5 Papers, August 1880

Boston Aug. 1. 1880.

My dear Sir,

I do not recall the writer of the enclosed letter, but I infer that he has been connected with the Institute of Technology. If so, would you kindly say to me whether you would recommend him for the position which he has assumed in Chicago. I regret to disturb your leisure; but if he be worthy, I would like to aid him.

Yours very truly

Alex. H. Rice

Prof. Wm B. Rogers
etc etc

Newton, R.S.

Sa Fe Nov. 1 1880.

My dear Sir I do not seek
to create offence or
offer the slightest
be been consulted with
the details of Delmonico
I have personally given him
my entire satisfaction of the
work. Nevertheless this I
the position which he has
assumed in Chicago. Respect
& friendship from Sincerely
he is worthy. Nevertheless
and from
the Delmonico
Yours

Newport Aug. 3. 1880

My dear Pres. Gilman —

It is your ~~[illegible]~~ good fortune as the head of ~~[illegible]~~ Inst— to ~~[illegible]~~ the encouragement of Scientific genius, &c.

It is your good fortune & I know it is your happiness as the head of the Johns Hopkins. ~~to feel that it is the office of the~~ ~~highest function~~ to encourage Scientific genius & to promote original research, I ~~need~~ therefore ~~make~~ make no apology for ~~calling asking of calli~~ commending to your attention — Alfred A. Michelson Master U.S.N. ~~Navy~~ a young officer whose truly remarkable experiments on the velocity of light, & other kindred researches & recently ~~[illegible]~~ have gained him a brilliant reputation among the physicists of this Country ~~reputation among the~~

physicists in this country — He

He has ~~[illegible]~~

Young Medallist has shewn

great capacity for organic

investigation & great ingenuity in

contriving experimental methods

that will ever keep his name

on record. But his physical

abilities stand not the test

~~to the wear & tear of the world~~

~~of prospects offered by his profession~~

~~because that he should be~~

~~[illegible] should not~~

~~same stand such strength of body~~

~~should not be lost to the world~~

~~for want of a change of occupation~~

~~or for want of the necessary means of~~

~~[illegible]~~ Should he be compelled to

contrary his present position

~~[illegible]~~

Wellington Dow he called on to

[illegible] his turn for 3 yrs at sea in

the ordinary regular service

& shortly to be sent on a scientific

physical investigation, to which

he has agreed & will have engaged to

although the wound Wellington says his

place in the navy for on Bp Stop his

[illegible] on college his friends have thought

been unable to find a suitable opening for him

[illegible] on [illegible] and [illegible] opening for him

Subject. Resignation as Assist. in Physics.

W. H. FORBES, President.
WM. R. DRIVER, Treasurer.
THEO. N. VAIL, General Manager.

THE AMERICAN BELL TELEPHONE CO.
~~No. 95 Mills Street,~~
Experimental Dept.
~~P. O. DRAWER 2.~~
109 Court St.

Boston, Aug. 5, 1880.

My dear President:

I am sorry to be obliged to tender my resignation as Assistant in Physics at the Institute. I should have been glad to remain there, but as you know the position I had was not one that I could afford to keep long. I have therefore accepted a place in the experimental Dept. of the Telephone Co. My appointment is for one year, with the expectation of renewal at the end of that time.

I shall always be glad to

serve the Inst. in any way I can, and shall not lose my interest in its welfare because I am no longer directly connected with it.

With best wishes to the Institute, and hoping that my place may be satisfactorily filled, I am

Respectfully yours

J. B. Henck, Jr.

Newport August 6. 1880

My dear Young friend.

I have this moment rec^d your letter resigning your position as Assistant in the Physical Dep^t. of the Institute.

While I sincerely regret that we are thus to lose your valuable services as one of our teachers, I feel that, in ~~justice~~ consideration of to your interests, I ~~should~~ ought to congratulate you on this new appointment, ~~in~~ which, with better compensation, you ~~will~~ ~~be~~ still ~~be able~~ be able to preserve an active connection with scientific thought.

Knowing that you will continue
~~to feel~~
~~am happy in believing~~ ~~opinion~~
that you will continue ~~than~~
to take an
~~to~~ interest ~~in~~ in the success
& reputation of our School, which
as Grad. I need not ~~add~~ say is a
~~hand appearing yet in Catalogue~~
~~I do not wish about left~~
~~Kind wishes I will ~~[illegible]~~~~
in the records of its Alumni,
with it - I am
~~and affectionately yours~~ ~~[illegible]~~
~~Affectionately & good wishes I am~~
Most cordially &
~~Yours~~ faithfully yours

William B Rogers.

