8

Papers, December 1880

TERMS OF MEMBERSHIP:
Annual Membership $3 00
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Half Morocco..... 2 25
Half Calf..... 2 50
"Treatment of Prisoners".. 1 00

MONTHLY PAPERS.
First Issue January, 1876.
Sent free to Members.
Other Subscribers, $3 per annum.
Back Nos. supplied in bound vols.

OFFICE
Southern Historical Society,
No. 7 LIBRARY FLOOR, STATE CAPITOL,

Gen. J. A. EARLY, President,
Gen. D. H. MAURY, Chairm'n Executive Committee,
Rev. J. WM. JONES, D. D., Sec'y.

Richmond, Va., Dec. 1, 1880

Prof. Wm B. Rogers

Dear Sir:-

May I presume on a very pleasant acquaintance with you at the University of Va to ask your help in my application for appt as Agent of the Peabody Fund?

I should not presume to ask this favor without enclosing testimonials from those whom you know, and whose commendation I venture to hope you may be willing to endorse.

With highest respect,
Yrs truly
J. Wm Jones

TERMS OF MEMBERSHIP:
Annual Membership.....$3 00
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BOUND VOLUMES OF PAPERS:
Cloth.....$2 00
Half Morocco.....2 25
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Gen. A. A. EARLY, President.
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Rev. J. WM. JONES, D. D., Sec'y.

Richmond Va., Oct. 1, 1880

Maj. Wm. B. Hayne
Charleston:-

Very pleasant acquaintance with you at the University of Va. to such your letter in my official capacity for official as President of the Southern Hist. Soc.

I should not presume to ask this favor without urgent necessity. Testimonials from those whom your heart would wish were commendation & sanction to take yes may be willing to endorse.

With high regard
Yours truly
Wm. Jones

United States Internal Revenue,

Collector's Office, 3 District, Massachusetts,

Boston, Dec. 4th, 1880.

William B. Rogers, Esq.
Mass. Inst. of Technology.

Sir,—

The Commissioner of Internal Revenue desires me to call your attention to the fact that the time conditioned in your bond, for the production of proof, as to the use of alcohol withdrawn from Bonded warehouse, for scientific purposes, has expired, and that such proof has not been received at this office.

You will please furnish the necessary proof, without delay, in order that the bond referred to may be cancelled.

Respectfully,

Merill J. Holway,
Deputy Collector.

No. .....

.....

Collector of Internal Revenue, ... District, Mass.

.....

..... Dec 4 ....., 1880.

No. of Enclosures .....

Officers of Internal Revenue must fill out the endorsement and brief on the back of each letter to the Department.

Meeting of Comm: on School Dec. 7, 1882

(1) Mention Whole No. of Students — = 330 —

(2) Acts of approval of Com. of the following appointments made previously — since their last Meeting —

a — Mr. Hooker to aid Prof. Ware — in consideration of his Testimonials.

b. — Barton SB. Assistant in Dept. of Drawing to aid Mr Mudge — The Nos. of pupils having greatly increased. Sal. $500

c Fred. Pearsons appt. to Jan. Chem. to assume Lowing's duties on — 500

d — Arthur W Stanborn in Mechanic Arts — Sec. work for 8 months at 40 p. mo — 320

e — Prentiss in Mechanical Laboratory — 500

— These were all approved by the Comm:

3 — Petition of Students of 4th year for leave to occupy for Lawn — Issues the ground between the Shops & Gymnasium, Not considered — it being too late in the Season.

4. Mr Hooker's proposition as to Sem. appropriation to Weaving Dept. of Sch. of Design — To be arranged by Mr. A. Lowell

5 — Mr. K: proposal to unite the Sc. of Design in another class of Depts. — Thought unadvisable — Need Inspection

6 Formal Vote, thanks to the well known Friend, of $600 for a Milling Machine for Sch. of Mech: Arts, given through Prof. Ware, Pres.t requested to send a vote of acknowl.t to Mr Bailey —

The following Vote was sent to Prof. Ware the next day —

"At a meeting of the Corp. on Sept. 7th of the Mass. Inst. of Tech. held Sept. 7. 1880. it was Voted — That the Corp. ~~[illegible]~~ tender their earnest thanks to the generous friend who through Prof. Ware has presented to the Institute the sum of $500 to be applied to the purchase of a Milling Machine for the use of the Department of Mechanical Arts."

