PROCEEDINGS

OF THE

BOARD OF EDUCATION

OF THE

STATE OF ILLINOIS.

REGULAR MEETING,
HELD AT NORMAL, DECEMBER 13TH, 1876.

SPRINGFIELD:
E. L. MERRITT & BRO., PRINTERS.

1877.

STATE BOARD OF EDUCATION.

EXPIRATION NAMES. OF TERM. RESIDENCE. HON. SAMUEL W. MOULTON....1881..... Shelbyville, Shelby County GEO. C. CLARK.... 1881.....Chicago, Cook W. H. HILL.... 1881..... Pontiac, Livingston J. C. KNICKERBOCKER.....:881.....Chicago, Cook Hon. CHAS. F. NOETLING......1881..... Belleville, St. Clair WM. H. GREENE..... 1879..... Cairo, Alexander CALVIN GOUDY......1879.....Taylorville, Christian THOS. R. LEAL.......1879......Urbana, Champaign E. A. GASTMAN......1879....Decatur, Macon JOS. CARTER.......1879.....Normal, McLean B. G. ROOTS...... 1877.... Tamaroa, Perry, E. L. WELLS.....Oregon, Ogle N. E. WORTHINGTON.....1877......Peoria, Peoria S. M. ETTER, Ex-Officio.

STATE BOARD OF EDUCATION.

PROCEEDINGS OF REGULAR MEETING.

DECEMBER 13TH, 1876.

Normal, Illinois, December 13, 1876.

Board of Education met at the Normal University building, and were called to order by the Secretary.

Present—Messrs. W. H. Hill, J. C. Knickerbocker, Chas. F. Noetling, Wm. H. Greene, Calvin Goudy, T. R. Leal, E. A. Gastman, Jos. Carter, E. L. Wells, S. M. Etter.

Absent—S. W. Moulton, R. S. Canby, B. G. Roots, N. E. Worthington.

In the absence of the President, Judge Greene was nominated for Chairman, pro tem.

Mr. Greene took the chair, and the Board proceeded to business.

Mr. Noetling, from the Special Committee on Rents of Lands, presented the following report, which was adopted:

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

The undersigned would respectfully report with reference to the matter of collecting the rents from Mr. Phoenix, that the rents for the years of 1873 and 1874 were collected by judgments and executions:

Paid Holder, Treasurer.....\$630 oo

For the year 1875, judgment has been recovered and the rent, \$350, is in process of collection by execution.

For the year 1876, due December 1st, 1876, suit has been entered to collect the rent, and judgment will be recovered at the February Term, 1877.

December 13, 1876.

C. F. NOETLING, of Committee.

The Committee on Teachers and Officers made the following report, which was adopted:

Your Committee on Officers and Teachers respectfully submit the following: We have employed Miss Amanda Paddock, formerly of the Indiana State Normal School, as assistant training teacher, at a salary of \$1,000 per annum, and Mr. Charles DeGarmo, as second assistant training teacher, and Principal of the Grammar Department, at a salary of \$1,000 per annum.

Respectfully submitted,

E. A. GASTMAN,
E. L. WELLS,
C. F. NOETLING,

Committee.

Mr. Etter made the following report, as Special Committee for having steps built at the south entrance of the building:

Gentlemen of the Board:

Your Special Committee, appointed at the last meeting, and instructed to have new steps of stone or iron built at the front entrance, would respectfully report that, after carefully investigating the question as between stone and iron, decided to take the iron, because it was much cheaper, and in our opinion, equally as good. Bids were received from Mr. Dietrich and Mr. Loudon, and the contract was awarded to Mr. L. for the sum of \$330. We would also say that Mr. Loudon did the work in a very satisfactory manner. The Committee have accepted the work, and have paid Mr. Loudon \$330.

S. M. ETTER, Of Committee.

On motion, the report was adopted.

A letter from Hon. S. W. Moulton was received, saying that he regretted he could not be present, also one from Geo. C. Clark, notifying the Board that he, on account of private business, had been compelled to resign.

