



# **The daily cardinal. Vol. IV, No. 76 December 13, 1894**

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# The Daily Cardinal.

UNIVERSITY OF WISCONSIN.

VOL. IV.—No 76]

MADISON, WIS., THURSDAY, DECEMBER 13, 1894.

[PRICE THREE CENTS.

## AMENDMENTS TO CONSTITUTION

### REPORT OF THE COMMITTEE TO THE ASSOCIATION.

### CHANGES IN BUSINESS POLICY OF ATHLETICS.

Several Amendments to the By-laws also Proposed.

At the June meeting of the Board of Directors of the Athletic Association a committee was appointed to propose changes in the business policy of the association and report at the annual meeting. The following are the amendments to be the constitution and by-laws which this committee will present to the association at its meeting tomorrow.

#### ARTICLE III

Section I to read as follows:

Sec. I. The officers of this Association shall be a President, Vice-President, Secretary and Treasurer; and a board of eighteen (18) directors, three of whom shall be the President, Vice-President and Secretary as ex-official members; and three of whom shall be members of the faculty. All of these officers shall hold office for one year or until their successors are elected.

Eight members present at a regular meeting shall constitute a quorum of the board of directors.

Section 3 to read as follows:

Sec. 3. The treasurer shall have charge of all money raised for athletic purposes; shall collect all assessments voted by the Board of Directors; shall pay out no money except on receipt of an order signed by the President and two other members of the auditing committee. At the annual meeting and at each regular meeting of the Directors he shall submit a clear and explicit statement of the financial standing of the association. Before every athletic event he shall furnish the proper manager a requisite number of tickets for such event, take his receipt for the same. He shall, with the other officers, see that no money is expended by the managers except for such debts as are immediately connected with an athletic event.

Sec. 5. The Board of Directors shall select from their number an auditing committee of five members, the president of the association to be ex-official member, who shall audit all bills and accounts of the association and shall pass upon the vouchers of the managers of the several departments.

#### ARTICLE IV

Section 3 to read as follows:

Sec. 3. Managers of each department shall have no power to expend money or to incur any indebtedness except for such things as are immediately connected with an athletic event.

Sec. 4. Managers shall turn over to the treasurer of the association within the week following any athletic event or trip, the total gross receipts from such event or trip less the expenses immediately connected with such event or trip. For such expenses audited vouchers shall be turned over to the treasurer.

Sec. 5. No manager shall arrange for any trip without the approval of the board of directors unless he has a guarantee sufficient to pay all expenses of the trip.

Sec. 6. Managers shall be present at all meetings of the board of directors during the active season of the department of athletics of which they have charge.

Sec. 7. No tickets shall be used at any match game or public exhibition except those furnished by the treasurer of the association, but the manager shall be furnished with a reasonable number of complimentary tickets for each game.

Sec. 8. The managers of the several departments shall be provided with account-books, letter-books and letter-file and shall use the same for keeping an account of the finances and preserving the correspondence of their department. Such accounts and correspondence shall be turned over by the managers to their successors in office.

#### BY-LAWS.

Sec. 4. Omit beginning with "an auditing committee."

Sec. 6. There shall be a regular meeting of the board of directors on the first Monday of the fall term at 7:15 P. M. in Armory Hall; and fortnightly thereafter at same hour and place until December first. There shall be a regular meeting of the board of directors on the first Friday in April and fortnightly thereafter until June first, at same hour and place.

Sec. 7. The President shall call a special meeting of the board of directors at the request of any manager.

Sec. 8. The first order of business after roll call at any meeting of the Board of Directors shall be "Managers Business".

#### Committee:

Chas. S. Slichter  
A. L. Sanborn  
L. M. Hanks

#### CURLING CLUB ORGANIZED.

The members of last year's Curling club met and elected officers as follows for the coming year: President, E. J. Henning, law '96; vice president, E. L. Hicks, '95; secretary, W. L. Woodward, law '96; treasurer, T. B. Blackburn, '97. Great interest is manifested in the sport among the older members and new men are joining. Some of the professors are interested and will probably join. The club expects to arrange for several tournaments this winter with the teams at Poynette, Lodi, Baraboo and Milwaukee East Side. There is a possibility of their sending a rink to the Bonspiel at St. Paul in February.

Students wishing to join the club may do so by giving their names to the secretary and they will be acted on by the executive committee. The annual fee of one dollar is charged for membership.

