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Proceedings of the Board of Education of the State of Illinois, 1885

Illinois State Board of Education

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PROCEEDINGS

OF THE

BOARD OF EDUCATION

OF THE

STATE OF ILLINOIS.

REGULAR MEETING HELD AT NORMAL,
JANUARY 21, 1885.

SPRINGFIELD, ILL.:
H. W. ROKKER, STATE PRINTER AND BINDER
1885.

STATE BOARD OF EDUCATION,

NAME.	EXPIRATION OF TERM.	RESIDENCE.
HON. WM. H. GREEN.....	1885	Cairo.
E. A. GASTMAN.....	1885	Decatur.
HON. MICHAEL DONAHUE.....	1885	Clinton.
HENRY S. COMSTOCK.....	1885	Colona.
THOMAS SLADE.....	1885	Normal.
GEORGE HOWLAND.....	1887	1420 Wabash Av., Chicago.
RUFUS COPE.....	1887	Flora.
B. L. DODGE.....	1887	Oak Park.
ISAAC LESEM.....	1887	Quincy.
H. L. BOLTWOOD.....	1887	Evanston.
B. G. ROOTS.....	1889	Tamarca.
HON. J. C. KNICKERBOCKER.....	1889	Court House, Chicago.
DR. RICHARD EDWARDS.....	1889	Princeton.
P. R. WALKER.....	1889	Rockford.
HENRY RAAB, (<i>ex-officio</i>).....	1887	Springfield.

OFFICERS OF THE BOARD.

GEORGE HOWLAND.....	President.
HENRY RAAB.....	Secretary.
HON. THOS. F. MITCHELL, Bloomington.....	Treasurer.

STANDING COMMITTEES.

Text Books and Course of Instruction.....	Dodge, Walker, Donahue.
Teachers and Salaries.....	Edwards, Gastman, Comstock.
Buildings and Grounds.....	Slade, Green, Cope.
Auditing and Finance.....	Knickerbocker, Green, Roots.
Training School.....	Boltwood, Donahue, Raab.
State Laboratory of Natural History.....	Gastman, Boltwood, Lesem.

ORDER OF BUSINESS.

1. Reading, amending and adopting the minutes.
2. Election of officers.
3. Report of the President of the Normal University.
4. Treasurer's report.
5. Reports of special committees.
6. Reports of standing committees, in their order.
7. Communications.
8. Motions and resolutions.
9. Unfinished business.
10. General business.

PROCEEDINGS OF THE BOARD OF EDUCATION,

-AT THE-

REGULAR MEETING, HELD JAN. 21, 1885.

NORMAL UNIVERSITY, NORMAL, ILL., Jan. 21, 1885.

The Board of Education met in the reception room of the University, at 9 o'clock A. M., the president, Mr. George Howland, in the chair.

Members present—Messrs. W. H. Green, E. A. Gastman, Geo. Howland, Thomas Slade, Rufus Cope, H. L. Boltwood, B. L., Richard Edwards, P. R. Walker and Henry Raab.

Absent—Messrs. M. Donahue, H. S. Comstock, Isaac Lesem, B. G. Roots and J. C. Knickerbocker.

The minutes of the meeting held June 18, 1884, were adopted as printed.

Messrs. Knickerbocker and Roots being absent, the president appointed Messrs. Dodge and Walker as temporary members of the Committee on Auditing and Finance.

The president appointed Mr. Boltwood a committee to ask the President of the University to make his report.

The treasurer submitted his report for the time since the last meeting, which was referred to the Committee on Auditing and Finance.

President Hewitt appeared and read his report, which was referred to a special committee consisting of Messrs. Edwards and Cope.

To the Honorable Board of Education of the State of Illinois:

GENTLEMEN—I have to report continued prosperity in the affairs of this Institution, which the State of Illinois has committed to your charge. Since your last meeting our rooms have been full, our work has gone forward with its usual quiet and efficiency, and our pupils and teachers have enjoyed uninterrupted good health with only very slight exceptions.

Our attendance during the Fall term is shown by the following

TABLES:

NORMAL DEPARTMENT.

Females.....	228	322
Males.....	94	

HIGH SCHOOL.

Females.....	37	108
Males.....	71	

GRAMMAR SCHOOL.

Females.....	64	116
Males.....	52	

PRIMARY SCHOOL.

Females.....	21	45
Males.....	24	

TOTAL ENROLLMENT.

Normal Department.....	322	591
Model Department, all grades.....	269	
Total in the institution.....	591	

In the Normal Department, we had representatives from sixty-three

COUNTIES

of the State, as is shown below:

Adams.....	1	Macoupin.....	1
Boone.....	1	Madison.....	2
Brown.....	1	Marshall.....	4
Bureau.....	8	Mason.....	2
Carroll.....	3	Menard.....	1
Cass.....	7	Mercer.....	3
Champaign.....	13	Monroe.....	1
Christian.....	5	Montgomery.....	4
Coles.....	2	Morgan.....	3
Cook.....	2	Moultrie.....	1
DeKalb.....	4	Peoria.....	3
DeWitt.....	3	Perry.....	1
Douglas.....	1	Platt.....	4
Effingham.....	1	Pike.....	5
Fayette.....	2	Richland.....	4
Ford.....	1	Rock Island.....	3
Fulton.....	7	St. Clair.....	5
Hancock.....	5	Sangamon.....	5
Henderson.....	2	Schuyler.....	1
Henry.....	3	Scott.....	2
Iroquois.....	3	Shelby.....	14
Jefferson.....	2	Stark.....	1
Jo Daviess.....	8	Stephenson.....	2
Johnson.....	1	Tazewell.....	18

Kane	1	Vermilion	6
Knox	3	Warren	2
LaSalle	12	Whiteside	1
Lee	1	Will	10
Livingston	8	Woodford	14
Logan	2		
McDonough	4	Kansas	1
McHenry	3	Maine	1
McLean	67	Minnesota	1
Macon	7	Missouri	2

Twenty-nine of the number credited to McLean county pay tuition, as they have not reached the standard that you have prescribed to entitle them to free admission from this county; but in their examinations they have reached the standard prescribed for candidates from other counties.