President Hewett then read his semi-annual report, giving an account of the workings of the Institution:

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

Gentlemen—I am happy to report that the condition of the Normal University continues to be one of prosperity and promise. The term now closing has been marked by an earnest diligence in study, and a quiet, cheerful compliance with all our requirements, which, as I believe, have never been surpassed in any previous term of our history. In the matter of discipline, not a single case has arisen entailing any great amount of anxiety or calling for severe treatment. Among all our students, I cannot point to one who, in my opinion, is disposed to be wilfully disobedient or neglectful of his duties. That all are doing in all respects the best that they can do, I cannot assert, of course; but I do believe that the proportion of those who are careless and more or less neglectful of their work and their obligations was never smaller than now.

At the beginning of the term, there was considerable illness, chiefly in the form of ague and kindred complaints, which diminished our numbers quite seriously; many were in this way prevented from coming, and of those who did come, I think not less than twenty were obliged to leave in a very short time. On the whole, however, our students have enjoyed a state of health quite as good as the average in past terms. The

ATTENDANCE

for the term will be shown by the following table:

NUMBER ENROLLED FOR TERM.

Normal Department—	
Females	163
Males	111—274

High School—	•
Females	
Males	38— 6o
Grammar Department—	
Females	29
Males	38 67
Primary Department—	
Girls	20
Boys	14- 34
Total in Model School	191
Total enrollment in University	435

It will be noticed that the number in the several departments does not differ materially from that reported one year ago. Although not so large as our number in some previous terms, it is quite as large as our teaching force demands. Some of our classes at the times when our number has been greatest were altogether too large for comfort or profit; and even now, some are larger than they ought to be. With a return of financial prosperity in our community, I have no doubt that we shall again find ourselves taxed to our utmost capacity.

Fifty-eight counties of our own State and five counties besides Illinois have been represented this term in the Normal Department. The number from each will appear from the following table:

Fayette 3
Fulton
Greene 3
Grundy 1
Iroquois 1
Jefferson
JoDaviess 5
Knox
LaSalle 5
Lee 9
Livingston
Logan 9
McLean38

DuPage 1	Macon
Edgar	Maconpin 4
Effingham	Madison
Marion 1	Stark
Marshall	St. Clair 4
Mason 6	Stephenson4
Menard	Tazewell 4
Morgan 2	Vermilion I
Moultrie	White
Ogle 8	Whiteside 2
Peoria 1	Will3
Perry	Winnebago 4
Piatt,ro	Woodford7
Pike 5	Indiana I
Pope 2	Iowa 2
Rock Island 4	Kentucky 1
Schuyler 2	Missouri 2
Scott 3	Ohio
Shelby	,

The sum of these numbers will not tally with the whole number reported as belonging to the Normal Department. The reason is that the record was taken near the end of the term, and includes only those who were then present. It will be observed that the number of state beneficiaries from McLean County is proportionally less than it has been at other times. It is even here greater than it ought to be, for several who are reported from this County, and who are really residents here, came for the sole purpose of attending the School; and, if they were not members of the School, they would not be residents of this County. It has been our custom for some time in examining candidates for admission to discriminate against applicants from this County, by requiring them to reach a minimum standing of 70 per cent. while others are admitted, if their examination reaches a standard of 60 per cent.

THE NEW CLASS.

During this term, 162 candidates for admission have presented themselves, as follows:

	Ladies	106
	Gentlemen	56—162
We received-	_Ladies	98
" " "	Gentlemen	45—143
We rejected-	-Ladies	8
	Gentlemen	

The number of applicants is nearly or quite up to the average number applying the corresponding term during the last four or five years. Not all of the 143 admitted remained long enough to be counted in our enrollment, most of those who failed to pass examination, as well as some who were admitted, afterwards joined the preparatory class in the Grammar School. The result of these admissions and changes has been that just about one half of the pupils in the Normal Department are here for the first time this term. The average age of those admitted is 19 years and 5 months.

THE LAST GRADUATING CLASS.

Nearly all the members of the class that graduated last June, are teaching in the State; and, so far as I have heard, all are having good success. Three of the young men are receiving not less than \$1,000 per year. One of the young men has died since graduating, and one has entered on the study of Medicine; he will pay his tuition here.

> ELEMENTARY WORK.

