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# The Daily Cardinal.

UNIVERSITY OF WISCONSIN.

VOL. IV.—No 67]

MADISON, WIS., MONDAY, DECEMBER 3, 1894.

[PRICE THREE CENTS.

## FOOTBALL SEASON AT AN END

SECOND ELEVEN DEFEATS MILWAUKEE ATHLETICS.

TH SCORE WAS THIRTY TO NOTHING.

Harvard-Pennsylvania and Yale-Princeton Games—Minor Thanksgiving Games.

A team composed of five of the regular Varsity team and several of the second eleven went to Milwaukee and defeated the Milwaukee Athletic club by a score of 30 to 0. Karel and Alexander played with the Athletics. The game was played in a snowstorm and was very one-sided.

The Athletics kicked off and Richards made the first touchdown in a few minutes but failed to kick goal. On the kick-off Pyre gained fifteen yards and then after good gains by Montgomery and Richards, Cochems gained the second touchdown. Richards kicked goal. Score—Wisconsin 10, Milwaukee 0.

Montgomery made another touchdown before time was called and Richards kicked goal, making the score 16 to 0.

Only 20 minutes of the second half were played. Two minutes after the half began Perkins made a touchdown. Richards punted out but failed on the try for goal. Before the half ended Richards and Montgomery each made a touchdown from one of which a goal was kicked. The game ended with the score 30 to 0.

The teams lined up as follows:

Wisconsin.	Athletics.
Case	right end Steinel
Pyre	right tackle Bracken
Ryan	right guard Nielson
Comstock	center Paul
Bunge	left guard Blackburn
Deutcher	left tackle Carpenter
Major	left end Parsons
Perkins	quarter back Canner
Montgomery	r. half back Karel
Cochems	left half back Alexander
Richards	full back Mason
Touchdowns—Richards, 2; Perkins 1; Montgomery, 2.	

Goals from touchdowns—Richards, 3. Referr—Alvin Kletzsch. Umpire—Hunter.

YALE, 24; PRINCETON, 0.

Yale defeated Princeton Saturday in a one-side contest on the Manhaften field. The game was a great improvement on the Yale-Harvard game as far as roughness was concerned, few players being hurt.

MICHIGAN, 6; CHICAGO, 4.

Michigan and Chicago played practically an even game Thanksgiving day. Chicago secured one touchdown in the first half but failed to kick goal. Michigan made a touchdown and goal shortly before time was called on the second half. Villa, Michigan's left tackle, was hurt and replaced by

Yunt, Price, of Michigan, and Gale, of Chicago, were ruled off. Flint, Chicago's center, did not play, his place being taken by Wyant.

PENNSYLVANIA, 18; HARVARD, 4.

Pennsylvania outplayed Harvard and was victorious by a score of 18 to 4. Touchdowns by Wagonhurst, Osgood and Knipe and a safety by Hayes gave Harvard's solitary touchdown was made by Waters.

## OTHER GAMES.

At Ithaca: Cornell, 10; Lehigh, 6. (Unfinished.)

At Indianapolis: Purdue, 28; DePauw, 0.

At Cleveland: Adelbert, 24; Case, 0.

At Jacksonville: Jacksonville, 8; Normal, 6.

At Washington: Columbia Athletics, 20; Georgetown, 0.

At Chicago: C. A. A., 4; Dartmouth, 0.

At Kansas City: Kansas, 18; Missouri, 12.

At Omaha: Nebraska, 36; Iowa, 0.

At St. Louis Illinois, 10; Pastime A. A., 0.

At Providence: 16; Massachusetts Tech, 4.

At Richmond: Virginia, 34; North Carolina, 0.

At Nashville: Vanderbilt, 12; Seawee, 0.

At New Orleans: Mississippi, 8; Tulane, 2.

At South Bend: Albion, 22; Notre Dame, 12.

At Albany: Union, 32; Wesleyan, 6.

At Lexington: Kentucky, 38; Central, 10.

At Columbus: Ohio, 20; Kenyon, 4.

At Cincinnati: Ohio Wesleyan, 16; Cincinnati, 4.