~~The~~

7. The appointments of Mr. Tolman as Instructor & Mr. Pickering as Asst. in Physics at $900 & $500 respectively, were confirmed.

8. The Corp. confirmed action of Faculty in allowing the changes of Lessons requested by the Students in their Depts.

9. ~~Shall~~ The Title of Mr. Prof. of Hyd. Engr. be changed by striking out "Hydr." Shall Prof. Crafts' name be discontinued on Cat. This is the 7th Session of his entire absence. Agreed to, & the mode of proceeding left to me.

10. Corp. agreed to refer the Cat. to Pres. & authorize the printing of 5000 Copies.

11. Corp. referred the Question of accepting Prof. of Telephone Co. to the Pres.

I have informed the Co. I can make the Telephones in their use without charge — but must be at the expense of putting them up & maintaining batteries. This is estimated at 150 dols. I have obtained Mr. Cummings' consent to this arrangement.

12. Consult the Corp. as to the expediency of promoting Instructors Leguenis & Letang to be Assistant Profs. in their respective Departments and at the same time raising their Salaries. This was agreed to by the Corp. without dissent — provided the President found that Profs. Ware & Otis were favorable to the change of Title proposed —; the matter being left in his hands for ongoing & decision. Profs. Ware & Otis answered favorably.

I have consulted Mr. Cummings, who thinks that the morning Session should take effect Jan. 1st when the Changing Titles will have been announced & the new Catalogues. This I shall accordingly communicate to Messrs. Letang & Leguenis —

13. The Corp. confirmed the action of Sub-Corp. in appointing Col. Jno C. Chadwick as Military Instructor at Salary of $400 —

Resolved that the Faculty having by unanimous vote decreed that Mr Lagrange be made a member of the Faculty, I be allowed to consult with the Board of Regents authorized this to be done

~~Dropped the — Name of Prof.~~

Chairs from the Cat. — —

Commonwealth of Mass.
County of Suffolk } ss
City of Boston

W. B. Rogers of Boston aforesaid being duly sworn on oath deposes & says that the collection described in his bond of Oct 10. 1879. & for which a permit of the Sec. of the Treasury was duly granted has been used exclusively for the work of the Museum of Technology & School of Mines of the Mass. Inst. of Tech. as described in said bond & permit

Subscribed & sworn to before me in said Boston, this day of Dec. 1880

Meeting of Coff. Dec. 8. 1880 pres.
Call for Reports — Resolutions and Reports

1. The Commr. on School have appointed J. F. Chadwick to the Mining Dept. at Sal. of $400

2. Have appointed
(a) Geo. H. Barker Assist. in Drawing at 500 for the Legislature.
(b) Stephen Salas & Wolcott Instructor in Physics — at 900 per an.
(c) W. R. Perkins to be assist. in Physics — at 500
(d) Fred Pearson Assist. in Gen. Chemistry to succeed the former Asst who resigned — at 500
(e) Mr — Pierson in Mining Lab. at 500
authorized
(f) Arthur W. Sanborn as assist. in Gen Chemistry at $40 per month for the Legislature — authorized

3. Mention the acc. of the bequest of 10.000 from Mr. Moses Nash
Bd. the authorities & regents — to write

4. Com. on School & report Prof's Commissi & Prof. R. as a Committee to ask from the Legislature an extension of the Act granting us a piece of Land - Rev. Society Church - Adopted

5. Communication of Prof. Norwood Arch. & Engineering -

Pres. authorized to appoint a committee to consider the subject.