John B Henck Jr.

Peabody Museum of American Archæology and Ethnology.

HARVARD UNIVERSITY.

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

Cambridge, Mass., Aug 7 1880

My dear Professor Rogers

In reply to your request I have sent blanks for membership & copy of Gen. circular — The meeting is at 11 oclock at the Institute on Tuesday — I received the letter from your brother & by this time he must have received answer from my asst. to his questions. I hope

he will be present at Boston meeting. I remember him as taking part in the meetings several years ago.

Capt. Owen has sent in his letter & asks for 60 min.

I shall have quite a lot of letters to show at meeting on Tuesday. Everything indicates a large & good meeting.

My Asst will take up her quarters at the Institute on Monday, so all details will be attended to at once there. If it is desirable I can reach me at any time I have the address at Cambridge. I now have the telegraphic rights under my charge of meeting over Western Union Tele. So I can telegraph to members. I am very glad you will be at the meeting on Tuesday.

Yours very respectfully
Geo. M. Pullman

Capt. Wm. P. Rogers
Newport
R.I.

7

American Association for the Advancement of Science.

OFFICE OF THE LOCAL SECRETARIES, BOSTON MEETING.

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

Boston, Mass., 8. 7 1880.

Dear Professor Rogers

I find your note on my return from Williams Commencement & note what you say. The circular for Mr Galton was sent to Capt Douglas Galton (& not to Mr Francis G. for whom I thought it might be intended)

There are some twenty circulars still left, if at any time you wish to have me direct others. I will therefore send to the gentleman suggested by Prof. Pickering & to Dr Baumhauer

Yours truly

Saml H. Scudder

X

It is proposed to hold a meeting of the Local Committee for the Geological Congress some time during the meeting of the Amer. Assoc. Adv. Science which begins in Boston Aug. 25. 1880.

James Hall. Chairman
by T. Sterry Hunt

Boston Aug. 10.

INTERNATIONAL GEOLOGICAL CONGRESS,

SECOND SESSION.—BOLOGNA, 1881.

SECOND REPORT

OF THE

COMMITTEE ON AN INTERNATIONAL GEOLOGICAL CONGRESS,

Presented to the American Association for the Advancement of Science at Saratoga, New York, Sept. 1, 1879.

At a meeting of this Association at Nashville, Tenn., Sept. 3, 1877, your Committee reported that its labors since its organization at Buffalo, New York, August 25, 1876, had resulted in arranging, with the help of the Geological Society of France, for an International Congress of Geologists to be held at Paris in August, 1878. It has now to report, farther, that this Congress, at first announced for the 19th, was finally fixed for the 29th of August, and was duly opened on that day in the palace of the Trocadero, the Minister of Public Instruction presiding for the occasion. Six sittings were held, with Mr. Hébert for president, assisted by many vice-presidents chosen from the various nationalities present;—Mr. Jannetaz being secretary-general, and Messrs. Brocchi, Delaire, Sauvage, and Vélain, secretaries.

The whole number of members enrolled was 328, of which

about 250 were in attendance. Of the members of the International Committee were present Messrs. Otto Torell, of Sweden, E. H. von Baumhauer, of Holland, and Messrs. James Hall, J. P. Lesley, and T. Sterry Hunt, of the United States. American geology was farther represented at the Congress by Messrs. George H. Cooke, W. P. Blake, E. D. Cope, and S. C. Chamberlin, with Mr. A. R. C. Selwyn from Canada.

Of other countries, Spain, Portugal, Italy, Switzerland, Belgium, Holland, Denmark, Norway, Sweden, Russia, Austria-Hungary, Roumania and Australia were represented in the Congress, but neither England nor Germany. The papers communicated were forty in number, covering a wide range of subjects, and often giving rise to important discussions. The Acts of this first session of the International Geological Congress are to be published under the direction of the secretaries, the expense thereof being generously defrayed by the French government. The volume is in press and will soon appear.

