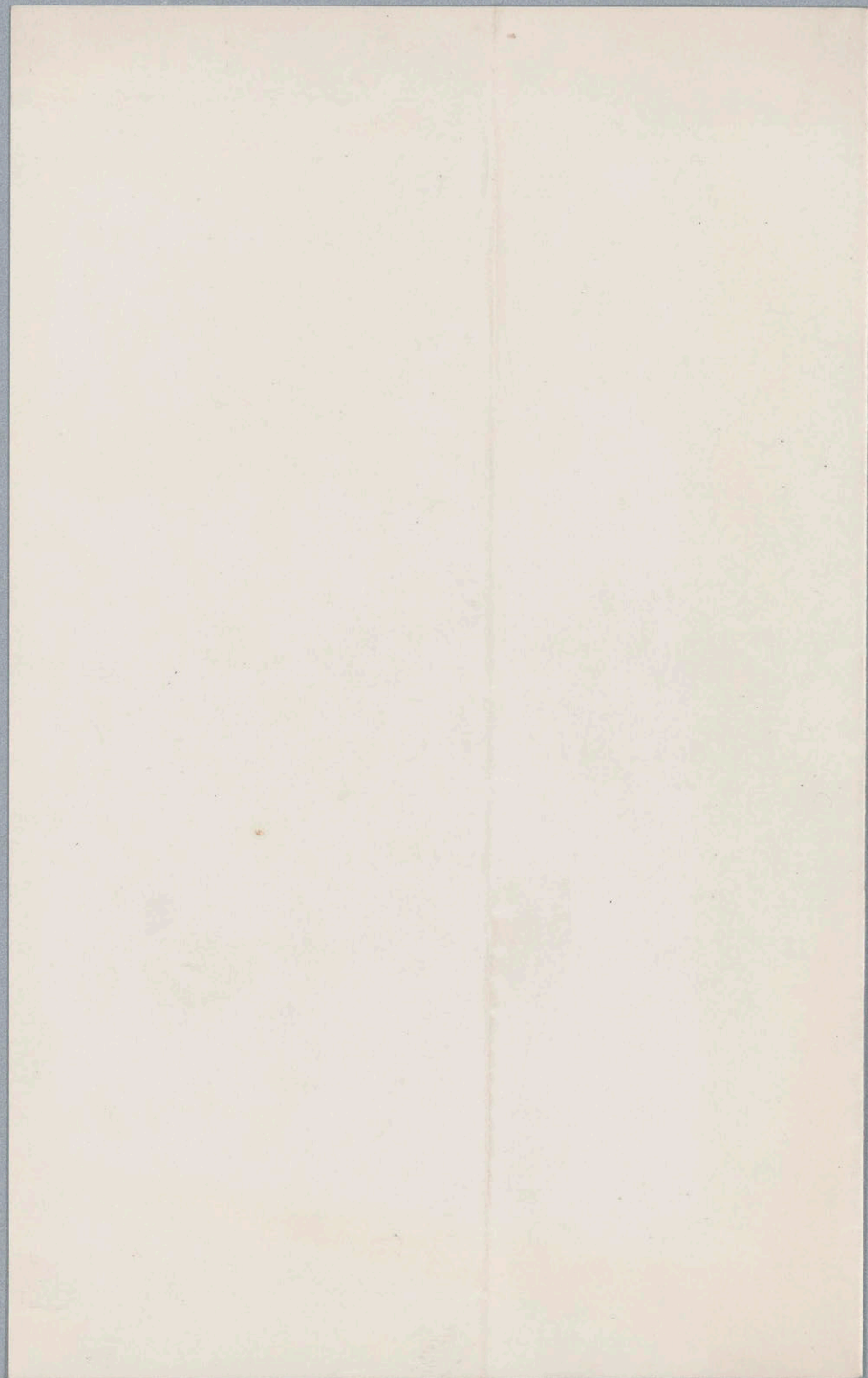
President W. Rogers

Continental Hotel

Philadelphia,  
Pa.

S. Newcomb

THE UNIVERSITY OF CHICAGO  
LIBRARY  
540 EAST 57TH STREET  
CHICAGO, ILL. 60637





U. S. Naval Observatory,  
Washington, Nov. 29, 1881.

Dear Sir:

You have doubtless been notified by the President of the National Academy of Sciences that you were appointed one of a Committee to consider the subject of the approaching transit of Venus in December 1882.

It is necessary that any appropriation by Congress must be made this session, if made at all, for the purpose of defraying the expenses of observing the transit.

If foreign stations are occupied, a considerable sum will be needed; and if such stations be not occupied, the expenses of observing will be very small.

The country is filled with Observatories which will no doubt observe the transit, and, I presume, willingly give the results of their work; so that the cost for observing in the United States will be very moderate. Few new instruments will be needed in any case.

Please answer at your earliest convenient moment whether any foreign stations

*[Faint, illegible handwriting, likely bleed-through from the reverse side of the page.]*

should be occupied by parties from the United States; and if so, how many and what ones, also what methods should be employed?

Unless the photo-heliograph be used, there seems no sufficient reason to incur the expense of sending parties abroad, since Europe will observe fully in the southern hemisphere; but apparently does not intend to employ photo-heliographs — which seem to promise better results than have been reached by other photographic methods.

Yours very respectfully,

John Rodgers,  
Rear Admiral,  
Pres't of Transit-of-Venus Commission.

Prof<sup>t</sup> William B. Rogers,  
Pres't of Nat. Acad. of Sciences,  
Member of Transit-of-Venus Commission,  
117 Marlborough Street,  
Boston, Mass.

Faint, illegible handwriting at the top of the page, possibly a header or address.

