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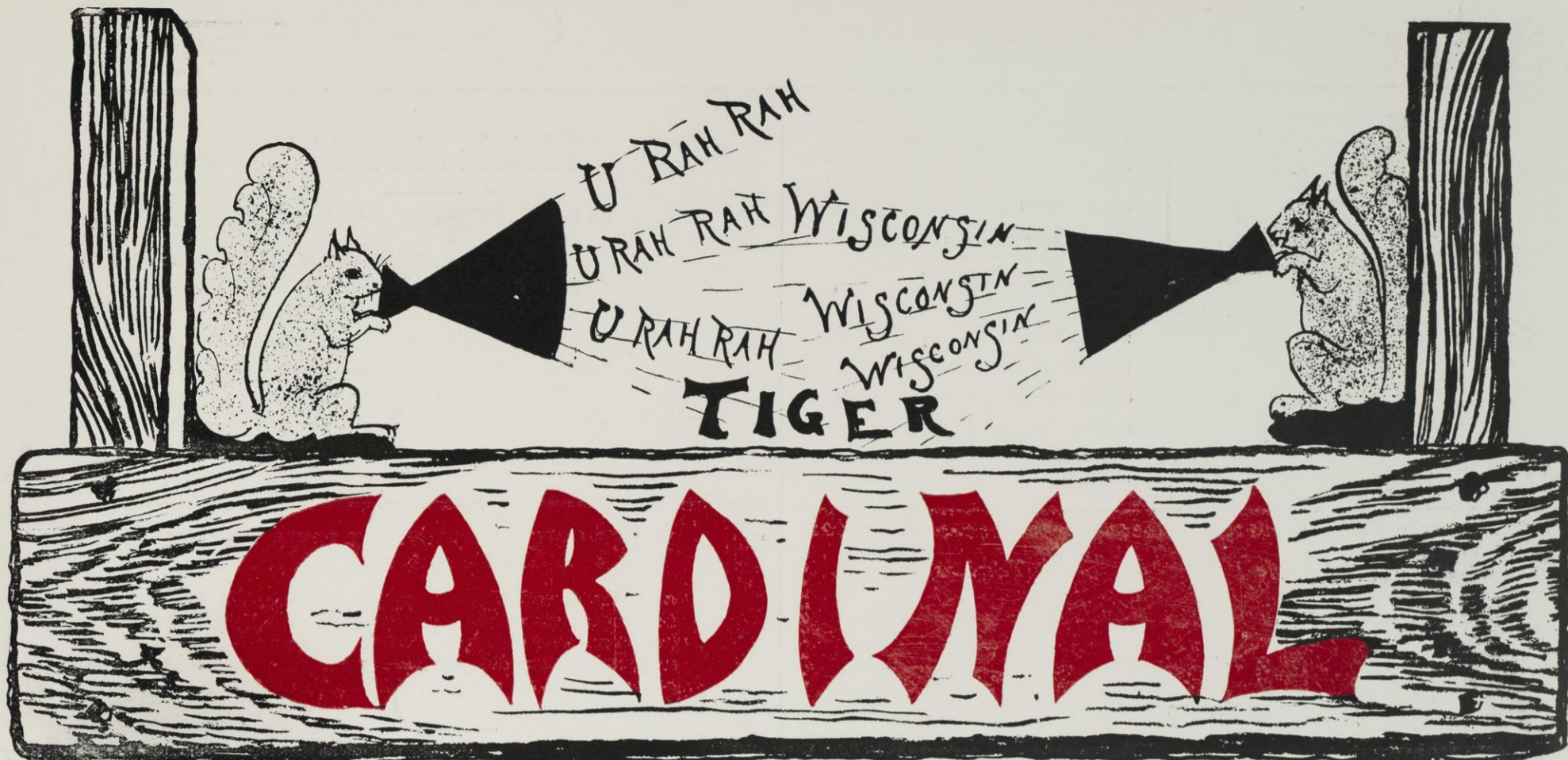
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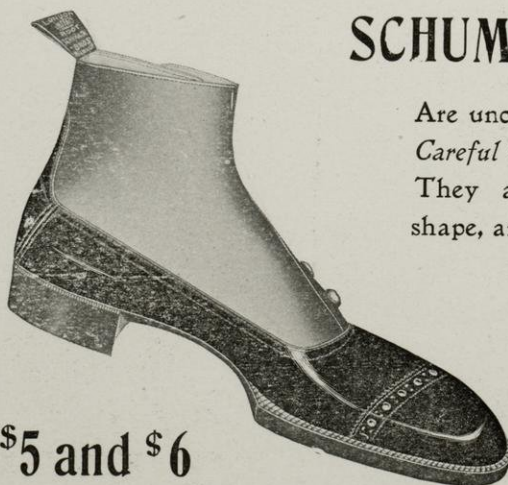
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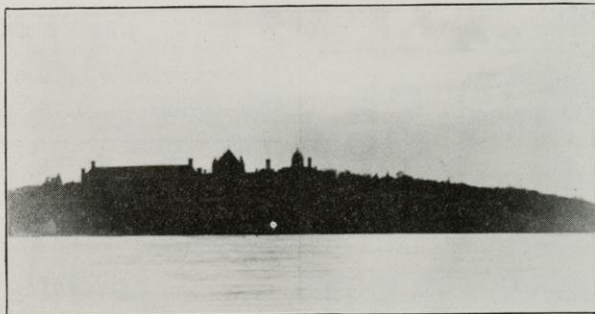
RATES:

