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The Daily Cardinal.

UNIVERSITY OF WISCONSIN.

VOL. X. NO. 132.

MADISON, WIS., THURSDAY, MARCH 28, 1901.

Price Five Cents.

Final Oratorical Contest at Library Hall, To-Morrow Evening at 8 o'clock.

FINAL CONTEST

BIG EVENT COMES OFF TO MORROW NIGHT.

Seven Contestants Will Participate—Will be a Close Event—The Orators.

The final Oratorical Contest will be held in Library Hall to-morrow evening at eight o'clock. The price of admission has been placed so low, that it is within the means of all. The fee for the gallery has been placed at ten cents, and entrance to the main floor can be obtained for fifteen cents.

The money raised will be used to defray the expenses of the representative in the Northern Oratorical League.

The winner of the contest will represent Wisconsin in the contest to be held in Iowa city, May 3, under the auspices of the Northern Oratorical League. The orator receiving second place will act as alternate. In addition to these honors the two highest in the home contest will receive cash prizes. The Capital City prize of \$100 will be awarded to the winner of first place, and the Lewis prize of about \$20 will go to second place. The Frankenburger Oratorical Banner will go to the Literary society whose representatives receive the best ranks. This banner must be won by a society three times before it can be held permanently. It is at present in the possession of Athenaeae.

The judges on thought and style are Professor H. L. Smith, Judge Bunn, and Hon. Burr W. Jones. The manuscripts have already been placed in their hands. The judges on delivery are Dean Johnson, Rev. Updike and Prof. W. H. Hobbs. Judge Bardeen will act as president of the evening.

William F. Schmidt, '03, Philomathia, speaks first, his subject being, "A Eulogy of Gladstone." Mr. Schmidt's home is in Manitowoc. He qualified in the final by winning the sophomore open.

Martin S. Hines, law '01, Forum, speaks second on "John Brown." He comes from Highland, and qualified in the senior open.

Miss Louise Loeb, '02, Castalia, speaks third upon "The Triumph of Altruism." Her home is in Appleton, and she is a sister of Joseph Loeb who took part in the final contest last year. She qualified for the final by winning the Junior Ex.

Charles R. Rounds, '01, Athenaeae speaks next. His subject is "Lincoln the Orator." He was one of the four highest in the Senior Open.

Frank W. Bucklin, '02, Hesperia, comes fifth. His subject is "Civic Patriotism." His home is in Brodhead. He qualified for the final by winning the Junior Open.

Edward J. B. Schubring, '01, Hesperia, speaks next upon "Our Commerce." He qualified for the final in the Senior Open.

Arthur F. Beule, '01, Athenaeae, speaks last. The title of his oration is "A Prophet of the New Time." Mr. Beule's home is in Beaver Dam. He qualified for the final in the Senior Open.

Oratorical contest tomorrow evening at Library Hall.

Rob't E. Pinkerton, '03, has been unable to attend classes for a few days on account of illness.

SIGNALLY HONORED

PROFESSOR BABCOCK FORMALLY PRESENTED WITH MEDAL.

Graceful Tribute by Governor—Eloquent Presentation by Regent Fethers—Modest Response.

All Wisconsin honored Prof. Stephen Moulton Babcock last night. In the presence of the governor, the members of the supreme bench, the state officers, the members of both branches of the legislature, many members of the university faculty and some of the most prominent and most representative citizens of the state, Prof. Babcock was presented with a bronze medal—the largest ever cast in England. This medal was given as a mark of the esteem and appreciation which the citizens of Wisconsin have for the man who cast aside the opportunity of making a fortune and gave to the world without a patent an invention which has brought fame to the university and which has done for dairying just what the reaper has done for grain farming—made it possible to conduct it on a great scale.

Governor's Graceful Tribute.