Main body of faint, illegible handwriting, likely the main text of a letter or document.

Faint, illegible handwriting at the bottom of the page, possibly a signature or footer.

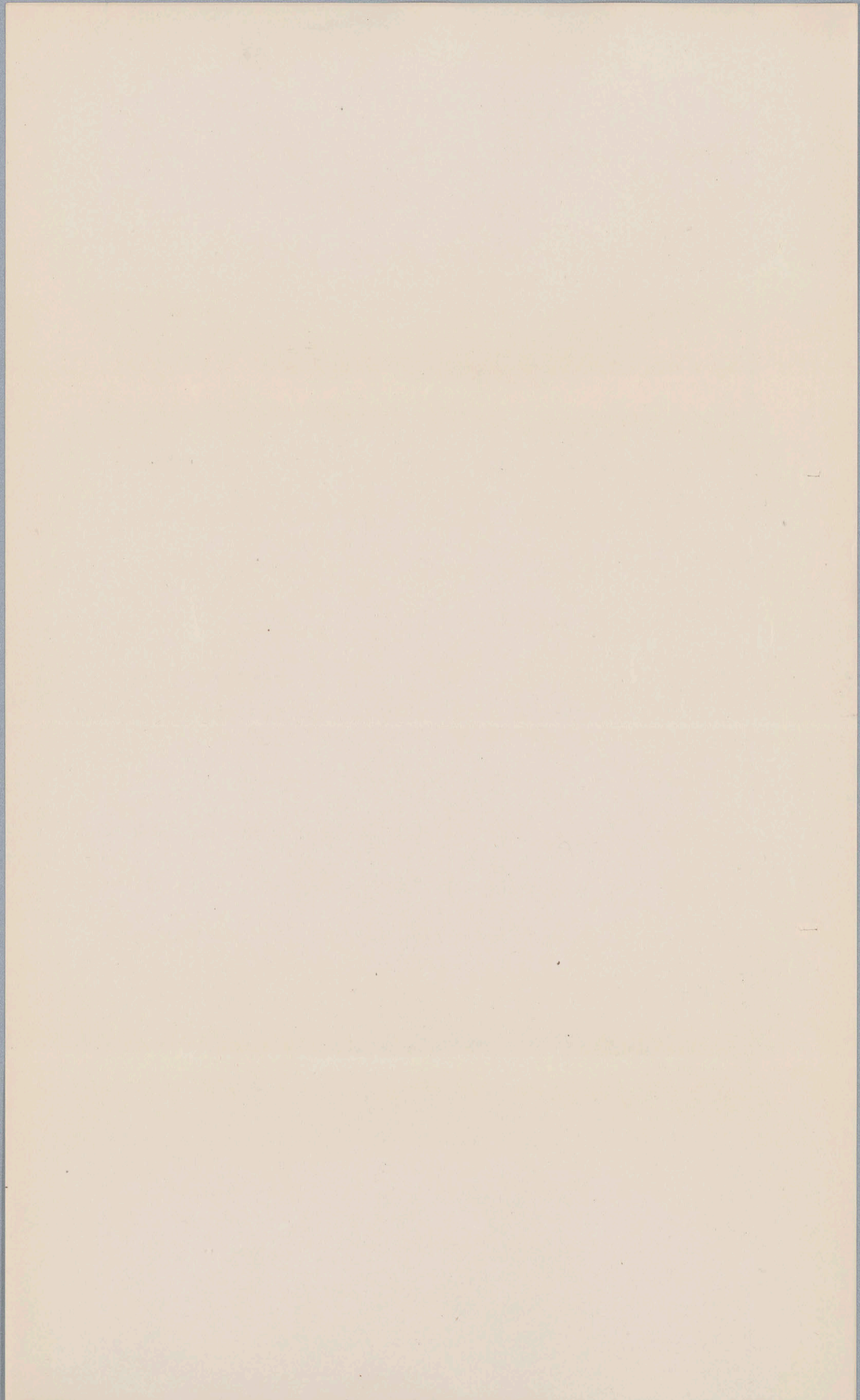
Memorandum respecting proposed observations on the Transit of Venus occurring December 6, 1882.

The proper observation of the coming transit of Venus is so important that in Europe an International Conference was held to consider the whole subject.

The instructions formulated by this Conference contemplate only the observation of contacts, and recommend the use of telescopes having clear apertures of from  $4\frac{3}{4}$  to 6 inches, armed with positive achromatic eye-pieces, magnifying about one hundred and fifty diameters. [The Comptes Rendus 1881, Tome 93, pp. 564-572.]

