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# The Daily Cardinal.

UNIVERSITY OF WISCONSIN.

VOL. IV—No. 162.]

MADISON, WIS., THURSDAY, MAY 2, 1895.

[PRICE THREE CENTS.]

## ON TENNIS COURTS

COURT REPAIRED AND PLAYING  
HAS BEGUN.

LOCAL TOURNAMENT WILL BE  
MAY 14.

Tournament with Beloit May 18.

The tennis courts, after considerable delay, have at last been put in some sort of shape for playing. On account of the lack of rain it was found very difficult to do anything with the courts. Now that playing can begin the players will probably make up for lost time. The management has decided to place the fee for the use of the courts at one dollar. This is remarkably low considering the length of the playing season and the tournaments to be played. Tickets for the use of the courts can be obtained of J. B. Sanborn or H. J. Noyes. These courts are situated on University avenue, just south of University hall. All of the courts will not be available for playing at present but work will be started on those which are not in use and they will be in shape in a short time. The courts to the west, the best of the six, can be used now but the east courts will probably be in almost as good condition as the others after a little grading. Arrangements will be made to have the courts marked out and the nets put up every morning that there need be no delay when beginning to play.

The local tournament for the championship of the university in singles and doubles will probably begin May 14. It has been placed that early on account of the tournament with Beloit which will be held here Saturday, May 18. In the championship singles W. W. Allen, law '96, will be required to defend his title as champion of the university. The championship in doubles will go to the winners of the tournament as Mr. McMynn, one of last year's team, is not in college. Beloit's representatives will come up here and play the 18th, and the Wisconsin team will go to Beloit the next Saturday, May 25th. Arrangements are being made for a Western Intercollegiate association with a tournament at Chicago about June 1. This will be a continuation on a larger scale of the tournament of last year in which Wisconsin, Lake Forest, Northwestern and Chicago competed; the championship being won by Chicago with Wisconsin second. But the association will be more inclusive this year as it is expected that nearly all of the western universities will send representatives. In this way it will be truly representative of the west and the winner can claim the title of "western intercollegiate champion." Last year's champion, C. B. Neel, of the University of Chicago, is still in college and will probably represent his university.

What tennis at Wisconsin needs is more enthusiasm on the part of the players. If every man who can play will come out and practise hard it will

mean that the winner of the tournament will have to play hard to win. Practice is what counts in tennis as in anything else and the more intense the competition the more intense will be the practice and the better the playing.

### PROGRAMME.

For the Grand Concert Tomorrow Evening.

Overture—"Academic Festival"—Brahms.  
Largo, from Symphony—"From the New World"—Dvorak.  
Part Songs, a.—"There is Dew for the Flow'et"—Eaton Fanning. b. "The Merry World is Free"—Pinsuti.  
Madison Choral Union.  
Wedding March with Variations—Goldmark.  
By Babylon's Wave—Gounod.  
Madison Choral Union.  
Intermission.  
Suite—"L'Arlesienne"—Bizet.  
Prelude. "Minuetto." "Adagietto." "Carillon."  
Ride of the Valkyries—"Walkure"—Wagner.  
"Voices of the Forest," "Siegfried"—Wagner.  
Theme and Variations, Op. 55—Tschaiakowsky.  
Finale, Op. 55.—Tschaiakowsky.  
Violin Obligato, Mr. Max Bendix.

### WHERE THE STARS WILL BE.

Interesting astronomical data for May are furnished by the Washburn observatory. Mercury passes superior conjunction May 4 and will be favorably situated at the end of the month for visibility as an evening star. Venus is evening star and is still increasing its apparent distance from the sun. May 18 Venus overtakes Jupiter, passing within about 2 degrees of the latter planet. Mars is also in the western sky in the evening, somewhat higher than Venus and Jupiter. Saturn is in the southeastern sky and crosses the meridian late in the evening.

The times of sunrise and sunset for the month are:

Sunrise—May 1, 4:51 a. m.; May 11, 4:39 a. m.; May 21, 4:28 a. m.; May 31, 4:22 a. m.; sunset—May 1, 6:58 p. m.; May 11, 7:10 p. m.; May 21, 7:20 p. m. May 31, 7:29 p. m.

