14 Papers, July 1880

American Academy of Arts & Sciences
Boston, 1st July, 1880.

Dear Sir –

Will you have the kindness to revise the inclosed report of your remarks at the anniversary meeting of the Am. Academy for publication in the memorial volume and return the same to the above address.

Very Respectfully Yours,

Austin Golden,

Assistant Librarian

A copy of your address in extenso would be most acceptable if not too much trouble to prepare.

U. S. Coast and Geodetic Survey Office,

Washington, July 1st, 1880.

My dear Sir;

Thirty copies of the Annual Report of the Academy are forwarded to you by to-day's mail.

No efforts having been spared, the Joint Resolution was finally passed, but anticipating its lying over, and that the type would be distributed, the precaution was taken beforehand, to order five hundred copies with covers, at the expense of the Academy; the cost being only $11.00 — It thus happens that we have a thousand copies to dispose of, beside having established a good precedent.

Very truly
Yours

J. E. Hilgard

Prof. Wm B. Rogers;
Prest. Natl Academy of Science.
Newport, R. I.

Prof. J. E. Hilgard

Pres. William B. Rogers LL.D. 7

Copy

New Haven July 5. 1880.

Dear Dr. Rogers

Your kind letter deserved & required an earlier answer but in truth I had not expected that the project broached by you in our conversation in Washington would so soon reach an issue, & I found it wellnigh impossible amid the whirl of the June examinations & in the absence of my safest counsellor & best friend, to come to the decision of a matter so momentous to me & my family.

I ~~cannot~~ now say that I confidently anticipate being so far advanced in my census work as to be able to leave in the hands

of a deputy whatever may remain undone at the beginning of the Collegiate year 1881–2 & that I entertain no doubt that I should then with great satisfaction, if it were still decided on your part, transfer myself & all my works to the Inst. of Technology, with the single desire to devote my time & energies to its interests. All my thoughts of the position you so kindly propose are agreeable & I see nothing in the future which I would prefer to do; but I do not feel able to make, so far ahead of the occasion, a final decision of the question to which publicity should be given, or which ~~should~~ would require to be communicated to my colleagues here. It is perhaps owing to the great nervous strain of the past three months that I feel somewhat less courage & self confidence than usual, & find myself shrinking from dealing ~~irrev~~ irreversibly at this moment, with the question of my future work at Washington under the intense heats of this exceptional season, & feel as if it would take months to regain my tone.

Faithfully yours

Francis A. Walker.

At home only for today.

From General Walker.

53

New Haven,
July 5. 1880

Dear Dr Rogers:

Your kind letter deserved and deserved an earlier answer but in truth I had not expected that the project broached by you in our conversation in Washington would so soon reach an issue, and I found it rather high impossible amid the whirl of the Census Enumeration, and in the absence of my Deputy Commissioner and best friend, to come to the decision of a

matter so momentous to me and my family.

I cannot say that I confidently anticipate being so far advanced in my Census work as to be able to leave in the hands of a deputy whatever may remain undone at the beginning of the collegiate year 1881–2; and that I entertain no doubt that I should then, with great satisfaction, if it were the desired arrangement, transfer myself and my work to the Institute of Technology, with the single desire to devote my time & energies to its interests.

All my thoughts of the position you so kindly propose are agreeable, and I see nothing in the future which I would prefer to do; but I do not feel able to make, so far ahead of the occasion, a final decision of the question, to which publicity should not be given, or which would require to be communicated to my colleagues here. It is perhaps owing to the great nervous strain of the past three months that I feel somewhat less courage & self confidence than usual, & find myself shrinking from dealing irrevocably at this moment with the question of my future. I am completely worn out by my summer's

work at Washington, under the intense heats of this exceptional season. I feel as if I need take minutes to regain my tone.

Faithfully yours

Francis A. Walker

at time only for today.

To,

Wm. B. Rogers LL.D.

Pres't. Inst. of Tech. Boston

X

Goodnow No., Francona, N.H.

Prest. Wm. B. Rogers, July 5-1880.