A part of the plan suggested by your committee was the organization of an International Geological Exhibition in connection with the Universal Exposition to be held at Paris in 1878, at which were gathered many important geological collections and maps. In furtherance of this plan, the local committee in Paris prepared and published for the use of the Congress, a catalogue of all these, and also of the numerous public and private collections of the kind which were liberally thrown open to the members. The hospitalities extended to the Congress were numerous and highly appreciated, and were terminated by a public dinner at the Hotel Continental. After the adjournment of the Congress, its members were invited to join in the extraordinary session of the Geological Society of France. This included a series of excursions in the vicinity of Paris from the 5th to the 13th of September, in which many of the members took part.

It was decided at the closing sitting in Paris, September 4, that a second session of the International Geological Congress should be held at Bologna in Italy, in 1881, under the honorary presidency of Sella, president of the Accademia dei Lincei of Rome. A local committee of Italian geologists was named, and has since issued a circular, a translation of which is given as an Appendix to this report. The future Congress is declared to be under the high protection of His Majesty King Humbert I, and under the

patronage of the city of Bologna, and will be opened September 29, 1881.

The principal subjects proposed for consideration at the coming Congress are comprised under two groups, and for each of these an International Commission was named by the Congress of Paris. The first of these Commissions is to consider the question of Geological Cartography and the adoption of a common system of signs and colors; while to the second Commission is referred the subject of The Unification of Geological Nomenclature. Under this title, as interpreted by the Congress, will be considered all matters relating to geological classification, as well as the value and significance of mineralogical, lithological, and paleontological characters, thus embracing many of the most important problems of geology. In naming these two International Commissions, so far as possible one member was appointed for each country, whose duty it shall be to organize therein separate local committees for each group, and to make known their constitution to the secretaries of the corresponding Commissions.

For the International Commission on Geological Cartography the American members are Lesley for the United States, and Selwyn for Canada, and for that on Geological Nomenclature James Hall for the United States, and T. Sterry Hunt for Canada. The names of the other members will be given in the Appendix. Your Committee are glad to announce that active preparations are already made in Great Britain and in Germany for the representation of these countries at the Congress of Bologna.

In view of the fact that the work of an International Geological Congress was initiated by this Association, and that it promises to become of permanent and increasing importance, it is believed that it will be for the best interests of geological science that this committee be continued, with power to add to its number; and farther that its scope may with advantage be extended to include the consideration of such questions relating to State or National Geological Surveys as may from time to time arise.

The whole respectfully submitted,

JAMES HALL, *Chairman.*

T. STERRY HUNT, *Secretary.*

The above report having been accepted by the Association, a

motion was made and adopted, to the effect that inasmuch as the Committee of this Association, as originally constituted, and as re-organized at Nashville in 1877, had joined to it, with the title of associates, several European representatives of geology, for the purpose of securing international action, and inasmuch as these foreign associates will henceforth be engaged in the local committees for their respective countries, their names be dropped from the present Committee.

At a subsequent meeting of the Committee, held at Saratoga, Sept. 1, 1878, it was decided to add thereto the names of George H. Cooke, James D. Dana, and Clarence King; the other members being James Hall, Wm. B. Rogers, J. W. Dawson, J. S. Newberry, C. H. Hitchcock, R. Pumpelly, J. P. Lesley, and T. Sterry Hunt.

APPENDIX.

Translation of the Circular of the Committee of Organization for 1881.

BOLOGNA, Italy, April 3, 1879.

"The International Geological Congress, which met for the first time in 1878 at Paris, decided in its last sitting that its second assembly should take place in September, 1881, at Bologna in Italy. On the same occasion, the Congress, while conserving to the Paris Bureau its powers until the opening of the session of 1881, named, for the purpose of arranging for this, a committee of organization, composed of Italian geologists, which has fixed its head-quarters in the City of Bologna.

With a view of more certainly arriving at a practical result in the coming session, the Congress of Paris at the same time adopted the following plan.

1. Two International Commissions are named, having for their object the study of the two following questions, which form the basis of the programme.

a. The Unification of Geological Cartography ("Unification des figurés géologiques".)

b. The Unification of Geological Nomenclature.

A third Commission is charged with the study of the rules to be followed in establishing the nomenclature of species in mineralogy and paleontology.

[This last, though appointed to report at Bologna, is a French Commission and not International.—Translator.]

2. These Commissions must send their reports before the end of 1880 to the Committee of Organization, which will cause them to be printed and distributed to the inscribed members, before the opening of the session at Bologna.

