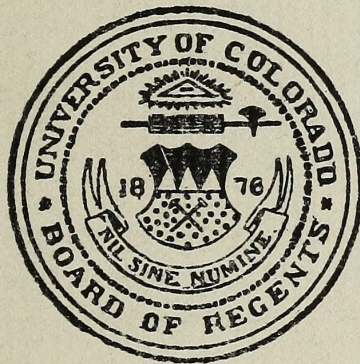


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Thirteenth Biennial Report
OF THE
REGENTS
OF THE
UNIVERSITY OF COLORADO



Boulder, Colorado
October 1, 1902

Original from

UNIVERSITY OF COLORADO.

THIRTEENTH BIENNIAL REPORT OF THE REGENTS, 1900-1902.

To the State Superintendent of Public Instruction, and the Fourteenth General Assembly:

The Thirteenth Biennial Report, from October 1, 1900, to October 1, 1902, is herewith presented by the Regents.

DEPARTMENTS OF THE UNIVERSITY.

The departments of instruction in the UNIVERSITY OF COLORADO are comprehended under the following divisions:

I. COLLEGE OF LIBERAL ARTS:

Classical Course, leading to the degree B. A.
Philosophical Course, leading to the degree B. Ph.
Scientific Course, leading to the degree B. S.

II. GRADUATE COURSES, leading to the degrees M. A., M. S., and Ph. D.

III. COLORADO SCHOOL OF APPLIED SCIENCE:

Civil Engineering, leading to the degree B. S. (C. E.)
Electrical Engineering, leading to the degree B. S. (E. E.)
Mechanical Engineering, leading to the degree B. S. (M. E.)

IV. COLORADO SCHOOL OF MEDICINE.

V. COLORADO SCHOOL OF LAW.

VI. COLORADO STATE PREPARATORY SCHOOL. (Separate Organization, Grounds and Building. Conducted by the University.)

UNIVERSITY OF COLORADO.

ATTENDANCE.

The subjoined table shows the growth in attendance during the past few years:

Years.	Univ. Students.	Prep. Students.	Total.
1891-2	66	103	169
1892-3	129	158	287
1893-4	159	146	305
1894-5	204	192	396
1895-6	267	242	509
1896-7	324	276	600
1897-8	337	273	610
1898-9	390	310	700
1899-00	433	356	789
1900-1	466	367	833
1901-2	510	352	862
1902-3	550 (estimated)	375 (estimated)	925

DEGREES CONFERRED.

In 1901 and 1902 one hundred and fifty-two degrees were conferred, as follows:

	1901.	1902.	Total.
College of Liberal Arts.....	43	33	76
Graduate Courses.....	6	9	15
Colorado School of Applied Science.....	5	8	13
Colorado School of Medicine.....	8	13	21
Colorado School of Law.....	12	14	26
Honorary Degrees.....		1	1
	74	78	152

The Colorado State Preparatory School graduated twenty-nine students in 1901 and thirty-seven in 1902, a total of sixty-six.

GRADUATES.

The register of the Graduates now shows the following figures:

College of Liberal Arts.....	249
Graduate Courses.....	43
Colorado School of Applied Science.....	34
Colorado School of Medicine.....	106
Colorado School of Law.....	82
Honorary Degrees.....	12
	526
Colorado State Preparatory School.....	379
	905

Original from

UNIVERSITY OF ILLINOIS AT
URBANA-CHAMPAIGN

GRADUATE COURSES.

In 1900-1901 there were seventeen students in the Graduate Department: three working for Ph. D.; eight for M. A.; and six for M. S. In 1901-1902 there were twenty-two graduate students: three working for Ph. D.; twelve for M. A.; four for M. S.; and three not candidates for a degree. Higher degrees have been conferred upon fifteen candidates within the biennial period.

In 1901 the degree of M. A. was conferred upon—

Name.	Subject of Thesis.
Frank Howard Clark,	"The Scope and the Efficiency of the Normal Schools of the United States."
Charles Densmore Curtis,	"The Attitude of Martial and Statius toward the Emperors of their Day."
William Wesley Hall,	"The Tragic Heroines of Racine."
Elmer Ellsworth Jones,	"The Emotions and the Change from the Quadrupedal to the Erect Position."

The degree of M. S. was conferred upon—

Lewis Irving Neikirk,
Alwyn Charles Smith,	"Hyperbolic Curves of the Nth Order."

In 1902 the degree of M. A. was conferred upon—

Oscar Perry Akers,	"Singular Solutions of Differential Equations."
John Randolph Bell,	"The Administration of John Montgomery, Governor of the Colony of New York, 1728-1731, with a Preliminary Study of the New York Assembly, 1702-1731."
Lucinda Marie Garbarino,	"Legend and Myth in Sophocles."
David Carl Ring,	"The Anatomy of Cercocarpus Parvifolius."
George Ward Smith,	"The Demotic Composition of the Colony of New York."
Herbert Newell Wheeler,	"Some Plants from Sapinero, Gunnison County, Colorado;" "The Seed Coats of Cleome and Polanisia."

The degree of M. S. was conferred upon—

Harvey Carr,	"Survival Values of Play."
Hermann Emch,	"The Realization of Collineation in a Plane, by Linkages."
Charles Alfred Lory,	"The Effect of Jarring Upon Magnetic Hysteresis, Studied by Means of a New Direct-reading Instrument."

Four of the above graduate students received fellowships in the universities of the East—Pennsylvania, Cornell, Columbia and Chicago.

A Graduate Club, organized for scientific discussions, held monthly meetings during the past academic year.

The Secretaryship of the Graduate Faculty was made vacant by the resignation of Dr. Charles S. Palmer, who was elected last spring to the Presidency of the State School of Mines. The Regents have appointed in his place Dr. J. Raymond Brackett, Professor of Comparative and English Literature, who is responsible for organizing the work and recording the progress of the students.

COLLEGE OF LIBERAL ARTS.

Within the past two years the following appointments have been made in the College of Liberal Arts: Melancthon F. Libby, Ph. D. (Clark), was appointed, September, 1901, to the Chair of Philosophy, made vacant by the death of Francis Kennedy, Ph. D., February 19, 1901. The position of Dean of Women, created in 1901, was filled in September of that year by the appointment of Margaret E. Stratton, M. A. (Oberlin). A department of Geology was instituted in 1901, and Nevin M. Fenneman, Ph. D. (Chicago), assumed his duties as Professor in January, 1902. The department of History and Political Science has been divided into the two departments of History, and Economics and Sociology. Professor Nichols is retained in the Chair of History, and in September, 1902, John B. Phillips, Ph. D. (Cornell), was made Professor of Economics and Sociology. John B. Ekeley, Ph. D. (Freiburg), fills the Chair of Chemistry, made vacant by the resignation in June, 1902, of Professor Charles Skeele Palmer, Ph. D., to take the Presidency of the Colorado School of Mines. John P. Langs, B. A. (Columbia), takes the place, as Instructor in Music, of Frederick M. Lillebridge, M. A., who resigned in June, 1902, to accept another position. George Norlin, Ph. D., Professor of Greek, is given leave of absence this year to pursue research work in Europe. The Acting Professor is LaRue VanHook, B. A. (Michigan), formerly Fellow in the University of Chicago.