American plan.....	\$3.00 per day and upward.
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The Christmas Cardinal.



	PAGE.		PAGE.
"THE SACRIFICE OF HASTINGS".....	1	"OUR STURDY WISCONSIN CREWS, AND THEIR INVASION OF THE EAST".....	10
<i>Prize Story, by JOSEPH KOFFEND, JR.</i>		EX-CAPT. ANDERSON AND COACH O'DEA.	
UNIVERSITY MEN IN POLITICS.....	2	TAU BETA PI	11
THE SCHOOL OF COMMERCE.....	3	"THE DOWAGER EMPRESS OF THE SEAS".....	12
PROFESSOR W. M. A. SCOTT.		<i>The Story of the Trial Trip of the Battleship "Wisconsin."</i>	
CHANGES IN THE FACULTY.....	4	PHI BETA KAPPA	12
DRAMATICS IN THE UNIVERSITY.....	5	PROF. M. S. SLAUGHTER.	
LADIES' HALL,—ITS CUSTOMS AND TRADI- TIONS	5	ORATORY AND DEBATE.....	13
MARY B. SWAIN.		<i>With Illustrations of Joint Debate Teams.</i>	
THE FOOTBALL SEASON OF 1900.....	6	THE UNIVERSITY GOLF CLUB.....	13
EX-CAPT. CHAMBERLAIN AND OTHERS.		MUSIC IN THE UNIVERSITY.....	14
TRACK ATHLETICS	7	<i>Including the Glee Clubs and the Mandolin Club.</i>	
FRED C. MCGOWAN.		CHANGES ON THE CAMPUS.....	15
EDITORIALS	8	<i>Describing the New Buildings.</i>	
THE EDITOR.		THE YOUNG MEN'S CHRISTIAN ASSOCIATION.	16
UNIVERSITY PUBLICATIONS	8	GEN.-SEC. G. S. PHELPS.	
"AUNT ELIZABETH'S CHRISTMAS PRESENT"...	9	THE DEPARTMENT OF MILITARY SCIENCE....	17
<i>Second Prize Story, HARVEY O. SARGEANT.</i>		HARRY G. KEMP.	
		BASE BALL	17
		EX-CAPT. ARTHUR H. CURTIS.	



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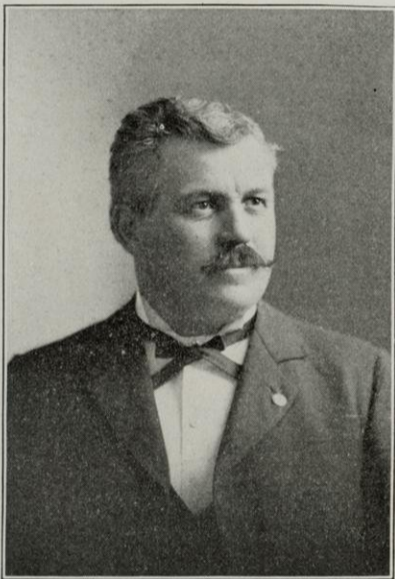
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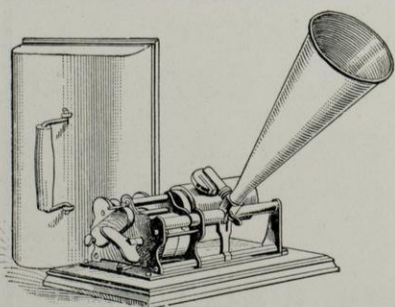
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The Daily Cardinal.

UNIVERSITY OF WISCONSIN.

VOL. X. CHRISTMAS SOUVENIR EDITION.