At Dayton: Dennison, 14; Dayton, 6.

At Evansville: Crescent City, 26; Rose Polytechnic, 0.

At Des Moines: Des Moines Y. M. C. A., 6; Grinnell, 4.

At Fairfield: Parsons, 68; Burlington, 0.

At Sioux City: Sioux City, 46; South Dakota, 0.

At Savannah: Georgia, 22; Savannah A. A., 0.

At Galesburg: St. Albans, 0; Knox, 0.

At Springfield, O.: Wittenberg, 34; Oberlein, 4.

At Boston: Boston University, 28; Boston College, 0.

At San Francisco: Stanford, 6; California, 0.

—Mr. J. F. Bold, '94, visited in the city the last few days.

—Mr. T. K. Urdahl, '91, came down from Menomonie, Mich., to spend his holidays.

—The next regular meeting of the University Press club will be held Wednesday, Dec. 12.

—Profs. Barnes and Haskins report themselves as well pleased with the work at the High Schools which they visited last week.

—The Young Men's League of the Presbyterian church cordially invite all students to their social tomorrow evening. An interesting program has been provided.

—The Contemporary club meets next Wednesday evening in the Unitarian church. Miss Lottie Richmond will present a literary paper and Prof. Van Hise one on Early Life on our Planet.

## TRUE FUNGI TALKED ABOUT

PROF. BARNES LECTURED LAST WEDNESDAY.

FUNGI OF 35,000 SORTS, AND HOW THEY AFFECT US.

White Mold, Lilac Mildew, and Wheat Rust.

Prof. Barnes lectured on the true fungi last Wednesday. The great proportion are saprophytes and thus they are helpful to us. Few affect our health, yet they affect much that of domestic animals and plants. A few are useful in producing flavors, as in the Roquefort cheese in which the crumbly green spots are caused by the green mold.

There are already 35,000 different sorts of true fungi described. To begin with the common white mold; it often grows upon bread. It has innumerable roots ramifying through the bread and has perpendicular branches that terminate in black knobs.

If it grows on things not readily soluble it alters the solid particles in a sort of digestive way externally. The erect branches are the reproductive organs. The black ovoid ball is filled with minute spores which escape and float away when the cell walls crack in ripening. These spores are short-lived and die in a few moments unless they strike a growing ground. But it has another method of reproduction. Some branches separate themselves and by uniting at the top form from two cells one large thick-coated spore, that can rest over exigencies of frost or drought. This is a case of conjugation as in the algae.

The lilac mildew, another form of the true algae, grows on the upper and under sides of the lilac leaf. It consists of a multitude of criss-crossy threads resembling felt and is a parasite living on the outside of the host. It has disc-like bodies sending down minute roots and called houstoria. In the mildew we often find yellow spheres that later turn black. These are hollow sphere formed of cells containing three or four sacks that produce from four to eight spores apiece.

These bodies are produced by an egg and spermary apparatus and the casting is formed by branches growing from beneath the egg and enfolding it. Another method is the assexual in which spores are abjuncted singly one above another on the erect branches. These gradually drop off.

Another example is the wheat rust. This is an internal parasite. The red dust often seen on straw is the spores of this fungus. It is not confined to wheat alone but at different stages grows on different plants. It has ramifying branches running through the leaves of the plant and when the spores are ripe they burst the leaf and escape. The spores will also grow on the barberry leaf and produces a different plant often called cluster cups. The spores of these again will not grow on the barberry leaf but will on the wheat.

## THANKSGIVING WEDDING.

Miss Gertrude Eager Wedded at Evansville.

Mr. Lyle Humphrey and Miss Gertrude Eager, '96, were quietly married at the home of the bride in Evansville on Thanksgiving Day. The happy couple returned to Madison Saturday and are receiving the congratulations of friends. The groom is a native of Madison and was educated here, being employed in the office of Burr W. Jones, until his subsequent removal to Evansville, where he has since been engaged in business. Miss Eager is a member of the Kappa Alpha Theta fraternity and is quite prominent in musical work.