President Baker was granted a four-months' leave of absence, June to October, 1902, to travel and visit some universities abroad. During his absence Professor Ramaley, of the department of Biology, was Acting President.

The first volume of the "University of Colorado Studies" was issued January, 1902.

The Faculty has under discussion a reorganization of the college curriculum.

THE SCHOOL OF APPLIED SCIENCE.

The Engineering School has undergone very marked changes within the past Biennial period. The enrollment of students has almost doubled, the faculty has been strengthened, and the curriculum has been extended by the installation of a department of Mechanical Engineering.

The school sustained a severe loss in the death of Dean Fulton.* He had held the Deanship and the chair of civil engineering from the establishment of the school in 1893. Professor George H. Rowe, of the chair of electrical engineering, was appointed Dean of the School of Applied Science September, 1902, to fill the vacancy. Charles Derleth, Jr., B. S. and C. E. (Columbia), was appointed to the professorship of civil engineering.

H. Chester Crouch, M. E. (Cornell), has been appointed Assistant Professor of Mechanical Engineering, and is now in full charge of that department. A complete four-year course in mechanical engineering, leading to the degree of B. S. (M. E.), is now offered. In order to provide room for this department an addition to the engineering building was constructed in the summer of 1902, and the necessary equipment of forges, anvils, furnaces, etc., was installed. Additional equipment has also been purchased for the departments of electrical engineering and civil engineering.

Graduates of the School of Applied Science are uniformly successful in securing positions. The General Electric Company of Schenectady, N. Y., the American Bridge Company of Pittsburg, the Colorado Fuel and Iron Company, the Westinghouse Electric Company, the American Smelting and Refining Company, the Niagara Falls Electric Company, and several of the leading railroad systems of the country are employing graduates of this school in various capacities.

SCHOOL OF MEDICINE.

The University Hospital is now practically self-supporting. The clinics now offered by the Hospital and the medical dispensary are increasing in number and quality year by year. Each senior class arranges for regular visits to the leading hospitals in Denver, where special opportunities for observing clinics are secured by members of the Faculty.

*Henry Fulton, M. S., Dean of the School of Applied Science and Professor of Civil Engineering, died December 6, 1901.

A new motor-generator has been placed in the Medical Building, making it possible to give electrical treatment and to operate an X-ray machine.

The wisdom of making the admission standard equivalent to that of the other departments of the University has been demonstrated. The improved quality of preparation, as shown by the freshman classes of the past two years, has been gratifying. The tendency of medical students to take collegiate degrees or one or more years of collegiate training before beginning the work of the medical school is worthy of note.

The following changes have been made in the Faculty of the Medical School: Dr. Horace O. Dodge resigned the chair of *Materia Medica* and *Therapeutics*, and Dr. Charles F. Andrew has been appointed in his place; Dr. A. Stewart Lobingier resigned the chair of *Surgery* and *Clinical Surgery*, and Dr. Luman M. Giffin has been appointed to the vacancy. Dr. Oscar M. Gilbert has been made Lecturer on *Anatomy*. Dr. William H. Riley resigned the chair of *Mental and Nervous Diseases*, and Dr. Arthur McGugan has been appointed.

SCHOOL OF LAW.

In the death of Professor Murfree* the Law School suffered a severe loss. His administration of the office of Secretary was marked with great success. Under his management the department was thoroughly organized. Professor Albert A. Reed, LL.B., was appointed Secretary of the School. A familiarity with the history of the School, its methods and work, enabled Professor Reed to continue the administration of the affairs of the department without serious break. Mr. William H. Pease, a graduate of Toronto University, and of the Law School of our University, has been added to the faculty as a resident professor of law.

No change has been made in the system of study; it remains a conservative combination of lectures and text-books with the "case" method. The subjects of *Pleading*, *Practice*, *Code of Civil Procedure*, *Conveyancing* and *Drafting Legal Instruments* are receiving great emphasis.

The library has been enlarged by the addition of several sets of *State Reports* and many new text-books.

The tendency is to elevate the standard of preliminary scholastic work. This policy may prevent a large increase in numbers, but

*William L. Murfree, LL. B., Secretary of the Law School, and Professor of Law, died January 25, 1902.

should result in the graduation of students better qualified to enter the profession. The percentage of college-trained students is increasing.

The School is a member of the Association of American Law Schools.

PREPARATORY SCHOOL.

The Preparatory School is conducted as heretofore, the city of Boulder using the department for its High-School pupils and sharing the expense. It has been the policy of the University to perfect the details of the school rather than increase its numbers. The accommodations are not ample enough to justify an increased attendance. The University encourages the development of high schools in all towns of sufficient size throughout the State, that the demand for college preparation may be met near at home. The Preparatory School has grown in efficiency until it expresses the demand of the University in secondary work.

In the opinion of the Regents, the statute making it obligatory to maintain a Preparatory department, should be so modified as to leave the question to the option of the Regents.

BUILDINGS AND GROUNDS.

Since the last report some improvements have been made on the grounds in the way of grading and road building. A stone walk has been laid on Twelfth street as far as Cottage Number One. Trees have been planted in a number of places. Three arc lights have been placed on the campus and porch lights on all the buildings. Many minor repairs on buildings were made last summer. The various scientific departments have added a number of instrument cases to their equipment, and six large cases have been installed in the museum in the Hale Scientific building. The museum has been rearranged and everything placed in the best order for exhibition purposes.

The pipe line from the central heating plant to the principal buildings has been relaid. This improvement, together with a new boiler just installed, greatly increases the efficiency of the heating system.

A large athletic field has been laid out just east of the Medical building. This field is used in the fall for football and in the spring for baseball and track athletics.

An addition to the Engineering building, at an expense of about \$1,000.00, provides quarters for the department of Mechanical Engi-

neering. A complete rearrangement of the Anatomical building makes it more convenient than formerly. The lack of rooms for recitation purposes has been more apparent the last year than ever before. Nearly every room is used by more than one professor, and many of the rooms are badly crowded by the large classes.

The central portion of a new Library building, 65x115 feet, was begun in September, 1902. The building will be of gray brick with white sandstone trimmings. It will serve temporarily as a complete Library building.

RELATION TO THE HIGH SCHOOLS.

Since the last report several High Schools have been added to the "accredited" list, and many others are striving to attain the standard necessary for recognition. Graduates of the University are now found on the list of teachers in nearly all the High Schools of the State.

High-School Day at the University last May was celebrated in a noteworthy manner. About 1,200 High-School visitors were present. To the Faculty and student committees, the citizens who donated prizes for the events, and the High Schools co-operating, the University is indebted for the success of the day.

The announcement, here reproduced in part, will give an adequate idea of the plan and purpose of the occasion:

UNIVERSITY OF COLORADO.