#### REMEMBER THE ATHLETIC ASSOCIATION MEETING TOMORROW.

The Pharmaceutical Club will meet Friday, Dec. 14th, at 4 P. M., in Room 11, North Hall. Paper by A. Vinian on "The Distribution of Encalyptus."

"All interested are invited."

ATHLETIC ASSOCIATION MEETING TOMORROW AT 4 P. M. IN LIBRARY HALL.

## PUFF BALLS AND MUSHROOMS

### DISCUSSED BY PROF. BARNES YESTERDAY.

### NO EXAMINATION UNTIL NEXT TERM.

Toadstools Talked About—The Lecture Illustrated.

Lichens, puff balls and mushrooms were the subjects yesterday of Prof. Barnes's last lecture on botany. Lichens are the formation of a partnership between a fungus and an alga. They are flat and of a grayish green color and grow on fence rails, rocks and tree trunks. The structure has three distinct parts. Inside are the tangled filaments of the fungus mixed with green balls or single celled algae. At the surface the filaments are coalescent forming a false tissue. The fungus alone produces spores which are found in small sacks at the bottom of the cups. The relation of the two plants is most harmonious as it furnishes water and the alga manufactures food for both. The method of reproduction is vegetative and consists of the separation of bits of algae wrapped up in balls by filaments of fungus and which are blown away to take root and form a new lichen. These fungi can be made to grow with other elementary forms of plant life, which explodes the old belief of the autonomy of the lichens.

Puff balls have numerous long roots and though they may spring up in a night they have been weeks getting ready. Puff balls produce spores inside and toadstools on the outside. The interior of the puff balls is filled with a mass of loose threads and brown spherical spores, forming the well known brown powder when the ripened balls burst.

Toadstools are umbrella shaped plants with radiating flat plates on the under side called gills. These gills are covered with spores. Between toadstools and mushrooms no difference in structure exists. Some make excellent food and others are virulent poisons. A few simple observations in choosing will prevent danger. In the shelf fungi which is found growing out from the trunks of dead trees, the spores are formed inside of hollow tubes found on the lower surface of the shelf like growth. This growth also has numerous roots radiating through the body of the tree.

After the lecture, the class repaired to the physical lecture room where a detailed study of the fungi was made with the aid of the magic lantern. No examination will be held in the course this term, it occurring at the middle of next term after which Prof. Birge takes up the animal side. The class will meet again Wednesday, Jan. 9th, and the first lecture will be on mosses. A thirty minute written quizz will follow on the fungi. Class is requested to read articles, "Fungi" and "Plant Diseases" in Chambers Encyclopedia and "Rust" in Johnson's.

### LITERARY SOCIETIES.

#### LAUREA.

Roll Call responded to by quotations from U. W. professors.

U. W. Song—Society.

Paper—Growth of U. W.—Miss Spence.

U. W. Story (Original)—Miss Gale.

A Freshman's First Impressions of U. W.—Miss C. Spence.

Mendota Lake Waltzes—Miss Jones.

Recitation from One of U. W.'s Poets—Miss Shepherd.

U. W. Yell—Society.

CASTALIA.

Music—Miss Richardson.

Essay—Miss Jewett.

Recitation—Miss Thomas.

Society Paper—Editor-in-Chief—Miss Gunther, Assistants, Misses Edgren and Peters.

Reading—Miss Reel.

Impromptu Talks—Misses Reubhausen and Case.

Amusement—Miss McGilvra.

Music—

#### MATHEMATICAL CLUB.

Program for Saturday Afternoon.

"On the Classification of Triangles"

—Dr. E. B. Van Vleck.

"On Hamilton's Mathematical Discoveries"—Mr. P. E. Doudna.

#### ENGINEERS' ASSOCIATION.

Transmitting Power by Compressed Air—O. B. Zimmerman.

Iron Wire for Armature Winding—F. M. Conlee.

Declamation—C. McDonald.

Debate—Resolved that the Gas Engine is better adapted for generating from ten to fifty horse power than the Steam Engine.

Civil Periodicals—G. Hawley.

Electrical Periodicals—H. J. Thorkelson.

Mechanical Periodicals—G. W. Pope.

#### '98 ENGINEERS' CLUB.

Railroad Gazette—Gerlach.

Electrical World—Wheeler.

American Machinist—Seymore.

Electrical Industries—Newell.

Scientific American—Best.

Western Electrician—Kremers.