The times of the moon's phases are: First quarter, May 1, at 9:44 p. m.; full moon, May 8, at 5:59 p. m.; third quarter, May 16, at 11:44 a. m.; new moon, May 24, at 6:46 a. m.; first quarter, May 31, at 2:48 a. m.

The principal fixed stars visible during the month in the evening hours are: To the west, Capella, Castor and Pollux, Procyon and Regulus; to the east, Spica, Arcturus and the Northern Crown.

### BASEBALL.

The University of Chicago defeated Lake Forest yesterday, 10 to 4. Northwestern won from Rush Medical by a score of 11 to 7.

—Leland Stanford University boys are making arrangements to spare their throats in coming games. They are subscribing \$500 for a steam horn, to be used at all games.

### PICTURES AND STORY.

Miss Gale and Mr. Hager Entertain the Press Club—A Banquet.

The University Press club held a very interesting and largely attended meeting in North hall last evening. A pleasing program had been arranged and all enjoyed a pleasant evening. Some matters of considerable importance were discussed and portions of the constitution amended.

Mr. Hager read a paper on Illustration in Newspapers which was well received. It was well written and clearly set forth the principles of this interesting division of journalism. Illustrating in this way requires considerable talent as very little time is given the illustrator in which to perfect his sketch so that speed and accuracy are the prime requisites of successful newspaper illustration. The illustrators of journals of course do not occupy as prominent a place as those of our great monthly magazines, but positions on daily papers are up to the work on monthlies.

Miss Zona Gale read a very interesting original story which held the attention of the audience. The story was written in Miss Gale's characteristic style so well known to all and was very pleasing.

A committee consisting of J. B. Sanborn, W. T. Arndt and F. E. Bump was appointed to make arrangements for a banquet to be held in the near future.

It was decided to invite Mr. Amos P. Wilder of the State Journal to address the club at its next meeting, which will be held two weeks from last evening.

### NORTHERN ORATORICAL CONTEST.

Tomorrow Night—The Inter-state Contest.

E. J. Henning, president of the Northern Oratorical league, left this morning for Iowa City, where the contest of the league will be held tomorrow night. A business meeting of the league will be held in the afternoon, at which officers for the year will be elected. According to the rotation of offices, Wisconsin will have the third vice presidency. In the evening, after contest, the Iowa association will give a banquet to the orators and delegates. Mr. Schmidt will respond to a toast.

This evening at Galesburg, Ill., the interstate contest will be held. C. W. Woods, of Beloit College, represents this state. A proposition has been made to the effect that the winners of the two contests compete in Chicago Saturday night. This will probably not be agreed to by the Northern league, as the orator could not do himself justice speaking two nights in succession and traveling from Iowa City to Chicago during the day. Besides the winner of the Northern contest would have everything to lose and nothing to gain in such a contest. The winning of the contest at Iowa City will be more honor than the winning of the one at Galesburg.

—Subscription is being taken for a women's gymnasium at the University of Michigan. The cornerstone may be laid at a commencement time.

### LECTURE ON ZOOLOGY.

Prof. Birge yesterday took up the Heart as the subject of his lecture in zoology. The heart is an enlargement and specialization of a blood vessel brought about by evolution. In the lower animals the contractibility of the body causes circulation. The heart takes in blood from behind from the body cavity and discharges it to the front and into the body cavity again. In the earthworm we find no heart but a dorsal vessel carrying the blood. The crustacea mark an advance, the crayfish having a bulb near its back which serves as a heart. Muscles laterally attached expand the crayfish heart after its contraction.

When we come to the mollusks (snails, clams, etc.) we find much the same except a stronger heart in comparison to the softness of the body. In some of them the heart discharges the blood into the body, which lets it into the gills and from thence it passes into the heart again. The complexity of the circulatory system increases only with the animal's needs.

In vertebrates we always find the heart on the ventral side. The order of circulation is also reversed, the blood passing from the heart into the gills (respiratory organs) and thence into the body. The original shape of the heart is simply that of a "kink" in the ventral tube that extends along the length of the animal. This twist resembles the letter S in shape, the lower loop forming the ventricle, and the upper the auricle in the process of growth. A two chambered heart is thus formed, later followed by a four chambered one, the partitioning of the heart being due to the development of the lungs. With the disappearance of the gills, all the blood is not pumped into the lungs, some going into the body thus requiring further specialization. The auricle is formed at the anterior side, or in front of the ventricle by a process of twisting.