The necessity for our doing much Elementary Work with our pupils still continues, although we think there is some improvement in this respect. But, I believe we shall never be relieved from this burden until our district and other schools do better and more practical work than they are now doing. It seems to me,

however, that we can contribute to such a result in no better way than by continuing to insist upon the preformance of such work here, as strenuously at least as we are now doing. Our requirements in orthography cause the most friction, and to some of the students they seem unreasonable. As a general rule, they are met in a cheerful spirit; and, in most cases the t good results appear before the student has finished his second term. I have applications from several pupils of OTHER INSTITUTIONS asking that they be allowed to join our classes on the standing that they have made elsewhere. After careful thought, the Faculty has passed a resolution, that we can allow no person to pass a study of our course, with a view to receiving our diploma, until he shall have undergone a rigid examination in that study before our Faculty or some member of it, and received a satisfactory mark to be entered on our books. It would seem that this can entail no great hardship upon him, if he has made himself master of the study; and, if he has not, we certainly do not want to certify to an untruth by signing his diploma.

NEW TEACHERS.

Our Faculty, this term, has been exactly the same as it was last Spring and Summer, with the exception of the two who were appointed by the Committee on Teachers, to fill the vacancies in the Training Department. Of the teachers who have been here before, I do not need to speak, except to say that they continue to do their work quite as acceptably as they have ever done.

Miss Amanda G. Paddock, was appointed to the place of First Assistant Training-teacher, at a salary of \$1,000 for the present year. She has had long experience in this work, in the Cook County Normal School, and in the Indiana State Normal School. The testimonials to her previous success awakened large expectations in the minds of the committee; and, in my opinion, the result has not been such as to give ground for disappointment. Her methods seem to me to be accurate, philosophical, modern and successful. I think I can confidently say that our Primary

room has never before been in a condition to do so much for the instruction of our Normal pupils, in the right teaching and management of small children, as now.

Early in the term, it appeared that the Primary School was wholly lacking in pupils of the lowest grade—those who would give the best opportunity for the teacher to exhibit her methods of instruction. In this state of affairs, I issued a circular offering to receive eighteen little pupils under seven years of age, without any cost for tuition this term. The pupils were soon forthcoming, and I think the result has proved the wisdom of my action.

Mr. Charles De Garmo, one of our former graduates, who had taught with much success in the schools of Naples for several years, was appointed Second Assistant Training-teacher, also at a salary of \$1,000 per year. He has labored faithfully in the German Department, and, in my judgment, he has succeeded well, both as a teacher, and as a disciplinarian. I feel that all departments of the Model School are now doing their work with as much success as we could reasonably expect. That school is now well serving its purpose as a place of observation and practice for our pupil-teachers, while it offers to the youth of our State a place for academic training second, as I believe, to none in the State.

PROFESSIONAL WORK.

In accordance with your resolution passed last June, I gave notice, by circulars and otherwise, offering strict professional training to those who should be found prepared for it. But, to my surprise, not a single candidate has thus far presented himself.

The usual professional work of the school has gone on much as heretofore, although I think with increased efficiency. Prof. Metcalf, assisted by Miss Paddock, has kept up his oversight and control of the class-work of the pupil-teachers. In connection with this work, these teachers have met the class weekly for suggestion and criticism. Several times during the term, classes from the Model School, under charge of Miss Paddock or one of

the pupil-teachers, have been brought before the entire Normal School for a class-exercise. At the close of the exercise, a discussion has followed in which the pupils and the members of the Faculty have participated. We feel that these exercises and the discussions following are a very efficient means of professional training.

The Senior Class employed the first half of the term in a study of the History of Education under Prof. Stetson. The last half of the term, they have spent in the study of "Rosenkranz' Pedagogics," under the President. I fully concur with my predecessor in his high opinion of that book. It is certainly calculated to suggest more thought, and better thought, on the subject treated of than any other book that I know. It is by no means an easy book to study; but our pupils are deeply interested in it, and I think all of them will agree in the opinion that many of them have expressed to me that it is probably the most valuable book to them that they have taken in their whole course of study here.

FINANCES.

