



# **The daily cardinal. Vol. IV, No. 44 November 1, 1894**

[Madison, Wisconsin]: [s.n.], November 1, 1894

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# The Daily Cardinal.

UNIVERSITY OF WISCONSIN.

VOL. IV.—No 44]

MADISON, WIS., THURSDAY, NOVEMBER 1, 1894.

[PRICE THREE CENTS.

## WHAT THE DIRECTORY TELLS

### INTERESTING COMPARISONS AND DEDUCTIONS.

### INCREASE AS GREAT AS ANY AMERICAN COLLEGE.

Students from Many States—And from All Parts of Wisconsin.

A study of the new directory and a comparison with that of last year brings out some very interesting facts. It should be remembered, however, that the directory was not published until about a month later than this last year and there is of course a chance for a small gain in that line.

The total enrollment this year is 1,196 or a clear gain over the directory enrollment last year of 168. This increase is larger even than that of Harvard this year and will probably compare well with that of any American institution.

The enrollment by colleges and classes is as follows, the comparison being with last year's directory:

	'93-4	'94-5	Gain or Loss
Fellows	10	12	2
Graduates	38	31	-7
Seniors	138	151	23
Juniors	164	178	14
Sophomores	182	216	34
Freshmen	288	365	77
Col. of Pharmacy	27	38	11
Col. of Law	161	206	45

In the above list adult special students are included in the classes with which they rank.

There has been an increase of ten in the faculty and thus almost the same ratio of students and instructors has been kept as last year.

	'93-4	'94-5	Gain
Professors	59	66	6
Instructors and Library Assistants	31	34	4

The following table shows the popularity of the several courses. It is significant that next to the popular civic-historical course two of the engineering courses show the greatest gain. Again this year the large and steady increase in special students is noticeable.

	'93-4	'94-5	Gain or Loss
Ancient Classical	55	52	-3
Modern Classical	138	154	16
English	118	118	0
Civic Historic	150	190	40
General Science	126	121	-5
Civil Engineering	52	49	-3
Electrical Engineering	83	102	19
Mechanical Engineering	43	66	20
Agricultural	3	2	-1
Special	242	276	34

Th registration from outside the state is about the same as last year and as usual is kept low by students from other states adopting Wisconsin as their home in order to avoid the extra fees.

Illinois

Iowa	19
Minnesota	8
South Dakota	7
Nebraska	6
Michigan	6
California	4
Ohio	3
Kansas	2
Canada	2
Virginia, Montana, District of Columbia, New York, Missouri, Pennsylvania, West Virginia and Italy	one each.

The delegates from the different cities are as follows:

Madison	225
Milwaukee	131
Janesville	26
Oshkosh	25
Racine	24
Baraboo	20
La Crosse	17
Sparta	15
Chicago	13
Fond du Lac	12
Waukesha	11
Rockford	10
Dodgeville	10
Whitewater	10
Eau Claire	10

The most noticeable thing in the above list is the big increase of Milwaukee students, last year having only 98.

### OFFICIAL NOTICE.

I am informed by the engineers in charge of the new boiler house that in order to complete the steam connections it will be necessary to keep the fire extinguished during two consecutive days. In consequence of this necessity there will be no university exercises on Monday, November 5th.

All exercises on Saturday, November 3d, until one o'clock will be held as usual, and all work will be resumed Wednesday morning.

C. K. Adams, Pres.

November 1, 1894.

### UNCANNY HALLOWE'EN.

A merry party of young folks celebrated Hallowe'en at the home of Dr. and Miss Alice Beecroft, on Murray street, last evening. The usual games and pranks were indulged in until a late hour. Those present were:

Messrs. E. Sawyer, R. W. Sawyer, Chas. Frazier, A. Goddard, L. A. Goddard, W. W. Hughes, H. Colver, H. Deards, E. Humphrey, M. Gay, Dr. W. G. Beecroft, E. R. Buckley.