The great aorta, from the left ventricle, goes to the dorsal side in man and is the last remnant of the gill arches as seen in fishes. Why is the heart put in in such an unmechanical way? It is owing to historical reasons, the old machinery being remodeled and no new apparatus created for the new conditions, a method noticeable in nature.

### LOCAL AND PERSONAL.

—A. B. Schuette, '95, is about once more after quite a protracted illness.

—All of Prof. Knowlton's freshman classes in rhetoric are busy writing criticisms of the Badger.

—Prof. Elsom yesterday took his entire freshman class in gymnastics out for a cross country run.

—The '97 Badger board meets tonight in Ladies' hall. Let all members of the board be present.

—The Poynton boarding club has organized a baseball team. F. C. Roberts, '95, will officiate as captain.

—Mrs. Upham will give a Bible reading to students next Sunday afternoon under the auspices of the Y. M. C. A. in the law building to which all are cordially invited.

—Prof. Hillyer has changed the course in organic chemistry somewhat, giving lectures Tuesdays and Thursdays at 3:00, besides the regular lectures on Mondays, Wednesdays and Fridays at 2:00.



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THE CARDINAL cordially solicits contributions from all members of the University. All communications must be accompanied by the name and address of the writer and must be received at our office not later than 8:30 p. m. of the day before they are intended to appear. Address all matter intended for publication to the editor-in-chief. All business communications should be sent to the business manager.

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Madison, Wis.  
Room 7, Democrat Building.

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Let every member of the Y. M. and Y. W. C. A. remember that tonight is the night for the election of the general secretary for the next two years in consequence of the resignation of Mr. Boffel, and be present at 7:15 p. m.

Regular attendance is what counts in a debating society. One of the principal benefits comes from the actual practice in speaking, by which the debater is enabled to express his ideas clearly and in a pleasing manner. The practice of cutting lately prevalent should therefore not be continued.

Neither the Woman's League nor any other association of ladies has as yet come forward to accept the proposition which we made some time ago and publish the Daily Cardinal for one day. The proposition is still open, and we would like to see the matter taken in hand by some of the ladies of the university.

Sophomore orations are now being prepared by the members of '97 who are interested in debating society work. There should be an additional interest in this work this year on account of the new provision which admits students from all classes, except the freshman class, to compete for a place in the intercollegiate contest.

—Harvard, owing to past failures to secure an appropriation for the infirmary, is considering plans for a co-operative one; each student desiring the care of such an institution in case of sickness to pay an annual assessment.

## UNIVERSITY OF CHICAGO'S UNIVERSITY PRESS.

Unique as the University of Chicago is in many ways, there is perhaps no feature more original in conception and more ambitious in execution than its University Press. There are, it is true, many university presses, but none of these have so organic a connection with the university proper, or are developed upon the same lines.

The Johns Hopkins University Press was the first university press organized in this country, and it still leads in bulk and importance of publications. Its printing is done by contract with firms outside of the university. Columbia's publications are in the hands of Macmillan's. The Quarterly Journal of Economics and Harvard's other publications are issued for and not by that university.

Here at Chicago, the university assumes the responsibility for the management, the distribution and the printing of its six journals, its books and pamphlets, and its other publications. The composing is done upon the campus. For a university, the output must already be considered very large. The grand theory upon which the University of Chicago is based is the investigation and propagation of truth—a propagation which makes full use of every available agency, including not alone the classroom desk, but also the university extension platform and the printing press.

Another unique feature of the press is its function as the purchasing agency for the whole university. The buying, instead of being distributed among the different divisions—the libraries, the museums and the departments—is centered entirely in the University Press.

The University of Chicago Press is still an experiment. Its success or failure lies with the future. It may, and probably will, be necessary to modify the present system in some respects. But the experiment is being tested in no half-hearted fashion, but upon a magnificent scale. There have, indeed, been complaints. The machine is still new, and does not yet run altogether smoothly. The force of employees is too small, and the accommodations inadequate to handle satisfactorily the enormous work of the department. But when the University of Chicago Press is housed, like the Clarendon Press, in its own magnificent building, with its large force of employees fully organized, and its vast work completely systemized, it will then be known far and wide as one of the great institutions of the world."—U. of C. Weekly.

## UNIVERSITY CALENDAR.

Thursday, May 2.