My dear Sir;

Owing to certain circumstances to which I shall refer, I write to learn whether any action has yet been taken or will soon be taken in regard to teaching force of the Physical Department of the Institute. You are of course well informed of the conditions under which we have worked during the past year and know that, however considerable other inducements may have been, the salary received by Mr. Stenck and myself has not been such as could be accepted in the future under other than exceptional circumstances. For Mr. Stenck I am not at liberty to speak, but you are undoubtedly aware that he has already a temporary business engagement which is likely to develop into a permanent one. For myself

I may say that I have such other prospects outside the Institute as demand thorough consideration and an early decision. My preference would be to remain at the Institute longer if the salary and position offered were such as to justify it, but neither were such last year as to give, in the future at least, the standing which seems warranted by the class of work done by Mr Henck and myself. Were Mr. Henck to leave the laboratory, I should be unwilling to take charge of the laboratory work for another year without arranging a considerable change in many parts of the laboratory instruction, more especially in the general Third Year course. As you are aware the plan now in use is that put in operation by Prof. Pickering under whom both Mr. Henck and myself had the privilege of studying. The present laboratory course is in the main that which he gave, but so modified and extended as to give increased efficiency with large classes. But our own experience has shown us, what Prof. Pickering would doubtless have appreciated sooner than we, that the actual experiments require serious modification as laboratory facilities increase. Experiments which, in the early stages of the laboratory were sufficient chiefly because they were the best available are no longer suitable, and are below the capacity of the student. To pursue this subject into further detail is needless here. In addition I need only to call attention to the considerable draft to be made upon our experimental and teaching resources by the large fourth year class in "Applied Physics" next year to show that serious work of preparation is necessary in order to make the year's work up to the average of past classes to say nothing of the necessity for advance if the laboratory is to retain anything of its present position in its peculiar work-

For these and other reasons I have determined to ask at this time an early consideration of the matter by yourself and, if possible, a definite offer from the corporation. I trust that I may hear from you soon as it will be necessary for me to decide by the 25th inst. upon a reply to an opportunity of similar nature elsewhere.

With sincere regards and hopes that the summer may find you in comfortable health I remain with great respect

Silas M. Holman.

Prest. Wm. B. Rogers,
Mass. Inst. Technology.
Boston, Mass.

P.O. Address. — Mass. Inst. Tech. or
Goodnow House.
Franconia, N.H.

July 7. 1880

Prof. Rogers said that having been suddenly called upon to take part in the services of this hour he ~~was wholly without preparation~~ and could only give expression to such thoughts as suggested themselves at the moment. He ~~then~~ spoke of the seeming connection in the history of communities, between great intellectual activity ~~and~~ and extraordinary ~~political~~ emotional excitement, from political or other causes as illustrated ~~in~~ by the ~~beginning~~ establishment of this Academy, the Sister Society of Philadelphia, and of this, and the Royal Society of London, ~~and~~ not omitting our own Inst. of Tech? —

in times of War and Civil Commotion, ~~and~~ and he concluded with remarks on the wide scope of the studies encouraged by such ~~societies~~ societies, embracing, in the words of Bacon the studies that are for delight for ornament & for ability, and maintained that in an enlarged view every intellectual pursuit has a far-reaching utility, each department of knowledge being allied with every other department, as in the boundless Heavens sidereal universe each star whether great or small is a giver as well as a receiver of light, in relation to every other star.

[1880]

To Austin Golden, Esq. 56

Dear Sir, I thank you for the opportunity of excluding from the Memorial Volume the newspaper ~~report~~ version of my remarks, and I send you the enclosed brief notice to replace it.

As I spoke ~~without~~ ~~[illegible]~~ premeditation I am unable to do more than refer to some of topics of my short address which indeed could not claim a place among the carefully prepared contributions of the other speakers.

Yours very truly
W. B. R.

~~[illegible]~~

~~[illegible]~~ newspaper version of my remarks.

Austin Golden Esq.
Asst. Sec. Am. Ac. A. & S.

July 7.

over

Norway Farm,
York, Me., July 7, 1880.

Professor Wm. B. Rogers,
My dear Sir, —

I have just received a letter from Mr. Holman saying that he has written to you with regard to his salary for next year. He does not inform me as to the details beyond the simple statement so that I can only infer from what he has said to me previously. I should have written to you regarding the matter myself shortly, but was waiting for more definite knowledge as to the intentions of Mr. Henck.

Mr. Henck expects to enter the permanent employ of the

Telephone Co., and until a week since I thought that the matter was pretty definitely settled. I learned from him then, however, that no definite arrangement had been made. He said some weeks ago that he did not feel that he could afford to return to the Institute (except as a last resort in case his other plans failed) and as it is hardly possible to think of raising the salary of both assistants I think that we need not consider his case at length. I most heartily wish that both of the present assistants could be retained but if that is impossible wish to consider what can be done. Should Mr Herck resign his position I should recommend Mr. W.H. Pickering for the place. I think that he would accept, and though somewhat inexperienced would doubtless succeed and gradually work into the duties assigned. I have not yet mentioned the matter to him. A little later I shall do so and find out definitely if he would accept of the place were offered to him. Should there be a second vacancy I should recommend Mr. Woodbridge, who though not a graduate of the Institute is an A.M. of Williams, and is a man of sterling worth who will certainly succeed as a teacher.