Misses Alice Beecroft, Lissa Brown, Eleanor Snyder, Tillie Snyder, Jennie Ritchie, Elizabeth Henwood, Avis Hughes, Fannie Walbridge, Miss Ashby, Miss Klusman, Alice Stephenson.

—Mr. and Mrs. Raphael Fassett entertained a few of their friends at a Hallowe'en party last evening. The time was delightfully spent in festivities customary to the evening. Dancing was also engaged in till a late hour. Among those present were Misses Bradley, Sherer, Thomas, Bertles, Slightam; Messrs. Rundell, Hilbert, Phelps, Lindsey, Rumsey, Dickinson and Richards.

—Prof. Freeman went to Milwaukee this afternoon to deliver a lecture in the university extension course under the auspices of the department of English in the East Side high school. The course is proving very popular; his subject tonight is Chaucer.

## CHAMPIONSHIP NOT DECIDED

### JUNIORS AND SOPHOMORES PLAY

#### A TIE GAME.

### SIX INNINGS OF VERY EXCITING PLAYING.

McCully's Brilliant Play Evens the Score—Which Was 5 to 5.

The juniors and sophomores played their third base ball game in the class series for the championship, each class having won one of the previous games. The game resulted in a tie, the score standing 5 to 5 after six innings of interesting playing. It was the most exciting game of the series, being close from beginning to end. Had it not been for a brilliant play by McCully at the last the sophomores would have been the winners.

The game started with the juniors at the bat. Runkle hit the first ball thrown for a safe single. Karel hit a fly to Manson who caught it; Hayden got his base on balls. Scott and Roberts fanned, leaving three men on bases. Then the sophomores came to bat. The first three men got their base on balls, and Hagerman and Fowle scored on Manson's single. Gregg was caught while trying to reach third. Butt struck out and Brewer was thrown out at first, and the first inning ended: Score, sophomores 2, juniors, 0.

In the second Thompson went out on first and Ruka struck out, but the next three men reached home, then Hayden was thrown out at first. The sophomores went out in one, two, three order.

In the third, McCully reached third but could get no further. Fowle scored for the sophomores, making the score 3 and 3. Gregg reached home but was sent back because Fowle interfered with the catcher in his attempt to put the runner out. In the fourth and fifth the juniors made a score in each. It seemed as if the game would have to end as soon as the sophomores played their half of the fifth and their chances for tying the score seemed small, but after two men had struck out and A. N. Fowle had already two strikes, he succeeded in hitting a safe single between first and second, bringing in the two men who were on bases. This tied the score. The excitement was intense and although it was growing dark fast another inning must be played to decide the game and the championships. The three leaders of the junior batters faced Perkin but he held them down to short hits and they were thrown out at first. For the sophomores Perkins was first to bat and made a safe single and advanced to second. Libby then struck out, Perkins went to third on Hagerman's single, who soon stole second. With Fowle to bat it seemed as if the sophomores were sure of another run. He made two unsuccessful attempts to hit it but the third sent a red hot liner to McCully who held it and touched second, thus putting Hagerman out making a double play

which retired the side and the game ended 5 to 5.

The following are the players and their positions:

'96.		'97.
Runkle	c	Gregg
Hayden	p	Perkins
Scott	ss	Butt
Erness	1 b	Libbey
McCully	2 b	Brewer
Karel	3 b	I. H. Fowle
Roberts	c f	Manson
Thompson	1 f	A. N. Fowle
Ruka	r f	Hagerman

The score by innings:

	1	2	3	4	5	6
Juniors	0	3	0	1	1	0—5
Sophomores	2	0	1	0	2	0—5
Wheelihan umpire.						

### POLITICAL POTPOURRI.

A fair sized audience turned out last night to hear B. J. Castle, law '90, speak on tariff issues. Mr. Castle spoke in the city hall under the auspices of the U. W. Republican club. In a long but eloquent and humorous address he spoke on every phase of the tariff question, presenting in strong terms the evils that he considered the state and national administrations had brought upon the people. They had proven themselves unfaithful to every trust and promise and unworthy to make the laws for either the state or nation. Friends of Mr. Castle are endeavoring to get a debate arranged between him and Attorney General O'Connor on state and tariff issues. They will probably succeed for Mr. O'Connor has issued a challenge to debate any representative republican speaker in the state. The debate, if arranged, will probably occur Saturday night or Monday night in the assembly chamber.