Y. M. and Y. W. C. A. business meeting, law building, 7:15.  
Y. M. C. A. meeting, law building, 6:45.

Friday, May 3.

Freshman class meeting, Main hall, 2 p. m.  
Concert at gymnasium, 8 p. m.  
Cycling club, gymnasium, 1:45 p. m.

Saturday, May 4.

Junior class meeting, university hall, 11 a. m.  
Orchestra, library hall, 1:30 a. m.  
Ball game with U. of C., Randall Field, 3 p. m.

Sunday, May 5.

Christian associations, law building, 3:30 p. m.

## FRESHMAN MEETING.

The class of '98 will hold a meeting tomorrow afternoon at 2 o'clock in room 4, University hall. A full attendance is requested. Important business will be considered.

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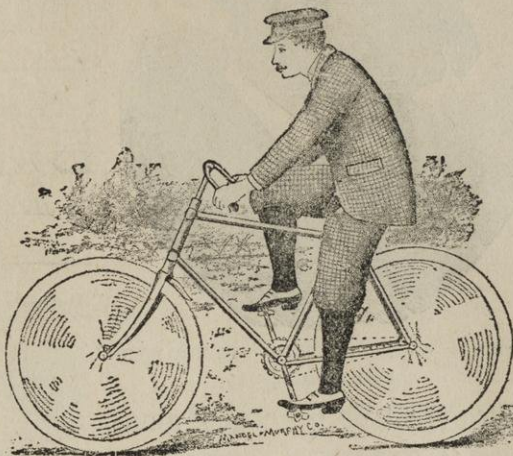
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### REFERENCES.

On Methods of Teaching and Studying  
History.

Adams, C. K.—"Manual of Historical  
Literature," Introduction.

Adams, C. K.—"Recent Historical  
Work in the Colleges and Universities  
of Europe and America," in Papers of  
the American Historical association,  
1890.

Adams, H. B., editor.—"The Study of  
History in American Colleges and Uni-  
versities," U. S. Bureau of Education,  
Circular of Information, No. 2, 1887.

Allen, W. F.—"History Topics for  
the Use of High Schools, and Col-  
leges," Introduction.

Atkinson—"History and the Study of  
History."

Barnes—"General History in High  
Schools," in The Academy, IV., 285.

Burgess—"Method of Teaching Col-  
lege Preparatory History," in The  
Academy, III., 293.

Davidson—"Reference History of the  
United States, pp. iii—xii.

Diesterweg—"Instruction in History."  
Also in "Hall's Methods of Teaching  
History."

Education, I., II., 410; III., 136; VI.,  
19, 23, 86, 588; VII., 447, 470; VIII.,  
351, 547, 663; IX., 35, 109, 134, 346; X.,  
159; XI., 23, 106, 220.

Fisher—"Universal History," in Edu-  
cation, VI., 588.

Foster—"The Seminary Method."

Frederick—"Papers on the Study of  
History in England, Scotland, France,  
Germany, Belgium, and Holland,"  
Johns Hopkins University Studies,  
vols. V. and VIII.

Freeman—"Methods of Historical  
Study."

Gordy and Twitchell—"Pathfinder in  
American History."

Hall, editor.—"Methods of Teaching  
History." (A valuable collection of es-  
says, by various college professors.  
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weg's Instruction in History.)

Hinsdale—"How to Study and Teach  
History." (A useful work; contains

extensive bibliographies; devotes par-  
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Hart—"History in High and Preparatory  
Schools," in The Academy, II.,  
256, 306.

Hart—"Suggestions on the Study of  
United States History and Govern-  
ment.

Howell—"History in Its Relation to  
Practical Life," in Education I.

Hughes—"Topical Teaching of His-  
tory," in Education, II., 410.

Hudson—"History and Political Sci-  
ence," in The Academy, III., 120.

Judson—"Teaching History in Sec-  
ondary Schools," in Education, VI., 19.

Klem—"European Schools, II. and  
III.

Mowry—"The Teacher's Independent  
Study of History," in Education, IX.,  
134.

Porter—"The Study of History," in  
Education, III., 136.

Porter—"Teaching History," in Edu-  
cation, VI., 23.

Report of the Committee on Second-  
ary School Studies, U. S. Bureau of  
Education, No. 205, Washington, 1893,  
pp. 162—201. (This is indispensable.)