I hope, however, that it will be thought possible to retain Mr. Holman. I do not need to enlarge upon his value to us, nor to discuss the exceeding advantage of having one of the assistants a man of some experience as well as knowledge. Should Mr. Herck resign, the new assistant will during his first year receive but $500.–, $100. less than Mr. H. receives. If the Institute could give Mr. Holman $900, I think that he would remain for

fund to the assistant can not be increased, I will cheerfully do as well as possible with the force at my command. I cannot but feel, however, especially in view of the number of students who apply to take special courses in Physics — I expect three new ones next year — that it will be for the pecuniary advantage of the Institute even in the immediate future to retain Mr. Holman rather than to have a new man. This of course would give me a far ~~more~~ better chance to plan and develop our special and advanced work than if the routine of our regular elementary laboratory work were to absorb an undue share of attention.

I am spending a few weeks at this lovely sea-side farm abating the mingled pleasures of land and sea

and though I have a small library with me, all on the science of pure aesthetics to absorb a considerable portion of my time.

I have not yet consulted with the authorities of the Telephone Co. regarding the placing of instruments in the Institute, partly because I have been in the City but little, but chiefly because they are planning to use instruments for use in hotels, which will probably be what we need, rather than those now in general use. I have recently written to Mr. Forbes, however, with regard to the necessary connections at the time of the A.A.A.S. meeting. I asked for connections with the Natural History building, the Brunswick and the Berkeley Lyceum. Also for free transmission of messages. I hope to receive a favorable reply in due time.

I trust that absence from the City is giving you fresh stores of strength and that your summer may be one of genuine enjoyment.

Please give the regards of Mrs. Cross and myself to Mrs. Royce, and believe me as ever

Yours very sincerely,

Chas. R. Cross.

Newport July 10. 1880

My dear Prof Cross.

I have read your letter of the 7th inst. with much interest, and shall ~~confer~~ bring ~~on~~ ~~the~~ the subject to which it refers to the attention of the Corpn: on the School, ~~what will hold its~~ at its meeting next Wednesday.

I had a day or two before hearing from you rec'd a letter from Mr. Holman, of the general purport as to his own work & prospects ~~in regard to his own work~~.

and I shall certainly do what I can ~~impracticable~~ to retain

here in the Physical Department. Should his health be such as to enable him to give full attention to the duties assigned him, I think, with you, that the Gov would be as little as he might be, and be reasonably claimed by him, in view of his long experience and unusual ability.

I should however wish to have definite information in regard to Mr. Hendrick's purposes, as it is not at all likely that the Institute could be able to make any such addition to both the salaries. I am quite sure that the Gov't would desire to increase the compensation of other teachers generally as soon as the finances of the Institute allow them to do so, and I am not without a hope that something may be done in this direction at an early day.

If you have any definite news as to Mr. Hendrick's decision please inform me.

Trusting that your Mrs Crosby are enjoying a restful & happy season & with kindest regards to both, in which Mrs R. joins — I am yours faithfully

W B R.

WM. B. WHITING,
Vice-President and Secretary.

EDWARD ATKINSON,
President and Treasurer.

BOSTON MANUFACTURERS MUTUAL FIRE INSURANCE CO.

131 Devonshire Street,

X

Boston, July 10, 1880

Prof. Wm. B. Rogers LL.D.
Newport, R.I.

Dear Sir,

About two months ago, you spoke to me about my reading a paper on Mediate Friction at the August meeting of the American Association for the Advancement of Science. I have heard nothing further of the matter, but if it is your wish that such a paper should be read, I will begin its preparation at once.

On July 26, I expect to be away for about three weeks and wish to write the paper before leaving.

Yours Very Truly,

G. J. H. Woodbury.

done

B. U.

X

Newport July 10th
1880.

My dear Sir

I shall, as you suggest, accept your letter of July 5th in place of a formal application to the Institute, for a renewal of last year's agreement between the Boston University & the Institute of Technology, as regards the instruction given by certain of our Professors to the students of your school, & the compensation to be paid to the Institute for the same.

I shall submit your request to the Committee on the School at their meeting on Wednesday next, & inform

you of their action upon it.

Thanking you for your kind wishes in regard to my health

I remain yours faithfully

William B Rogers

Prest. Wm. F. Warren L.L.D.

July 11. 1880

Dear Mr Helman

I am much interested in the subject of your letter lately rec'd. and shall bring it to the attention of the Comm. on the School at its next meeting.

For the present I can only say that the Govt of the Institute will I am sure be ~~glad~~ very glad to improve the salaries of the teachers generally as soon as the finances of the Institute of their doing so.

The prospects of the School for the coming year are in all respects very encouraging & I hope as well as desire that progress will be made in this direction at an early day.