HIGH-SCHOOL DAY.

The remarkable growth of interest in High-School Day, throughout the State, has warranted the University in making the day a permanent feature of its life. Last year, between five and six hundred members of High-School graduating classes visited the University. This year a much larger number is expected, as the University is arranging a program of events that should make the celebration more attractive than ever to both teachers and students of Colorado High Schools.

The date fixed for High-School Day, 1902, is Saturday, May 17th.

On Friday evening, May 16th, there will be held in the University auditorium the Inter-Scholastic Oratorical Contest, conducted under conditions prescribed below.

In the forenoon of High-School Day will be held the

High-School Conference, which should this year be of special interest to our High-School teachers, as the conference will be addressed by one of the prominent educators of the country.

In the afternoon will occur the State Inter-Scholastic Track Athletic Meet, whose success has already been assured by promises of co-operation from a number of High Schools.

To this event an admission fee will be charged to cover, in part, the great expense undertaken by the University in providing for the Meet.

A cordial invitation is extended to superintendents, principals and teachers of High Schools, and members of graduating classes, to be present this year. An invitation is also extended to other High-School students who care to take advantage of the special rates, to visit the University and enjoy the events of the day. High-School students visiting the University are advised to bring lunch baskets for a picnic on the University grounds.

GENERAL PROGRAM.

I. INTERSCHOLASTIC ORATORICAL CONTEST. University auditorium, Friday evening, May 16th, 8 o'clock. The conditions of the contest are as follows:

1. It is open to all accredited High Schools.
2. Preliminary contests are to be held in each High School contesting, the winner to be the representative from that school.
3. The winning orations, signed by fictitious names, shall be sent to the University not later than April 26th, addressed to George C. Taylor, Instructor in English, who will present them to the Committee of Award.
4. Out of these orations eight will be chosen for public delivery at the University.
5. The orations are not to consist of more than twelve hundred words.
6. A trophy will be awarded to the High School winning first place, to be retained by that school during the term of its championship.

It is hoped that all accredited High Schools of the State will take part in this contest, which ought, if entered into with spirit, to awaken a keen interest in public speaking in the various schools.

II. VISITING BUILDINGS. General survey of University grounds, buildings, laboratories, etc., by visiting High-School students, who will be helped by a Committee of Welcome, made up of University students. This may be done any time during the forenoon of High-School Day.

III. HIGH SCHOOL CONFERENCE. Address by E. Benjamin Andrews, LL.D., President of Nebraska University, 11 o'clock. University auditorium.

IV. INTERSCHOLASTIC TRACK ATHLETIC MEET, on Gamble Field, at 2 o'clock.

This Interscholastic Track Athletic Meet was added as a feature of High-School Day by the advice of a representative body of High-School men, who held a meeting at the University last January to discuss this matter. This meeting unanimously voted that a State Interscholastic Track Athletic Association, holding its annual meet at the University on High-School Day, would be mutually advantageous to the High Schools and the University; that it would serve to bring the High Schools and the University into still closer sympathy; that it would bring the track and field athletic interests of the High Schools under one organization; that it would, if properly managed, as in a number of other states where it has been tried successfully, stimulate interest in track and field sports and give an impetus to sound athletic enthusiasm in the High Schools.

ATHLETICS.

The general supervision of athletic sports in the University has been vested in a Board of Control, consisting of the Faculty Committee on Athletics, the President of the University Athletic Association and the Graduate Treasurer. This Board has entire control of all funds for athletic purposes and has the following powers: To decide upon all expenditures for athletic purposes; to fill vacancies in standing committees; to make by-laws for the government of the Board and standing committees; to delegate such of its power as it chooses to sub-committees; to decide upon all matters pertaining to athletic interests, such as the business of conventions, eligibility of players in athletic games, schedules of games and tournaments, selecting trainers, etc.

NEEDS.

The last General Assembly included in its special appropriation a sum for a library building. The Regents made a most careful study of plans for the proposed structure. The conclusion reached was that from this time the University must build for the future, and not waste money on temporary and inadequate structures. Another important conclusion was that it would be unwise if not impossible to include an auditorium in the building. They finally decided to erect the central portion of a building—the wings to be added in later years. The foundation of this portion, 65 by 115 feet, is now being laid. The sum provided by the General Assembly, \$40,000, is inadequate to finish even this portion; at least \$25,000 more will be needed.

A separate building to be used as an auditorium should be provided at once. The present room has not seating capacity for all the students. It is of prime importance to have a place for assembly of students and for audiences on public occasions. Such a building should cost not less than \$25,000.

The Chemistry Building should be completed. The west wing, erected in 1898, is now too small for the needs of the department of Chemistry. The cost of erecting the center and east wing would not be less than \$20,000.

The Engineering School has had a large growth during this biennial period, and an addition to the present building at a cost of \$10,000 will soon be needed.

In the near future a building for class rooms, already needed, will be absolutely required.

The heating plant must soon be reconstructed on a larger and more permanent plan.

Many improvements upon the grounds, such as grading, road-building and constructing a safe dam for the lake, are to be provided for.

The special appropriation for the next two years should, with the one-fifth mill levy, provide \$100,000 per year for the running expenses of the University in addition to the sum required for buildings. The growth of the University calls for larger expenditure in every direction, especially for instruction and equipment.

THE UNIVERSITY LOAN.

The University loan, authorized by the Governor in 1899, remains unpaid. It should, if possible, be the first care of the next General Assembly. We subjoin the report made upon this subject two years ago.

During the summer of 1899, the Regents, seeing that the University would be obliged to close its doors, unless heroic measures were adopted, held a special meeting in Denver, July 31, and, after an extended discussion of the whole problem in all its aspects, passed the following resolution:

"In considering the problem now facing the University of Colorado, arising from failure in the state's revenues to meet the appropriations for the various institutions, it appears that the members of the Twelfth General Assembly, representing the people of Colorado, almost unanimously by word and by act of appropriation showed, not only their appreciation of the present work of the University, but a desire and purpose to increase its usefulness; that closing of the University would be a calamity that would injure the State, directly or indirectly, in its every interest; that the sentiment of the State, as shown by the attitude of the press and by the public and private utterances of many influential citizens, is solidly against closing or even crippling the University; that the deficit in the state's revenue affects so many interests that it seems evident the whole question must at an early day come before a special session of the Legislature and ample provision be made to support our institutions and preserve the credit and good name of Colorado; that a number of public-spirited citizens are offering to take the risk of advancing funds for immediate needs in opening the University.

"In view of these facts, we, the Regents of the University of Colorado, hereby resolve to accept the aid proffered, and direct that the University open on September 11th as regularly announced. In accepting the funds advanced by citizens, we hereby agree to repay the same with interest at six per cent. per annum, if the appropriation made by the last General Assembly is realized, or, at such time as the General Assembly may make specific and adequate provision for the purpose.

Signed,

"The Board of Regents of the University of Colorado."