A detailed programme indicating the days of sitting, excursions, etc., will be distributed with the reports of the Commissions, or in any case before the opening of the session.

Those who desire to be inscribed as members of the Congress should make application as soon as possible either to the Bureau of the Committee of Organization (65, via Zamboni, Bologna, Italy), to one of the members of the International Commissions, or to one of the [Italian] delegates of the Committee. In making such application, names, titles, and residence should be fully and carefully given.

The subscription for each member is twelve francs, and the treasurer's receipt for this amount entitles the holder to a member's ticket, as well as to the Proceedings and all ordinary publications of the Congress. Tickets will be issued to members at the office of the Congress in Bologna, on and after Sept. 20, 1881."

The above circular is signed by J. Capellini, president of the Committee of Organization (to whom all correspondence should be addressed), and by T. Taramelli, secretary-general. All payments must be made to the order of J. Scarabelli, treasurer, at the Bureau of the Committee, No. 65, via Zamboni, Bologna, Italy.

The Italian Committee of Organization includes besides those above named, the following titular members: Messrs. Gemmellaro, Giordano, Guiscardi, Menenghini, Omboni, Pirona, Ponzi, and Stoppani, besides honorary members and delegates.

The Bureau of Paris, the powers of which are continued till the session in Bologna, consists of the president and secretaries of Paris Congress, already named, the treasurer, A. Bioche, and the following members: Davidson, Brighton, England; De Koninck, Liège; Sterry Hunt, Montreal; Johnstrupp, Copenhagen; Vilanova, Madrid; James Hall, New York; Daubrée and A. Gaudry, Paris; Szabo, Buda-Pesth; Capellini, Bologna; Ribeiro, Lisbon; von Baumhauer, Harlem; Stephanesco, Bucharest; von Moeller, St. Petersburg; A. Favre, Geneva. All communications to this Bureau must be addressed to No. 7, rue des Grands Augustins, Paris, France.

The two International Commissions named by the Congress of Paris, are as follows:

I. For The Unification of Geological Cartography: Ramsay, Great Britain; de Chancourtois, France; Guembel, Germany; von Hauer and von Hantken, Austria-Hungary; Ribeiro, Spain and Portugal; Giordano, Italy; Renevier, Switzerland; Dupont, Belgium; Torell, Norway and Sweden; von Moeller, Russia;

Lesley, United States; Selwyn, Canada, and Liversidge, Australia; Selwyn, of Montreal, being president, and Renevier of Lausanne, secretary.

II. For The Unification of Geological Nomenclature: T. McKenna Hughes, Great Britain; Hébert, France; F. Roemer, Germany; Szabo, Austria-Hungary; Vilanova, Spain and Portugal; Capellini, Italy; A. Favre, Switzerland; Dewalque, Belgium; Lundgren, Norway and Sweden; Inostranzeff, Russia; Stephanesco, Roumania; James Hall, United States; Sterry Hunt, Canada, and Liversidge, Australia; Hébert of Paris, being president, and Dewalque of Liège, secretary.

As already explained, it shall be the duty of the several members of the above International Commissions to form Local Committees in their respective countries to aid in the required subdivisions of their work. They must moreover send their matured conclusions, in the form of reports, to the secretaries of their respective commissions in such time that all the reports of these International Commissions may be in the hands of the president of the Committee of Organization, Prof. Capellini of Bologna, before the end of 1880.

T. S. H.

Boston Aug 10. 1880

Dear Sir I have just seen Mr R.C. Winthrop — Mrs W. is ill and they are about going to the mountains — Mr W has seen in the Post that a reception is proposed at his place Friday, (supposed to be 27th) He wrote proofs Monday 30th or Tuesday 31st but will assent to Friday if so desired —

At any time Mrs W's illness may oblige him to give up the entertainment

I think it will be difficult to arrange it as his house is two miles from the cars.

I leave today to be absent until 16th You had better keep the whole matter in abeyance till my return

Mr. B A Hill is at Magnolia — It seems to me that it is time to make the proper arrangements for the excursion that are decided upon

X

Please communicate with him if action is needed

Yours truly

Edw A Rowan

Saml W. Sendder Esq

Dear Prof. Rogers

I hope Mr Whittaker is not offended by our putting the notice in the circular. Friday is the only evening at our disposal. Monday is to be spent at Kenwood and Tuesday is the microscopical soirée

Yours truly

Saml W Sendder

Dr Gerrity declines. A circular was forwarded to Mr Whittaker

Newt. Aug. 12 1880

Mr. W. H. Pickering

Your note of the 10th to hand &c &c.