Scientific American Supplement—Smith.

Electrical Review—Jenne.

Railroad Review—Brownell.

#### ATHENA.

First Debate—Resolved that the A. P. A. is detrimental to the best interests of society.

Second Debate—Resolved that an educational qualification for voters should be instituted.

#### HESPERIA.

First Debate—Resolved that co-operation is the true solution of the labor problem.

Second Debate—Resolved that the term of the president of the United States should be lengthened to six years, and he shall be ineligible for re-election.

#### PHILOMATHIA.

First Debate—Resolved that Gen. Booth's plan is the best method for caring for the poor in large cities.

Second Debate—Resolved that U. S. was justified in declaring war in 1812.

#### FORUM.

First Debate—Resolved that capital punishment be abolished.

Second Debate—Resolved that the convict prison labor system be abolished.

#### COLUMBIAN.

First Debate—Is it desirable that the liberty of the press should remain enlarged?

Continued on Third Page.

**The Daily Cardinal.**PUBLISHED DAILY (SUNDAYS EXCEPTED)  
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E. S. HANSON, '97, Asst. Managing Editor.  
E. H. KRONSHAGE, '97, University Editor.

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L. A. Goddard, '98. F. B. Dorr, '97.  
A. Barton, '96. A. C. Shong, '98.  
W. H. Shephard, '96. Isaac Peterson, '96.  
F. V. CORNISH, '96, Business Manager.  
J. F. DOHERTY, '95, Asst-Business Manager.

## ATHLETIC DIRECTORY.

## Athletic Association.

President—T. U. Lyman, law, '95.  
Vice-President—J. C. Karel, '95.  
Secretary—Knox Kinney, '94.  
Treasurer—L. M. Hanks, '89.Dept. Manager. Captain.  
Foot-ball—L. W. Myers, T. U. Lyman  
Base-ball—L. W. Myers, F. E. Dillon  
Aquatic Sports—C. C. Case, Oscar Roehn  
Tennis—A. Carhart  
Field and Track—M. J. Gillen, H. B. Copeland  
Boathouse Company.President—J. B. Kerr.  
Secretary—S. H. Cady.Any failure to receive the Daily Cardinal  
promptly should be reported to the  
Business Manager.

## ATHLETIC REFORM.

Yesterday's papers contain the announcement of a meeting of college presidents to be held Jan. 11th for the purposes of considering reforms in football and the elimination of professionalism from western collegiate athletics. With all respect for the motives of the eminent men who will gather at Chicago on that date it does not seem that the solution of these questions lies with them. While no one doubts President Adams' earnest desire for clean athletics or his ability to discuss football reform in a practical manner, it seems that reform must come spontaneously from the desire for improvement on the part of those who will be most affected by it—viz., the students, athletic or otherwise. The only way to secure lasting and effective reform is by that student organization which represents athletics—the athletic association—to take the matter up. In all the colleges of the country where any athletic reform of value has been affected it has been done by the athletic association composed of the students. There are colleges in the west where rules of eligibility to athletic teams have been put in force but they are a farce, so far as meeting the evil is concerned—for in all cases they have been carefully framed so as to admit of any and all of the possible evils of professionalism and "inducements" which they are supposed to correct.

The Harvard rules, which are in the main the same as those of Yale and Pennsylvania are printed in another part of tonight's Cardinal. Such rules will successfully meet the question of purifying western collegiate athletics, if enforced—and if once adopted they would certainly be enforced. With athletics in the west still in a formative state it would be too much to expect any one institution to pass such

rules, as it would call for a greater sacrifice than any college could afford to make. But with co-operation by the more important universities—say Michigan, Minnesota, Chicago, Wisconsin, Illinois and Purdue, with any others which might have enough desire for pure athletics to come in, the aim could be achieved. This would require sacrifices by all and would be hard at first but it is the way and the only way. Wisconsin would suffer probably as much at first as any of those mentioned—in her case it would be the rule requiring a year's residence to professional students before permitting them to become members of 'Varsity teams. This would be hard for institutions like the first four mentioned, all of which have a large number of professional and post-graduate students who are bona fide amateurs in athletics and who would enjoy membership on 'Varsity teams but it will soon be so that a man cannot make a team in his first year except in occasional cases and he will be all the better for a year's work on class or scrub team. The rules are severe but the question is a momentous one which must be settled and settled soon. It is doubtful if it is necessary or even advisable to make the time limit four years. As has been said before, athletics in the west are still in a formative state and the number of really good men is few, though increasing rapidly. If they are bona fide students it is not necessary that men should be prohibited from playing a fifth year providing of course that they conform to the other rules. In a year or so the limit could be dropped to four, as was done last year in the east. Also the situation in the west is hardly such as to demand the clause relating to class teams in Rule 2. A man who can do no better than to make a class team hereabouts is hardly likely to be much sought after or even heard of.