THE NEW CLASS.

The statistics of the new class are as follows:

	Females.	Males.	Total.
Applied	170	51	221
Rejected	43	12	55
Received	127	39	166
Left early, not counted on roll	4	2	6

Forty-eight counties of the State were represented by the persons who were admitted, as will appear from the following table:

Adams	1	Macon	4
Boone	1	Madison	1
Brown	1	Marshall	2
Bureau	2	Mason	2
Carroll	2	Mercer	3
Cass	5	Monroe	1
Champaign	5	Morgan	2
Christian	1	Montgomery	3
Cook	1	Piatt	4
DeKalb	3	Peoria	1
DeWitt	1	Richland	4
Effingham	1	Rock Island	2
Fayette	1	Sangamon	1
Ford	1	Schuyler	1
Fulton	4	Shelby	9
Henderson	2	St. Clair	3
Henry	2	Stephenson	2
Jefferson	1	Tazewell	11
JoDaviss	6	Vermilion	4
Knox	2	Warren	2
LaSalle	7	Whiteside	1
Livingston	7	Will	3
McDonough	2	Woodford	6
McHenry	3		
McLean	31	Maine	1

Nearly all who failed to pass the examination joined the preparatory class in the grammar school. Of the number admitted from McLean county, only five reached the special standard; the other 26 paid tuition.

The present term the attendance exceeds that of the Fall term; up to date we have enrolled in the Normal Department 351; in the Model Department 248, making a total of 599.

THE DISCIPLINE

of the school continues much the same as for several terms last past; our students are not perfect in their deportment, but their offenses are such as proceed from immaturity and thoughtlessness, in the main. In general, they conform reasonably well to the requirements laid upon them; and, in no case, have we been obliged to deal severely with any one. I believe it would not be easy to find another body of people, young or old, of the same number, more correct in their purposes or conscientious in their behavior than the students of this University.

I mark from term to term a healthy, growing interest in our

LIBRARY,

both in the reference department and in the department for general circulation. The number of our books is not very large, but I believe they will be found excellent in character and well adapted to our purposes. In the department of pedagogy, I think our library fairly complete. Owing to our straightened finances, I am not able to purchase books as rapidly as I wish I might; but it is of great importance that there be constant additions, even if they are not very large. I, therefore, ask that you will appropriate a small sum for that purpose at this meeting.

I have nothing new to report concerning

OUR FACULTY.

All are working faithfully and harmoniously. Each is busy with classes during nearly or quite every hour of the school-day; and most do a great deal of school work outside of school hours. That the work is heavy will be apparent to any one who will notice the size of our classes. I find this term that the average number in the classes taught in the normal department ranges from 35 to 49. The general average of 33 classes, including all the principal classes engaged in the required work of our course of study, is a fraction over 41 pupils. Of these 33 classes, the smallest contains 15 members, and but five contain less than 30 members. Six classes have more than 50 members each, and one contains no less than 67.

We all regret the departure of Professor Forbes. What course is best to be taken to fill the vacancy caused by his resignation the good judgment of this Board can best determine. It has been suggested to me that it will be wisest not to attempt to continue the work of original investigation to any great extent, but to put the laboratory, or museum, in charge of our present teacher of natural science, to free him from all duties besides those strictly belonging to his chair, and to let him combine the care of the museum with his work of class instruction. After careful thought I am free to say that this plan commends itself to my judgment. One of our graduates can be secured who will do well the work that the Professor of Natural Science now does, outside of the proper duties of his chair. The salary of such a person need not exceed \$800 or \$1,000, and thus the aggregate of salaries will not be increased.

OUR FINANCES

are very close. For the last two years we have been in debt to our Treasurer at the close of every quarter. The balance against us on the 1st of January was small, and I think it will be fully met by the end of the year. But, in order to keep as nearly within our resources as we have done, we have been obliged to practice an economy that has denied us many things that we sorely need. It is very desirable that our appropriation from the State should be increased. Owing to our financial condition, we have been obliged to neglect

REPAIRS,

which a very slight inspection of our building will show to be much needed. I have only to call your attention to our out-houses, to the condition of the stone steps, to the dilapidated and dingy walls, and to the worn and broken furniture, in order to show how real our needs are in this respect.

PROFESSIONAL WORK.

I hold it to be a fundamental principle that the sole purpose of a normal school is to fit young people to perform well the duties of the teacher's calling. It follows from this that anything which needs to be done with the candidates presented to the teachers of the normal school in order to fit them to do the teacher's work well, is legitimate work for the normal school. Hence, it follows that all the work necessary in order to give the pupils a proper knowledge of the subjects they are to teach, is proper to the normal school—is, in reality, professional work. But, while this is true, it is no less true that the ratio of strictly professional work—that is, work directed solely to the principles and methods of instruction—should be constantly growing, as compared with that work whose primary aim is to increase and perfect the pupil's knowledge of the matter to be taught.