WEDNESDAY, DEC. 19, 1900.

[PRICE 20 CENTS.]

"The Sacrifice of Hastings."

Prize Story by JOSEPH KOFFEND, JR.

SHOULD you ask an old alumnus of our University of away back in the nineties the question "who was the most popular man in the University in your day," he would answer you with a broad, congenial smile, and tell you the story of little "Limpy" and Hastings.

Little "Limpy" was one of the first mascots of the Wisconsin team. With a pinched, chalky face, short of stature and minus a leg, he was indeed an object of pity. So thought the great heart of the captain of the team. He needed a mascot, and although the appearance of "Limpy" did not augur happy victories, the little cripple was offered the position and readily accepted.

He recognized at once that his honorable position was due to the captain, and all the love of an unfortunate and unhappy cripple was laid at the captain's feet.

The team, as well as the captain, soon learned to love the little mascot. His face, though often bearing the marks of suffering, always wore a welcome smile when a gridiron hero appeared in sight. When he was too ill to take his accustomed place and "root" on the side-lines, the team missed him more, perhaps, than they were willing to admit. His high-pitched childish voice was often heard leading the enthusiastic cheering and whether the players were losing or gaining, little "Limpy's" voice was sure to be doing its cardinal duty. Had you asked any of the players who next to Captain Hastings was the idol of the University, you would have received but one answer, "Limpy, the mascot." And when later in the season his testimony acquitted the captain of a malicious charge of professionalism, the love for the little cripple knew no bounds. The captain's halo was in danger of being dimmed by the devotion of the students to the mascot. To all this hero-worship little "Limpy" was indifferent. All he asked for was the captain's love and friendship, and the captain playing a great game.

It was the day of the deciding game of the year, the great game. Hastings was just getting into his big ulster ready to go to the "gym" and don his suit of armor, when the door was suddenly burst open and a doctor entered the room. He spoke excitedly. "Mr. Hastings, the mascot of your team has suddenly become seriously ill, one of his regular spells, only severer. He has a high fever and is continually calling for you. I tried to quiet him, but could not do so. At last I yielded to his demands and told him I would get you," and the doctor glanced uneasily at the captain. Hastings was silent. The doctor spoke again, "I see that you are on your way to the game, but it will only take a minute, and you may succeed in quieting him. He is very ill. You know how he worships you and what he once did for you."

"Yes, I know and remember," said Hastings, "but what good can I do?" "But he cries continually for you," was the doctor's reply, "you must come, it will take only a minute," and he pushed the big captain through the door.

"Limpy" was very ill, Hastings saw at a glance. The thin face seemed still thinner, and his eyes burned

with an unhealthful fire. He was crying "Captain Hastings, Captain Hastings, Captain Hastings," when Hastings entered the room. His mother was weeping over him unable to quiet him. When at last the feverish brain of the invalid understood that it was indeed his beloved captain that was near him, his joy was pathetic. He seized Hastings' hand and hysterically sobbed over it "I knew you would come, captain, I knew you would come; the 'doc' said you wouldn't, but I told him he didn't know my captain," and then overcome with the excitement he sank back on the bed.

Hastings looked down at him tenderly, but in a moment glanced at the clock and said: "Don't you think I can go now, doctor, he seems to be sleeping, and I've got to dress for the game." Before the doctor could reply, the little invalid moved and whis-

pered "stay with me, captain, oh please stay with me." "But Limpy, my boy," cried the anguished captain, "I've got to play the great game today, and you have got to be there and lead the yelling; come, my boy, brace up and let's be off." The sick boy smiled faintly and feebly attempted to rise. "Yes, the game," he murmured, "and I've got to yell;" but the weakened body was unable to obey the commands of the loyal heart, and little "Limpy" sank back, totally exhausted, still grasping the hand of the captain.

Camp Randall was one howling mass of rooters. It was the day of the greatest game of the year and every student in the University was there to yell for his heroes. With one long string of victories to encourage them, the team was expected to win this game, and float the championship pennant to the sky. When the teams came onto the field it seemed as if the former cheerings were but sighs compared to the noise that followed. Plainly, the rooters would be satisfied only with a victory for the cardinal.

out of the game, the team could not win, and that it was only a question of the size of the score. But even in the face of these odds, the Wisconsin spirit did not abate, and although but ten minutes were left to play and the score was ten to six against them, the cheering of the loyal rooters still continued. But a note of dwindling hope was in their cheers, and they were beginning to lose heart.

It was soon apparent to the cardinal supporters that with the captain

boy." But the feverish brain would not quiet.