The Boulder Committee, which raised a loan of \$20,000 to warrant the opening of the University in September, 1899, was made up of the following gentlemen:

Mr. Albert A. Reed, Chairman,	Mr. Jay B. Hiskey,
Mr. George M. McClure,	Mr. William H. Allison,
Mr. John H. Nicholson,	Mr. Charles C. Bromley,
Mr. Isaac Berlin,	Hon. Edwin J. Temple,
Dr. William B. Stoddard,	Hon. Richard H. Whiteley,
Mr. Robert T. Fulton,	Mr. Neil D. McKenzie,
Judge Sylvester S. Downer,	Mr. James Cowie,
Mr. Lucius C. Paddock,	Mr. Warren C. Dyer,
Mr. John W. Day,	Mr. Thomas V. Wilson.

At a meeting of some prominent citizens held in Denver, September 20, 1899, "to consider matters of vital interest to the State University," it was voted unanimously to endeavor to secure an additional loan of \$50,000 for the support of the University during the remainder of the Biennial Period. The following Citizens' Committee to solicit funds was appointed:

- | | |
|--------------------------------|-------------------------|
| General Irving Hale, Chairman, | Judge Owen E. LeFevre, |
| Mr. William H. Bryant, | Mr. Joseph K. Choate, |
| Hon. Hugh Butler, | John Chase, M. D., |
| Hon. Willard Teller, | Mr. Gustave C. Bartels, |
| Governor Alva Adams, | Mr. Joel F. Vaile, |
| President Frank Trumbull, | Mr. James H. Blood. |

The persevering and successful work done by both of these committees merits the highest appreciation.

The list of subscribers to the loan appears in the appendix, and reference is made to that list. Never in the annals of Colorado has a more public-spirited and generous act been recorded. It will go down in history that these subscribers saved the University of Colorado in a crisis of its affairs, brought about by no fault in the remotest way connected with the University, and incidentally saved Colorado from loss in material interest, credit and honor. It would be a lasting disgrace to the State, were there any failure to promptly repay the sums advanced.

Each subscriber to the loan, as the money is paid to the Treasurer, receives the following certificate of indebtedness:

THE UNIVERSITY OF COLORADO.

CERTIFICATE OF INDEBTEDNESS.

Boulder, Colorado,1900.
No..... \$.....

This is to Certify, That there is due to.....
.....or his legal representatives or
assigns the sum of.....Dollars, for
moneys advanced to the University of Colorado, for the sup-
port and maintenance of the same during the remainder of
the pending biennial period.

This Certificate is one of a series of Certificates of In-
debtedness, amounting in the aggregate to the sum of Sev-
enty Thousand Dollars, issued under and by authority of the
following Executive Order, given on the Seventeenth day of

November, A. D. 1899, and is payable, with interest at the rate of Six per centum per annum, from the date hereof until paid, upon call of the Treasurer of the University of Colorado, at such time as the General Assembly of the State of Colorado may make specific and adequate provision for the payment of the same and funds under such provision become available.

.....of the University of Colorado.
By.....Treasurer.

EXECUTIVE ORDER.

WHEREAS, The Twelfth General Assembly, by an Act, approved April 19, 1899, appropriated the sum of One Hundred and Ten Thousand Dollars for the maintenance, and the payment of the salaries of, the officers and employes of the University of Colorado, for the years 1899 and 1900, which said appropriation belongs to what is known as appropriations of the third class, and for the payment of which there are at present no funds available in the hands of the treasurer; and,

WHEREAS, The needs of said University of Colorado are of great consequent urgency, so that the said institution may not be compelled to suspend and close for the want of available funds to maintain the same.

NOW, THEREFORE, It is declared that an emergency concerning said institution exists, as is contemplated in and by Section 4112, Mills' Annotated Statutes; WHEREFORE, I, Charles S. Thomas, Governor of the State of Colorado, by virtue of the authority vested in me, do hereby authorize the contraction of an indebtedness for the remainder of the pending fiscal period, not to exceed the sum of \$70,000, which, in my judgment, is absolutely necessary for the maintenance and support of the said University of Colorado until such time as the General Assembly shall meet, and I do further declare this Executive Order to be in force as of the 1st day of September, 1899.

Witness my hand and the seal of this Office at Denver, this 17th day of November, A. D. 1899.

CHARLES S. THOMAS,
Governor.

RESOLUTION OF THE REGENTS OF THE UNIVERSITY OF COLORADO.

In accepting the funds advanced by citizens, we hereby agree to repay the same with interest at Six per cent. per annum, if the appropriation made by the last General Assembly is realized, or, at such time as the General Assembly may make specific and adequate provision for the purpose.

GIFTS.

Previous reports have recorded gifts valued at \$45,805.00. Gifts during the past two years are as follows:

Mrs. Maude C. Gardiner, Boulder, two microtomes; instruments (Biology)	\$	45.00
Mrs. William Duane, Boulder, three mounted butterflies (Biology)		5.00
Dr. Albert L. Bennett, Denver, six Chinese idols (Museum) ..	—	
Captain Alonzo Coan, Boulder, British fossils (Museum) ..		75.00
Judge Junius Henderson, Boulder, cretaceous fossils (Museum)		15.00
T. J. Sipple, Boulder, cretaceous fossils (Museum)		1.00
Mrs. Alice I. Fulton, Boulder, Colorado ores (Museum)		5.00
Professor William Duane, Boulder, North Carolina minerals (Museum)		2.00
Members of University faculties and students, two hundred specimens of local rocks (Museum)	—	
R. S. McCaffery, San Pedro, New Mexico, metal specimens (Civil Engineering)		5.00
W. H. Burr, New York, and Charles Derleth, Jr., Boulder, blue prints of Kings Bridge bridge, City Island bridge and foundations (Civil Engineering)		50.00
General Electric Company, Schenectady, N. Y., photographs (Civil Engineering)		10.00
Union Pacific R. R., Colorado Midland R. R., Colorado & Southern R. R., Chicago, Burlington & Quincy R. R., photographs (Civil Engineering)		43.00
Dr. D. C. Brown, Aspen, mine model used in mine litigation (School of Law)		200.00
William T. Hughes, Denver, Law of Evidence, edition of 1756, formerly of the library of William Blackstone (School of Law)	—	

Library gifts; also reported on page 30:

Books. Pamp. Maps.

