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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'ret"—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 Walkyries—"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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Let every member of the Y. M. and  
Y. W. C. A. remember that tonight is  
the night for the election of the gen-  
eral secretary for the next two years  
in consequence of the resignation of  
Mr. Beffel, 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 ac-  
tual 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 ac-  
count of the new provision which ad-  
mits 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 in-  
firmity, is considering plans for a  
co-operative one; each student desiring  
the care of such an institution in case  
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upon a magnificent scale. There have,  
indeed, been complaints. The machine  
is still new, and does not yet run al-  
together smoothly. The force of em-  
ployees is too small, and the accom-  
modations inadequate to handle satis-  
factorily the enormous work of the de-  
partment. But when the University of  
Chicago Press is housed, like the Clar-  
endon Press, in its own magnificent  
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ployees 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 meet-  
ing, 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 at-  
tendance is requested. Important  
business will be considered.

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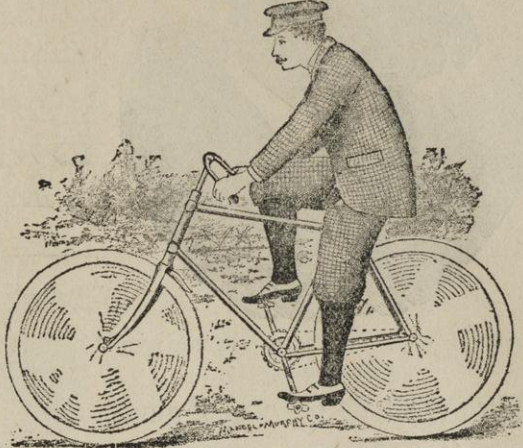
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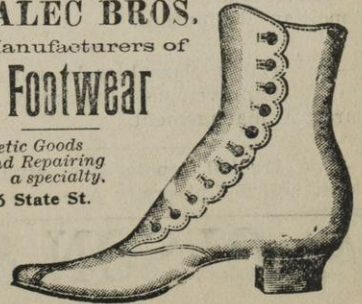
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**OFFICIAL NOTICES.**

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.

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—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—  
**THE CHICAGO ORCHESTRA**



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with the assistance of

**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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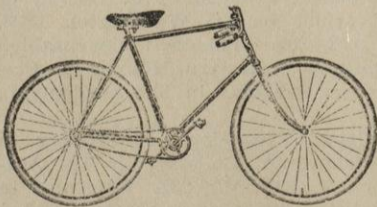
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