Hon. T. C. Richmond, ex-prohibition candidate for governor, speaks in behalf of the prohibition ticket tonight in the Assembly chamber under the auspices of the U. W. Prohibition club. Mr. Richmond is an orator of recognized ability and will undoubtedly handle the prohibition question in a masterly manner. The U. W. Prohibition club will have a short business meeting after Mr. Richmond's address. Business of importance will come up. The U. W. Band will furnish music.

Gen. John C. Black, ex-United States Commissioner of Pensions, will speak in the Assembly chamber tomorrow evening, Nov. 2d, on national issues. He was one of the ablest speakers in the last congress and a most satisfactory meeting is expected. All are invited to attend.

A grand democratic rally will be held in the Assembly chamber the night before election. Hon W. F. Vilas, United States senator, and Hon. J. M. Clancy, assistant attorney general, will be the speakers of the evening. Let every one come. The last chance will be the best.

—The U. W. Republican club will meet Friday night at 7 o'clock in the municipal court room to make arrangements for the Upham reception and other important business. All members are requested to be present promptly at 7 o'clock.

—Dr. Geo. A. Bacon, of Chicago, is visiting the university.



**The Daily Cardinal.**PUBLISHED DAILY (SUNDAYS EXCEPTED)  
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Room 7, Democrat Building.

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## ATHLETIC DIRECTORY.

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**Any failure to receive the Daily Cardinal promptly should be reported to the Business Manager.**

We wish to again urge that all students who are able to do so, should accompany the team to Beloit Saturday. The present indications are that a large crowd will go and all who have not already decided to do so should make up their minds to go along.

The Cornell Sun says that their game with Michigan Saturday, will be "a neat struggle between the west and the east." We have no objection to Cornell posing as a representative of the east but to have the great West represented by a team that can't play football any better than Michigan can, is too much. Michigan is not "a representative western college" and we beg our friends at Cornell not to judge of the western universities from such a sample as Michigan.

It is apparent that on some occasions mistakes may be made by our reporters in gathering notices. For some time we have maintained a rule that all articles of whatever nature submitted must have the name attached, unless we understand the exact source. Usually there is no chance for a misunderstanding, but in every case we can show a valid reason why items are misconstrued. Hence if the circumstances were entirely known, so many statements could not justly be made as reflections upon the inaccuracy of the news. When errors are made, no time is lost in correcting them.

Hallowe'en, with its pranks and jolly social gatherings has come and gone. The students are to be congratulated that no serious pranks can be

laid at their doors as has been so often the case in the past. The old-fashioned idea of Hallowe'en was that everyone should get out and turn everything upside down but this has now become the special duty of the school boy. College men turn themselves to more scientific enjoyments. While we don't want to ever lose sight of the good old-fashioned mystery and jollity of the Hallowe'en of our forefathers we are glad that nothing of a serious character occurred that can be laid to the university students.

## AMENDMENTS TO CONSTITUTION.

Students of the university who expect to vote this fall, either in Madison or in other cities of the state, will be interested to know what the proposed amendments to the constitution are all about. The first is to Section 1, Article X., which at present provides that the state superintendent shall receive no more than \$1,200 annual salary. It is proposed to change this section so that the legislature may give this official a greater salary if it deems it desirable. The second amendment proposed is to subdivision 9, of Section 31, Article IV., which at present provides that city, town and village charters shall follow uniform styles of grants. It is proposed to so amend this subdivision that cities may be granted special charters.

## GRAND CONCERT.

The following excellent program will be given tomorrow evening for the benefit of the Art-Loan exhibit in Christ Presbyterian church. Admission, 50 cents.