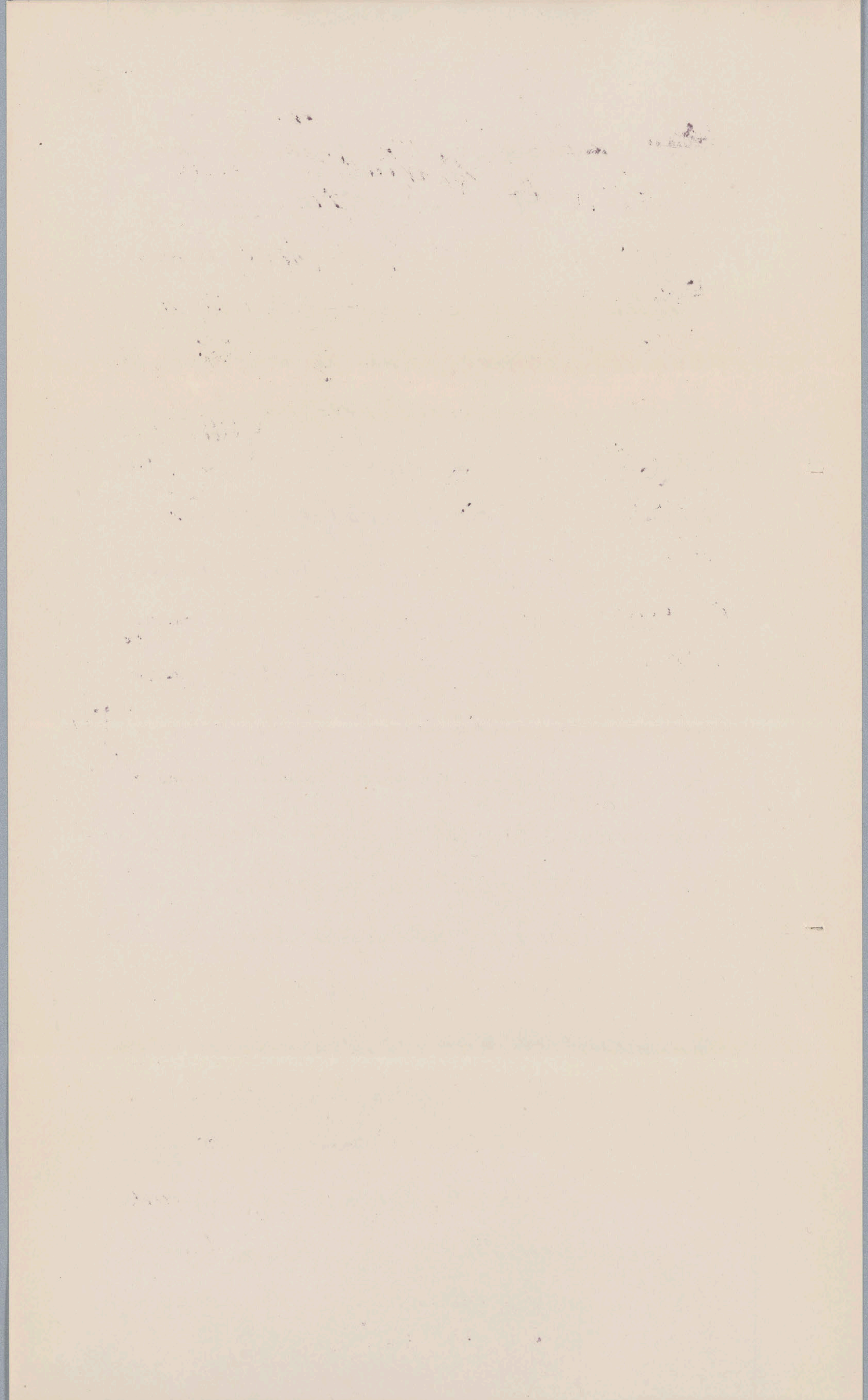
No mention is made either of heliometers or of photography.

As there are few heliometers in the world, and nothing has



been published respecting the results obtained from them during the last transit of Venus, it may be wise to pass them over in silence; but the photographic method should not be so summarily dismissed. A careful consideration of the contact observations made during the last transit of Venus shows that their probable error is  $\pm 0''.15$ , that there may always be a doubt as to the phase observed, and that a passing cloud may cause the loss of the transit.

On the other hand, the photographic method can not be defeated by passing clouds, and when carried out by the horizontal photo-heliograph, is not liable to any uncertainty of interpretation; it seems to be free from systematic errors, and is so accurate that the result from a single negative has a probable