Governor La Follette presided. In calling the assemblage to order and stating the purpose of the meeting he said:

"This is indeed a rare occasion. The events that have given rise to it are ennobling and inspiring. Professor Stephen Moulton Babcock of our university, in the course of his work as a scientist, made a practical invention of untold commercial value, which has revolutionized the dairy industry of the world. A colossal fortune was within his grasp, but putting it aside, he sacrificed all pecuniary considerations to his high sense of duty and obligation, and gave to the public the priceless product of his great genius and disinterested labor.

"Wisely did the legislature provide and wisely has the committee executed in making permanent record of the people's appreciation of Professor Babcock's work for the state and for the world; and in causing to be indelibly engraved in bronze, Wisconsin's recognition of his unselfish devotion to public service.

"This medal, formally presented to him tonight, can add nothing to his fame and reputation, for that is already world-wide. But the state, the legislature and the constituency back of this representative body, in thus expressing their appreciation of a great service, rendered in a spirit of noble generosity and high honor, will be estimably benefitted, in thus honoring Professor Babcock."

Other Addresses.

Assemblyman C. W. Gilman, representing the lower branch of the legislature, said Wisconsin was an agricultural state and as such was one of the great dairying districts of the United States. He explained that the badger state owed its greatness in dairy to Prof. Babcock, who invented the Babcock milk test which enables a farmer to tell how much butter fat his cows are producing and also makes it possible for him to get the full value of it when he places it on the market. Mr. Gilman said the assembly was proud that Dr. Babcock was a citizen of Wisconsin.

Senator Hatton reviewed the recent

JOHNSON APPOINTED

ON COMMITTEE FOR NEW SCHOOL OF TECHNOLOGY.

Great Compliment to University and Prof. Johnson—A Recognized Authority in His Line.

USE OF BATHS

ANDY O'DEA GIVES STUDENTS GOOD ADVICE.

Prescription for Healthy Bathing—Remedy Suggested to Prevent Crowding of Baths.

Professor Monaghan says in speaking of the selection of Dean Johnson as one of the committee of eminent educators to determine the plan and scope of the proposed Carnegie School of Technology: "Wisconsin has to congratulate itself that Dean J. B. Johnson as one of the leading authorities on technical and industrial art education, has been recognized as such by the Carnegie, Schwab, McConway committee of Pittsburgh, Pa., who are about to construct a new technical institution in the city of Pittsburgh. While a great personal compliment to Dean Johnson and also a great compliment to the University, it will be of inestimable value to the new school, for Dean Johnson not only has studied the technical education in question in this country but has spent considerable time abroad where he gave the subject the closest study in Germany, France, and England."

It is interesting to note that it is the purpose of Mr. Carnegie to make this school, if money and work can do it, the greatest of its kind on earth. It is likely to become the lasting monument to the liberality, if not to the genius, of Andrew Carnegie. Rumor reports the gift of \$25,000,000 as an endowment fund.

The committee of education will advise the scope and plan upon which such an institution should be based. Dean Johnson will undoubtedly advise that the school have a foundation large enough to meet all needs of our whole industrial and commercial life, leaving it open at the top, so to speak, for the highest attainments in science, art and even in literature. No doubt his familiarity with the schools in Paris, Berlin and London and other large cities will encourage the establishment of industrial art schools, commercial schools and commercial high schools.

The original committee which has had the matter in charge of establishing such a school consists of C. M. Schwab, President of the U. S. Steel Co., Wm. McConway, President of the McConway, Torley Co., and Jno. A. Broshcar, astronomical instrument maker, of Alleghany, Pa. They have been working several months on this scheme and have come to a point where they are ready to submit the whole subject to a special committee of technical educators.

Tomorrow's Convocation.

Professor Stearns is to speak at Convocation tomorrow on "Some Relations of the High School." As Professor Stearns has been closely connected with high schools as an inspector for the University the subject promises to be interesting and instructive.

Candidate for County Judge.

George S. Martin of the class of '75 on the hill, an Athenaeae and a joint debater in the winter of 1874-5, is a candidate for county judge to succeed J. H. Carpenter. Mr. Martin is also a graduate from the Law School.