The subjoined statement prepared by Mr. Carter, who has continued to keep our books, will give you a clear idea of our receipts, expenses and financial condition:

It will appear from this statement, that we are living within our means; but the margin is very narrow. It seems to me very desirable that our Legislature should be induced to increase slightly our appropriation for current expenses, if such a thing can be done. Besides, we need more money than we have had tor the past two years, to spend for the increase of our Library; in this direction, we have done almost nothing of late. In my opinion, the need of a separate, fire-proof building for our Museum is a crying want. To neglect to provide for this, may any day be proved to be the worst sort of economy. Should our building burn, and certainly the risk is not small, not only would finany thousand dollars' worth of specimens, on which there is not a cent of insurance, be totally lost, but many of them are such as

money could not replace, at least not till after the lapse of a long time and a vast expenditure of care and labor. It would seem to be wise, therefore, that this matter be pressed upon our Legislators at their coming session. If they should grant to us all that I have indicated above, the sum would be small as compared with that expenditure for many of the State Institutions; nor am I so modest as to believe it would be large as compared with the benefits that this Institution is conferring on the State of Illinois. Will you allow me to say, gentlemen, before leaving this topic, that it seems to me that it would be wise for your body at this meeting to adopt some measures that shall earnestly and effectually bring our wants before the Legislature at the session this winter?

REPAIRS.

Since your last meeting, a flight of iron steps has been erected at the south door of this building. There seems but little more needed in the way of repairs; the upper plastering of our large hall, however, is falling off; the room is unsafe, and demands attention at once. In view of the fact that we have no insurance against fire, it becomes us to take all possible precautions. To this end, I would recommend that the floors and lower ceilings of the ante-rooms to the Society Halls, be completely covered with zinc.

All of which is respectfully submitted.

EDWIN C. HEWETT.

NORMAL, December 11, 1876.

On motion of Dr. Goudy, the report was accepted and ordered to be printed.

The President then read the report of the Curator:

E. C. Hewett, President State Normal University:

DEAR SIE: As I have had no classes to teach in the Normal University since my last report, the present one must be made up entirely of suggestions concerning the future.

I especially desire, through you, respectfully to call the attention of the Committee of the State Board of Education on Textbooks and Methods of Instruction to the present position of the study of zoology in the course, and to lay before them the following reasons for introducing it much earlier:

- 1. Zoology is not necessarily an advanced study, although the higher departments of it are equal in grade to any other studies of the course, yet these higher departments—such as embryology and development—can scarcely be entered upon at all here. The very general ignorance of zoology prevailing among the students coming into the school, compels us to do elementary work, most of which is in grade decidedly below the average of the studies of the course, and some of which cannot be classed as higher than primary. To postpone such work as this to the very end of the course is evidently to violate the natural order, and, by placing this purely primary work side by side with that in the higher branches, to create a misleading prejudice against zoology as a trivial study, unworthy of a mature mind.
- 2. I am convinced that, as exacting and critical study of things affords the natural and the most effective preparation for the study of ideas, the concrete should precede the abstract, that therefore zoology should precede mental science, or even literature; and that those studies will be much more easily and completely mastered after a thorough-going discipline of the primary mental faculties in the study of physical science. Certainly to compare two birds is an easier exercise than to compare two passages from Shakspeare. A child can do the one thoroughly, while the other requires a mature student. The former is therefore first adapted to discipline the developing judgment.
- 3. The fact that the Normal students receive their instruction in zoology just as they are to leave the school, makes it impossible to introduce the study into the model school, and therefore prevents all training of the Normal pupils in the methods of instruction appropriate to this branch. This is especially unfortunate since these methods are very different from those used in

what are known as the common branches. The Normal graduate who teaches zoology as he has learned to teach arithmetic and reading, will make a lamentable failure.