Tender entreaties from the boy's mother were of no avail and Hastings with one great sigh finally resigned himself.

But suddenly he felt the tightened grasp weaken and glancing down at the boy he saw gentle sleep closing the tired eye-lids. The doctor at a sign from Hastings glanced intently at the boy's face. It seemed years to Hastings before the doctor stood erect and whispered, "Thank God, he sleeps; Mr. Hastings you have sacrificed playing the great game, but you have saved a human life."

Hastings quietly arose, but before he could reply, the doctor clutched him by the arm, and whispered, "By the eternal, my boy, you have a fighting chance still. It is only fifteen minutes past four. The boy will sleep, and I'll stay here. Run and play the



The Gymnasium.

rest of the game."

No need to describe how Hastings got into an old suit and sweater, and how he ran to the grounds, two miles away, or what his thoughts were as he ran. His only prayer was, that whether too late or not the cardinal would win.

Five thousand cheering but down-cast rooters saw him rush onto the field, order his substitute out of the game, and saw him spring into his regular position. The same five thousand rooters now terribly excited, saw new life and fire come into the team as gain after gain was made, and finally just two minutes before time was called, the rooters, frenzied with excitement, saw their captain run sixty-five yards for a touch-down. No need to tell you that the game was won, and how the victorious cardinal waved in the joyful breeze, for you were all there.

Triumphant Rome never paid more glorious tribute to triumphant Caesar, than did the cardinal to Captain Hastings when the nobility of his sacrifice was told to the world by an admiring doctor, a happy mother and an adoring cripple.

Hastings still sat near the bed of the invalid boy. His face was pale and haggard. The great, manly captain had had a severe struggle, but finally sympathy and love prevailed over ambition, and little "Limpy" kept by his side the man that five thousand rooters were clamoring for. The doctor recognized the nobility of the sacrifice and worked as he had never worked on a patient before. But the sick boy still tossed in his pain and mumbled, "I knew you would come to 'Limpy'; I knew you would come because you are so good." Only once the captain spoke. "Doctor, can't you get him to sleep, so I can play just the second half?" "I'll try, my

University Men in Politics.

AS TIME goes on and graduates of the University have had time and opportunity to mingle in the affairs of the world, it becomes more and more evident what an important factor they are to become in our social structure. One index of this development is the ever-increasing proportion of University men either directly or indirectly concerned with the political struggles of the various campaigns. As complete a list of successful candidates as it was possible to secure at this writing has been prepared. It includes two governors, an attorney-general, assistant attorney-general, three congressmen, six state senators, and eight assemblymen.

In addition to this an almost endless procession of county, city and village officers presents itself. We find especially the graduates of the law school occupying positions as district and city attorneys all over the state. Among the speakers of the campaign are large numbers of old University men, some of whom are still students in the University.

The interest of students in these questions is manifested by the flourishing condition of the two student political clubs, namely, the U. W. Democratic Club and the U. W. Republican Club. Joseph E. Davies, law '01, is president of the former, and Emerson Ela, law '02, of the latter. Both clubs put forth unusual efforts this fall in the securing and entertainment of prominent speakers.

Besides the successful candidates we must count as part of the University influence in politics a considerable number of unelected candidates who nevertheless represent a large amount of influence.

As might be expected, a large proportion of these men were orators and debaters while in the University.

The most noticeable figure is naturally that of governor-elect Robert M. La Follette. Throughout his University course Mr. La Follette was active in debating society and literary work. He was editor and joint owner of the University Press, then the only student publication. He was a member of the Athenaeum society, which he represented in the Junior Exhibition. In his senior year, as every one knows, Mr. La Follette won the home oratorical contest, the state contest, and the interstate contest at Iowa City with an oration on "Iago." Graduating from the scientific course in 1879, he entered the College of Law the following fall. His political history is too well known to require discussion.

Charles Nelson Herreid, '82 law, the newly-elected governor of South Dakota, was born October 20, 1857. He spent three years at Gale College, read law in an office for one year, and then entered the law course at the University, graduating in 1882. He was elected governor this fall by a majority of about 18,000.

Herman Bjorn Dahle, member of congress from the second district, was born March 30, 1855, in the town of Perry, Dane county. He received his early education in the district schools of his native town, and from 1870 to 1874 attended the University of Wisconsin, part of the time in the preparatory department. Mr. Dahle was first elected to Congress in 1898, and this year was re-elected by a largely increased majority.