Bathing facilities at Wisconsin are unequalled by any college in the country, and this being so, there is no reason why the present arrangement cannot be utilised so as to be entirely efficient and absolutely satisfactory. True, there are complaints lodged from time to time, and when investigated, usually result in the fault being traced to the ignorance of someone using the apparatus.

Recently I have been questioned very frequently as to the proper methods of bathing, and I consider the time opportune to offer a few remarks, which I hope will be of benefit to many who use the baths, and incidentally will somewhat relieve the strain upon the space and apparatus.

The principal complaint at present is the overcrowded state of the shower-bath room. This only occurs from five to six p. m., when almost the entire crowd that has been exercising during the afternoon, rush collectively to the baths, and thereby tax the available space, causing a good deal of inconvenience. It is hard to remedy this condition, and to accommodate everyone comfortably, it would certainly be necessary to provide at least three times the amount of the present space. This is absolutely unnecessary as well as impracticable, especially when one takes into consideration the fact that most of the college gymnasias are not provided with nearly the space nor equipment that there is at Wisconsin, and yet there is not much complaint from other institutions on this score. We can, however, very greatly relieve this crowded state of affairs, by using a little common sense together with a little more consideration for the other fellow.

At present there is entirely too much time spent in the baths. A shower-bath for a healthy person, and all persons using the gym, are supposed to be healthy, should not occupy more than two minutes and 30 seconds all told. The time under the warm water should not exceed 2 minutes, and the cold shower 30 seconds. Of course the tendency is not to delay under the cold water, so that regulates itself. It may be observed that there is very little crowding about the cold showers. But the boys do remain an unnecessarily long time under the warm water. Moreover the majority clamor for "hot water" when the temperature is already higher than is necessary or beneficial. The water in the showers as a rule is of such a temperature as to be positively injurious. I have frequently noticed students stand for 10 and 15 minutes under water at a temperature ranging from 110 to 115 degrees Fahr., and then go off without even a glance at the cold water. When a man is exercising he usually carries it to a point where he breaks down all the tissue that is desirable, therefore it is unnecessary to expose himself to a further experience of tissue waste which is injurious, and he certainly does so by remaining in the hot water for too long a period. It is only necessary to remain long enough un-

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Final Oratorical Contest.
The final oratorical contest to-
morrow evening will result in the
selection of a representative for the
intercollegiate contest at Iowa City
in May. Most of the other univer-
sities in the league have already
chosen their representatives and it is
evident that Wisconsin will be in fast
company. A liberal attendance at the
contest tomorrow evening will help
sustain the oratorical interests of the
University and assist in paying the
expenses incidental to sending repre-
sentatives to the contest at Iowa City
and maintaining the contests here in
the University itself.

A Representative Appointment.
The appointment of Dean Johnson
on the committee of the new Carnegie
institution at Pittsburg is a compli-
ment to the gentleman's abilities and
is testimony as to the reputation of
our school of engineering.

It is not a mere committee of man-
agement but is one requiring great
discretion, inquiring as it does into
the general needs of the country in
the line of technical education, and
deciding as to the whole scope of the
new school. The report of the com-
mittee will probably be influential in
guiding the trend of technical edu-
cation in the future in this country, as
the school with its magnificent endow-
ment, is bound to take the lead in
those lines.

It is well that a man of the broad
ideas of Dean Johnson has been se-
lected for this purpose.

The Weather.
Fair tonight and Friday.

Now is the Time.

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line of all supplies and will give 20
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Local and Personal.

—Tommy Tormey, '99, now a
junior at Rush is spending his spring
vacation in Madison.

—Edwin A. Snow leaves tonight for
a trip through the northern part of
the state on which he will deliver a
series of readings.

—Preparations are being perfected
now for the building of the addition
on the north end of the Dairy build-
ing. This additional space will be
occupied by the artificial refrigerating
plant and the new pasturizing rooms.

—Thomas W. Robertson was here
not long ago gathering statistics in
regard to the Dairy School. He is a
special agent of the United States
Department of Labor at Washington
and is getting statistics concerning
trade schools.