Albany Sept

I have been ~~[illegible]~~ deeply pained for Mr. Gerrish in regard to his plans for the next year — I have rec'd the impression from others that he would probably give up his position in the West, ~~[illegible]~~ more remunerative place in the Telephone Co — Much as I should regret to lose his services, I cannot find fault with him for such a decision — Can you tell me if he has actually determined on the change —

I shall write you as soon as I have any definite information to communicate. Meanwhile hoping you may find delight in your holiday among the Mts

I am yours faithfully

W. B. Rogers

[July 1880]

The Massachusetts Institute of Technology was incorporated in 1861 for the purpose of instituting and maintaining a Society of Arts, a Museum of Arts, and a School of Industrial Science.

The Society of Arts of which a special notice is given on page .... ~~xxx~~ numbers between two and three hundred members and meets at its room in the Institute building twice a month during the school year from October to May. The Museum has been well stocked and includes ~~besides~~ working models of machinery, ~~and~~ apparatus, ~~and~~ casts, prints, drawings, architectural plans &c.

The School ~~of the Institute~~ ~~Industrial Science~~ which is the central and most important feature ~~of the Institute~~ provides a series of scientific and literary studies and practical exercises, embracing pure and applied mathematics, the physical and natural sciences with their applications, drawing, the English language, history and political economy, French, and German. The studies and exercises are ~~so arranged~~ being arranged as to offer a liberal and practical education in preparation for active pursuits, as well as a thorough training for most of the scientific professions.

(Small Cap.)

The Regular Courses of the School are:—
1.—Civil and Topographical Engineering; 2.—Mechanical Engineering; 3.—Mining Engineering or Geology and Mining; 4.—Building and Architecture; 5.—Chemistry 6.—Metallurgy; 7.—Natural History; 8.—Physics; 9.—Science and Literature; 10.—An Elective Course.

appropriate to their work.

The Institute also provides afternoon or evening courses of instruction, scientific and literary, open to both sexes, these courses being at present supported by the Trustees of the Lowell Institute. A School of Industrial Design is also maintained in the Institute at the expense of the Lowell Institute fund.

A School of Mechanic Arts ~~& in which~~ has been established for those who wish to ~~be~~ enter upon ~~technical~~ ~~pur~~ industrial pursuits rather than to become scientific engineers. In this school some scientific theoretical instruction is combined with practical exercises in shop work. ~~[illegible]~~

Besides the principal building of the Institute shops have been erected for shop work, and for gymnastic exercises and military drill.

~~The particular record of the Alumni shows that~~

A very large proportion of the graduates of the Institute of Technology are holding important positions in connection with railroads, mines, metallurgical works, chemical and other manufactories, or as teachers of science.

The ~~Government of the~~ Corporation of the Institute consists of thirty six members exclusive of the Governor of the Commonwealth, the chief justice, and the Secretary of the Board of Education who are ~~ex officio, and~~ members ex officio.

The Faculty ~~33~~ Officers of Instruction consist of 16 are professors constituting the Faculty of the school, 9 are instructors and ~~assistants~~ assistants are about an equal number of assistants.

The President of the Institute is Gentleman B. Rogers Esq. and the Chemist of the Faculty is Prof. Jno. W. Draper, M.D.

Each of these courses extends through four years, and for proficiency in any one of them the degree of B.S., Bachelor of Science is conferred.

Advanced courses of study may be pursued for the degree of Doctor of Science.

Provision is also made for persons who desire to pursue only special portions of the regular courses.

The Institute also provides afternoon or evening courses of instruction, scientific and literary, open to both sexes, these courses being at present supported by the Trustees of the Lowell Institute.

Instruction is given by lectures and recitations, and by practical exercises in the field, the laboratories and the drawing rooms, these exercises being esteemed of fundamental value, as well for their educational effect as their professional utility.

Separate laboratories are provided for the departments of Chemistry, Physics, Mechanical Engineering, Mining Engineering, Metallurgy, Mineralogy and Lithology, and Natural History.

The Drawing rooms are large and well lighted, and each student has a separate desk.

The classes in the several departments of Engineering, Industrial Chemistry, Architecture, &c have the use of objects, models, drawings &c

Hon. Wm. H. Seward
Secretary of State
Washington D.C.

Sir

I have the honor to inform you that I have
this day taken the oath of allegiance to the
United States of America and have
received a pardon from the President
of the United States.

I am, Sir, very respectfully
your obedient servant
[illegible]

Washington D.C.
June 20th 1865

Pres. W. Warren

Newport July 15, 1860

Pres. Warren

Dear Sir

At a meeting of the Corp. on the School of the Institute held yesterday it was voted to recommend to the Corporation to renew the last year's arrangement of the Inst. with the Inst. Univ. in the matter of the instructing Prof. of the Inst. to students of the Brit. Univ. & of the Corporation to be rec'd by the Institute for their services. The adoption of this vote by the Corp. of Inst. cannot be held for some time, but you may safely infer it as certain.