To students who have given this matter no thought these rules will seem unduly severe but nothing short of them will accomplish any good. Will Wisconsin take the initiation in this matter? Such an action will be the strongest possible refutation of the unfair insinuations which have been set afloat by rivals who cannot accept a defeat in sportsmanlike fashion, viz., that the Wisconsin teams have been tinged with professionalism. If the scheme is to succeed all thought of past unpleasantnesses with rival institutions must be laid aside and all must work enthusiastically in the cause. Tomorrow is the Athletic association meeting and then will be the time to have this matter discussed. There is nothing in this to conflict with the project of the college presidents. On the contrary it would be directly in the line of their proposed ideas and if adopted would be the successful solution of the question and as it seems now, about the only one.

## HARVARD ATHLETIC RULES.

## Rule I. Amateur Athletes.

No student shall be allowed to represent Harvard University in any public athletic contest, either individually or as a member of any team who either before or since entering the University shall have engaged for money in any athletic competition whether for a stake or prize money or a share in the entrance fees or admission money or who shall have taught or engaged in any athletic exercise as a means of livelihood, or who shall at any time have received for taking part in any athletic sport or competition any pecuniary gain or emolument whatever, direct or indirect, with the single exception that he may have received from the college organization or any permanent amateur association of which he was at the time a member the amount by which the expense necessarily incurred by him in representing his organization in athletic contests exceed his ordinary expenses.

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## LITERARY SOCIETIES.

Continued from First Page.  
tirely unrestricted?Second Debate—Postponed to next  
term.

E. G. RYAN.

First Debate—Resolved that the usury  
laws of the State of Wisconsin  
should be repealed.Second Debate—Resolved that the  
president of the U. S. should be  
elected for a term of eight years.U. W. ENGINEERS' CLUB.  
Scientific American—F. J. Short.  
Scientific American Supplement—  
F. W. Nelson.Western Electrician—E. Schildhauer.  
American Machinist—J. E. Dutcher.  
Electrical Review—W. B. Voth.  
Power—O. T. Lademan.  
Election of officers

## DEPARTMENT OF GREEK.

Courses to Be Given in the Second and  
Required.

Third Term.

1. Elementary Course. Whites Beginner's Greek Book; Anabasis, Iliad; Collar and Daniel's Greek Composition. M., T., W., Th., F. at 12.

Second Term, Assistant Professor Laird; Third term, Professor Smith.

II. Freshman Course. Odyssey Episode of the Phaeacians; Apology and Crito; weekly exercises in Greek prose composition. M., T., Th., F., at 10.

Second Term, Assistant Professor Laird; third term, Professor Kerr.

III. Sophomore Course. Demosthenes, Philippies; Euripides, Alastis and Medea; weekly exercises in Greek composition. M., T., Th., F. at 10.

Second Term, Professor Kerr; third term, Assistant Professor Laird.

ELECTIVE.

IV. Sight Reading. A dialogue of Plato or a play of Euripides (open to juniors and seniors) Friday at 12. Professor Smith.

V. Selections from Plato's Dialogues. T., Th., at 11, Professor Kerr.

VI. Agamemnon, with discussion of the Greek theatre; Frogs; Theocritus. M., W., F. at 11. Second term, Professor Smith; third term, Assistant Professor Laird.

VII. Lectures on Greek Life, illustrated with lantern slides. Twice a week, Professor Smith.

This course is a continuation of that on Roman Archaeology and Private Life, and will begin in February. A knowledge of Greek is not required, and one lecture each week may be attended by others besides those taking the course.

VIII. Greek Grammar. History of the Sounds and Inflections of the Greek language. Twice a week. Assistant Professor Laird.

IX. Greek Seminary. Discussion and interpretation of selected passages of Thucydides (open to graduates only). M. 7 to 8:30 p. m. Professor Smith.

X. Sanskrit. Perry's Sanskrit Primer, Lanman's Reader. M. W. at 10. Assistant Professor Laird.

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Rule II. Bona fide students.