Mr. Hewett has resigned his position on the Corps of Instruction at the Institute.

An opportunity will be given to Mr. Wolcott Gibbs to have ~~offered~~ required in the Physical Dept & it will give me great pleasure to bring your application before the Committee of the School for their action in Sept.

The opportunity on the Chemical side will be made for consideration before the beginning of the next Sept. at their next meeting.

Where I shall be glad to see you & hear a pleasant chat, & ~~hope~~ you will find my hand & yours to be the same.

W. B. R.

X

Aug. 10, 1880.

Prof. Rogers,

Dear Sir,

I have heard through Prof. Cross that Mr. Keuck has decided to leave the Institute. I should like to make an application for the place through you, if it is to be filled this year. My address for the present is Marshall House, York, Me., or letters will be forwarded from the Observatory.

Very Respectfully Yours,

W. H. Pickering.

7

Boston. Aug. 11th. 1880.

My Dear Sir,

I have received from Rev. Charles Rogers Secretary of the "Royal Historical Society of Great Britain", a letter, dated the 26th. ult., in which he informs me that, not having been very well, it is his purpose to seek a change in the United States, and to leave England on the 14th. inst. in the Abyssinia for New York and that his address there will be to the care of Mess. A. & G. Taylor, 763 Broadway.

I thought it would be agreeable to you to know that one bearing the name of Rogers, and who had so distinguished himself by his learned historical and genealogical writings, would be, in this country, about the time of the meeting of the American Association for the Advancement of Science, in Boston, and I take the liberty of suggesting that an invitation be sent to Dr. Rogers to be present.

The Fellows of the R. H. S. residing

in Boston, are Hon. R. C. Winthrop, my-
-self, Judge G. W. Warren, and Rev. R. C.
Waterston, to whom I have reason to be-
-lieve it would be very gratifying to have
such an invitation given to Dr. Rogers.

Very truly Yours
R. H. Eddy.

Prof Wm. B. Rogers
Newport
R. I.

Aug. 12

X

Dear Mr. Scudder

I have just received rather an urgent letter from Mr. M. S. Greenough, (member of Common Council) through whom, at his own suggestion, the proposal was made to the Mayor about the excursion down the harbor, saying that the latter is wondering why he receives no communication from the Assoc., & thinks it high time that some definite arrangement as to boats etc should be made.

Mr. Greenough seems to think it quite important that someone shld call on his Exc. — whose dignity is perhaps wounded — as soon as poss.

Mr. Atkinson, who is chairman of the Com. on Expens. is out of town for some days, & in the absence of Mr Bowditch, who was to have been Sect. I do not know whom to address.

I think it would not be bad — by the way — if we should invite Mr. Greenough out on the Committee, or at least invite the Sec. He is an active intelligent man & good engineer, & I believe interested in such. Seems to me

Yours truly
James F. Cochran.

I leave Cambridge for Sunday but shall be in Boston at Institute by Monday noon

American Association for the Advancement of Science.

OFFICE OF THE PERMANENT SECRETARY,

F. W. PUTNAM, Permanent Secretary.
Office, Bank Building, Central St.

~~Salem~~ Boston, Mass., May 12 1880

My dear Prof. Rogers

I have in vain attempted to find Mr Appleton to hand him this letter, and as I do not know the Mayor, I send it to you hoping you will either write him directly or send some one to see him to make final arrangements. If you wish I will see him if you will arm me with a letter of introduction authorizing me to "treat" with him in your absence; but perhaps it would be best to arrange it through Mr Appleton – In great haste

Yours truly Saml. H. Scudder

SHAWMUT NATIONAL BANK.

X

Boston Augt 14 1882

My Dear Mr Rogers

Your note of 13th covering check from Mr Winthrop is received. I quite agree with you that the omission of the visit to Marblehead will relieve us from considerable trouble. I shall pass the check to Mr Scudder.

I thank you for your kind regard for me and am glad to say I am almost entirely recovered the use of my arm with many thanks to Mrs Rogers for her sympathy. Yours truly

John Cummings

X

Newport Aug. 15. 1880

Hon. C. F. O. Prince

My dear ~~Mr. Mayor~~ Sir

Although in my interview with you some weeks since I did not ~~omitted to~~ make a formal request in behalf of the Local Committee that you would address a few words of welcome to the Am. Assoc. for the Adv. of Science at its Opening Meeting on the 25th inst., I spoke to you of our earnest wish that you should do so, and was glad to feel, on leaving you, that it was your purpose to ~~you would~~ render us this important service.