I learn that it will be a great convenience to the Prof. of the Inst. who are personally

Interested in the ~~concept~~
of your city arrangements to
make the payments of
certain specified terms
so that they may ~~cancel~~
have when they may want
upon recd. the perfected.
Any details you ~~should~~
appoint will be
satisfactory —

Yours faithfully
W B R.

Pres. W. F. Warner

Bost. Venus.
20 Beacon St
Boston

Norwood Farm, York, July 12, 1880 (A)

My dear Professor Rogers — Thanks for your note which was received to day. I have heard nothing from Mr. Henck since I wrote, and shall not have time to get a reply from him and transmit it to you before Wednesday. But, inasmuch as his last statement to me on the subject was ~~that~~ even if the telephone matter fell through he should not feel that he could afford to remain, I think that we may regard his remaining as liable to occur only in case he can find nothing better.

And I do not think that he would himself wish us to refrain from increasing Mr. Holmans salary because it is impossible to increase his own also. One must be chosen, and I think that Mr. Neck would rather seek some other position than remain long even at a slightly increased compensation. With regard to Mr. Holmans' health I can only say that during the past year he has been much better and his only absence was a brief one caused by a temporary ailment remotely if at all connected with his diseased knee.

In haste

Very truly yours

Chas. R. Crosp.

Newport July 15th
1880

Dear Bro. Walker

Your letter of the 5th inst. which I communicated to the Comm: on the School of the Inst. at their meeting yesterday, was listened to with great interest & satisfaction as giving us the hope if not the assurance that you will accept the Presidency of the Institute. Our satisfaction was lessened only by the consideration of the proposed delay in the consummation of the appointment, and by the seeming uncertainty of your final acceptance.

There is a diff: of opinion as to the exact interpretation of your letter. While some of us look upon it as equivalent to an assurance that you will accept the position, & be ready to enter upon its duties a year from next Oct., others of the Com: infer from some of its language that it is your wish to leave the question of acceptance undecided for the present.

The Comm: desiring to avoid prolonged delay in their action, & at the same time anxious to meet

Your letter on the matter, authorize me to say that we will willingly await your further consideration of the subject offer, for the next six months, if you wish, by the end of that time, inform us definitively of your decision.

You will understand that it is not meant by this to interfere with your expressed wish as to the time of assuming the duties of the office, or with your preference in regard to the time of making the appointment known to the public.

Hoping for as early a reply as is consistent with your overwhelming tasks & wishing you an early relief from the vexed & perplexed questions

Yours faithfully

W. B. R.

Boston July 16th 1880

Dear Prof Rogers

Please accept my sincere thanks for your kindness in attending to the matter of my salary as Sec'y - I received the amount some days ago from Mr Tappan. I have just received the finished copies (762 in number) of the proceedings of the Soc Arts and I send you three.

The total cost of the printing is $141.24 this being within the limit of $150. I shall approve the bill and Mr Tappan will pay it.

I shall, however, delay sending the pamphlets to the members until the autumn, as so many are out of town at this time.

I shall leave Boston for Andover on monday next with my mother, (my sister is already there), and I expect to remain till the meeting

of the Assoc. in August, when I think I shall return to Boston. While in Andover, I intend to amuse myself mainly in making some special applications of Quaternions to Mechanics which from what little I have done thus far, appear to me to be promising and interesting.

My address will be

Care of Mr Cyloamus Poor
Andover Maine.

I hope you got safely back to Newport the other day and are quite well, as I thought you looked a little tired when I saw you. I hope you will be able to, and will abstain from work until the meeting of the Assoc, and thus get well rested.

Please present our kindest regards to Mrs Rogers and believe me

Yours very truly

Gaetano Lanza

will you do me the favor to
Act on this Commission – ~~Those~~
~~already appointed~~
Gibbs of Harvard, Chandler of
New York – Hilgard & R E Rogers
~~[illegible]~~ have already been ~~[illegible]~~
appointed ~~agreed to be members~~ & I hope
~~Write to ask~~ will join them, ~~to~~
~~Should keep the the Comm~~ is in
~~Coms. will be full~~ –
every way Complete.

Several of the members will
be conferences in Newport
[illegible] ~~at I count upon~~ your presence
at the A A A S – in Boston
next month. ~~For~~ The entire
Comm. can hold a meeting
then if not before.