## BILDUNGSVEREIN.

President Adams has granted the Bildungsverein the use of the west room on the third floor of the law building. Henceforth it will meet in that room on Wednesdays at 7:30 p. m.

The first meeting this term will be held December 5th, and the following program will be rendered:

Inaugural Address—Pres. Kroencke. Declamation—Miss Sauthoff.

Essay—Mr. Jonas.

Reading—Mr. Heyn.

Since there is pressing business to be transacted after the program, it is hoped that all members attend.

All those desiring to join the society should present their names to members, and attend the meeting December 5th to be initiated. There is absolutely no bar to admission and no fee to be paid at any time.

—Will Mitchell, of Milwaukee, is visiting U. W. friends.

—O. E. Crooker, '96, spent his vacation with friends in Chicago.

—E. P. Worden, '92, was in town over Sunday, seeing old friends.

—Martin Warner, '95, received a visit from his father over Sunday.

—O. T. Waite and C. A. Libbey, '97, were at their home in Oshkosh during the vacation.

—Mr. L. B. Stiles, formerly with '96, visited with friends during the holidays. Mr. Stiles is now attending the Milwaukee Normal school and opens the debate between the Milwaukee and Whitewater Normals at the latter place next Friday evening. city the last few days.

Only two weeks remain before examinations and they should be two that will count for considerable to every student. It is natural when a long term is drawing to a close to let work slide to a great extent, even after a good record has been maintained for the early part of the term. This then is the time to make an effort and keep it up till the end of the term. wrong ideas of a student's work simply an idea of different work is simply because the last few weeks have been neglected. However unfair a criterion this is, experience has shown us that it is a common one. Working hard the last two weeks to make up for lost time is more commendable than a gradual falling off after work above the average for the first two months. Cutting the last days should also be discouraged as they are as important as any of the entire term, summarizing the whole and selecting the essential points to be remembered.

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Any failure to receive the Daily Cardinal  
promptly should be reported to the  
Business Manager.Some skaters ventured out upon  
University bay last Saturday, when to  
all appearances the ice was frail. We  
have heard of no new accidents as  
yet however.We trust the remaining weeks of  
the term or at least next term may  
lead to the planning for an interfraternal  
ternity whist tournament. These have  
proved very popular in past years, and  
this year ought to be no exception.The annual crusade against football  
has already started in the columns of  
the newspapers of the country. As  
far as college men are concerned these  
football articles have no effect but  
the persons who are not in college  
frequently imagine that the editors  
know what they are talking about  
and are competent to criticise the  
game of football. But most of the  
football editorials are written by men  
who don't know a tackle from a drop-  
kick and who write football editorials  
because it seems to be considered  
"the correct thing" to do so. Football  
has not yet been perfected and until  
it is football players will always be  
glad of suggestions for improvement  
but those suggestions to have any  
weight should be made by men who  
know what they are talking about.

## MICHIGAN'S ELEVEN.

We understand that Michigan con-  
siders a game with Wisconsin neces-  
sary to the completion of the football  
season. What reasons Michigan has  
for so thinking we do not know. A  
game between Michigan and Wis-  
consin would not be between the two

best western teams as Michigan is cer-  
tainly inferior to Minnesota and prob-  
ably to Purdue. A good victory over  
Chicago might have given Michigan  
the right to consider herself entitled  
to a game against Wisconsin, but a  
victory with the score 6-4, which is  
no victory at all over the same team  
which Wisconsin defeated 30-0 and  
Purdue 10-6, shows Michigan to be  
in a class below either Minnesota or  
Wisconsin. Why is it that Michigan  
would not consider a game with  
Wisconsin until our team had been  
out of training for over a week?  
Why was it that on account of "other  
games" Michigan was unable to ar-  
range a game with Wisconsin at the  
first of the season? If Michigan de-  
sires to be considered in the east we  
have no objection but when we play  
eastern teams we will not select Mi-  
chigan as a worthy representative of  
the East.