Rollins—"American History in Pre-  
paratory Schools," in The Academy I.,  
133.

Salmon—"Teaching of History in  
Academies and Colleges," in The Aca-  
demy, V., 310; VI., 238. Reprinted in  
Brackett's "Woman and the Higher  
Education."

Seeley—"The Teaching of Politics."

In his Roman Imperialism.

Sheldon-Barnes—"Teacher's Manual  
to Studies in American History."

Spencer—"What Knowledge is of  
Most Worth," in Education, I.

Wallace—"The Study of History  
through Biography," in Education, IX.,  
346.

White, A. D.—"European Schools of  
History and Politics," in the Johns  
Hopkins University Studies, vol. V.

Wilson, Woodrow—"University Train-  
ing and Citizenship," in the Forum,  
Sept. 1894.

Winterburn—"History Work in High  
Schools," in The Academy, VI., 148.

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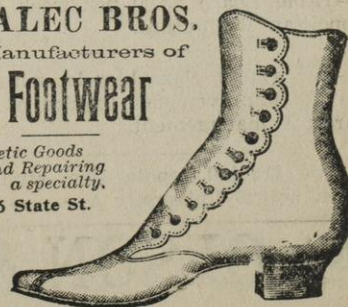
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**OFFICIAL NOTICES.**

THURSDAY, MAY 2, 1895.

**CHORAL UNION.**

The final rehearsal for the season of the Choral Union will be held on Thursday evening at 7:30 o'clock in the gymnasium. A full attendance of the members is requested.

F. A. Parker.

**UNIVERSITY BULLETIN.**

**JUNIOR CLASS:** The class of Ninety-six will meet Saturday, May 4, at 11 a. m., room 4, University hall.

**HISTORY TEACHING:**—The class will meet Fridays at 4:45 in the seminary room on the third floor of the law building.

F. J. Turner.  
C. H. Haskins.

**CYCLING CLUB.**

A meeting of the U. W. Cycling club will be held at the gymnasium next Friday at 1:45 p. m. Important business to be brought up.

O. B. Zimmerman, Pres.

**THE CHRISTIAN ASSOCIATIONS.**

There will be a meeting of the Y. M. and Y. W. C. A. May 2, at 7:15 p. m. in the senior law lecture room for the purpose of electing a general secretary for the coming year.

**PHILOMATHIA:**—There will be a special meeting of PHILOMATHIA tomorrow (Friday) at 6:30, for the purpose of electing semi-public men. Every member should be present.

E. R. Buckley.

**SALESMEN WANTED.**

Wanted:—Twenty-five first class scheme salesmen, to sell our complete line. The best, finest and most complete line in the United States. Brand new, commission and a guarantee. One salesman sold \$1,000 worth of our goods last week. Ask for name and address of purchasers. Address, naming first, second and third choice of territory, W. F. Main Co., Manufacturing Jewelers and Music Box Importers, Iowa City, Ia.

**STUDENTS.**

We keep constantly on hand a choice stock of confectionary, nuts, fruits, canned meats and fish, canned fruits, etc., suitable for camping and picnic parties. When ready for your summer outing, call on us.

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—Custom suits made to order for \$13.50 and up, pants \$3.75 and up, at 120 East Main street.

—A new Crams' Standard American Railway system atlas for sale at greatly reduced prices by the Cardinal management.

—A '95 Monarch bicycle for sale cheap, by the Cardinal management. Call at the office before ordering your wheel.

—Photographer's supplies at the Co-op.

—Table Board \$3.00 per week Cosmopolitan Restaurant.

—For a first class bicycle, with all the '95 improvements inquire of the Cardinal management.

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

**University of Wisconsin,**

ARMORY BUILDING.

Friday, May 3, at 8 o'clock.

**GRAND CONCERT**

—BY—

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**The Madison Choral Union,**

F. A. PARKER, Conductor.

Admission, 75c. Reserved Seats, \$1.00.

Tickets may be had at Moseley's book store or by addressing Mr. E. O. Kney, State Bank Madison, Wis.

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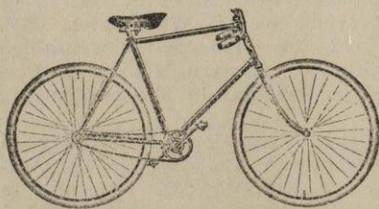
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