—Dean J. B. Johnson has been
selected to talk before the convocation
of the regents of the University of
New York, which meets at the State
House in Albany next summer, on
"Technical Education." This is an
annual meeting at which many
eminent men address the convocation
on subjects relative to the interests of

Twin City Alumni Reunion.

Professor Frankenburger returned
this morning from St. Paul where he
attended a reunion of Wisconsin
alumni of the Twin Cities.

Tuesday evening a goodly number
of alumni met at the Aberdeen Hotel.
There a program of informal speeches
was carried out. Professor Franken-
burger and various Minneapolis and
St. Paul alumni, making short
speeches. Refreshments were then
served followed by a social good time
and dancing.

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27.

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Continued from first page.
wonderful advancement that has been made in agriculture and traced it all to the applying of scientific principles. He payed Prof. Babcock a glowing compliment as a scientist of world-wide reputation and as a public benefactor who should be honored for the great service.

Prof. Henry, representing the university, spoke feelingly of the work of his associate, Dr. Babcock. Then he read many letters from different states and foreign lands, including France, England and New Zealand, each paying some graceful tribute to the great and unselfish work of the honored professor.

Fethers Makes Presentation.

Ogden H. Fethers of Janesville, a member of the committee appointed to select the medal, made the presentation, delivering a short but eloquent address.

Speaking to Professor Babcock he said in part:

"When we were honored by being selected to give expression to the desire of the legislature to create an enduring memorial of your service to Wisconsin, the nation and the world, we sought and secured the assistance of the best designers and makers of medals everywhere. Five designs came to us from Europe and six from the United States; all of them excellent. From this goodly number we chose the design from which this medal was struck that commemorates your name and fame.

"It represents the dignity of State, with Agriculture supported by Learning, beautifully united in a harmonious whole. Its excellence is enhanced by the relative dependence of each figure to the others, while the imagination of the artist causes Agriculture and Learning to defer to State.

"State is seated on a throne of empire on the raised dais of supremacy. Behind her is anchored a ship of ancient make which has sailed out of the unenlightened yesterday. Expectantly and graciously she watches the advance of Agriculture, while in her left hand she holds the scroll which bears the record of your victory. Agriculture full of strength, triumphantly faces State and in the full knowledge of her achievements in science and invention places one foot securely upon the dais. On her arm she carries the ripened grain; one hand wields a sickle and the other is grasped by that of Learning. Together, they stand the splendid embodiment of the motto of Wisconsin—Forward. The imagination of the artist has created a grouping full of sentiment and throbbing with life.

"The inscription upon this enduring bronze will bear eternal witness that, 'Recognizing the great value to the people of this state and the whole world of the inventions and discoveries of Professor Stephen Moulton Babcock of the University of Wisconsin and his unselfish dedication of these inventions to the public service, the state of Wisconsin presents to Professor Babcock this medal.'

Prof. Babcock's Response.

Amid deafening applause Prof. Babcock accepted the medal. Of a modest and retiring nature, he found it difficult to give expression to his feelings. He was deeply grateful, he said, for the mark of appreciation which the state had conferred upon his work and felt that it was the greatest satisfaction of his life to be thus assured of the success he had attained. It would have been impossible for him to have succeeded, he said, had it not been for the wise bounty of the state in establishing and maintaining the opportunity for scientific investigation.

Ex-Gov. Hoard's Address.

The feature address of the evening was that of former Governor W. D. Hoard of Ft. Atkinson. He was introduced by Governor La Follette as the publisher of a paper which is known as well in China as in Wisconsin.

Mr. Hoard spoke in glowing terms

Spring is at Hand

and all nature will soon be bright and gay.

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of Dr. Babcock's generosity and that lofty self abnegation of character which prompted him to give his invention to the world. He spoke of the development of science and especially the science of farming during the last few years; also of the prominence the University of Wisconsin has attained in the agricultural line. He outlined the progress of dairy machinery and explained at length the operation of the Babcock milk tester.

quested to leave their address at Prof. Scott's office, room 8, Main Hall.