Accordingly, it is our constant aim to enlarge and improve the work which may be called strictly professional. With this end in view, I have during this year required the senior class to spend four half-hours of each week with me in special work of this kind. We have labored on two lines—viz.: illustrative class teaching and the study of pedagogical literature. In following the first line I have used classes of children from the model school, sometimes teaching them myself and sometimes requiring a member of the senior class to do it, bringing before the children some subject of school study well adapted for illustrative processes. These exercises are followed by familiar criticisms and discussions. In following the second line of work I have given a member of the class some suitable book—one of the "Rollo" books, for instance—requiring him, after a careful study of the book, to present an original *critique*, discussing the same in the light of accepted principles of pedagogy. Thus far the results have seemed to me very encouraging.

CALLS FOR TEACHERS.

Since the year began, I have received a great many calls for teachers that I could not fill. Many of the schools asking for teachers were good country schools, paying salaries of fifty dollars a month, or more. Several, however, were schools of higher grade, offering greater inducements in the way of salary.

The late biennial report of the State Superintendent shows that 992 of our pupils were teaching in the schools of Illinois. Of this number, 120 are graduates. It can hardly be supposed that these figures represent the entire number. From these facts, I feel warranted in saying to any young person who wishes to teach in this State, that if he will come to the Normal School, and do acceptable work here, he need have no fear about securing an eligible position as teacher.

Shall we make any effort to

ENLARGE OUR WORK?

It seems to me that this is a very practical question for this Board, and for our General Assembly. It is easily seen that our work at present taxes to the utmost both the capacity of our building and the energies of our faculty. So palpable is this fact, that I have made little effort, for some time, to increase our numbers, either by advertising or otherwise. If an increase of numbers is desirable, the provision of more room and more teachers is indispensable. I submit the question to the consideration of those with whom its decision must ultimately rest.

I herewith present reports from Professors Cook and Seymour.

All of which is respectfully submitted.

EDWIN C. HEWETT.

EDWIN C. HEWETT, *President Illinois State Normal University:*

I present herewith the semi-annual statement of the Physical Apparatus Fund, with accompanying voucher. I desire an appropriation of fifty dollars for the ensuing year.

June 16, 1884: Balance on hand..... \$33 41

EXPENDITURES.

Illinois School Journal..... 2 12

Balance on hand \$31 29

Respectfully submitted.

JOHN W. COOK.

E. C. HEWETT, *President Illinois Normal University:*

I herewith submit the semi-annual report of the receipts and expenses of the Chemical, Botanical and Physiological Laboratories under my care.

The report includes the time from June 18, 1884, to January 21, 1885.

RECEIPTS.

Balance on hand June 18, 1884..... \$3 25

Appropriation..... 250 00

Battery plates and chemicals for calcium light..... 7 00

Total..... \$260 25

EXPENSES.

Vouchers accompanying, numbered from 1 to 50..... \$259 65

Balance on hand..... \$ 60

I believe \$65 will be needed to purchase specimens for classes in physiology and botany during the winter and spring terms of the present year.

All of which is respectfully submitted.

M. L. SEYMOUR.

Mr. Edwards, of the Committee on Teachers and Salaries, submitted the following resolution and moved its adoption:

Resolved, That the salaries of Professors Barton and Reeder be raised to the regular amount paid the Professors in the Model Department, beginning January 1, 1885.

Mr. Green seconded the motion, and, upon a call of the yeas and nays, the vote stood as follows: Ayes—Messrs. Green, Slade, Boltwood, Edwards and Raab—5. Nays—Messrs. Gastman, Howland, Cope, Walker and Dodge—5. Absent—Messrs. Donahue, Comstock,

Lesem, Roots and Knickerbocker, and the motion was lost. The members voting in the negative stated they would not consent to an increase of salaries when they did not know what amount of money the institution would have at its disposal.

Mr. Raab, of the Committee on Training School, offered the following resolution and moved its adoption:

Resolved, That free gymnastics be made a regular branch of instruction in the Normal and Model Departments of the University, and that the Committee on Training School be instructed to prepare a course of instruction and to make the necessary arrangements for its introduction.

Mr. Boltwood seconded the motion. After some discussion by the members, Mr. Cope, seconded by Mr. Gastman, offered the following amendment:

Resolved, That the Committee on Training School be requested to prepare a plan for the introduction of free gymnastics into the departments of the University.

And the amendment was adopted.

The Committee on Teachers and Salaries submitted a letter from Miss Julia Kennedy, Assistant in the Training School, asking for one year's leave of absence for the purpose of studying methods of teaching abroad, and recommended favorable action of the Board in the premises. The Board then granted Miss Kennedy leave of absence for the school-year 1885-6.

Mr. Edwards presented a petition from the ladies of the Faculty requesting permission to use the reception room of the University as a dressing room. Mr. Green moved that the Committee on Buildings and Grounds be instructed to confer with the petitioners. Mr. Gastman seconded the motion and it was adopted.

The Committee on Teachers and Salaries presented a letter from Miss S. Annette Bowman, Teacher of Drawing in the University, requesting that the time for free-hand drawing be extended to two terms; also, that her salary be increased from \$600 to \$1,000 per year. These two requests were referred to the Committee on Text-books and Course of Instruction, and the Committee on Teachers and Salaries, respectively.