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contest either individually or as a  
member of any team unless he is  
and intends to be throughout the college  
year, a bona-fide member of the  
university, taking a full years work.A student who is dropped into a  
lower class for neglect of his studies  
shall be debarred from taking part in  
any intercollegiate contest until the  
end of the next academic year or  
until permitted by the faculty to rejoin  
his class.No one hereafter entering the university  
who is not a freshman in college or scientific  
school and no freshman in either of these classes  
who has ever played in any other college or  
class-team shall play upon a Harvard  
team until he has resided a full year  
in the university, and passed the annual  
examinations on a full years work.

Rule III. Time limit.

No student whether he has represented  
one or more colleges shall take part in  
intercollegiate contests for more  
than four years and this period shall  
begin in the year in which as a player  
on a university team he first represented  
any college. In reckoning the  
four years the year of probation in  
Rule II. shall be excluded and also  
any year lost to a student by illness.But these rules shall not during the  
calender year of 1893 disqualify any  
one who was eligible under pre-existing  
rules.

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## OFFICIAL NOTICES.

DECEMBER 13, 1894.

## TEXT-BOOK IN CHEMISTRY.

The text-book to be used in the elementary class in chemistry during the winter term is the Qualitative Analysis of Arthur A. Noyes. Published in Boston.

H. W. Hillyer.

## COLLEGE OF ENGINEERING.

## TIME TABLE OF EXAMINATIONS.

Tuesday.

8-10 Descriptive Geometry, (Civil and Mechanical Engineers) Room 22; Masonry Construction (Str. E. 2a) room 21.

10:30-12:30 Descriptive Geometry, (Electrical Engineers) Room 22; Electrical Testing (E. E. 3) Room 9.

2-4 Constructive Materials (M. D. 3) Room 22; Mechanics of Fluids (Mech. 1c) Room 21.

Wednesday.

8-10 Mechanics of Materials (Mech. 1b) Room 22.

2-4 Tunneling and Substructures (R. E. 5) Room 21; Steam Engineering (S. E. 3) Room 22.

8-10 Water Supply and Sanitary Engineering (H. & S. E. 1a) Room 21.

Thursday.

10-1 Alternating Currents (E. E. 4) Room 22.

2-4 Location and Construction (R. E. 2) Room 21; Kinematics (M. D. 4) Room 22.

Friday.

8-10 Surveying (T. E. 2) Room 9; Bridge Design (Str. Eng. 5b, 6) Room 21.

10:30-12:30 Dynamos (E. E. 1) Room 22.

## MATHEMATICAL CONDITIONS.

Students in the college of Letters and Science who have incurred conditions in mathematics may take examinations to remove those conditions at any of the following periods:

Tuesday 10:30-12:30.

Tuesday 2-4.

Wednesday 8-10.

Wednesday 10:30-12:30.

Thursday 10:30-12:30.

Thursday 2-4.

All students whom this notice concerns will report at room 7, University Hall.

C. A. Van Velzer.

MUSICAL CLUB:—There will be a meeting of the Musical clubs at the Chi Psi house Saturday at 10:30 a. m. It is important that every member should be present.

—There will be a reception at the president's house, for the students of the university next Saturday evening from eight to ten o'clock.

Locals under this head 1c. a word

—See those Wisconsin pennant pins at Van Cott's.

—Gymnasium souvenir spoons at Cook's, North Pinckney.

—How's this? Blue books at one cent a piece at the Co-op.

—The College Book Store has a handsome display of calendars this year.

—S. A. Billig, Chicago importing tailor, will be at the Van Etta again next Saturday. It may pay you to see him.

—Joe Dunkel repairs the students' shoes at 622 University Ave.

Students will find at Moseley's book store, 19 Pinckney street, a fine collection of books in standard and current literature, albums, pictures, and an almost endless variety of fancy goods, at very reasonable prices. Parties wishing to carry some memento to friends at home can't fail to find here something to their liking.

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## A. C. NIELSON,

## PHOTOGRAPHER.

23 South Pinckney St., Madison, Wis.

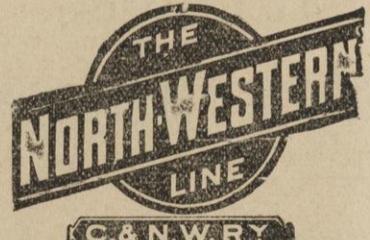
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