- In other schools of similar grade to this, the organization of scientific societies has been found to be a very valuable measure. Under the influence of these, students have undertaken, of their own accord, much profitable original work in natural history, tending to their own improvement and to the development of tastes and aptitudes of great consequence to their future success, and increasing materially the reputation of the institutions in which they studied. The last report of the English Royal Science Commissioners is conclusive upon this point. societies are represented as productive of even more good than the regular scientific work laid down in the courses of study. Where a science so important as zoology is postponed to the last term of the course, the number of students in the school at any given time who are competent to become members of such a society is very small, -so small that, in point of fact, no such an organization has hitherto been practicable with us; and with facilities for scientific study which, I think, are far superior to those of any other school or college in the State, we turn out scarcely any students likely or fitted to do original scientific work.
- 5. The profit accruing to the school from the museum collections and library, from the zoological laboratory, and from the other facilities provided for scientific study, is much less than it should be, owing to the fact that students are not fitted to avail themselves of these facilities until they have had the regular scientific instruction. They are not prepared to take advantage of their opportunities until just as they are about to be deprived of them, From conversations with the students, I have learned that many of them are quite aware of this fact, and regret it greatly.

Of course all these circumstances have their effect upon the schools outside, to which the Normal pupils pass. The teaching in primary and ungraded country schools is done, as far as Nor-

mal students are concerned, chiefly by those who have not completed the course, and who have consequently had no instruction in zoology. The zoological teaching of these students is, as far as I have observed, not of a kind to do credit to the institution.

I have also to request of the Board of Education that, it the necessary funds can be used for this purpose, a small number of cheap microscopes be provided for students' use in the laboratory. In this request Dr. Sewall joins me heartily. With the single microscope now owned by the institution, it is impossible to give any sufficient knowledge of whole sub-kingdoms of animals and whole classes of facts in animal anatomy and physiology; and the instruments asked would be almost equally useful to the students of botany and human physiology. Microscopes of the required power and excellence can be had for prices ranging from \$40 to \$50. The number required would be 10 or 12.

I would likewise suggest the propriety of furnishing the zoological laboratory with four or five cheap aquaria of various sizes, in order that the students may have an opportunity to study the development and habits of aquatic animals. With these it would be possible to assign to each student at the beginning of the term's work in zoology, a subject of investigation, which he should be required to pursue by original observation and experiment, presenting the results at the end of the term in the form of a paper to be considered as a part of the work upon which his record is to be made up. By this method the habit of independent investigation could be encouraged, and the value of the instruction very greatly increased.

Very respectfully, your obedient servant,

S. A. FORBES.

On motion of Mr. Gastman, the report of Mr. Forbes was referred to the Committee on Text-books and Course of Instruction.

Mr. Clark having resigned, his place on the Committee of Textbooks and Course of Instruction, was, on motion of Mr. Etter, filled by the appointment of Mr. Leal. Mr. Hewett made a financial statement as follows of the Contingent Fund:

NORMAL, ILL., December 13, 1876.

Since the last meeting of the Board, orders for the following amounts have been drawn upon its Treasurer:

. Advertising		30 00
. Apparatus	,	
. Apparatus	1	173 70
Care of Grounds		41 50
Contingent		250 00
		38.71
	60.21	
	126 45	
	62 50	559 20
·		330 00
· · · · · · · · · · · · · · · · · ·	, .	
1 9		
1		
		25 35
. Repairs		
. "		
	32 95	
. "	25 88	
	72 50	
. "	9 53	392 2:
.,		
*		
	-,,	
		12,342 36
n		3,336 35
	Contingent Expressage Fuel " " Iron Stairway Museum " Printing. " " Paints and Oils Repairs " " " " " " " " " " " " " " " " " " "	. Expressage

Mr. Knickerbocker offered the following resolution, which was unanimously adopted:

Resolved, That no bills for expenditures for this Institution will hereafter be allowed, unless such expenditures have been previously authorized by this Board, except such as are to be paid out of the Contingent Fund, contracted upon the order of the President of the University, and except such expenditures as the Building Committee may find necessary to preserve the property of the University.

On motion of Mr. Carter, Messrs. Etter and Moulton were appointed a committee to prepare the annual report to the Governor.

The following resolution, on motion of Mr. Knickerbocker, was adopted:

Resolved, That the Committee on Buildings and Grounds of this Board are hereby instructed and authorized to make all necessary arrangements about the employment of janitor and fireman of the University for the ensuing half year, and they are instructed to reduce the cost of such service to a sum as low as is consistent with the proper performance of the same.