An appeal of the Philadelphian and Wroughtonian Societies relative to certain grievances in the heating of the society halls, was, on motion of Mr. Edwards, seconded by Mr. Slade, referred to the President of the University with power to act.

Mr. Green offered the following resolution and moved its adoption:

Resolved, That it is the sense of the Board that the services of the janitor should be rendered to the societies to the extent of heating the society rooms, free of charge.

Mr. Raab seconded the motion. Mr. Cope offered the following amendment, which was accepted by Mr. Green and unanimously adopted:

Resolved, That it is the sense of this Board that the warming of the societies' rooms for their regular meetings is a part of the janitor's regular duties.

The Committee on Auditing and Finance presented the following reports :

To the Board of Education of the State of Illinois:

The Committee on Auditing and Finance, to whom was referred account of contingent fund, respectfully reports that they have examined the account, with accompanying vouchers, and find same correct, and recommend its adoption; and the committee would recommend an appropriation of a contingent fund of \$400, subject to the order of the president.

WILLIAM H. GREEN,
B. L. DODGE,
P. R. WALKER,

Auditing and Finance Committee.

To the Board of Education of the State of Illinois:

The undersigned, Committee on Auditing and Finance, respectfully reports that they have examined the report of Prof. Seymour, and accompanying vouchers, (1 to 50, inclusive,) and have found the same correct, and ask that the same be approved. And the committee recommends that the sum of \$65 be appropriated for the Chemical, Botanical and Physiological Laboratories.

WILLIAM H. GREEN,
B. L. DODGE,
P. R. WALKER,

Auditing and Finance Committee.

To the Hon. State Board of Education:

Your Committee on Auditing and Finance would respectfully report that they have examined the accompanying account current of the Physical Apparatus Fund, with one (1) voucher, showing a balance of \$31.29 on hand at date of this report, and recommend that the same be approved.

WILLIAM H. GREEN,
P. R. WALKER,
B. L. DODGE,

Committee on Auditing and Finance.

To the Board of Education of the State of Illinois:

The undersigned, Committee on Auditing and Finance, to whom was referred the accounts current of the Illinois State Laboratory of Natural History, for the three quarters ending December 31, 1884, and accompanying vouchers, would respectfully report that the committee has examined said account current, with accompanying vouchers, and finds same correct, and recommends its approval. Balance on hand, \$3.59.

P. R. WALKER,
WILLIAM H. GREEN,
B. L. DODGE,

Auditing and Finance Committee.

To the Hon. State Board of Education:

Your Committee on Auditing and Finance respectfully report that they have examined the accompanying bills current, (numbered from 1 to 34, inclusive,) amounting to the sum of \$1,038.56, and find the same correct. Your committee recommends that orders be drawn for the payment of the several sums named in the respective bills.

Bill of Frank Morrison is referred to Committee on Buildings and Grounds, with power to act.

WILLIAM H. GREEN,
P. R. WALKER,
B. L. DODGE,

Committee on Auditing and Finance.

CURRENT BILLS.

(1) Illinois School Journal, advertising.....	\$58 34
(2) Watson Stewart, hauling, etc.....	6 38
(3) Geo Champion, supplies.....	95
(4) I. H. Yoder & Co., supplies.....	2 65
(5) J. R. Dodge, carpenter work.....	67 35
(6) Rob. Loudon, repairs.....	100 23
(7) Central Telephone Co., rent of instrument.....	60 00
(8) R. C. Rogers & Co., wall paper.....	16 95
(9) Cone, Brown & Co., lime.....	30
(10) Same, assignees, brick work.....	30 00
(11) N. P. Perry, furniture.....	33 00
(12) J. W. Evans & Co., lumber.....	249 15
(13) Holder, Milner & Co., sundries.....	2 96
(14) A. C. Cowles, supplies.....	9 13
(15) Cooper & Co., oil, etc.....	11 95
(16) Evans Bros., supplies.....	8 33
(17) T. S. Mills, ammonia.....	50
(18) T. W. Belcham, painting.....	97 00
(19) Funk & Lackey, glass, paint, etc.....	39 60
(20) Mullins & Stevens, repairing pump.....	2 25
(21) John O. Laughlin, labor.....	5 25
(22) T. C. Kerriek, assignee, hardware.....	10 35
(23) Rob. Fell, brooms.....	15 20
(24) A. C. Taylor, postage.....	7 54
(25) Pantagraph, printing and books.....	30 10
(26) Normal Book and News Co., stationery.....	18 10
(27) F. J. Philbrook, labor.....	10 00
(28) Chas. Dodge, repairs.....	15 25
(29) R. C. Hieronymus, stationery.....	61 48
(30) James Dodge, supplies.....	2 75
(31) Same, supplies.....	10 97
(32) J. M. Houseman, supplies.....	1 60
(33) Mrs. Houseman, washing.....	20 65
(34) G. H. Reed & Bro., transom lifts.....	31 73
Total.....	\$1,038 56

BLOOMINGTON, January 21, 1885.

To the Honorable, the Board of Education of the State of Illinois:

GENTLEMEN—I have the honor herewith to submit to you my annual report, showing the receipts from all sources, including balance on hand at date of last report, to be twenty-eight thousand twenty-one dollars and forty-two cents (\$28,021.42) and the disbursements during the same time \$19,301.34, leaving a total balance on hand January 21, 1885, \$8,720.08. For details and specifications of both receipts and disbursements, you are respectfully referred to the accompanying sheets of this report and the vouchers hereto attached.