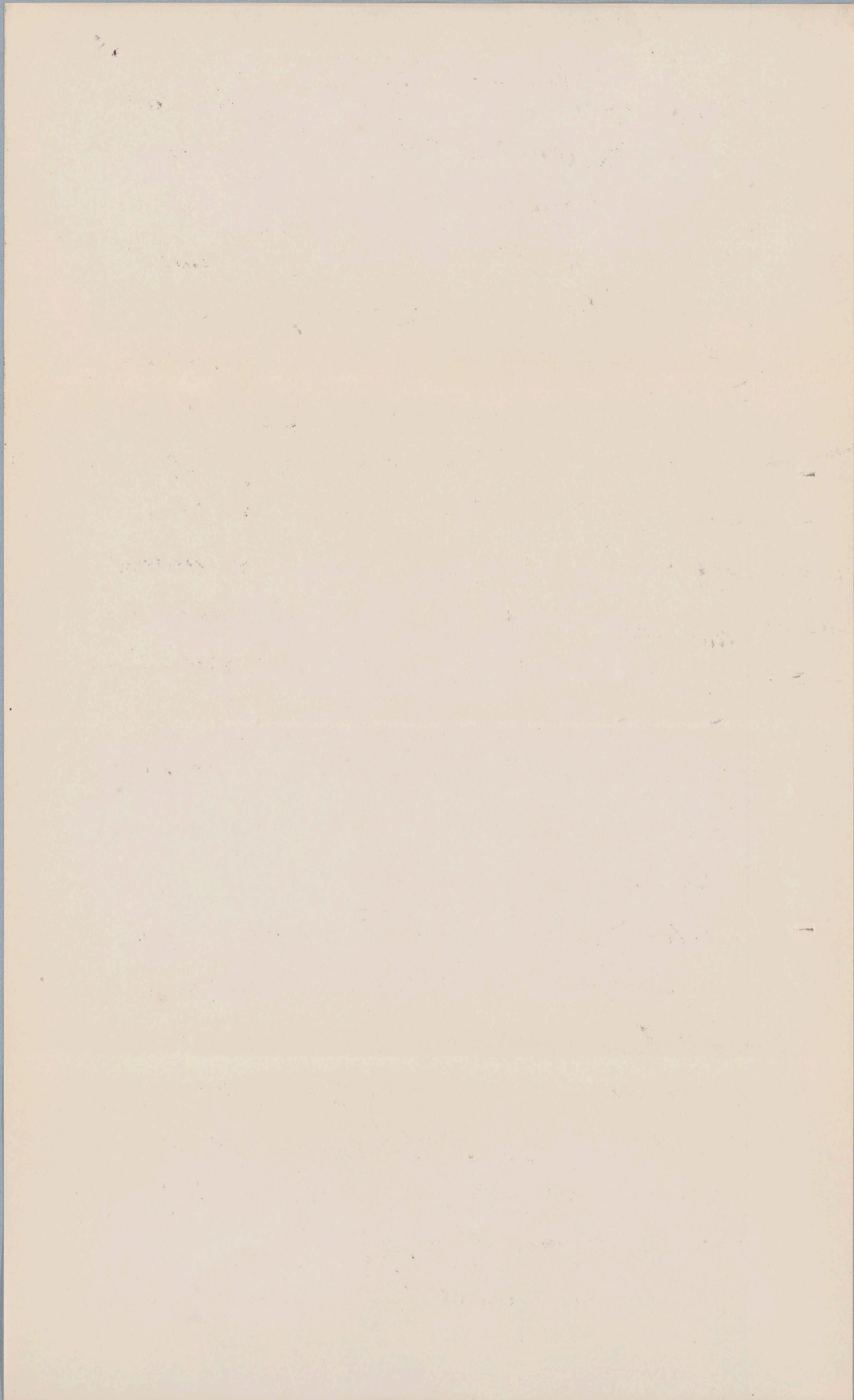




25

error of only  $\pm 0.50$ . If the sun is visible for so much as 15 minutes during the whole transit, 32 negatives can be taken, and they will give as accurate a result as the observation of both internal contacts. In view of these facts, can it be doubted that the photographic method offers as much accuracy as the contact method, and many more chances of success? If it be asked why so promising a method was unnoticed by the International Conference, the answer is not far to seek. When that Conference set the accuracy attainable by the horizontal photo-heliograph had not been made public, and it is generally understood that all other photographic methods have been failures.

Under existing circumstances,

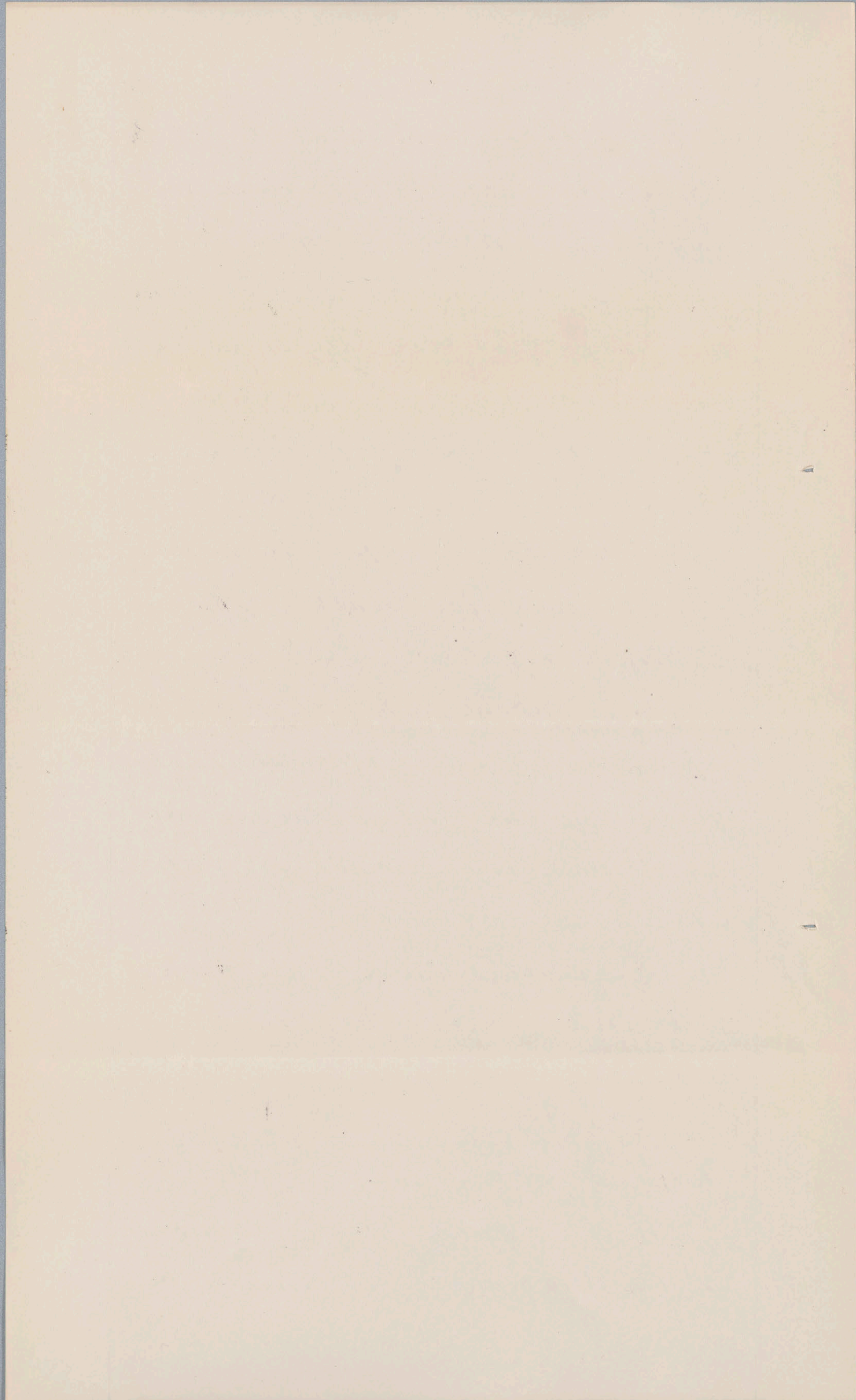


it is not probable that the parties of any European Government will employ the horizontal photo-heliograph upon the coming transit of Venus, and it is therefore all-important that the United States Commission should take proper action in the premises. The questions to be decided are two in number.