Mr. Noetling introduced the following resolution, which was adopted:

Resolved, That the chairman of the Committee on Buildings and Grounds be, and he is hereby authorized to procure at an expense not exceeding \$40, three lamps (similar to those in use by the town of Normal), one to be placed half-way between the building and the east entrance, one at the south front steps of the building, and the other at such point at the east or north of the building as the said chairman may deem best.

Resolved further, That the sum of \$40 be, and the same is hereby, appropriated for that purpose.

The Finance Committee on Contingent Fund reported as follows:

Dr. Goudy, on behalf of the Auditing Committee, reported that they had examined the Contingent Fund account and accompanying vouchers, and find the same correct.

SYNOPSIS OF ACCOUNT.

To appropriation December 15, 1875\$250	00	
To cash advanced by President Hewett to balance 8	89-\$258	89
Cr.		
By cash paid on 16 vouchers	\$258	89

The report was adopted.

The Finance Committee on Miscellaneous Expenditures presented a report showing that bills to the amount of \$547.89 had been audited and found correct.

Orders for payment of the same were directed to be drawn.

Dr. Goudy offered the following resolution, which was adopted:

Resolved, That the sum of \$300 be placed at the disposal of the President of the University for contingent expenses till the next regular meeting of the Board.

Mr. J. W. Fell being present was called on to make some remarks, who suggested that there were too many trees on the grounds.

The subject was referred to the Building Committee, to remove such trees, after consultation with Mr. Fell, where they are too thick, but such removal of trees shall be without expense to the University.

Mr. Etter moved that the next term of the Institution commence on the third day of January, 1877; which was carried.

The Board adjourned to meet at 2:30 P. M.

AFTERNOON SESSION-2 O'CLOCK P. M.

Board met at 2 P. M. in adjourned session.

Bill of R. Loudon, for \$105.46, for new hose and repairs to steam pipes, was presented and reported favorably upon by the Auditing Committee.

On motion, the following resolution, presented by Dr. Goudy, was adopted:

Resolved, That the President and Secretary of the Board be and they are hereby authorized to draw orders on the Auditor of Public Accounts for the third and fourth quarterly instalments of the appropriations for the ordinary expenses of the Normal University, at Normal, for the current year; each instalment being the one-fourth part of the aggregate amount of the whole of the annual interest of the College and Seminary fund, together with the one-fourth of the sum of \$11,712.88, as said instalments become due and payable, as provided by sections 1 and 2 of "An act making an appropriation for the ordinary expenses of the Normal University, at Normal; approved April 8, 1875," and that the Treasurer of the Board is hereby authorized to receive and receipt for the same.

The Committee on Visiting the University reported progress, and were continued.

On motion, the following was adopted.

Resolved, That the museum in the Normal University building, formerly the property of the Illinois State Natural History Society, but now under the control of this Board, be hereafter known by the name of The Illinois Museum of Natural History.

The Treasurer's report was received and approved. A summary of the report is given as follows:

Dr. Goudy, on behalf of the Auditing Committee, to whom was referred the Treasurer's report, reported that they had examined said report and accompanying vouchers, found the same correct, and recommended its approval.

The following is a synopsis of the report of Charles W. Holder, Treasurer, for the past six months:

June 20, 18	76—To balan	ce on hand l	ast report		
July 10, 1876—To amount received from State of Illinois			6,175 00		
July 17, "	"	и	Note Collected	40 00	
Aug. 9, "	"	44	" "	22 95	
Oct. 11, "	"	•	· State of Illinois	6,175 00	
Oct. 14, "	. "	"	Model School	335 08	
Nov. 17, "		., "	" " … "	400 00	
Dec. 5, "				500 00	
Total	amount			\$16,584 47	
CONTRA.					
Dec. 13, 1876—By cash disbursed on 66 orders		\$13,195 99 3,388 48			
				\$16,584 47	

On motion, Messrs. Moulton, Green, Noetling and Etter were reappointed a committee to present the claims of this University to the General Assembly.

On motion, the Committee on Buildings and Grounds were authorized to repair the cupola, the whole expense not to exceed the amount of money of the Roof Fund now on hand.

On motion, the Board adjourned.

WM. H. GREEN,

President pro tem,

S. M. ETTER,
Sccretary.