American Bar Association.....	2	
Baker, Dr. James H.....	26	
College catalogues, etc.....	30	817
Colorado Attorney General.....	18	
Colorado Bureau of Mines.....	1	4
Colorado Secretary of State.....	18	
Colorado Supt. of Public Instruc.....	3	6

	Books.	Pamp.	Maps.
Dennet, Dr. I. C.....	129		
Denver Public Library.....	19		
Duane, Dr. William.....	11		
Fulton, Mrs. Alice I.....	23		
Gardiner, Dr. John.....	23		
Gardiner, Mrs. Maude C.....	6		
Gardiner, Mrs. Maude C., annual sub- scription to "Annals of Botany," "Revue Général de Botanique"..			
Hughes, W. T., Denver.....	25		
Kennedy, Dr. Francis.....	102	46	
McLean, Dr. James A.....	10		
Massachusetts Board of Insanity....	2		
Massachusetts Bureau of Labor.....	5		
Massachusetts Bureau of Statistics..	7		
Massachusetts Ry. Commissioners...	2		
Michigan Supt. of Public Instruction.	5		
Reed, Calvin. E.....	10		
Rowland, Capt. E.....	11		
Smithsonian Institution	33	9	
Stoddard, Dr. Wm. B., annual sub- scription to "Journal of Society of Chemical Industry".....			
Stonaker, C. L.....	6		
Thomas, Rev. J. C.....	16		
Titcomb, J. L., Denver.....	17		
U. S. (Supt. of Docs. & Depts.).....	462	258	19
Walker, Dr. Henry H.....	16		
W. C. T. U. (Dup. Pub. Docs.).....	157		
	-----	-----	-----
	1,195	1,140	19
Miscellaneous	197	251	4
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Total.....	1,392	1,391	23
Total value of library gifts.....			\$300.00
Total value of gifts 1900-1902.....			756.00
Gifts previous to 1896.....			\$27,207.00
Gifts, 1896-1898			11,556.00
Gifts, 1898-1900			7,042.00
Gifts, 1900-1902			756.00
Total.....			\$46,561.00

REPORTS SUBMITTED.

We submit herewith the pay roll of the University, Report of the University Secretary, Report of the Treasurer of the Medical School, Report on Citizens' Loan Fund, Treasurer's Report, Secretary's Report, Librarian's Report, Inventory of Property.

Respectfully submitted,

OSCAR J. PFEIFFER,
WILL J. ORANGE,
HAROLD D. THOMPSON,
DAVID M. RICHARDS,
WILLIAM H. BRYANT,
FRANK E. KENDRICK,
Board of Regents.

JAMES H. BAKER,
President.

EDWARD J. MORATH,
Secretary.

APPENDIX.

PAY ROLL OF THE STATE UNIVERSITY.

(Including Fixed Appropriations for the Law and Medical Schools).

James H. Baker, M. A., LL. D., President.....	\$ 4,500.00
Edward J. Morath, Secretary Board of Regents.....	360.00

COLLEGE OF LIBERAL ARTS.

Fred B. R. Hellems, Ph. D., Dean, Professor of Latin.....	\$ 2,100.00
Mary Rippon, Professor of the German Language and Literature	1,800.00
J. Raymond Brackett, Ph. D., Secretary of the Graduate Faculty; Professor of Comparative and English Literature	2,200.00
Ira M. DeLong, M. A., Professor of Mathematics.....	2,200.00
Arthur Allin, Ph. D., Professor of Psychology and Education	2,000.00
Charles C. Ayer, Ph. D., Professor of Romance Languages..	2,000.00
William Duane, Ph. D., Professor of Physics.....	2,000.00
George Norlin, Ph. D., Professor of Greek.....	1,900.00
LaRue Van Hook, B. A., Acting Professor of Greek.....	—————
Francis Ramaley, Ph. D., Professor of Biology.....	1,900.00
Walter H. Nichols, M. A., Professor of History (part time)	500.00
Nevin M. Fenneman, Ph. D., Professor of Geology.....	1,700.00
Melanchthon F. Libby, Ph. D., Professor of Philosophy....	1,400.00
John B. Phillips, Ph. D., Professor of Economics and Sociology	1,600.00
John B. Ekeley, Ph. D., Professor of Chemistry.....	1,800.00
Arnold Emch, Ph. D., Assistant Professor of Pure and Applied Mathematics	1,200.00
Margaret E. Stratton, M. A., Dean of Women.....	900.00
Fordyce P. Cleaves, M. A., Instructor in Oratory and Physical Training	500.00
George C. Taylor, M. A., Instructor in English.....	1,000.00
John P. Langs, B. A., Instructor in Music.....	600.00
Hortense Roberts, Assistant in Latin.....	200.00

Wilhelmina C. Hinkhouse, B. S., Assistant in German.....	\$ 200.00
John J. Browne, B. A., Assistant in Mathematics.....	400.00
Edna E. Voight, Assistant in Mathematics.....	50.00
Daniel P. Taylor, B. A., Assistant in Pedagogy.....	200.00
Rosetta G. Bell, B. A., Assistant in Romance Languages...	100.00
Judson R. West, Assistant in Physics.....	200.00
William M. Parker, Assistant in Physics.....	100.00
Lucinda M. Garbarino, M. A., Assistant in Greek.....	100.00
Chancey Juday, M. A., Assistant in Biology.....	300.00
John W. Needles, B. A., Assistant in Chemistry.....	150.00
William S. Cunningham, Assistant in Chemistry.....	150.00
Jeanne Coulter, Assistant in English.....	100.00

Alfred E. Whitaker, M. A., Librarian.....	1,600.00
Hanson T. Parlin, Assistant in Library.....	300.00
Omar E. Garwood, Ph. B., Secretary.....	1,200.00
Harry J. Kesner, Assistant Secretary.....	135.00
Fritz C. Mors, Director of Gymnasium.....	180.00

\$39,825.00

SCHOOL OF APPLIED SCIENCE.

George H. Rowe, B. S., Dean; Professor of Electrical Engineering	\$ 2,000.00
Charles Derleth, Jr., B. S. and C. E., Professor of Civil Engineering	2,000.00
Arnold Emch, Ph. D., Assistant Professor of Pure and Applied Mathematics. (Salary noted elsewhere.)	
H. Chester Crouch, M. E., Assistant Professor of Mechanical Engineering	1,200.00
George R. Moore, Instructor in Engineering Shop. (Salary noted elsewhere.)	
Jerome H. Fertig, Assistant in Civil Engineering.....	100.00
John C. Fowler, Assistant in Civil Engineering.	

\$ 5,300.00

The remaining work of the School of Applied Science is done by professors in the College of Liberal Arts.

SCHOOL OF MEDICINE.

(The Hospital employees are not included in the following list).
 Appropriation for expenses of Medical School, including
 salaries \$4,500.00