Respectfully submitted,

THOMAS F. MITCHELL, Treasurer.

Thomas F. Mitchell, Treasurer, in account with Board of Education.

1884.		
June 17.	To this amount balance general fund on hand.....	\$3,050 74
17.	land fund on hand.....	834 50
July 10.	State Treasury.....	6,948 39
September 13.	E. C. Hewett, tuition.....	700 00
27.	E. C. Hewett, tuition.....	838 51
October 11.	State Treasury.....	6,948 39
November 29.	Thos. Slade.....	26 00
29.	E. C. Hewett, tuition.....	665 50
1885.		
January 12.	State Treasury.....	6,948 39
17.	E. C. Hewett, tuition.....	1,061 00
Total amount received, including balance.....		\$28,021 42
Total amount paid out as per vouchers.....		19,301 34
Total balance on hand January 21, 1885.....		\$8,720 08
January 17—The above balance consists of		
This amount balance general fund.....		\$7,885 58
land fund.....		834 50
Total.....		\$8,720 08

Thomas F. Mitchell, Treasurer, by Orders Paid (Vouchers.)

960	E. A. Gastman.....	\$10 00
959	Henry Raab.....	5 00
958	B. G. Roots.....	16 00
957	B. L. Dodge.....	15 00
956	H. L. Comstock.....	25 00
955	P. R. Walker.....	10 00
954	J. C. Knickerbocker.....	25 00
953	Rufus Cope.....	15 00
952	George Howland.....	12 00
951	W. H. Green.....	32 00
968	Thomas F. Mitchell.....	200 00
967	Thomas Slade.....	100 00
961	E. C. Hewett.....	1,916 70
969	E. C. Hewett.....	100 00
978	W. L. Seymour.....	80 00
966	L. Messick.....	66 22
986	Frank Morrison.....	77 05
981	C. A. Schultz.....	15 00
985	Harwood, Bros. & Co.....	15 85
979	G. H. Reed.....	26 00
963	Funk & Lackey.....	20 18
982	J. L. Beath.....	86 00
984	James Dodge.....	27 45
976	Robert Shields.....	39 39
977	Robert Thompson.....	19 00
973	The Pantagraph.....	11 10
972	Jesse Blackburn.....	18 22
965	Normal Book and News Co.....	12 50
964	Western Bank Note and Engraving Co.....	97 00
987	S. A. Forbes.....	400 00
980	Thomas Sylvester.....	39 20
983	J. R. Dodge.....	144 83
971	Geo. Champton.....	30 15
962	Mrs. S. E. Philbrook.....	23 15
970	Ill. School Journal.....	50 00
988	S. A. Forbes.....	50 00
991	S. A. Forbes.....	750 00
992	E. C. Hewett.....	1,926 62
975	Robert Fell.....	15 90
989	M. L. Seymour.....	30 00
990	J. Blackburn.....	596 30
993	E. C. Hewett.....	1,926 68
994	E. C. Hewett.....	175 00
995	James Dodge.....	27 00
997	E. C. Hewett.....	1,976 70
998	S. A. Forbes.....	550 00
996	J. M. Jones.....	51 00
1000	M. L. Seymour.....	90 00
1001	E. C. Hewett.....	1,976 62
1002	S. A. Forbes.....	600 00
1005	E. C. Hewett.....	100 00
1003	E. C. Hewett.....	1,976 68
1004	E. C. Hewett.....	300 00
974	Watson Stewart.....	25 50
1006	S. A. Forbes.....	850 00
1007	E. C. Hewett.....	1,976 70
Total.....		\$19,301 34

To the Honorable the Board of Education of the State of Illinois:

Your Committee on Auditing and Finance, to whom was referred the Treasurer's report from June 17, 1884, to January 21, 1885, inclusive, would respectfully report that they have examined the said report and the vouchers accompanying the same, showing receipts from all sources, including amount on hand at date of last report, to be \$28,021.42, and total disbursements, as shown by vouchers, to be \$19,301.34, leaving a balance on hand of \$8,720.08, of which amount \$7,885.58 belongs to the general fund, and \$834.50 belongs to the land fund.

Your Committee recommends that said report be approved.

Respectfully submitted,

WILLIAM H. GREEN,
 } Committee on Auditing and Finance.

To the State Board of Education:

Your Committee on Auditing and Finance would respectfully report that they have examined the accompanying account of Thomas Slade, Chairman of the Committee on Buildings and Grounds, with the contingent fund placed to his credit for repairs and incidental expenses in and about the University building and grounds, together with the accompanying vouchers, numbered from one to six, inclusive, showing a balance of \$1.45, and find the same correct, and would recommend that the same be approved, and that the sum of \$100 be placed to his credit for such repairs and incidental expenses as may be necessary in the future outside of those specially provided for.

WILLIAM H. GREEN,
P. R. WALKER,
B. L. DODGE,

Committee on Auditing and Finance.

To the Board of Education of the State of Illinois:

The undersigned, Committee on Auditing and Finance, to whom was referred the account of Professor Forbes concerning appropriations for extraordinary expenses, and accompanying vouchers, find the same correct, and recommend the approval thereof.

P. R. WALKER,
WILLIAM H. GREEN,
B. L. DODGE,

Auditing Committee.