1. Funeral March of a Marionet, Gounod—Bach's Quartette.
2. Fantasia—"Norma"—Flue Solo, Feuerstenan—Mr. Carl Woempner.
3. Valse-Caprice—Violin Solo, A. Holtz—Mr. Alfred Holtz.
4. "Gondellied," Schmoelzer—Madison Maennerchor.
5. a. Canto Spianato, Paganini; b. Alla Marcia (for Violin alone), Gustave Bach; c. Polish Dance, Wieniawski—Violin Solo—Mr. Gustave Bach.
6. Two Songs: a. The Pine Tree, b. My Dear Love, Neidlinger—Mrs. Frank S. Bagg.
7. "Traumerel," Schuman—Bach's String Quartette.
8. "O Schoene Zeit," Goetz—Madison Maennerchor.
9. Fantasia for Violoncello, Servais—Mr. Hugo Bach.
10. a. "Erklarung," b. The Mill, Raff—Bach's String Quartette.

## FOOTBALL GAMES.

At New Haven: Yale, 42; N. Y. Volunteers, 0.  
At Philadelphia: Pennsylvania, 26; Lafayette, 0.  
At Williamstown: Williams, 12; Massachusetts Institute, 0.  
At Bethlehem: Lehigh, 24; North Carolina, 6.  
At Chicago: Chicago University, 26; Praries, 10.

## HARE AND HOUND RUN.

There will be another hare and hound run tomorrow afternoon. All wishing to enter the class should be at the gym at 3 o'clock sharp. The hounds will be led by Hopkins and it is probable that many more will go this time than did the last. The hares will lay a course out east of the city. The run will be about 3 or 4 miles long.

—A University of California club has been formed at Harvard.

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LECTURE ON BOTANY.

Prof. Barnes devoted his attention yesterday to the last of the green algae the chara. This plant is remarkable in showing what may be done in the way of differentiation. It grows in streams and lakes usually from two to four feet in height. The stem is slender and but little larger than a knitting needle near the top. At its base slender colorless cells are elongated and form roots, their only use being for anchorage. At regular intervals on the stem, are whorls of six or eight lateral members of regular length and resembling in all respects the stem. These may be spoken of as the leaves of the plant. Sometimes one of these grows abnormally long and forms a whorl upon itself.

The cross section of the stem of this plant reveals a large cylindrical central cell between the whorls whose periphery is surrounded by small cortical cells, and these are crusted on the outside by salts of lime. This form of column gives the greatest strength with the least economy. The central portion of the stem between the whorls is one long cell.

The apical cell or top of this plant is a curious study. It is a growing point. The cell is divided horizontally and the new upper cell thus created is pushed upwards. The lower new cell then subdivides and forms a new central cell with cortical cells around it. The two halves of the apical cell thus divided form alternately nodes (whorls of leaves) and long inter nodes.

The lateral members or leaves bear the reproductive organs off his plant. The organs containing the sperm and ovary are totally differentiated. The outer appearance of the sperm is a round ball fitted with a projectory cell from which the sperms issue. The inside mechanism is very complex. The ovary is an elongated cell borne on a leaf and surrounded by a protective coat, fitted with a narrow orifice at the top for the entrance of the sperm. After fertilization the cell walls thicken by the encasing of leaves from below that wrap around it and the egg falls to the bottom of the water to germinate after a time of rest.

At the close of the lecture a quiz was held on the reproductive processes of plants.

—Lehigh students have chosen a committee to present a practical scheme for self-government to the college and allow the latter to act upon it.

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SOCIETY PROGRAMS.

ATHENA:

First Debate—Resolved that the legislation of Pools of Railroads is to the best interests of society.

Second Debate—Resolved that secret societies are detrimental to the best interests of society.

LAUREA:

Music—Miss Corseott.  
Newspaper—Miss Richardson. Miss Wedbury and Miss C. Spence.

Debate—Resolved that Greece has contributed more than Rome to the civilization of the world.

Music—Miss Craig.  
Recitation—Miss Rosenstengel.

HESPERIA:

First Debate—Resolved that President Hayes was justly installed in his office.

Second Debate—Resolved that compulsory education law should be passed compelling the attendance of children between seven and fourteen years at such school where at least geography, grammar and history are taught in English.