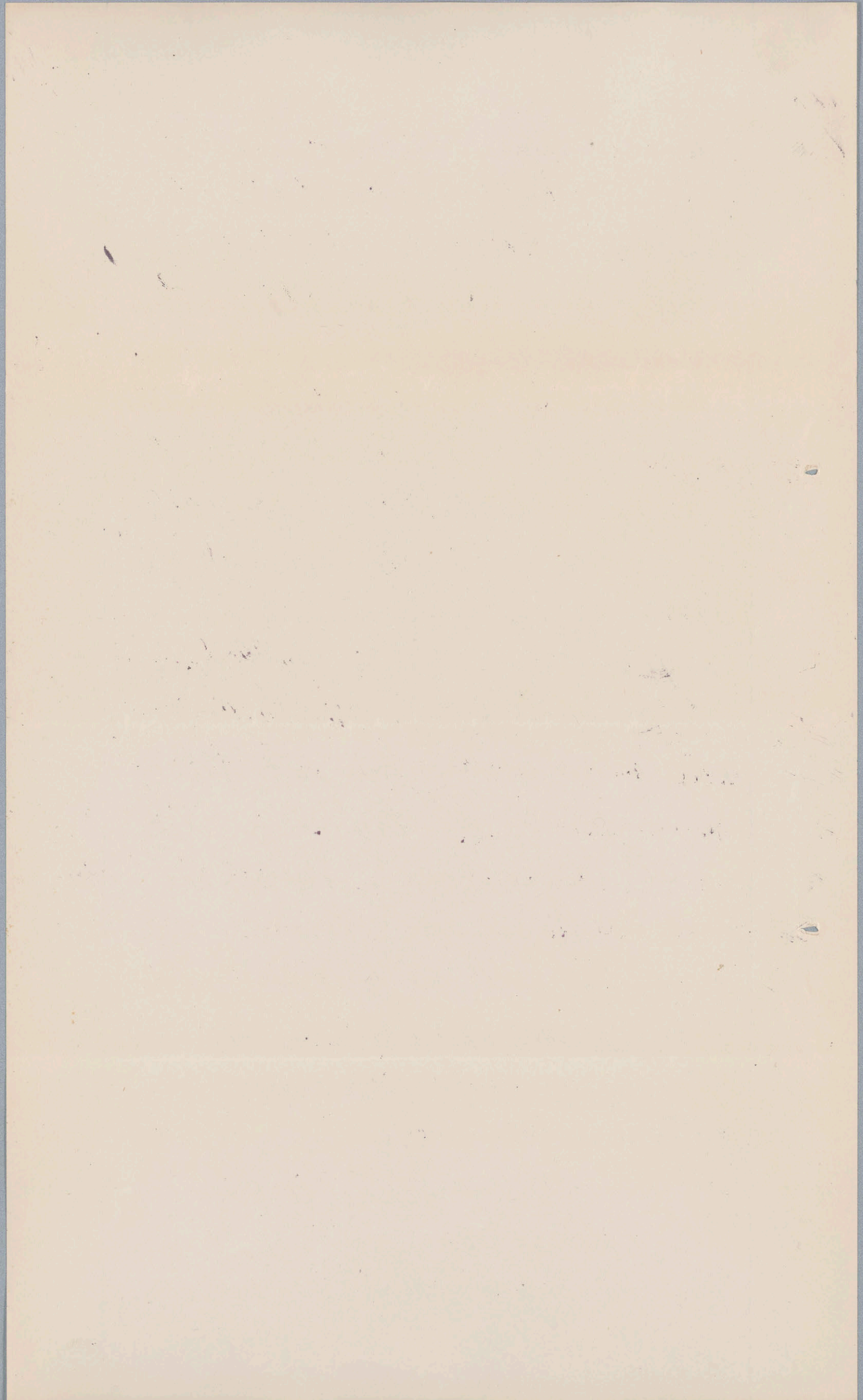
1. Should the United States Government send photographic parties outside its own territory?
2. In the event of such parties being sent out, what should be their number, and what stations should they occupy?

Respecting these questions, the United States Commission asks the opinion of the Advisory Committee appointed by the National Academy.