To the Hon. State Board of Education:

Your Committee on Auditing and Finance would respectfully report that they have examined the accompanying account of E. C. Hewett, president, with respect to the library fund placed to his credit, together with the vouchers accompanying the same, showing a balance on hand Jan. 21, 1885, of \$65, find the same to be correct and recommend that the same be approved, and that the sum of \$200 be added to this fund.

WILLIAM H. GREEN,
B. L. DODGE,
P. R. WALKER,

Committee on Auditing and Finance.

Mr. Green moved that these reports be adopted. Mr. Raab seconded the motion, and upon a call of the ayes and noes they were adopted by the following vote: Ayes—Messrs. Green, Gastman, Slade, Howland, Cope, Dodge, Boltwood, Edwards, Walker and Raab. Noes—None. Absent—Messrs. Donahue, Lesem, Roots, Kniekerbocker and Comstock.

Mr. Raab offered the following resolution and moved its adoption:

Resolved, That the President and Secretary of the Board be, and hereby are, authorized to draw an order on the Auditor of Public Accounts for the fourth quarterly installment of the appropriation for the ordinary expenses of the Normal University, at Normal, for the current year, this installment being the one-eighth part of the aggregate amount of the whole of the annual interest on the College and Seminary Fund, as provided by sections 1 and 2 of "An act making an appropriation for the ordinary expenses of the Illinois State Normal University, at Normal," approved June 25, 1883, and in force July 1, 1883, together with the one-fourth part of the sum of seventeen thousand five hundred dollars (\$17,500), as said installment becomes due and payable, and that the Treasurer of the Board is hereby authorized to receive and receipt for the same.

Resolved, That the President and Secretary of the Board be, and hereby are, authorized to draw an order on the Auditor of Public Accounts for the fourth quarterly installment of the appropriation for the ordinary expenses of the State Laboratory of Natural History, at Normal, for the current year, and for the improvement of the library thereof, as the same becomes due and payable, as provided by sections 1, 2 and 3 of "An act making an appropriation for the ordinary expenses of the State Laboratory of Natural History, at Normal, and for the improvement of the library thereof," approved June 25, 1883, and in force July 1, 1883, and that the Treasurer of the Board is hereby authorized to receive and receipt for the same.

Mr. Gastman seconded the motion, and it was adopted.

Professor Forbes then read his report to the Board, as follows:

To the Honorable Board of Education of the State of Illinois:

Since the appointment by the Board of a standing committee on the State Laboratory of Natural History, made a year and a half ago, I have not deemed it necessary to make formal reports to the full Board, on the routine work of the Laboratory, but have contented myself with keeping the members of that committee fully informed respecting it. At the present time, however, the condition of the Laboratory is somewhat peculiar, and my requests for action by the Board must take an unusual form; and at the suggestion of the chairman of the committee on the State Laboratory, I have decided to present a report at this meeting, covering, however, only such subjects as require special action by you. A detailed report of our routine work is rendered even less necessary than usual by the fact that I have but lately made such a report, covering our operations for the last two years, to the Secretary of this Board in his capacity as State Superintendent of Public Instruction, and that that report is already in print.

At the time of your last meeting, in June, 1884, I decided, for reasons upon which I need not enter here further than to say that they seemed to me entirely conclusive, to accept an appointment on the Faculty of the State Industrial University at Champaign, and to remove my office, as State Entomologist, to that place. I felt myself responsible, however, to the Board and to the Legislature of the State, for the continuance and successful completion of the work of the Natural History Laboratory, authorized and appropriated for by the Legislature at its last session, and felt bound to provide in some way for this work. I was altogether convinced that it would be quite impossible for the Board to find any available person who could and would take up the work of the State Natural History Survey and the preparation of the report then in hand, upon the vertebrate zoology of the State, and complete the latter within the time covered by the appropriation, if I were to abandon it at that time; and believing it possible for me to provide for its continuance at Champaign, on condition that I retained control of the Laboratory collections, library and appropriations, I asked informally for a leave of absence, without pay, from the first of January to the first of July, 1885, with the understanding that the laboratory work was to continue during this interval under my personal supervision at Champaign. This leave of absence you granted by the passage of a resolution introduced by the chairman of the Laboratory Committee; and I have since entered upon my duties at the University, and have removed my entomologist's office thither.

In order to make possible the continuance of the laboratory work which I had under way, I arranged with the chairman of the Standing Committee in charge, for the temporary removal to Champaign of such books, specimens and other laboratory belongings as were necessary to my official work as State Entomologist and to the completion of the volume on the zoology of the State, due this year; and in order that full knowledge might be had at any time of the kind and amount of material so removed, I have left with President Hewett a memorandum exhibit of it.

In accordance with the order of the Board, made at your last meeting, a custodian of the collections here has been engaged, and will soon arrive—Miss Amanda Crawford, formerly of the Normal School here.

This is, then, a sufficient description of the present condition of the property of the laboratory. In brief, that this building is in charge of a custodian appointed by your committee, and the remainder is under my personal care at Champaign, in use for the preparation of my report as State Entomologist, and my report on the vertebrate zoology of the State.

The financial situation is, at present as follows:

I receive from the Industrial University a certain sum, which applies only on work relating to that University,—class room and museum assistance and expenses, and the like—but from that Institution I have nothing in aid of the work of the State Laboratory, or that of the Entomologist's office. For this, consequently, I have to look to the same sources as heretofore, i. e., to the regular laboratory appropriations expended under your direction, and to the appropriation heretofore made by you from the funds of the Normal University. The former of these appropriations, I assume, will be distributed as heretofore. Concerning the latter, a word of explanation may be necessary.