- Luman M. Giffin, M. D., Dean; Professor of Surgery.
 John Chase, B. A., M. D., Professor of Ophthalmology and
 Otology.
 Thomas E. Taylor, B. A., M. D., Professor of Obstetrics.
 William B. Craig, M. D., Professor of Principles of Surgery
 and Pelvo-Abdominal Surgery.
 Emley B. Queal, M. D., Professor of Physiology.
 Eugene H. Robertson, Ph. M., M. D., Professor of Pathology
 and Bacteriology.
 George H. Cattermole, M. D., Professor of Diseases of
 Children and Clinical Medicine.
 Frank E. Waxham, M. D., Professor of Medicine, Clinical
 Medicine, Laryngology and Rhinology.
 Francis Ramaley, Ph. D., Professor of Histology.
 Charles Fisher Andrew, M. D., Professor of Materia Medica
 and Therapeutics, and Assistant to the Chair of Medi-
 cine.
 Charles S. Elder, M. D., Professor of Gynecology and Ab-
 dominal Surgery.
 Newton Wiest, M. D., Professor of Diseases of the Skin.
 John B. Ekeley, Ph. D., Professor of Chemistry.
 Arthur McGugan, B. Sc., M. D., Professor of Psychiatry and
 Nervous Diseases.
 Lafayette Z. Coman, M. D., Lecturer on Minor Surgery and
 Bandaging.
 Willard J. White, M. A., M. D., Lecturer on Hygiene and
 Medical Jurisprudence.
 Oscar M. Gilbert, M. D., Lecturer on Anatomy and Demon-
 strator of Anatomy.
 Robert J. Wells, Assistant in Chemistry.
 Walter W. Reed, M. D., Assistant to the Chair of Obstet-
 rics and Instructor in Pharmacognosy.
 Dessie B. Robertson, D. D. S., D. D. Sc., Assistant in Bacte-
 riology and Pathology.
 John A. Russell, M. D., Laboratory Instructor in Minor
 Surgery and Bandaging.
 Chancey Juday, M. A., Assistant in Histology.

Martin E. Miles, M. D., Assistant to the chair of Anatomy and the chair of Psychiatry and Nervous Diseases.

SCHOOL OF LAW.

Appropriation for expenses of Law School, including salaries \$3,000.00

Moses Hallett, LL. D., Dean; Professor of American Constitutional Law.

Albert A. Reed, LL. B., Secretary; Professor of Law.

Charles M. Campbell, P. B., B. C. L., Professor of Law.

Calvin E. Reed, LL. B., Professor of Law.

William H. Bryant, B. S., LL. B., Professor of Law.

Robert Given, B. A., Professor of Law.

Thomas M. Robinson, Professor of Practice and Judge of Practice Court.

Walter H. Nichols, M. A., Professor of History.

Edwin Van Cise, Professor of Law.

William H. Pease, B. A., LL. B., Professor of Law.

Hugh Butler, Lecturer on Common Law Pleading.

Luther M. Goddard, LL. B., Lecturer on Law of Patents, Copyrights and Trademarks.

Robert S. Morrison, Lecturer on Law of Mines and Mining.

John Campbell, M. A., LL. B., Lecturer on Law of Private and Municipal Corporations.

Charles S. Thomas, LL. B., Lecturer on Law of Evidence.

Henry T. Rogers, M. A., Lecturer on Law of Corporations.

John D. Fleming, B. A., LL. B., Lecturer on Law of Insurance.

Lucius M. Cuthbert, M. A., LL. B., Lecturer on Conflict of Laws.

John A. Riner, LL. B., Lecturer on International Law.

Platt Rogers, LL. B., Lecturer on Law of Trusts and Fiduciary Relations.

John H. Denison, B. A., Lecturer on Equity Jurisprudence, Pleading and Practice.

Ralph Talbot, B. A., Lecturer on Criminal Law and Procedure.

Charles D. Hayt, Lecturer on Law of Taxation.

Cæsar A. Roberts, M. A., Lecturer on Colorado Civil Code.

Arthur McGugan, B. Sc., M. D., Lecturer on Mental Alienation.

Willard J. White, M. A., M. D., Lecturer on Medical Jurisprudence.

Eugene Wilder, Clerk of Practice Court.

Ab H. Romans, B. Ped., Librarian.

Charles J. O'Connor, B. Ped., Librarian.

Frances Davy, Secretary.

PREPARATORY SCHOOL.

(One-third paid by University.)

Henry White Callahan, Ph. D., Headmaster; Instructor in History and Latin (Plus \$250,000)	\$ 916.66
Horace C. Hall, B. A., First Assistant and Instructor in Mathematics	400.00
Arthur L. Patton, B. S., Instructor in Physics and Chemistry	300.00
Ora S. Fowler, B. S., Instructor in Biology.....	100.00
John P. Langs, B. A., Instructor in Music.....	66.66
Samuel J. Pease, B. A., Instructor in History.....	66.66
Lemuel F. Parton, Instructor in English.....	66.66
Anna M. Grant, B. A., Instructor in Greek and Latin.....	200.00
Carrie E. Orton, B. A., Instructor in Latin and German..	166.66
Maud Elden, B. A., Instructor in Mathematics.....	83.33
Matilda Krebs, B. A., Instructor in English.....	116.66
Isabel Swarthout, Instructor in Drawing.....	100.00
R. T. Marshall, Janitor.....	184.00
	<hr/>
	\$2,767.29

OTHER EMPLOYEES.

Silas A. Crandall, Steward.....	\$ 600.00
George R. Moore, Engineer.....	840.00
William W. McCarter, Fireman.....	540.00
Celso Espinosa, Employe on Grounds.....	480.00
Albert Pomeroy, Janitor Main Building.....	360.00
Eight Student Janitors.....	715.50
Edward J. Mannix, Clerk of Attendance Committee.....	54.00
Craig M. Bouton, Stock Room Assistant.....	180.00
Christina Johnson, care of rooms in Woodbury Hall and in cottage Number 2 (estimated)	184.50
	<hr/>
	\$ 3,954.00

SUMMARY.

College of Liberal Arts (including officers of the University)	\$39,825.00
School of Applied Science.....	5,300.00
School of Medicine.....	4,500.00
School of Law.....	3,000.00
Preparatory School	2,767.29
Other employees	3,954.00
	<hr/>
Total.....	\$59,346.29

REPORT OF UNIVERSITY SECRETARY.

From October 1, 1900, to October 1, 1902.

RECEIPTS.

Balance on hand, October 1, 1900.....	\$ 480.66
Tuitions, fees and sundry small receipts, 1900-1901.....	9,761.85
Tuitions, fees and sundry small receipts, 1901-1902.....	10,581.00
	<hr/>
	\$20,823.51

DISBURSEMENTS.

By cash paid to University Treasurer.....	\$19,500.00
By fees returned to students.....	624.40
Balance on hand, October 1, 1902.....	699.11
	<hr/>
	\$20,823.51

Respectfully submitted,

OMAR E. GARWOOD,
Secretary.

REPORT OF TREASURER OF SCHOOL OF MEDICINE.

From October 1, 1900, to October 1, 1902.

RECEIPTS.

Balance on hand, October 1, 1900.....	\$ 390.08
Fees collected from Oct. 1, 1900, to Oct. 1, 1902.....	4,264.65
Hospital receipts from Oct. 1, 1900, to Oct. 1, 1902.....	8,892.65
From University for bills due, Oct. 1, 1900.....	395.85
	<hr/>
	\$13,943.23

Original from

DISBURSEMENTS.

Paid Treasurer of the Board of Regents.....	\$12,976.60
Due from University for bills paid.....	358.46
Balance on hand October 1, 1902.....	608.17
	\$13,943.23

Respectfully submitted,

L. M. GIFFIN,
Treasurer.

REPORT ON CITIZENS' LOAN FUND.

To October 1, 1900.

BOULDER SUBSCRIPTIONS PAID.