When Michigan arranged her foot-  
ball schedule all of the games against  
western teams were regarded as sure  
victories, or these games would not  
have been scheduled. Olivet, Adrian,  
Case and other colleges were de-  
feated, but the University of Chicago  
nearly upset the calculations for a  
"victorious" season. As it is Michigan's  
only defeat has been by Cornell but  
this cannot give her a high rank-  
ing among western teams. Probably  
Michigan comes about fourth, with  
Wisconsin, Minnesota and Purdue, in  
the order given, preceding her. A  
comparison between Purdue and  
Michigan is difficult because they have  
not met but Purdue's defeat of Chi-  
cago was more decisive than Michigan's.

The local chapter of Sigma Chi  
gave a dancing party at their chapter  
house Saturday evening.

Mr. Pyre has assigned topics on  
Chaucer to be given in class this week.  
They add great interest to the subject.

Mr. Wilbur F. Stiles, '93, and Miss  
Irene Simmons, both of Lake Mills,  
will be married next Thursday, De-  
cember 6.

## CONVENTION OF COLLEGES.

The sixth annual convention of the  
Association of Colleges and Prepara-  
tory Schools in the middle states was  
held at Johns Hopkins University,  
Baltimore, on Friday, Nov. 30th, and  
Saturday, Dec. 1st. Dr. Patton is the  
president of the association and de-  
livered an address before the conven-  
tion on Friday evening. Friday fore-  
noon was devoted to the reading of  
papers on the "Place and Teaching of  
History and Politics in School and Col-  
lege," by Prof. James H. Robinson of  
the University of Pennsylvania, and  
others. In the afternoon there was a  
discussion of the report of the commit-  
tee on the requirements for entrance  
examinations in English.

## CHICAGO RIVALS.

The Chicago Rivals have arrived in  
the city and are registered at the  
Park. They will appear at the M. E.  
church this evening, giving the third  
number in the City Lecture course.  
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Mr. Smith reports that the evening opening of the university is a great success. All day long the library is full of earnest workers and there are many times during the day when there are not seats enough. The evening attendance averages between 25 and 30. Many have taken out cards but not so many as was expected.

New books are constantly being received. We give below a complete list of the most important books received lately:

Adams—Massachusetts, Its Historians and History.

Arnold Matt—Study of Celtic Literature.

Arnold Matt—Discoveries in America.

Arnold Matt—Essays in Criticism. Arts and Crafts Essays—Ed. by W. Morris.

Baker, Ira O.—Engineers Surveying Instruments.

Brooke, Stopford A.—Tennyson. Chaucer, Geoffrey—Complete Works Edited by W. Skeat.

Cotterill—Lessons in Applied Mechanics.

Dante Alighieri—Divine Comedy, tr. by J. W. Parsons.

Davis, J. P.—Union Pacific Railroad. Dodge, Theodore—Great Captains.

Euripides—Bacchanals and Other Plays, tr. by H. H. Milman and M. Woodhull.

Flint, Rob—History of the Philosophy of History in France.

Fourier, Jos.—Analyt. Theory of Heat.

Froude—JaAut.—Thomas Carlyle. Giekie Arch.—Geological Sketches.

Gerhard, W. R.—Gas Lighting and Gas Fitting.

Guerber, H. A.—Myths of Greece and Rome.

Hammersten, Olaf—Test book of Physical Chemistry.

Herbart, J. F.—Science of Education.

Hinsdale, B. A.—How to Study and Teach History.

Hobbs, F.—Leviathan, Ed. 3.

James, W.—Principles of Psychology, 2 Vol.

Jevons, W. S.—Logic.

Jones, H.—Browning As a Philosophical Religious Teacher.

Kayser, E.—Test Book of Comparative Geology.

Leaf, Wa.—Companion to the Iliad. Livins—History of Roman Literature tr. by D. Spillan.

Lotze, H.—Outlines of Aesthetics, tr. by G. T. Ladd.

Lovell, D. H.—Practical Swiss work, Ad. 4.

Mach, Ern.—Science of Mechanics.

Madison, Ja.—Journal of the Federal Convention.

Mahan, A. T.—Influence of Sea Power upon History.