To Prof J. L. Smith –
Louisville
Kentucky

July 13. 1880

Louisville Ky July 16th
1880

My Esteemed Friend

I received yours of July 13th and will act with pleasure with the Committee of Gentlemen you name — And as, at the time of signing of the declaration of independance, the only ink in use must have been Nut-Gall ink, there is every probability that the ink might be restored — I will be at Boston with my wife in time for the meeting of the A. A. A. S. next month — I will have to go east earlier for I have to meet the Centennial Commission (1889)

on August the 10th at N.Y.
Mrs Smith is quite well
and we unite in kind regards
to yourself & wife

Your old friend
J Lawrence Smith

P.S. – Scudder has drawn up the Local Com. circular, of which you will get a proof in a few days.

Peabody Museum of American Archæology and Ethnology.

HARVARD UNIVERSITY.

F. W. PUTNAM,
Curator of the Museum,
LUCIEN CARR,
Assistant Curator.

Cambridge, Mass., July 16 1880

Dear Prof. Rogers:

I have seen Mr Scudder & Mr Burgess about the Walker prize and we all agree that it would hardly be possible to get papers on so large a subject as the prize of last year in the short time between now & April. Now, why would it not be a good plan to give out the old subject of the "Tertiary Deposits" as the prize for April 1882, and propose some simpler question for that of Apr. 1881. It would also, I think, be a good plan to propose a subject for 1883, so

as to give plenty of time to any one who will take it up. I think want of time for the work has been one of the reasons why we have not had papers sent in.

You know I am the new hand in this matter and may be all wrong in my ideas. At all events I am ready to agree with you, or with Agassiz in what you think best. Agassiz will be at home for a few days about the first of Aug, so I understand.

I think, also, that the subjects should be advertised to a greater extent than formerly, and in this Burgess agrees with me.

I have a letter from Morgan, who is on Lake Superior now gathering strength for the Assoc. meeting. He will be in Boston a few days before the meeting. He wishes to write out all the little speeches he will have to make at the meeting, particularly the one in reply to your address as Chairman of the Local Com., and has asked me to get from you, if possible the particular points to which he will be expected to reply. As you well know, he is not a ready speaker and in order to have things go off in good shape we will have to help him out a little. If you could therefore give me the

headings of such portions of your address as you think he would require, it would be a great help to him.

I am satisfied that the meeting will be a grand one in many ways. I have several letters from old members stating they will be on hand and we already have nearly 200 new members to propose, 15 papers, all good, have been entered up to date. a large number for so far ahead of the time.
We shall have a very strong invitation from Montreal for 1882. The question will be when shall we go next year. But I suppose there will be invitations. We could well go West if wanted after two eastern meetings to be followed by Montreal in 82. Trusting that you are in good health & with my respects to Mrs Rogers

I remain Your very respectfully
F W Putnam

Prof Wm B. Rogers.

(9)

Dept of Naval Engineering

Gov. Rice's Letter ~~to~~
Reply of W. B. R.

Boston July 19, 1880.

Prof. Wm B Rogers.
Pres Mass. Inst of Technol
Newport - R.I.

My dear Sir,

I have recently received from Mr John A. Tobin, of the Engineer Corps, USN - now on duty at the Navy Yard, Portsmouth, NH - sundry documents of much interest, bearing upon the introduction of branches of naval study at the Institute - I do not now forward the documents to you, because (1) I am informed that you have seen some of them; and (2) because my purpose now is not to enter into details, but only to inquire how far you would favor such introduction of these studies, if some practicable way were presented; and what obstacles to their introduction (if any) you apprehend.

Should you think well of the subject, once presented to you somewhat fully by Capt Lee, I think, I shall be glad to cooperate with you for its accomplishment.

With great respect
Yours very truly
Alexander H. Rice.

X

American Association for the Advancement of Science.

OFFICE OF THE LOCAL SECRETARIES, BOSTON MEETING.

S. H. SCUDDER, E. BURGESS, } Local Secretaries.
Office at Boston Society of Natural History.

Cambridge
Boston, Mass., July 19 1880.

My dear Professor Rogers

I send you rough draft of the circular in proof for your revision and approval. I hope you will consent to the part checked in blue, which is Prof Baird's suggestion – Also of the part checked in red, which it seems to me desirable to add – The section marked O in ~~red~~ blue seems necessary. Mr Putnam says otherwise 9 persons out of 10 that come with families will ask for it.

Everything is to be ready to send the circulars off on Thursday, so that you can give this early attention and return to

Yours sincerely
Saml H. Scudder

Please address me at Cambridge

Newport July 21. 1880

Dear Mr. Holman

In my Conference with the Comm: on the School last week I found that they heartily agreed with me in wishing to retain you at the Institute, and that they desire to make such addition to your Salary as they can afford, consistently with the claims of others and the financial ability of the School. But no precise sum was fixed on & no vote was taken on the subject, as it was desired first

to have definite information ~~in regard~~ as to Mr. Henck's intentions, seeing that it would not be in their power to take effective action in regard to them to engage both Salaries.