PHILOMATHIA:

First Debate—Resolved that the government should own and operate the railroad.

Second Debate—Resolved that Henry George's system of taxation should be adopted in the United States.

**E. G. RYAN:**  
Debate—Resolved that a graduated tax is just and equitable.  
Paper—Simons.  
Music—Hein.

CASTALIA:

Roll call, responded to by quotations from O. W. Holmes.  
Music—Miss Green.

Paper—Miss Atwood.  
Debate—Resolved that the present jury system be retained.

Paper, "O. W. Holmes,"—Miss Pomroy.  
Farce—Miss Guile, Miss Everett and Miss McGregor.  
Music—Miss Cushing.

At the regular meeting of the Pharmaceutical society Friday evening, November 2, Dr. Edward Kremers will address the society on "The Apprentice System." The meeting takes place in the Pharmaceutical lecture room, North hall, at 7:30. All interested are cordially invited to attend.

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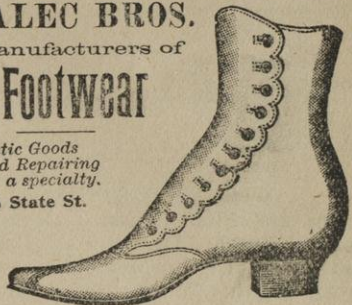
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## UNIVERSITY CALENDAR.

Friday, November 2.

Lecture on Roman literature, Prof. Hendrickson, Science hall, 4 p. m.  
Athenaeum and Hesperian societies, University hall, 7 p. m.  
Philomathian society, Science hall, 7 p. m.  
Laurean and Castalian societies, Ladies' hall, 7 p. m.  
Columbian, Forum, and E. G. Ryan societies, law building, 7 p. m.  
Engineers' association, Science hall, 7 p. m.  
U. W. Engineers' club, Science hall, 7 p. m.  
Engineers' (98) Reading club, Science hall, 3 p. m.

Saturday, November 3.

Football game with Beloit College, at Beloit.  
Mathematical club, Science hall, 2 p. m.

Sunday, November 4.

Students' Bible classes: Congregational church, Dr. Birge; Baptist church, Dr. Elsom; Methodist church, Prof. Smith; Presbyterian church, Prof. Williams, at 12 m.  
Y. W. and Y. M. C. A. meeting, law building, 3:30 p. m.

Monday, November 5.

Lecture in economics, Prof. Scott, law building, 4 p. m.  
Freshman gymnastics, gymnasium, 4 p. m.  
History and literature of Israel, Prof. Williams, North hall, 6:45 p. m.  
Choral Union rehearsal, Library hall, 7:30 p. m.

## SENIOR CANVASSERS.

The following members of the senior class will canvass their respective courses for subscriptions to make up for the deficit in the Badger board accounts: Modern Classical, Miss Hand and C. L. Warren; Ancient Classical, Miss Baker and W. L. Ball; Civic Historical, Miss Fulton and R. L. Holt; English, Miss Harris and J. A. Toomey; General Science, Miss Ellsworth and S. A. Carhart; Electrical Engineering, P. A. Bertrand; Civil Engineering, Karl Kummel; Mechanical Engineering, Mr. Golder. The collectors are requested to report to the class treasurer as soon as possible.

## EXCUSED FROM DRILL AND GYM.

The following named students have been excused from gymnasium work and military drill by the athletic council:

H. S. Ferguson, D. G. Swaty, E. G. Allen, O. Schafer, A. A. Radke, W. D. Van Deusen, Johannes Egger, D. J. Evans, J. R. Patterson, H. T. Frame, J. A. Sanborn, O. T. Waite.

The following person is excused from military drill from freshman year:

H. H. Thomas.  
Chas. S. Slichter, Sec.  
Oct. 30, 1894.

—The Yale Alumni Weekly is to be re-organized on a new basis.

CARDINAL REPORTERS: All Cardinal reporters and men trying for positions on the staff will meet at the office in University hall, Saturday at 12 m.

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