+ { Ask Prof. R about Prof. Crafts resignation -

Ask Prof Ware about ~~[illegible]~~ Lecturing - & Prof Otis about Lectures -

Henry D. Hyde, a Corporation -

Prof. Crafts ~~[illegible]~~ Prof Analyt & Org. Chemistry for the 3 sessions of 1871. 2. 1872. 3 & 1873. 4 - but has been absent in Europe ever since - the present being the 7th session, his name being still retained on our Catalogue -

202

Dec. 9/80

Prof. Wm. B. Rogers

My dear Sir

A few days ago I recd the "Memoir of the Hon. James Savage by Geo S. Hillard" probably sent to me by your kindness — I was glad to get it not only for the information it gave about our Primary Schools and the interest Mr Savage

took in founding
them, but particu-
larly because the
memoir was written
by an old friend
— I found it very
interesting — Mr
Savage whom every
body respected
could not have
had a better biographer
— Believe me
respectfully
and truly Yrs
C. H. Dillaway

P. S. A week ago I
sent you the Mss. of
what I had written
about the Mass. Ins.
of Technology for
your examination
and correction —
If you can give me
any additional informa-
tion concerning it
you will confer a
favor on me

YALE COLLEGE MUSEUM,

NEW HAVEN, CONN.

Dec 17th 1880

Dear Professor Rogers.

Professor Whitney positively declines to prepare the notice of Mr. H. — on the same grounds (I may say confidentially) that Trumbull gave. viz. that he did not regard Mr H. as a philologist.

Professor W. suggests Lesley of Philadelphia.

who, as a friend of Mr. H. and familiar with all his work, could do full justice to his memory.

I am very glad to learn that you are so much better, and that you will soon be perfectly well again.

With kind regards to Mrs. Rogers,

I remain

Yours sincerely

O. C. Marsh.

Professor W. B. Rogers.

117 Marlborough St.
Boston Dec. 13. 1880

My dear Prof.

Dr. Lecontè, in a letter to Prof. Coffin, has very positively declined to prepare the Memoir of Prof Haldeman, and urges that "for twenty three or twenty four years past his (H's) scientific work, the most important of his life, has been quite outside of Biological Science." This quite agrees & goes with my impression, and knowing H's devotion for this Prof to time to Philology & American Archaeology, I at once looked to one of the learned

of Waldemar, would be ready to Duff's appointment
Secretary to his brother.
I have not yet started for your Nat. Acad
letter with the Secretary of the
& Dr. Rees
I read Rees ~~[illegible]~~
delighted I have his to his the Mercy was
in all respects so successful. Believe me
Yours faithfully
Cortlan B Rogers
Prof O. C. Marsh.

Students in those departments,
belonging to the academy for the
preparation of
the Memoir.
Do you think that Prof
Whitney, who I believe was
well acquainted with Prof
Waldemar, would be willing
to undertake the task. Dr
Brinton of Phila is I understand
preparing an elaborate
memoir of the life & works of
Waldemar, for the American
Philos: Society, ~~& I need I am~~
~~sure gladly forward any~~
~~information that Prof he~~
~~desired.~~ Mrs Sarah Haly
of Harrisburg Pa., the sister

Boston University,

PRESIDENT'S OFFICE, 20 BEACON STREET,

BOSTON, Dec. 18th 1880

My dear Sir:

I am rejoiced at the news from Washington. Now for a general rally of influence to carry the bill thro' the House before the political bush-whacking & interminable debates of spring begin. Can the Institute not send

send on its President or an influential Trustee to work for the bringing forward of the measure at the earliest possible moment? I have written to Governor Claflin urging immediate action & before he went I spoke to him of the importance of the measure. I have also written twice to Amherst over yesterday & to-day. Whatever cooperation & combined influence the Agricultural Colleges can bring to bear will surely not be lacking.

Excuse great haste

With best wishes as ever

Yours truly

Wm. F. Warren

P.S. I think the only peril is in <u>loss of time</u>. The bill should be got in as first business after the

recess & if it can be
it will pass.

President W. B. Rogers.

Boston Decr. 15th 1880

Prof. William B. Rogers.