Should Mr. Henck secure the expected position elsewhere, which we would be very sorry to lose his services in the Institute, we would feel less restricted in adding to your compensation.

I think however that, in any event, I can promise you eight-hundred dollars for the coming year, with the expectation of ~~an~~ an increase hereafter should the improvement in our Classes continue, & also "that you will be placed on the list of Instructors,

It was my purpose to write to you ~~[illegible]~~ but I have delayed in the hope of hearing ~~[illegible]~~ from Prof. Ordway or otherwise about Mr Henck's decision. But ~~[illegible]~~ As yet I am without definite knowledge on the subject. ~~If you [illegible]~~ Trusting that you will find it best ~~[illegible]~~ ~~[illegible]~~ with best wishes

Yours faithfully

William B Rogers,

Will you [illegible] interest or perhaps to obtain [illegible] for us. I am

W Silas Holman

690

Marquette Michigan
July 22. 1880

My dear Sir.

I presume you have thought over your "address of welcome" for the Boston meeting of the Association. As a reply will be expected from the President. I shall reduce mine to writing to be read by the Secretary.

I wish you would do me the favor to state two or three of your points that my reply may be reasonably responsive.

I shall remain here until August 12. Please address your answer to the care of Hon. Samuel P. Ely at this place

I have been here a month. and find that I have gained in health

health and strength. The summer climate of Lake Superior is very delightful; the finest, I think, within the limits of the United States.

The meeting at Boston, in the attendance, and in the number of papers, as well as in local advantages is likely to surpass all previous meetings.

Please present my compliments to Mrs Rogers, and believe me

Yours truly

G. H. Morgan

President W. B. Rogers
Newport. R. I.

Newport July 23d. 1880

Hon. Alex. H. Rice.

My dear Sir.

I have long thought that a Department of Naval Engineering & Architecture would, if well-manned, be a desirable addition to the educational plan of the Institute, & I have been much interested by the communication I have at various times rec'd from Capt. Luce, in regard to the aid which the Navy Department might furnish towards such an object. ~~But although~~

The matter has been more than once brought to the notice of "the Comm: on the School", but the indefiniteness of ~~the~~ information about it ~~and~~ the difficulty of finding in this country ~~of~~ a suitable representative of these studies and above all ~~the~~ our anxiety to ~~secure~~ reinforce ~~firmly~~ the already existing departments of ~~the~~ School rather than ~~for the~~ present, to add to their number, have prevented our giving the subject a full consideration.

Of course it would be unwise to make such an addition unless he could secure from the Govt the services of one or more teachers thoroughly qualified by scientific & practical training, to give character to the new dept. & to command a consideration not inferior to that of the other teachers in the Inst: Such a person has not yet come to our notice. The excellent young gentleman who has been so earnest & zealous in the matter although doubtless entirely competent to the routine duties of an ~~ass~~ assistant naval engineer, is deficient in the scientific training, to say nothing of the general education which ~~are~~ is necessary for one who is to take a prominent part in such work. With a suitable head to ~~such~~ the new dept his services in certain special work would no doubt be valuable.

I should be very happy to confer with you on this subject on my return to Boston in the autumn, when I trust some way may be opened for the Inst: to make a beginning at least in this new dept.

The Matter has been more than once brought to the Notice of "the Comm: on the School"; but the indefiniteness of ~~the~~ about it.

Newport July 23d
1880.

Revd John C. Means.

Dear Sir

I have recd your letter of the 23d ultimo with with the accompanying pamphlets entitled "The Proposed Mission in Central Africa" & Umzila's Kingdom, which I have read with interest as well as instruction. The opportunities which the proposed Mission would offer for making observations & collections illustrating the Geography Nat: Hist: & Climate of the newly explored countries ought I think to invite the cooperation of individuals & societies interested in such work. But although appropriate to the objects of associations devoted especially to Geographical explorations, such incidental contributions

to our general knowledge would scarcely I think be considered to fale within the scope of the Nat: Academy which is mainly devoted to the advancement of Science, pure & applied, by original research.

Even were it clearly within the province of the Academy to furnish aid for the purpose in view, the state of its financies which are quite inadequate to its own requirements would I think forbid its doing so.

I shale however confer with members of the Council of the Academy on this point at an early day & should they think such an appro-priation of its funds to be expedient I shale have pleasure in writing you further on the subject.

Believe me dear Sir
Very truly Yours
William B. Rogers.

X

Gordon House
Franconia N.H. July 24/80

Pres't Wm. B. Rogers -

Dear Sir -

Your letter of the 22nd inst. is at hand. I would hasten to thank you for the kind interest which you have shown as well in the work of our department at the Institute as in me personally.