The last appropriation from the State to the Normal University included, as usual, \$2000 per annum for my salary as director of the State Laboratory; but when I accepted an appointment as State Entomologist, this salary was reduced by you to \$500 per annum, and the balance of \$1,500 per annum has since been regularly appropriated by you in semi-annual installments, to meet the extraordinary expenses growing out of the union of the State Entomologist's work with that of the Laboratory.

When I received leave of absence, Jan. 1, 1885, the salary of \$500 stopped, so that the whole \$2000 per annum is at the disposal of the Board; or, more correctly, the \$1000 due for the period covered by the last appropriation bill, which expires July 1, of the present year.

Now, I would still unquestionably use, to the great advantage of our work, the whole of this \$1000; our expenses being for the present certainly not less than heretofore, and our need of books and new apparatus especially pressing; but I can keep the work running on its present scale for something less than that. I shall need \$80 beyond the amount now reported on hand, to pay outstanding obligations of the laboratory; and the expenses for assistance now engaged, or immediately necessary, will aggregate \$1,220, for which the regular Laboratory appropriation provides only \$800. These balances, amounting to \$500, I shall have to ask the Board to meet by an appropriation for extraordinary expenses, made in the usual form; thus leaving a balance of \$500, for the current half year, which has been heretofore appropriated to the Natural History Laboratory but which will now be available for general University purposes.

There remains the interesting and important question of the future of the State Laboratory, and concerning this I wish to offer a few suggestions, as briefly as a clear statement of my views will permit.

First, I would call attention to the fact that the property of the establishment may be correctly divided into two classes, that belonging to the State Normal University, and serving as its museum, and that belonging to the State Laboratory, and having objects quite distinct and different from those of the Normal school. As proper to the Normal Museum I think it best that we should consider all property now in the Laboratory, however acquired, which can be made profitably useful to the students and teachers of the school for the illustration of the actual work of the courses of instruction here in force; while the property of the Laboratory I regard as that which has been accumulated especially for the purposes of the Natural History Survey of the State and for the work of the State Entomologist.

What I shall here have to say relates only to the property of the latter class; and the question to which I shall address myself is, what, under the circumstances, ought to be done with it?

Permit me, first, to recall the facts respecting the relations of the Board to the Laboratory, as defined by the law and interpreted by a special committee of the Board, whose report was printed in your proceedings for May 30, 1833.

Consulting the law creating the Board and defining its duties and responsibilities, I do not find that you were charged with the establishment or maintenance of any such work or of any such institution as this now included under the name of the State Laboratory of Natural History; but, as shown by the report of the committee just mentioned, you were, in 1867, required to supervise the expenditure of the appropriations made to the establishment; and, in 1871, were authorized or directed by the Governor, in accordance with an act of the Legislature, to take possession of its property for the use and benefit of the State of Illinois; and since that time there has nowhere been, so far as I can find, any item or scrap of law laying upon you any other duties than those of trustees of that property, under whose supervision the appropriations made to the Institution should be expended, save that you evidently have, by inference, the power of removal and appointment over the officers and employes of the Laboratory. Such I understand to be also the conclusion of your special committee.

Now this property being public property, accumulated by the Legislature for specific ends, the only questions really involved seem to me to be these: How and where may the purposes for which it was accumulated be best carried out? and what should be done to that end? Upon these points I have reached a clear opinion; and I must ask you to listen to its expression, because, if it seems reasonable to you, I shall then have a favor to ask of you in the premises,—not in my own interest, but in the interest of the work to whose organization and development I have devoted twelve of the best years of my life. During this time my main purpose has been to work up, systematically and thoroughly, the natural history of Illinois, and to present the results of such a natural history survey as a permanent contribution to science and to popular education. It is for this purpose that I have asked the countenance of the Board and appropriations by the Legislature, and it has been with the understanding that these were the principal objects of my endeavor that such appropriations have been made. This work has now been for a long time successfully, if slowly, prosecuted, and the final stage has at last been reached,—that of gathering together the proceeds of this work of years, and of publishing them in the form of a series of reports on our zoology and botany. For the first volume of this series, provision was made by the Legislature at its last session, and this report is now well on its way towards completion, and will be published during the present year.

Now, having carried forward this enterprise for so long—to the stage of fruition—I have a not unnatural ambition to be allowed to finish it, believing as I do that, under the circumstances, I can now, after so many years of special preparation and continuous labor upon it, do it better than it is likely to be done, all things considered, if I were to drop it (if indeed I might hope that it would be done at all); nor do I find that my change of residence has necessarily impaired my opportunities for doing it, provided that the material for its prosecution, which I have here accumulated, can be made available in the new situation. In fact I find the conditions there peculiarly favorable to it, and I have the official assurance of the Board of Trustees that it will in every way be fully provided for at the State Industrial University, as far as the resources at the disposal of that Board will permit. I believe, consequently, that, under existing conditions, it is most desirable, in the interests of the work of the Laboratory, that its center of operations and its indispensable material, be now transferred to Champaign; and while I am convinced that such a transfer would be especially profitable to the work of the Natural History Survey, it seems to me equally clear that it will be to the advantage of all related institutions and interests.