With regard to the location of the stations, it may be

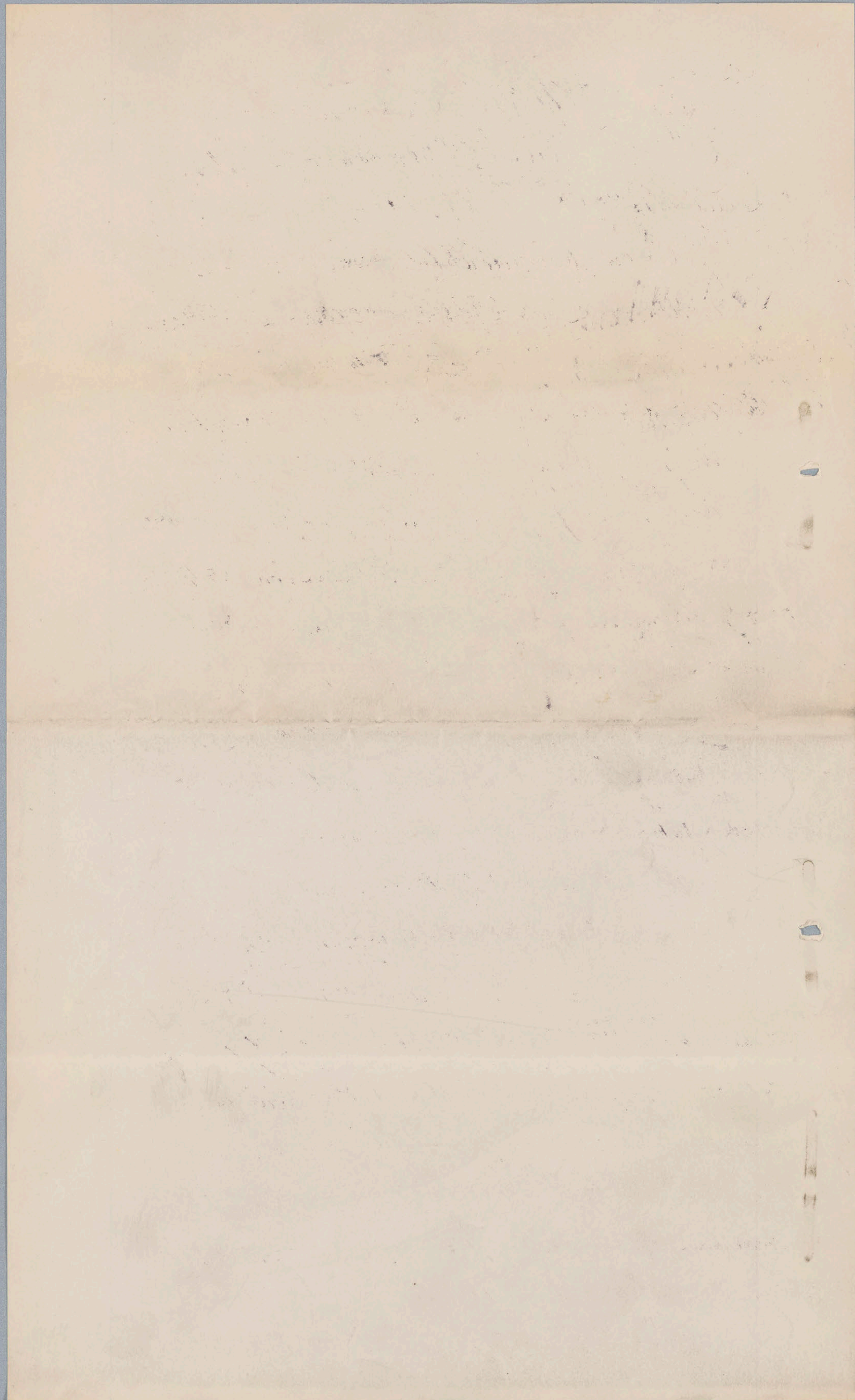


remarked that during the transit of Venus in December 1882, three base lines will be available, all having their northern extremities in the United States, and their southern extremities lying respectively in the region about Madagascar and the Cape of Good Hope; in the region about Cape Horn; and in New Zealand and eastern Australia. The base, Cape of Good Hope - United States, will be available only at the beginning of the transit; the base - Cape Horn - United States, will be available for the whole transit; and the base New Zealand - United States, only for the end of the transit. If trigonometrical considerations alone were regarded, it would be best to locate all the stations about Cape Horn; but the weather there is so notoriously



bad that it may be prudent to avoid this region entirely. By going as far north as Buenos Ayres, better weather will be secured at the expense of some shortening of the base. Good weather may also be expected in Madagascar, the Cape of Good Hope, New Zealand, and Australia. If only four Stations are occupied, Cape Town, Santiago in Chile, Buenos Ayres, and Queenstown New Zealand, are suggested. If a greater number of Stations be thought desirable, some place in Madagascar, Sandy Point in the Straits of Magellan, or the Falkland Islands, and Sydney, Australia, should be considered.

The Naval Observatory,  
Washington,  
November 29, 1881.



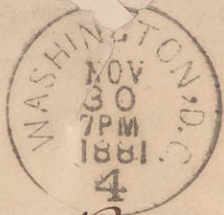


Navy Department.

U. S. Naval Observatory.

OFFICIAL BUSINESS.

Any Person using this envelope to avoid  
the payment of postage on private matter  
of any kind, will be subject to a fine of  
Three Hundred Dollars.



Professor William D. Rogers,  
President of Nat. Acad. of Sciences,  
Member of Transit. of Venus Commission,  
117, Marlborough Street,  
Boston, Mass.

12-2-51  
3A

Naval Observatory,

Washington, D. C., Nov 30<sup>th</sup> 1881

Dear Sir

I sent you today  
a copy of the Circular  
Memorandum respecting  
measures to be recommended  
for the action of Congress -

I have sent them to Prof  
Hilgard, to Deaper, Hall  
Harkness Langley - Peter  
Young Newcomb, Newton,  
Pickering - then with yourself  
and myself make 12 -  
I suppose that we may

soon have an answer from  
each — It would be  
scarcely possible to have  
a meeting, since there is  
no money available for  
travelling expenses —

— Have I omitted  
any names? I think  
not —

With best regards to  
Mrs. Rogers;

Very truly yours  
Wm. Rogers

Prof. Wm. B. Rogers,  
Pres't Nat. Acad. of Sciences, Boston.