In regard to the sum stated as the possible salary for the ensuing year I need of course make no definite statement of my feelings, since the matter is wholly informal. In the event of Mr Ames' withdrawal the question would of course assume a different phase. That we should be placed on the list of Instructors would be

a pleasant fulfillment of a request made by us a year ago.

As I stated in my previous letter my tastes and inclinations lead me to wish to stay at the Institute for the present and I am happy to acknowledge the kindly treatment which I have uniformly received from those of the Faculty and Corporation with whom I have been brought in contact.

With sincere regards I remain

Yours

Silas W. Holman.

61

Washington
July 26. 1880

Dear Dr. Rogers;

I thank you with all my heart for your very kind and generous letter – I dislike exceedingly to be with attitude receiving so much confidence and kindness, & yet withholding my decision on the question; but for the reasons stated in my letter to you from New Haven, it seems to me impossible to give

a conclusive answer. The time fixed to know allow me for making up a final decision will carry me past all impossibility for uncertainty. Meanwhile, as I stated, there is no other plan as thought for the future than to come to you on the termination of my present engagement.

With sincere respect,

Francis A. Walker

Prof. Wm. B. Rogers LL.D.

Newport. R. I.

To Prof. Walker
& his reply. July 26.

Inc. Prof. F. A. Walker

Mass. Institute of Technology.

BOSTON, Jul. 26 1875

Col. T. T. S. Laidley

Dear Sir

The arms & accoutrements belonging to the U. S. which have been for years in the Rooms of the Institute are now ready for delivery into your hands as required by the Order of the War, But ~~the~~ the Cases in which they have been for the past have been ~~since they were first stored, the dispersed, nearly rotted or lost & therefore new ones~~ have been made, & ~~which~~ will ~~cost~~ for delivery of two or three days for forwarding the transfer of the property to the Arsenal.

~~All~~ Arrangements will be made for some responsible person from the Inst. ~~shall~~ be present, when you shall be by me to receive the letters, to give any ~~information~~ that may be called for.

Respy

Are looking up the Outlet to Boston for the Value of Property
but Wrapped up in Salem Canvas
of Low Rear Cases

X

Mass. Institute of Technology,

Boston, July 31st 1880

President Rogers

Dear Sir

Mr Heck tells me that it is now certain that he will stay with the Telephone Co at least a year. I told him to write to you officially to that effect and you will doubtless soon receive his statement. So the way will be clear for Mr. Holman.

That paper on Military regulations I laid on your table some time ago with the other papers, but I do not find it now. We have had so much overturning that it is hard to find anything. I cannot conceive what has become of that paper for I do not see why any one should have taken it from the table.

But we are getting partially regulated again and it may re-appear.

We are hurrying somewhat now to get ready for the Dental Association next Tuesday. They propose to continue the meeting four days. I hope the ventilator of the large hall will be done by Monday night. The men are now at work on the top-most joint of it.

Respectfully yours

John M. Ordway

Newport July 31. 1880

My dear Mr Morgan.

Your letter rec'd some days since gave me much pleasure by its mention of your improving health, & by the consequent prospect that of your ~~would have~~ having abundant strength for the duties of the Boston Meeting. But you must not allow ~~any~~ anxiety about them to interfere with your ~~health~~ comfort, as at any time during the session you can call upon ~~any~~ one of ~~them~~ your Colleagues ~~for~~ to ~~call it to the~~ take the Chair as temporary ~~substitute~~.

You are mistaken in the idea ~~supposing~~ that I am intending to deliver a formal address of welcome to the A.A.A.S.

The Mayor of Boston Mr. Prince will I know no doubt be ready with a short one and Gov. Long whom I have invited to say a few words on the occasion & who can do so without trouble Mr. Prince, I take for granted, make a brief address. My share in the short ceremonies will ~~be~~ simply be making to introduce the parties to one another & to lead the way to the remarks of the Mayor & of the Governor & I must rely for what I say upon the suggestions of the hour. I hope you will not feel anxious about your part in these preliminaries a few sentences of a general kind, expressing the thanks of the Assoc. for its cordial reception will, I think, be all that is required.

~~Believe me~~

Trusting that you will feel in excellent condition for the meeting I remain

yours faithfully

W. P. R.

587

Commonwealth of Massachusetts.
Executive Department.

July 31 1880.

My dear Sir

I am in receipt of your favor of the 29th inst., asking me to say a word of welcome to the Friends of Peace & Advocates of Science in behalf of the State on the 25 of next August. I should be happy, at your request especially, to aid in so good a cause.

Very truly yours
[illegible]

Rossiter W. Raymond