Lectures on Birds.

At a meeting of the Madison Audubon Society called by Prof. Marshall, March 26, arrangements were made for a series of lectures to be given by the leaders of the various sections of the spring bird classes. These lectures will be given in room 34 of Science Hall, and will be illustrated by lantern slides and museum specimens. All persons interested in the study of birds are invited to attend, whether they are intending to join the bird classes in the morning or not.

The first lecture will be given by Dr. Libby on the subject of "Our Winter Residents and the spring Migration." Those who intend to do regular work in the morning classes are requested to purchase and bring to the first lecture the Field Book for Bird Study. This little book can be procured at the bookstores, and it is especially prepared for the out door study of birds.

The morning bird classes will begin on Saturday, March 13.

Junior Law Elect.

The junior law class held a meeting to-day noon in the Law Building for the purpose of organizing their class. Class officers were elected and a committee was chosen to draw up a constitution. The officers elected were as follows: president, Seth W. Richardson of Ortonville, Minn.; vice-president, Miss Corina C. Banning of Fort Wayne; secretary, Mr. Tigen; treasurer, Edmund W. Wheelan; sergeant-at-arms, Mr. Krolevec.

Wisconsin's representative for inter-collegiate oratorical contest will be chosen tomorrow night.

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Prizes and Trophies.

Continued from first page.
der the shower to cleanse the perspiration from the skin, which can easily be accomplished in two minutes. Then a short immersion in the cold water not to exceed 30 seconds will chill the skin and cause reaction in a few moments, the effect being of a decidedly tonic nature. A vigorous rub with a dry towel should then be taken, and when completely dry, the body should be immediately clothed. After their cold shower many go into the drying room. The ventilation in this room is very bad, and the air injurious, and as a matter of fact the room was originally built for drying football clothes, and was never intended to be used as a part of the bathing equipment.

A favorite "stunt" recently has been to introduce a hose pipe into the drying room, and then turn on live steam. Many remaining in the room 10 or 15 minutes. Nothing could be more injurious to a healthy boy or man, and I sincerely hope that all candidates for the athletic teams will refrain from using this method of inducing a gentle perspiration. All the perspiration necessary to one of the athletes ought to be gained by actual work in his special line. Any wasting process outside of the regular work will actually harm him and render him unfit for work.

The showers on the north side of the bath room are supplied with hot water by a small boiler in the steam room. The capacity is limited, and the showers can be regulated according to the desire of the persons using them. These are generally used in the morning before the large showers are turned on. A great deal of thoughtlessness is exhibited in operating these showers, and a consequent waste of hot water. I have noticed students turn on these showers and then go off leaving the hot water to simply empty into the drains. The supply in the boiler is rapidly exhausted and the next one in order for a shower is compelled to call up "John" to turn on the large showers which is rather extravagant for one person.

In order to convey some idea of the correct temperature of the various baths the following table will be useful:

The water of a cold bath should have a temperature of from 40 degrees to 50 degrees Fahr.

If employed for its tonic action the bather should not remain in it longer than the period of complete reaction.

The tepid bath has a temperature of from 85 degrees to 95 degrees Fahr.

The warm bath has a temperature of from 95 degrees to 100 degrees Fahr.

The hot water has a temperature of from 100 degrees to 106 degrees Fahr.

Of course the hot bath is used medicinally and then of course the duration of the stay in it will depend entirely on the purpose for which it is used. However, where, as in the average case in the gymnasium, the purpose is merely for the excitation of the circulation in the skin, it is not necessary to remain longer than two minutes.

Where possible, the most beneficial hours to bathe are 11:30 a.m., 4:30 p.m. and 9:30 p.m. In the latter case care should be taken that the hair is perfectly dry before retiring. One bath daily is sufficient.

If a little thought, added to a systematic practice, be given to these remarks, we shall find that there is ample bathing room at Wisconsin, and not only will matters be more comfortable, but there will be a resulting physical benefit to the entire student body.

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