Dear Sir

I should like to confer with you, in relation to a benevolent project Mrs. Elizabeth Thompson of New York has on her heart at present and has placed in my hands, or entrusted to my care to bring before the public. She is desirous henceforth to assist those who are doing something to benefit the world with ideas or inventions, or to assist those who are trying to help themselves and the world to more intellectual and material wealth. I am ~~anxious to~~ desirous to have her fortune, or a large part of it, ultimately devoted to such improvements and investigations as the "Society of Arts" and the "Institute of Technology" propose. Any time that will suit your convenience I will endeavor to see you if agreeable

Truly Yours John Newell

Our friend Russell's decision appointed us ate. he left but little and we have nothing among —

29 Union Park. or 39 Court St
Boston Mass

Dec 15, 1880

1

Eliz. Thompson

Hume

Department of the Interior,

BUREAU OF EDUCATION,

Washington, D. C., December 21st, 1880.

Dear Sir:

You are doubtless aware that the U. S. Senate last March directed this office to prepare a report on the condition of technical education in the schools and colleges endowed in whole or in part by the United States. In that month a copy of the enclosed printed letter was sent you, to which no reply has been received.

While a tolerably satisfactory account of the condition and work of the Massachusetts Institute of Technology may be prepared in this office, it would be better that such a statement should be made by some one fully acquainted with the institution. Will you therefore kindly furnish a report, or would you prefer to have the work done here? If the latter, please send any recent printed information

[12/21/1880

bearing upon the points noticed in the enclosed circular.

I am, very respectfully,
Your obedient servant,
Chas Warren
Acting Commissioner.

William B. Rogers, LL.D.
Pres. Mass. Inst. of Technology.
Boston,
Mass.

630

Univ. of Virginia
Dec. 22. 1880

Professor W. B. Rogers
Boston -

My dear Sir

May I ask you under what circumstances additions are made to the membership of the National Academy of Science?

I am aware that it is a body of limited numbers, but whether restricted by rule to a particular number, or variable in this respect, and merely limited by the private choice of the existing members after the manner of social clubs, I do not know.

Several years ago Professor Henry mentioned the Academy to me in conversation in Washington — he introducing the subject — and re-

marked that there had been some feeling against the election of people identified in any way with the Southern States, but I suppose such feeling has passed away before now.

I was sorry to hear from Professor Smith that you were not well at the time he saw you in Boston in the autumn, but I trust that you have long since quite recovered.

Asking the favour of my kind remembrance to Mrs Rogers,

I am, my dear Sir,

Very truly Yours,

J. W. Mallet

Second Geological Survey of Pennsylvania.

J. PETER LESLEY, State Geologist.
1008 CLINTON STREET, PHILADELPHIA.

Philadelphia Dec 24th 1880

Prof. Wm. B. Rogers,
No 117 Marlborough St. Boston.

Dear Sir;

I take pleasure in accepting the duty which you appoint me, to perform, in preparing a biographical memoir of my dear old friend and companion in science, Prof. S. S. Haldeman, and will endeavour to have it ready to read at the meeting of the National Academy in the Spring.

Very sincerely yours,

J. P. Lesley.

From J. P. Lesley
accept's appointment to
read papers in Haldeman

1880 ? X

Dear Lei –

Your letter of – was duly rec'd & has been placed on file for future reference should the desirable vacancy occur.

The military institute at the Institute is a very good institution, and is highly esteemed by our students of the 1st class, & is a very valuable conservation, in addition to her school expenses, the uniform & equipments being furnished by the State. It is hoped that the act which is I believe now pending in Congress, making the pay of regular officers detailed at the State, will enable us to have, as in former years, the services of an U.S. officer detailed to us for the session. Otherwise the State probably will have the services of an retired officer as in 1878 & 9 – at a small salary. In such case I shall feel at liberty to select some one from this vicinity, whom I shall probably think the institution to offer and shall be under no obligation to any other person or obligation to hinder the discharge of duty –

Autumn 1880.

My very dear Prince

I am very sorry your illness prevents your from attending the meeting yesterday

All however went very smoothly and the government appeared quite satisfied with the last Queens result.

We are surely beginning this year with very bright prospects. I hope you may very soon recover

When you are able to see me I shall be very glad to call at your house

I am sincerely yours.

John Cummings

Kastner
1880

To the Committee of the School of Technology

As I am interested in the School of Design, let me ask your attention to the importance of training pupils to observe and work from natural objects and from actual forms in distinction from other drawings or patterns.