Nov. 1881

Dear Admiral Rogers

I write some days since to ask whether anything had been done by the <sup>Board</sup> Officers of Yemassee Co. in correspondence with the Com. of Co. of S. for the Acad.?

Douglas proposes carrying out the suggestion which you made last ~~of~~ last May, that the subject of the pref. for the Com. of Yemassee should be considered & discussed during the meeting of the Acad. now approaching - If so please let me know your wishes.

In your letter of May 19 you state that the Secy of the Navy approved your paper relating to the Com. of Yemassee & I show it to the Pres. Was it also approved by the Collin -

As I have the paper in the bottom of the box - I have written a few lines of it - I have written a few lines of it - I have written a few lines of it -

Dear Prof. Newell -

I thank you for sending me the  
copy of the letter & your abstract -

I have read the former with great  
interest - & return it to you at  
once - asking you to inform me

of its safe arrival - The latter  
paper is so important that  
~~it will be~~ <sup>it</sup> ~~would~~ I think ~~it~~ <sup>it</sup>  
may properly <sup>be</sup> included in the  
Annual Report -

I regret that ~~Mr. O'Shea~~ <sup>Mr. O'Shea</sup> ~~is~~ <sup>is</sup>  
at the Central Meeting to answer  
Prof. Watson - & I  
shall not be in town at our  
Common Meeting -

[NOV. 1881]

(2)

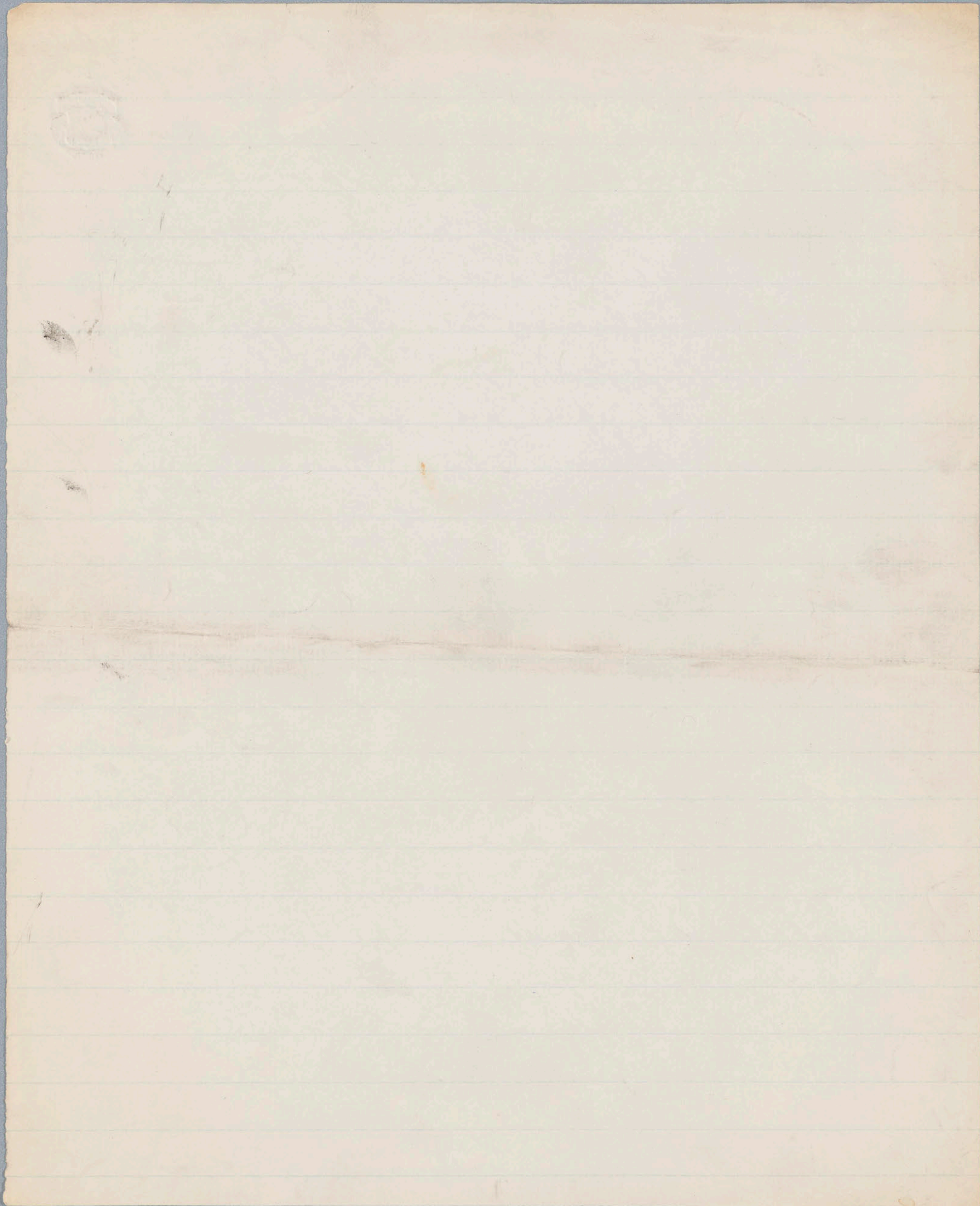
Mr Barker announced that Gen. Thomas Eckert of the Western Union Tel. Co & Pres. N. J. Phillips of the Amer. Dist. Tel. Co. had offered to the members of the Acad the use of their respective services both Teleg. & Messengers during the present session.