Knowing how readily as well as acceptably you are accustomed to speak on these occasions of Civic hospitality, we have counted on your kind aid in the preliminary services of the first Meeting, and accordingly have arranged the Programme herewith set as follows.

1. The retiring President will resign the Chair to the President elect. who will make a brief acknowledgment

2. After some introductory remarks by the Chairman of the Local Committee (W. B. R.), relative to the Meeting & benefits of the Association he will introduce the Mayor of the Association, when

3. Mayor Pounce will welcome the Association, in behalf of the City of Boston

after which
~~the~~ Gov. Long will speak a word of welcome in behalf of the State.

Only a few minutes need be occupied by any of these addresses, and ~~it would~~ little ~~or~~ no formal preparation would be needed on such ~~occasions~~ a hearty welcome on your part would be more gratifying than the most elaborate speech.

You will be able to judge somewhat of the ~~usual~~ ~~character of the~~ character of the addresses from the ~~addresses~~ specimens in the Vol. of the St. Louis Proceedings, which at your request I left with you.

I am sure that you will find the Meeting an inspiring one, and I trust that you will make ~~you~~ the city's welcome felt.

I am in receipt from Mr. Spendlove
general-rec'd — I learn that he has
had an interview with you

Clerk

U. S. Training-ship Minnesota,
Boston, Mass.
17th August, 1880.

Professor,
Wm. B. Rogers,

Sir,

The very agreeable news of increased prosperity and encouraging prospects of the Institute of Technology impels me to refer once more to the subject of my letter of the 8th July 1875., in reference to the establishment in the Institute, of a Nautical Branch for the instruction

of Naval Architecture and Marine Engineering.

If you will kindly inform me at your leisure whether my letter should be addressed to you or to the Executive Committee of the Board of Trustees, I will esteem it a great favor.

Any letter addressed to me during the next two days will reach me at Portland, Maine.

Begging that you will present my kind regards to Mrs. Rogers, I am, with great respect,

Your obedient servant

S. B. Luce

Captain. U.S.N.

Newport Aug. 17. 1880

Revd Charles Rogers
Secy R.H.S.

Dear Sir.

Having learned from Mr. R. H. Eddy that you will be visiting the United States about the time of the Meeting of the American Assocn. for the Advancement of Science in the City of Boston I avail myself of the Opportunity to invite you to be present, at such times as you may be pleased to attend its sessions.

The Meeting will begin on Wednesday Aug. 25,

and continue for a week,
in the Building of the
Institute of Technology,
on Boylston St.

I remain dear Sir.

Yours very respectfully

William B Rogers

Ch: Local Com:
A A A.S.

Letter from Lieut. Brent.

Camp in the Field. Texas
Aug 30. 1880

Professor Rogers
President Institute of Technology
Boston Mass.

Sir

Yesterday I rec'd a letter from Prof. Wolcott Gibbs in reference to a matter of which I had written him and he informs me there is a vacancy at your Institute in the office of Instructor of Tactics. I have the honor to apply to you for said detail in the capacity mentioned and hope that in the event of obtaining your favor to perform the duties satisfactorily. The law is, that no detail will be made except on the application of the proper authorities of a College

to the Secretary of War and that no Officer will be detailed that is not acceptable to the authorities of the College. I graduated from the Military Academy at West Point in 1873 and feel that I could give satisfaction as an Instructor of Tactics in any branch of the Service. Enclosed please find page taken from Army Register of 1880 giving all information on the subject. Hoping favorable consideration I remain Very Truly

Yours, U. S. Grant
2d Lieut 4th Infantry

P. O. Address
Fort Stockton
Texas.

Dear Capt. Lee

Your letter of the 17th inst. was duly rec'd & would have been answered at once but for the pressure of my work caused with the approach. making up the Annual Report.