Many designers are employed in this country for the decoration of printed fabrics, and the successful ones are usually Frenchmen or those who have worked in French work-shops, where the student is subjected to a severe course of study in drawing directly from natural flowers and artificial forms, if the natural flowers can not be obtained.

The practice in this country for attaining a facility in drawing, is to work too much from copies, which, in a very limited degree, exercises the qualities required to produce original designs.

It seems almost unnecessary to remind one that to learn to draw a flower, the studen

must observe the flower itself, both as to form and color. This is so well understood in France that no other method would be permitted.

The world acknowledges that French taste is preeminent and if American designers are to compete with those of Paris, the course of study must be as thorough here as there.

So far, the attempts in this country to teach the art of designing for the use of manufacturers, has had some success, but not that complete success, which it is possible to obtain. These failures I attribute to the total ignorance of pupils in regard to drawing from nature.

The attempts made before the Lowell School of Design was established proved failures, and resulted only in disappointment to all interested.

I repeat it, the only success for a designer, — an original designer — is to draw from nature.

Nature will give the designer the freedom, the beautiful curves, the elegance, and the originality to make designs — the work which I wish to accomplish.

Charles Rasmussen

II

[1880?]

Lowell School of Practical Design

Report for the Years 1878-1879 and 1879-1880.

Mr. President:

Reviewing the work of the years 1878-79 and 1879-80 I can but be pleased to note the advance made by the pupils in the several branches of designing. I had to contend with many difficulties, as the materials for study are very limited and a new supply is very much needed. Notwithstanding these facts, I was in the last year, able to supply six designers to fill the demands of manufacturers, and in the present year the same number of pupils have obtained situations in various branches of industrial art.

The demand for designers is much greater than I can at present supply, and

manufacturers in all branches of industrial art, as well as manufacturers of Prints and woolen goods are calling upon me for a supply of young designers. I have already furnished designers for China decoration, lithography, glass decoration and manufacturers of printing and weaving. If the school were better supplied with material, better satisfaction could be given, and the subscription for samples of Claude fine is greatly to be desired.

Weaving Department.

In the year 1879-80 I have been able to work the looms, and the progress so far has been very encouraging. We have woven some cotton and wool goods and all-wool goods for suitings and the result has been good considering the short time that the looms have been worked. The supply of cotton warp and woolen filling has been very kindly given by Mr. James L. Little and Mr C. R. Mudge, while Messrs Robt. Blackie & Co of Hyde Park presented the school with a full supply of worsted warp and woof (filling). Next year the Jacquard loom will be running, and I look for even better work than has yet been turned out; at the same time the pupils will have afforded them a wider field for the study of designs for woolen goods, and I intend to instruct in the designing of brocaded damask patterns for cotton as well as silk goods and ribbons. The assistant* in the weaving room, who was first instructed in this school two years ago, and has had a situation in the Washington Mill since then under the designer for weaving, has had good practice, and has gained much knowledge of the art, has enabled me to give a favorable start to the instruction of designing for woolen fabrics.

* Mr. Wm Fisher.

The pupils are very anxious to learn but are so poorly grounded in the first elements of drawing that it greatly retards their progress. For this cause designers for lace curtains and wall papers are less numerous in the school because those designers require more knowledge of drawing flowers from nature and ornamental scrolls than do the designers in other departments of industrial design.

The school is under obligations to several dealers in carpets - prints &c for their courtesy in presenting numerous samples of their goods, and they have been of great service to me in instructing the pupils of the School.

I hope next year to bring the school to even a higher standard of perfection than has yet been accomplished, for greater interest is daily felt - in

[1880?]

its welfare, and with the encouragement of the public it may greatly increase its sphere of usefulness.

I have the honor, Mr. President, to submit the above report, and remain

Your obdt servt

Charles Kastner

Director and Instructor of Lowrie School of Practical Design.

Names of Pupils of the School who obtained situations in 1879.