### Scientific Proceedings -

The Pres. in opening the Scientific Session made a brief reference to some points of recent scientific interest, after wh followed the reading of papers was begun

The following are the titles of the papers, <sup>21 in number</sup> presented to the Academy during the several days of its session -

1. Remarks by Mr Morse -
2. " " "
3. " " Mr Cope -
4. read by the Sec<sup>y</sup>
5. " " Mr Morse.
6. " " Genth & Barker -
7. " " Marsh -
8. " " Cope -
9. " " Silliman
10. " " Marsh & Cope -
11. " " "
12. (Sampley) Roland, Gibbs, Agassiz & Abbe.



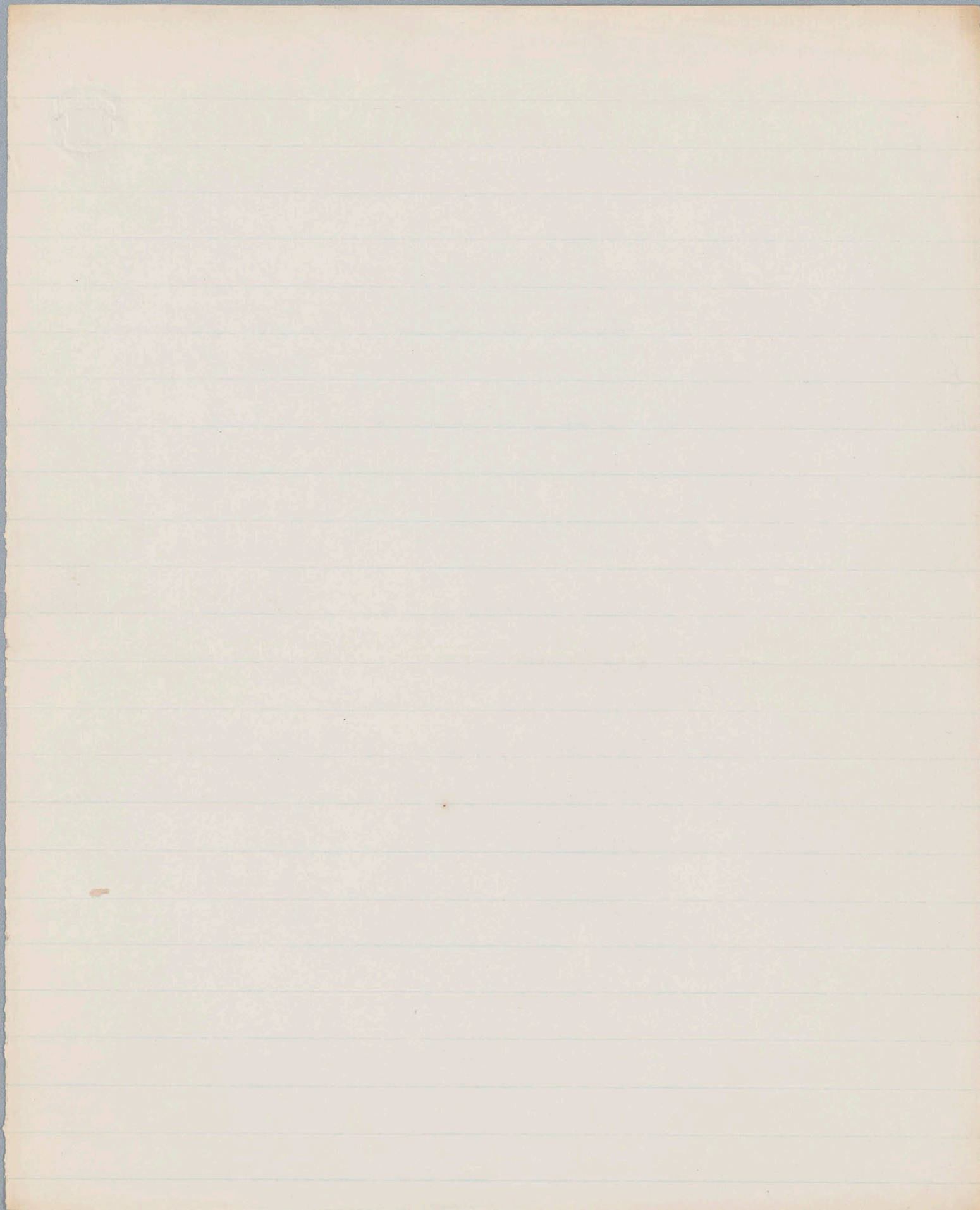



13.  
 14 read by the Sec<sup>t</sup>.  
 15  
 16. remarks by Peirce & Silliman  
 17 " " Abbe,  
 18 " " Rowland Mottson & Barker  
 19 presented by ~~Silliman~~ <sup>invitation of the Academy</sup> & read by Mr Parsons.  
 20 Remarks Chandler & Abbe  
 21  
 22  
 23

The last two named papers tho' entered on the list of  
 of the Sec<sup>ts</sup> were not read -

### Biographical Memoir

At the meeting on Nov: 16<sup>th</sup> a <sup>Biographical</sup> Memoir of  
 the late S. F. Waldeman <sup>prepared by Mr J. P. L.</sup> was read by Messrs.  
 Mr J. P. L. author.





Amendment to the Constitution

The amendment to Sect: 1 Art: 1 approved at the meeting of the Academy April 1881. proposing to add at the close of the original sentence the words

"Members shall be citizens of the U. S. or shall have declared their intention to become such" was not adopted, but as a substitute the following amendment was adopted in Committee of the Whole, to be voted on at the next States Session.

"A Candidate for Membership in the Academy must be a citizen of the United States".

Resolutions.

Mr. Silliman offered the following Resolution—

Not used



4-11-15