Name.	1899. Average date.	Amount.
Henry Lippoldt	Sept. 9	\$ 100.00
Fred Burger, Sr.....	Sept. 16	100.00
H. C. Holstein.....	Sept. 20	200.00
Joseph Bergheim	Sept. 22	300.00
Bromley & Williamson.....	Sept. 25	100.00
Mrs. L. A. S. Durward.....	Sept. 25	100.00
James H. Baker.....	Sept. 28	1,000.00
J. D. Mason.....	Sept. 28	50.00
Bliss & Holbrook.....	Sept. 30	100.00
W. W. Wolf.....	Sept. 30	100.00
Boulder Pub. Co.....	Oct. 1	100.00
S. A. Giffin.....	Oct. 1	500.00
E. C. Lewis.....	Oct. 1	500.00
N. D. McKenzie.....	Oct. 1	200.00
George R. Williamson.....	Oct. 1	1,000.00
D. L. Wise.....	Oct. 1	100.00
Helen Beardsley	Oct. 2	100.00
John Gardiner	Oct. 2	500.00
W. B. Keeler & Sons.....	Oct. 2	200.00
John Leahy	Oct. 2	50.00
W. S. Lee.....	Oct. 2	100.00
John McInnis	Oct. 2	250.00
Mrs. A. St. Julian.....	Oct. 2	100.00
Fred White	Oct. 2	200.00
William Babcock	Oct. 3	100.00
Ed Monroe	Oct. 3	100.00

Original from

UNIVERSITY OF ILLINOIS AT
URBANA-CHAMPAIGN

REGENTS' REPORT.

Name.	Average date.	Amount.
W. L. Seely.....	Oct. 3	\$ 300.00
Adam Weber	Oct. 3	100.00
Isaac T. Earl.....	Oct. 5	250.00
C. S. Palmer.....	Oct. 5	200.00
T. H. Fitzpatrick.....	Oct. 6	200.00
F. Jordinelli	Oct. 6	100.00
J. T. Atwood.....	Oct. 7	50.00
Albert A. Reed.....	Oct. 7	1,000.00
William Duane	Oct. 8	250.00
John H. Harbeck.....	Oct. 15	500.00
H. D. Harlow.....	Oct. 15	200.00
W. H. Allison.....	Oct. 16	500.00
A. J. Macky.....	Oct. 16	500.00
C. C. Ayer.....	Oct. 18	150.00
Ira M. DeLong.....	Oct. 18	400.00
H. O. Dodge.....	Oct. 18	250.00
J. A. MacLean.....	Oct. 18	250.00
McClure-White Mercantile Co.....	Oct. 18	500.00
Francis Ramaley	Oct. 18	160.00
Maxwell & Greenman.....	Oct. 19	250.00
J. H. Nicholson.....	Oct. 25	300.00
Kate W. Poley.....	Oct. 26	100.00
George W. Teal.....	Oct. 29	100.00
S. S. Downer.....	Nov. 3	250.00
J. R. Brackett.....	Nov. 4	250.00
Mary Rippon	Nov. 4	250.00
W. B. Stoddard.....	Nov. 4	250.00
Hannah C. Barker.....	Nov. 7	500.00
Hiskey & McNaughton.....	Nov. 12	500.00
Henry Fulton	Nov. 14	250.00
John W. Day.....	Nov. 15	100.00
P. J. Werley.....	Nov. 16	200.00
Francis Kennedy	Nov. 18	300.00
D .K. Sternberg.....	Nov. 20	100.00
O. H. Wangelin.....	Nov. 24	250.00
George H. Rowe.....	Nov. 25	100.00
Danforth & Ward.....	Nov. 28	250.00
George F. Fonda.....	Nov. 29	500.00
Woclett-Brown Lumber Co.....	Nov. 29	100.00
Charles T. Gilbert.....	Dec. 1	50.00
Elbert Greenman	Dec. 1	100.00
J. G. Trezise.....	Dec. 2	100.00

Name.	Average date.	Amount.
Cowie & Moorhead.....	Dec. 4	\$ 50.00
D. E. Dobbins.....	Dec. 5	100.00
Meyer Bros.	Dec. 5	50.00
G. G. O'Brien.....	Dec. 15	25.00
	1900.	
L. M. Giffin.....	Jan. 15	250.00
E. B. Queal.....	Jan. 18	100.00
F. B. R. Hellesms.....	Feb. 1	250.00
Henry White Callahan.....	Sept. 14	249.98
George H. Cattermole.....	Sept. 25	100.00
Total paid.....		\$18,434.98
Boulder subscriptions unpaid.....		1,925.00
Total Boulder subscriptions.....		\$20,359.98

STATE SUBSCRIPTIONS PAID.

	1900.	
Pueblo Savings Bank.....	March 31	\$1,000.00
Moses Hallett	April 3	1,000.00
National State Bank, Boulder.....	April 4	2,125.00
W. Byrd Page.....	April 5	500.00
First National Bank, Pueblo.....	April 7	3,000.00
D. R. Green.....	April 10	250.00
A. E. Reynolds.....	April 13	500.00
O. E. LeFevre.....	April 19	500.00
Geo. W. Baxter.....	April 27	500.00
First National Bank, Boulder.....	April 27	2,125.00
Eben Smith	May 2	10,000.00
Western National Bank, Pueblo.....	May 2	1,000.00
Colorado National Bank, Denver.....	May 8	4,000.00
Denver National Bank.....	May 8	4,000.00
First National Bank, Denver.....	May 8	4,000.00
Mercantile National Bank, Pueblo.....	June 4	1,000.00
J. F. Campion.....	June 8	2,500.00
J. W. Graham.....	July 6	1,000.00
"A Citizen"		5,000.00
Total paid		\$44,000.00
State subscriptions unpaid.....		6,000.00
Total State subscriptions.....		\$50,000.00

REGENTS' REPORT.

Total subscriptions	\$70,359.98
Total paid	\$62,434.98
Total unpaid	\$ 7,925.00

Respectfully submitted,

J. H. NICHOLSON,
Treasurer.

The receipts as noted above were accounted for in the Treasurer's report, October 1, 1900.

RECEIPTS SINCE OCTOBER 1, 1900.

(Included in the Treasurer's Report of October 1, 1902.)

Meyer Bros.	Oct. 4, 1900	\$ 50.00
A. E. Reynolds.....	Dec. 7, 1900	2,000.00
Total.....		\$ 2,050.00

Respectfully submitted,

W. S. BELLMAN,
Treasurer.

TREASURER'S REPORT.

From October 1, 1900, to October 1, 1902.

RECEIPTS.

Cash on hand October 1, 1900.....	\$ 17,393.10
State Treasurer, General Fund, one-fifth mill tax.....	104,268.70
State Treasurer, Special Appropriation.....	80,408.43
State Treasurer, Land Income.....	4,887.28
Receipts from Medical School and Hospital.....	12,976.60
Receipts from University Secretary.....	19,500.00
E. J. Temple (Still due \$200.00).....	200.00
Day and Henry (Amount returned acct. of error in bill) .	100.00
Meyer Bros., Loan Fund.....	50.00
A. E. Reynolds, Loan Fund.....	2,000.00
	<hr/>
	\$241,784.11

DISBURSEMENTS.