Lizzie C. Bean	Trenton N.J.	China decorator
Wm Pierce	Mystic Mill	Carpet designer
Frank Woods	" "	" "
Geo. Albro	Oriental Mill	Print "
H. W. Meinhardt	" "	" "
Jno. McMann	Lowrie Carpet Co.	Carpet "

Names of Pupils of the School who obtained situations in 1880.

Lizzie T. Burns	Oriental Mfg.	Print Designer
Delphina Weston	" "	" "
C. H. Lewis	N. E. Glass Co.	Glass Decorator
Otis C. Putnam	" "	" "
Fred R. Frost	American Print Wks.	Print Designer
Wm. V. O'Leary	N. E. Glass Co.	Glass Decorator

[1880?]

Dr. Billings tells me that the Report has been printed by Congress. The Nat. Bd. of Health have expended a large part of the money appropriated to them for last year in their investigations. Among them was the inoculation of animals made by the 2 Physicians of the Hospital at Havana last Summer — to respond to the propagation of Yellow fever in lower animals, by transfusion &c. — which was unsuccessful & other investigations relating to this disease —

The remaining fund in their hands will be expended in building & equipping the Lazaretto which has to be established —

What the Board most of all desires is an appropriation to enable them to carry on the scientific investigations through which only, we can hope to become wise in knowledge as to prevention or cure. Congress has made no appropriation yet.

The death of Prof. Henry has created a vacancy in the Board of Trustees of the Tyndall fund for American Scientific Students — & the loss of Prof. Tyndall's great services at the death of the Pres't of the Nat. Acad. of Sciences fills such vacancies when they occur — I appointed Pres't Barnard to the place.

Jan. 12. 1880 —

In compliance with the requirements of the act of Congress March 1879, establishing a Nat'l Board of health which directs the Academy to cooperate with said Board & to report to Congress at the next Session, I transmitted to the Speaker of the H. of Rep. a copy of the Report of the Comm. of the Acad. ~~appointed for~~ passed by them in joint meeting with the N. B. of Health — and I also ~~at the same time~~ transmitted a copy of the same to the President of the U. States.

1880? X

Dear Madam.

On consulting with Prof. Warren & other instructors at the Inst. - who also have familiarized with your son's work at the School I feel authorized to say to you that if he will prepare himself this season so as to pass a satisfactory exam. in Descr. Geom. on the March of the 3rd year, or as to be admitted to the Freshman Class of Architecture & so on to some advanced class if he is prepared to pass a successful work the next year or two as the studies of the first year are. I shall expect to be able to help him in the first of his Freshman year.

From all I can, he is quite
<u>anxious</u> to make up his deficiency in
the Scientific part of his Studies & to go
through the 4th year cordially but
he should not undertake the work
unless he is sent or pursuing the
work unwavering diligence.

Prof Lang – has prepared in
Photographs. my full notes of the 3 or
4 years work in his dept. & will be
glad to forward to you on
a copy of the same. & I shall
address you on – to Lan Prof L.
on the subject as early as possible
as the Prof states of making a visit to
Europe shortly –

I venture that the young gentleman will
prove heartily endorsing the Sci. next session –
as a Regul. Stud. under the highest
auspices – I remain &c –

W. B. R.

To Wm C M Alden
W. Roxbury.

Elections.

The following new members were elected John W Powell of Washington D.C. and William H. Brewer of New Haven Conn:

The Election of Foreign Associates was deferred.

By a vote of the Academy the pending nominations were continued to be acted on at the April session of ~~the~~ 1881. & two additional nominations were made.

At the request of the Natl. Board of Health communicated by its Presdt. Dr. J. C. Cabell the Academy voted to continue the Committee which had been appointed by the Academy to aid & cooperate with said board.

Scientific session held in New York city Nov. 16 to 19 inc. ~~was convened~~

The second session of the Year was convened at Columbia College New York city Nov. 16. ~~and~~ 1880 as directed by the Council at the April session.