It is pleasant to find the appreciation of your interest in the welfare of the Inst. & to find that you are in the practice of Scientific Nautical instruction. Mr. Wheeler's letter to me on the subject of what the Dept of Naval Architecture & Engineering in the Inst. was to be. The Members of the Corp. at the time of the subject as afterwards received by Capt. & Lieut Tobey was on several occasions matter of Conversation & many times

But that was felt that the
Govt. could not under the
circumstances, take up the
Work and that a special case
was necessary, to enlarge upon it
by Letter or instruction through
Secretary as well as personal hearing.

I shall urge and to receive any
from the Comm. on the
Subject & to submit to the
Commission Resolution of the Gas:

at its next Meeting. What
further I shall be able about the
the 10th of next month

Please address me for
Commission Govt. of the Mass. Inst
of Tech., directing to this
place, directing to Newport
this place.

Yours

C D R

Newport
Aug. 20. 1880

X

U.S. Training-Ship "Minnesota" 1st Rate.
Portland. Me:
August. 25th, 1880.

To Professor William B. Rogers.

Sir:

I beg to submit for your consideration and that of the Committee on Instruction of the Massachusetts Institute of Technology the subject of my letter of July 8th 1875.

It will be remembered that the act of Congress approved June 20th 1874 "to encourage the establishment of public Marine Schools" contains the following clause, to wit: "that the Secretary of the Navy xx is authorized xx to furnish xx a vessel xx with all her apparel &c x, to be used for the benefit of any xx College having a Nautical branch xx for the instruction xx in Marine Engineering xx and the Construction of vessels; and the President is authorized to detail officers as instructors in such Schools or Colleges." This act was intended to supplement the 26th Section of the Act approved July 28th 1866, authorizing the detailing of Army Officers as instructors in Military Science

at any regularly established College.
The great advantages thus presented to our various institutions of learning by the Govern-ment seem to have met with but little appreciation. Under the provisions of this bill competent instruct-ors may be had for the asking, or at merely nomi-nal rates of pay; together with some of the most valuable apparatus for purposes of instruction in the possession of the Government.
In the interest of our vast and growing Mercan-tile Marine, and, indirectly in the interest of the Navy, I take the liberty of once more pre-senting this matter to your attention in the earnest hope that you will see your way clear towards establishing at the Institute such a "Nautical branch" as contemplated by the law; and thus while adding to your Curriculum these very important branches and enlarging the area of your usefulness, wide as it already is, you will afford an opportunity for many of the youths of our Country to prepare them-selves for those branches of industry becoming more and more important every year - viz: the designing and constructing of Ships and Marine

Engines.

It is quite safe to say that in the entire maritime world the United States is the only country of any standing that has not a school of Naval Architecture. It would be an honor the many friends of the Institute of Technology would be glad to accord to her of being the first to move in the direction of sup-plying this great want.

Two of our Cadet Engineers, recent graduates of the U. S. Naval Academy being desirous of studying Naval Architecture were obliged to go to England for that purpose; this country, boasting as it does of its educational facilities failing to supply the instructions!

I need not now enter into the history of Naval architecture - suffice to say that it is to the French mathematicians of the 17th Century that we are mainly indebted for some of our finest models of sailing ships.

But steam has now opened up new fields of investigation, and in its application to marine architecture we have no precedents.

We must be content therefore to depend upon the schools of Europe, or establish our own.

[8/25/1880]

Will not the Institute of Technology assume the honors and responsibilities of leadership in this direction? Her reputation and her local position render her eminently fit for the duty. Close by she has in the Navy Yard at Charles-town in the Machine Shops all the means for building Engines and boilers; mould lofts, building slips, ship houses, a dry dock, ships and their Engines and boilers under construc-tion, or undergoing repairs - all the appliances in short, of a first class Dock Yard - all open to her students and professors as soon as she shall avail herself of the provision of the law.

The plan I propose limits itself to a very small beginning. I venture to suggest that the in-struction in Marine Engineering be com-menced first and in a limited way, and to increase only as the experiment is found to succeed.

This, while involving no additional expense whatever, would enable the faculty to feel their way along and thus avoid mistakes. As this branch progressed, as it surely must,

it will then be time to add marine architecture which must henceforth go hand in hand with marine Engineering. – A competent instructor in this branch (Naval Architecture) will be more difficult to find as they are in this country very rare. But there is no doubt one could be found if required.

With these general views hastily thrown together I am,

Very Truly Your Obd't Servant.

S. B. Luce

Captain U. S. Navy

From Capt. S. B. Luce

Portland Aug. 25, 1880

Naval Architecture and
Marine Engineering