Mahan, A. T.—Influence of Sea Power upon Tr. Rev. Empire.

Malory, T.—La Morte d'Arthur—Ed. E. Strachey.

Martin, T. C.—Inventions and Writings of Nikola Tesla.

Moore, G.—Modern Paintings.

Morris, C.—Civilization.

Noll, A.—How to Wire Buildings.

Patton, W. M.—Practical Treatise on Foundations.

Phelps, W. Lyon—Beginning of the English Romantic Movement.

Remsen, Dans—Primary Elections.

Rowbothan, J. F.—History of Music.

Scherer, Edmond—Essays on English Literature.

Searles, W. H.—Field Engineering, Ed. 16.

Shaler, Nath. S.—Interpretation of Nature.

Stevens, C. E.—Sources of the Constitution of the United States.

Taine, A.—Modern Regime, tr. by J. Durand.

Tozer, H. T.—Classical Geography.

Van Brunt, H.—Greek Lines.

Walker—Three Centuries of Scot. Literature.

Weisbach, Phil. Jul.—Manual of Mechanics of Engineering.

Weisbach and Herman—Mechanics of Hoisting Machines.

White, G.—Ballades and Rondeaus. Willert, P. T.—Henry of Navarre. Scripture, Edu. W.—Studies from the Yale Psychological Laboratory. Hafercom, H. E.—Complete set of Handy lists of Technical Literature.

Sweet, H.—Anglo-Saxon Reader.

Richards, J.—Manual of Machine Construction for Engineers.

Stille, Alf., Maisch, J. M.—Caspari C. National Dispensatory of U. S. of America.

Complete Set of Rob. Browning's Poetical Wrks.

Aristoteles—First Book of Metaphysics, tr. by a Camb. Graduate.

Benjamin, R. M.—Principles of the Law of Contract.

Besant, W. H.—Treatise on Dynamics.

Bible—Douay ed.

Brooke, W. K.—Genus Salpa. Text Slates.

Campbell, E. L.—Science of Law.

Carhart, Dan—Field Book for Civil Linguistics.

Clevenger—Treatise on Government Surveying.

Cremona—Graphical Statics.

Cushing—Treaty of Washington.

Dodge—Alexander Hanabal, Caesar.

Giekie—Class Book of Geology.

Grant—Odontics or—

Greaves, J.—Treatise on Element Statics.

Hill—Genetic Philosophy.

Jenks—Constitutional Experiments of the Commonwealth.

Jackson—

Jackson—

Browne—Students' Hand Book of Geology.

Browne—Physical Geology.

Lakes—Geology of Col.

Lockyer—Movements of the Earth.

McCrel—Teeth of Spur Wheels.

McPherson—Hand Book of Politics, 1894.

Ochorowicz—Mental Suggestion.

Oman—Europe 476—118.

Parkinson—Element Treatise on Mechanics.

Piersol—Test Book Normal Histology.

Smith—Moral Sentiments.

Snow—International Law.

Zimmerman—Botanical Microtechnique.

Remington—Pratice of Pharmacy.

Coblentz—Hand Book of Pharmacy.

Davis—Element Meterology.

Falconer—Mushrooms.

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## OFFICIAL NOTICES.

DECEMBER 3, 1894.

## COMPARATIVE PSYCHOLOGY.

The class will read both volumes on the Development of the Child as its work for the remainder of the term. The final examination will include this book as well as the lectures that have already been given.

Joseph Jastrow.

## GYMNASIUM.

Students of the freshman and sophomore classes who have not had a physical examination, will report at once to the director for an engagement for such examination.

J. C. Elsom, Director.

Locals under this head 1c. a word

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

**BADGER BOARD:** The literary committee will meet as usual tomorrow (Tuesday) at 6:30 p. m. Board meeting Wednesday evening.

**LOST:** A Wirt fountain pen with initial "B" on end of barrel. Return to Badger box, Main or Science halls.

Remember the social given in Odd Fellow's hall on Saturday evening, Dec. 8th. Leave your name at Meng's Drug Store if you want to join the class.

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