The meetings were devoted to scientific papers & discussions only, ~~& there~~ The session was attended by the following members: Marsh (O.C.) Vice-President, and Messrs Agassiz, Baird, Butler, Barnard (F.A.P.) Chandler, Coffin, Cope, Draper (H.) Draper (J.W.) Gibbs, Gould, Hale (J.) Hilgard (J.E.) Hunt, Langley, Mayer, Morse, Morton, Newberry, Newton, H.A., Peters, Pickering, Rood, Rutherfurd, Scudder, Silliman, Trowbridge (W.P.), Trumbull, and Young.

In the absence of the Pres^t who was unable to attend on account of illness the Vice Pres^t occupied the chair.

Twenty Eight ~~The~~ papers were read & discussed at this session. ~~which follows~~

[1880?]

The members of the National Board of Health were invited to be present and to take part in the scientific proceedings. After a short address by the president of the academy the following papers were read and discussed:

TITLES OF PAPERS READ.

Draper, H.—On Photographing Spectra of the Stars.
Young, C. A.—Spectroscopic Notes.
Woodward, J. J.—Original Researches Reported in the Second Medical Volume of the Medical and Surgical History of the War of the Rebellion.
Dalton, J. C.—Some Observations on the Structure of the Human Brain.
Lesquereux, A.—Some Remarks on a New Map of the Catskill Mountains and on the Topographical relations of that mountain group to the adjacent regions of the Appalachian System.
Alexander, S.—Brief Comments on the Nebular Hypothesis of La Place.
Hall, J.—On some new and remarkable forms of Crinoidea from the lower Helderberg Formation.
Hall, J.—Notes on the Lycopæditis Veneuxemi and allied forms.
Loomis, E.—Mean Pressure of the Atmosphere over the United States at different Seasons of the Year. (Read by the home secretary.)
Hall, A.—The Satellites of Mars in 1879. (Read by the home secretary.)
Alexander, S.—Questions as to a very Direct and Simple Method of Ascertaining the Ellipticity of the Terrestrial Spheroid.

Sessions of the National Academy.

Two sessions of the Academy were held during the year 1880, of which the earlier or regular annual meeting was convened in Washington April 20 to 23 & the second devoted entirely to scientific subjects was held at Columbia Coll: in New York November 16 to 19 inclusive

As the proceeding of the Academy at the former of these sessions have already been described in some detail in my report printed May 1st 1880, it will be unnessary to give full particulars of them in the present report.

39.

At this meeting, 39 members were present. 26 papers were presented, of which five were contributed by persons not members of the Academy & a biographical memoir of our distinguished President Joseph Henry prepared by Prof Simon Newcomb was read by Dr Elliott Coues

Academy
Ann: Rept. April 1881.

[1880?]

2.

AMENDMENTS TO CONSTITUTION AND RULES.

The pending amendment to section 5, article IV, of the constitution was adopted.

A substitute for amendments offered by Messrs. Hilgard, Dassiz, and Alexander, to section 5, article IV, was recommended by the council, considered, amended, and adopted in committee of the whole, to be voted on at the next stated session. the council being authorized meanwhile to make such verbal changes as would more clearly express the sense intended.

The pending amendment to section 2, article V, of the constitution was adopted.

Rules XI and XIII were amended so as to read:

The printing of the academy shall be under the charge of a Committee of Publication, to consist of the home secretary and four other members to be named by the president with the advice and consent of the council.

All papers presented to the academy and intended for publication shall be referred, at the meeting at which they are read, to a committee of members competent to judge whether the paper is worthy of publication. Such committee shall report to the committee on publication as early as practicable, and not later than the next stated session.

The following new rule was adopted:

Ballots for election of members may be sent by sealing them up in a blank envelope, and inclosing this in another, across the back of which is written the name of the sender, and which is addressed to the home secretary; such envelopes will be opened only by the tellers.

The home secretary was instructed by the council to call attention to the new rule for voting on candidates for membership, to prepare such rules as may be necessary, and also to direct attention of members to the necessity of signing their names to proxy-votes, and of paying their dues before voting.

Section 5, article IV, ~~as last~~ in the amended form, adopted ~~by the council to be voted on by the Academy reads as follows Academy~~ in committee of the whole April 1880 ~~Academy~~ reads as follows

SECTION 5, ARTICLE IV.

The words of the original draft struck out by the Council are enclosed in brackets; those inserted are in italics.