Warrants paid from October 1, 1900, to October 1, 1902....	\$187,392.29
Balance on note and interest.....	2,609.05
Cash on hand, General account	\$46,782.77
Special account	5,000.00— 51,782.77
	\$241,784.11

Respectfully submitted,

W. S. BELLMAN,

Treasurer.

SECRETARY'S REPORT.

From October 1, 1900, to October 1, 1902.

Warrants issued in payment of expenses of the several Departments of the University during the biennial period October 1, 1900, to October 1, 1902:

College and School of Applied Science—Instruction and expense	\$ 79,786.81
School of Medicine—Instruction, apparatus, hospital and other expenses (largely reimbursed by Medical tuitions and Hospital receipts).....	22,456.90
School of Law—Instruction, library and other expenses (partly reimbursed by tuitions).....	8,679.85
Preparatory School—Instruction and other expenses.....	6,992.99
Civil Engineering—Books, apparatus and supplies.....	2,318.21
Electrical Engineering—Books, apparatus and supplies...	1,445.48
Mechanical Engineering—Apparatus and supplies.....	327.99
Library—Books, periodicals, binding and supplies.....	3,481.60
Advertising—(Including visitation of schools and institutes, and lectures).....	3,889.88
Buildings and Grounds—Repairs, improvements, salaries of janitors, insurance, etc.....	30,204.84
Fuel and Light.....	6,685.21
Furniture and Supplies.....	2,281.22
Printing, Postage and Stationery.....	4,777.52
Regents—Service and mileage.....	4,930.35
Biology—Books, apparatus and supplies.....	1,050.52
Chemistry—Books, apparatus and supplies.....	1,963.47
English—Books	61.08
Geology—Books, apparatus and supplies.....	350.87
German—Books	94.12

Original from

Greek—Books	\$ 375.17
History and Political Science—Books.....	59.45
Latin—Books and supplies.....	128.73
Literature—Books and supplies.....	99.11
Mathematics—Books	431.63
Philosophy—Books, apparatus and supplies.....	145.68
Physics—Apparatus and supplies.....	562.89
Psychology and Ed.—Books, apparatus and supplies.....	436.00
Romance Languages—Books	177.05
Unclassified	5,327.38

Total.....\$189,522.00

Refunded—Day & Henry..... 100.00

Total expenses for Biennial Period.....\$189,422.00

Warrants issued, not paid by October 1, 1900.....\$ 5,095.55

Warrants issued, not paid by October 1, 1902..... 7,225.26

\$ 2,129.71

Warrants issued from October 1, 1900, to October 1, 1902..\$189,522.00

Warrants paid by Treasurer from October 1, 1900, to October 1, 1902.....\$187,392.29

Respectfully submitted,

EDWARD J. MORATH,
Secretary Board of Regents.

LIBRARIAN'S REPORT.

James H. Baker, President of the Board of Regents, University of Colorado:

DEAR SIR—I have the honor to present herewith my report on the Library, covering the period from October 1, 1900, to October 1, 1902.

ADDITIONS.

The total number of volumes accessioned and placed in the Library during the two years is 3,688, derived from various sources, as follows:

Gifts (U. S. Publications)	323
Gifts (Miscellaneous)	892
	<hr/>
Total gifts	1,215
Binding	703
Purchased	1,770
	<hr/>
Total accessions	3,688

DONATIONS.

Gifts have been received, entered, and acknowledged as follows:

Books	1,392
Pamphlets, College catalogues, etc.	1,391
Maps, charts, etc.	23
	<hr/>
Total	2,806

Donations are shown in detail on page 15.

BINDING.

Periodicals (completed volumes)	597
New books (issued in paper)	251
Rebound	65
Newspapers	26
	<hr/>
Total	939

SUMMARY.

Number of volumes reported October 1, 1900.		21,847
Additions—		
By gift (U. S. Publications)	323	
By gift (Miscellaneous)	892	
	<hr/>	
Total by gift		1,215
By binding		703
By purchase		1,770
		<hr/>
		3,688
		<hr/>
Total		25,535
Deductions—		
Cancelled (lost and worn out)	17	
Less found and returned	13	
	<hr/>	
Total deduction		4

Total number of volumes in Library October
1, 1902..... 25,531

Respectfully yours,

ALFRED E. WHITAKER,
Librarian.

INVENTORY OF UNIVERSITY PROPERTY.

The following estimates, taken from inventories recently made, are presented as fair approximations:

GROUNDS.

Campus, fifty-two acres (estimated present value unimproved)	\$26,800.00
Improvements, as fences, grading, roads, walks, pipes, drains, trees, lake, bridges, athletic field.....	18,800.00
	<hr/>
	\$45,600.00

BUILDINGS.

(Approximate cost of each.)

Main Building.....	\$ 36,500.00
University Cottage.....	6,600.00
Medical Building.....	8,800.00
Cottage No. 1.....	8,400.00
Cottage No. 2.....	3,800.00
Anatomy Building.....	2,500.00
Woodbury Hall.....	24,500.00
Hale Scientific Building.....	47,500.00
Engineering Building and heating plant.....	18,100.00
Heating plant, boilers, pipes in ground, fan house.....	9,000.00
Observatory	200.00
Ice House.....	300.00
Stable and shed.....	1,200.00
Chemistry Building.....	9,700.00
Gymnasium Building.....	5,700.00
Hospital, furnished.....	15,000.00
	<hr/>
	\$197,800.00

FURNITURE, ETC.

Team, implements, tools, engineer's and carpenter's supplies (value)	\$ 1,724.00
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Original from

Room furniture, as chairs, settees, desks, tables, movable cases, pictures, office furniture, dormitory and dining hall equipment, shades and janitor's supplies, gymnasium apparatus (value)	\$ 11,149.00
	<hr/>
	\$ 12,873.00

LIBRARY.

Library (value)	\$ 40,000.00
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APPARATUS.

Biology (Including specimens).....	\$ 2,507.00
Chemistry	2,720.00
Civil Engineering.....	3,731.00
Comparative and English Literature.....	630.00
Electrical Engineering	4,274.00
Geology	418.00
German	20.00
Greek	291.00
Hospital (furniture and instruments).....	3,015.00
Latin	20.00
Mathematics	351.00
Mechanical Engineering.....	3,605.00
Medicine	4,762.00
Physics	7,145.00
Psychology	716.00
	<hr/>
	\$ 34,205.00

COLLECTIONS.

Geological and Mineralogical (value).....	\$ 2,608.00
Art (cost).....	1,800.00
	<hr/>
	\$ 4,408.00

SUMMARY.

Grounds	\$ 45,600.00
Buildings	197,800.00
Furniture, etc.....	12,873.00
Library	40,000.00
Apparatus	34,205.00
Collections	4,408.00
	<hr/>
	\$334,886.00