The effect of such a transfer would clearly not be injurious to the Normal School, but rather beneficial to it, the peculiar work of the State Laboratory having been so remote from that proper to the Normal University that I think neither has very materially influenced the other. The Normal School is unquestionably an educational institution only, and not at all an institution for original research; in the natural history department, therefore, its interests are confined to a competent and sufficient teaching force, and to facilities for illustration.

In order that, as a consequence of the transfer of the Natural History Laboratory work, both the teaching force and the facilities for illustration may be increased, it is only necessary that the collections here, as far as available for the illustrations of the courses of instruction, should be freed for that service only, and should be classified, arranged, and labelled with sole reference to that; and that the \$2,000 per annum now drawn by me from the Normal University appropriations and necessarily to be released by the proposed change, should be used as far as needed to provide for whatever enlargement of the science work in this school might be deemed judicious by this Board.

I trust that the fact that the proposed transfer would be in some respects a benefit to the State Industrial University, will further commend it to this honorable Board, interested as you must be, both personally and officially, in whatever tends to promote the educational welfare of our State. That University is not only an educational institution, but is also an institution for research, and an affiliation of the operations of the Natural History Survey with it would undoubtedly promote and aid the original work of the advanced students of the special science courses; while the material accumulated by such a survey would supply a much needed addition to the educational resources of the College of Natural Science.

Now, if to this Board the considerations here urged seem just and conclusive, I have only to add the request that, in some such form as may seem suitable to you, you will express that fact by resolution; and I beg to assure you that, in making this request, and in the reasons I have urged in favor of it, I have endeavored to discharge my mind of all personal considerations, and to ask only what seemed to me to be the best thing in the public interest.

Respectfully submitted.

S. A. FORBES, *Director*.

NORMAL, ILL., January 20, 1885.

Mr. Gastman, Chairman of the Committee on State Laboratory of Natural History, reported as follows:

Resolved, That this Board approves of the report of Professor Forbes with respect to the future of the work of the State Laboratory of Natural History, and the disposition of its collections, and recommends that his suggestions be carried out.

E. A. GASTMAN,
H. L. BOLTWOOD.

Mr. Walker seconded the motion, and it was adopted by the following vote:

Ayes—Messrs. Green, Gastman, Slade, Howland, Dodge, Cope, Boltwood, Edwards, Walker and Raab.

Noes—None.

Absent—Messrs. Donahue, Comstock, Roots, Lesem and Knickerbocker.

Mr. Slade, Chairman of the Committee on Buildings and Grounds, submitted the following report, and moved its adoption:

To the Honorable State Board of Education:

Mr. Philbrook, our late janitor, who has had the use of the block of land just west of the north end of the Normal University grounds, a rather low, flat piece of land, now partly in fruit, would like a lease of said land for the period of three years, at a fair compensation, so he can shape his work on said land accordingly. His rights in said small tract cease next spring.

Your Committee on Building and Grounds would respectfully refer the matter to the Board, and recommend that action be taken by the Board in relation thereto.

THOS. SLADE,
WILLIAM H. GREEN,
RUFUS COPE.

The ayes and noes were called, and the report was adopted by the following vote:

Ayes—Messrs. Green, Gastman, Slade, Howland, Cope, Dodge, Boltwood, Edwards, Walker and Raab.

Noes—None.

Absent—Messrs. Donahue, Comstock, Roots, Lesem and Knickerbocker.

The Committee on Teachers and Salaries, through its chairman, Mr. Edwards, recommended the employment of Miss Crawford as an assistant to Prof. Seymour, in the care of the Museum and Laboratory, her salary to be fixed by the President of the University.

The ayes and noes having been called, the recommendation was adopted by the following vote:

Ayes—Messrs. Green, Gastman, Slade, Howland, Cope, Dodge, Boltwood, Edwards, Walker and Raab.

Noes—None.

Absent—Messrs. Donahue, Comstock, Lesem, Roots and Knickerbocker.

The special committee on the President's address reported that it gives hearty approval to the sentiments of the address, and recommended that the Board take action with regard to submitting the claims of the University to the Legislature, and appoint a committee for that purpose.

The President appointed Messrs. Howland, Raab and Gastman as such committee.

Mr. Gastman moved that \$500 be appropriated for the extraordinary expenses of the State Laboratory of Natural History for the current half year.

Mr. Boltwood seconded the motion, and it was adopted by the following vote:

Ayes—Messrs. Green, Gastman, Slade, Howland, Cope, Dodge, Boltwood, Edwards, Walker and Raab.

Noes—None.

Absent—Messrs. Comstock, Donahue, Lesem, Roots and Knickerbocker.

Mr. Edwards presented a request of Rev. W. J. Rutledge, who desired a hearing in the interest of Mr. Bakewell.

Mr. Slade, seconded by Mr. Gastman, moved that Mr. Rutledge be allowed to address the Board.

After this address the Committee on Text-Books and Course of Instruction presented the following report, which was adopted:

To the Honorable Board of Education:

Your Committee on Text-Books and Course of Instruction would recommend that Frank Smith, of Eagle Point, be permitted to take charge of the University Bookstore for the school year of 1885-6.

B. L. DODGE,
P. R. WALKER,

Committee.

Mr. Raab, seconded by Mr. Boltwood, offered the following resolution, which was adopted:

Resolved. That the Committee on Buildings and Grounds be instructed to investigate the feasibility of lighting the University building by gas.

And the Board adjourned.

GEO. HOWLAND, *President.*

HENRY RAAB, *Secretary.*