Elections for membership shall be held in the following manner: Each member may inscribe on a ballot *not more than five* [the] names of nominees *selected from the list* [not exceeding five in number.] Absent members may send such ballots to the Home Secretary. From the seven names receiving the highest number of votes in *this* [the] preference-ballot the members present may proceed to elect new members in the following manner: At each ballot each member present may vote for not exceeding three persons, and the *person* [name] receiving the highest number of votes shall be declared elected: *Provided*, That he receive two-thirds of the votes cast and that *his* [the] name appear on not less than twenty ballots: *And provided further*, That the number of *members of* the Academy be not already one hundred or over, in which case *to be declared elected* he must receive four-fifths of the votes cast, [to be declared elected,] *and his name must appear on at least twenty-five ballots.*

Should several candidates have the same minimum number of votes [a selection from them] on the preference list *the requisite number for completing the list shall be selected from them by a two-thirds vote of* [of seven may be made by ballot by] the members present.

Elections of members shall be held only at the regular stated session of each year *held in Washington*, and not more than five members shall be elected at *that* [any one] session.

Before and during elections a discussion of the merits of nominees will be in order.

The election of members may be suspended at any time by a majority vote of the members present.

This proposed amendment restricts the election to the seven names receiving the highest number of votes in the preference-ballot; requires not less than twenty ballots to elect if the number of the Academy shall not thereby be increased ~~above one hundred, and not less~~ than twenty-five ballots if the number shall be increased above one hundred. Five only can be elected at each annual session.

The adoption of the above requires a verbal change in Section 4, Article V, viz., to insert after the words "to be voted at the next stated session" the words "*held in Washington*," thus restricting election of members to the annual stated session. This change is also submitted by the Council to the votes of

Excursions [ca. 1880] X 3

1871. To Colorado - Utah Wyoming & Laramie Plains

1872. Hackettstown - to Warren Bridge & Eng. Works - Albany - Phila - Pottsville Reading Bessemer Works at Hamburg - Oil Region - Louisville - St Louis

1873. To W. Vermont & W. Mass. to Lake Champlain & Adirondacks

1874. Copper Mines of Lake Superior & Iron Mines of Marquette

1875. To Nova Scotia & New Brunswick

1876. ~~Coal~~ Mines & Pers. after long study at the Exposition - Zinc Works, Bessemer Steel Anthracite & Bit Coal -

1877 - Vt & W. Mass -

Spirit of the School - Study, Labor & good conduct of the Students -

Pencil for:

Art — but Science & Archi

The Leading Idea of the School

was carried out —

by — Lectures & recitations —

Laboratory work —

Inspections & Excursions

Lowell Course:

1. School of Mechanic Design

1860

Written 1878-79 or '80?

Mass. Inst. Technology.

1880

Boston, ... 18

Letter to Saidlayer

that the articles on his treatise
of Mining Contributing
organisms are here — but
that several other Markets
have been found — so
as I am in hopes that
the more light come in
the better I need them to shine —

Signal Stone, what to
be done with them — ask
his advice —

[ca. 1880]

The executors and administrators of the estate of the late James C. Watson are hereby authorized and requested to loan to the Washburn Observatory the following articles from the said estate supposed to have been bequeathed by said Watson to the National Academy of Sciences, [illegible]

1. The professional books of his library.
2. The star maps constructed by him at Ann Arbor.
3. The transit instrument now mounted in the West room of the Observatory
4. The pieces of optical glass belonging to him in various stages of manufacture.

The said executors and administrators to take duplicate receipts for said property from the Board of Regents of the University of Wisconsin and transmit one copy thereof to the National Academy of Sciences.

By order of the Council of the National Academy of Sciences.

What they say of us in Parliament

An American traveller, in describing his visit to the British House of Commons, thus dwells on the appreciative tone in which the Speakers generally referred to this Country. "Our system of Gov^t, our agricultural methods, our public instruction all came in for their share of praise. Our patent laws were compared with the Chinese system which maintained in England; our public school reports were quoted, and the Boston Technological ~~School~~ Institute held up as a Model for Britain."

1880