John Jacob Esch, '82, re-elected to Congress from the seventh district, was born March 20, 1861. He entered the University in 1878 and graduated from the modern classical course in 1882. Mr. Esch was a member of the Athenaeum society and of its joint debate team of 1882. He was one of the founders, and, during his senior year, managing editor of the Badger, a weekly college paper. At graduation he was class-day prophet, and appeared on the commencement platform with an oration on "The Jews."

Webster Everett Brown, '74, the newly-elected congressman from the ninth district was born near Peterboro, N. Y., July 16, 1851. Mr. Brown attended the country schools of Portage county; spent some time at Lawrence University; and in the spring of 1870

he took a course at the Spencerian business college, Milwaukee. That fall he entered the University, from which he graduated with the class of 1874. He was president of the Alumni association of the University of Wisconsin for the year 1899-1900.

Emmet Reuben Hicks, '76, re-elected attorney-general of Wisconsin, was born at Waukau, Winnebago county, March 7, 1854. He graduated from the Omro high school in 1870 and from the University in 1876 with the degree of B. S. He took the law course at the University, finishing in 1880. He also took the degree of M. A. in the same year. Since graduation, until his election as attorney-general in 1898, Mr. Hicks has practiced law at Oshkosh.

Ernest N. Warner, assistant attorney-general, graduated from the University in 1889, and has since practiced law in Madison. He was a member of the Philomathian society.

Julius Edward Roehr, '81 law, senator from the eighth district, was born at Brooklyn, N. Y., March 6, 1860; educated at the public schools of that city and of Milwaukee, and took the law course at the University of Wisconsin, graduating therefrom in 1881.

Edward Eugene Burns, '87 law, sena-

James Huff Stout, senator from the twenty-ninth district, was born at Dubuque, Iowa, September 25, 1848; was educated in the public schools of that city, and in the University of Chicago. Senator Stout has devoted much of his time and means to the advancement of educational ideals. He built and equipped the Stout Manual Training School at Menomonie at his own expense in 1893, greatly enlarged it in 1894, and rebuilt it after its destruction by fire in 1897. He started the traveling library system of Wisconsin by buying about five hundred books which were divided into traveling libraries and distributed about Dunn county. Although not a graduate he has long been a regent of the University.

John Comstock Gaveney, '85, representing the thirty-second senatorial district in the new legislature, was born at Arcadia June 30, 1863; was educated in the public schools of that town; graduated from the University in 1885 and from the College of Law in 1888. He was a member of Hesperia, a semi-public debater, and was on the Hesperian joint debate team of 1884; while in the law course he was a member of the E. G. Ryan society.

Charles W. Gilman '85, assemblyman

assemblyman from the second district of Milwaukee county, attended Marquette College, Milwaukee, from which he graduated in 1890, and received the honorary degree of A. M. two years later; entered the law course of the University in 1894, and graduated therefrom in 1896. While in the University he was a member of the Forum society, and was one of the victorious teams which debated with the Milwaukee Forum society in 1896. In his senior year he was president of his class, and was one of the commencement day orators.

John Colonel Karel, '95 law, fondly known to fame as "Ikey," after graduating from the law course, took two years' work on the Hill, and then began the practice of law at Kewaunee. He soon removed to Milwaukee, where he is now practicing. "Ikey" was perhaps the best known football man of his time, and his famous run which won the Minnesota game in 1894, the first big game ever played in Madison, will long be remembered.

William Francis Collins, '94 law, representing the first district of Portage county in the assembly, was born at Stevens Point in 1869. During the legislative session of 1891 he was engrossing clerk of the assembly, and, in the session of 1893, clerk of the judiciary committee of the senate. He graduated from the College of Law with the class of '94. During his junior year he was president of his class.

John Wesley Owen, who will represent the first district of Racine county in the assembly, was born at Racine January 17, 1862. In 1886 he entered the College of Law. After his graduation in 1888, he began the practice of law at Racine.

George Ela, '94 law, representing the second assembly district of Racine county, was born October 11, 1868, in the town of Rochester, where he has always resided. In the fall of 1892 he entered the College of Law, from which he graduated in 1894. Since graduation he was engaged in farming and dairying.

Frank Alward Cady, '83 law, member of the assembly from Wood county, was born December 31, 1858, in the town of Newport, Columbia county; attended the district schools and the Kilbourn high school, taught for four years, and in 1878 entered the modern classical course at the University. He did not complete his academic course on account of lack of means, but in 1881 began the law course, from which he graduated in 1883.

(The Cardinal owes to the courtesy of the Alumni Magazine the use of much of the data for this article as well as the cut.)

Tennis.

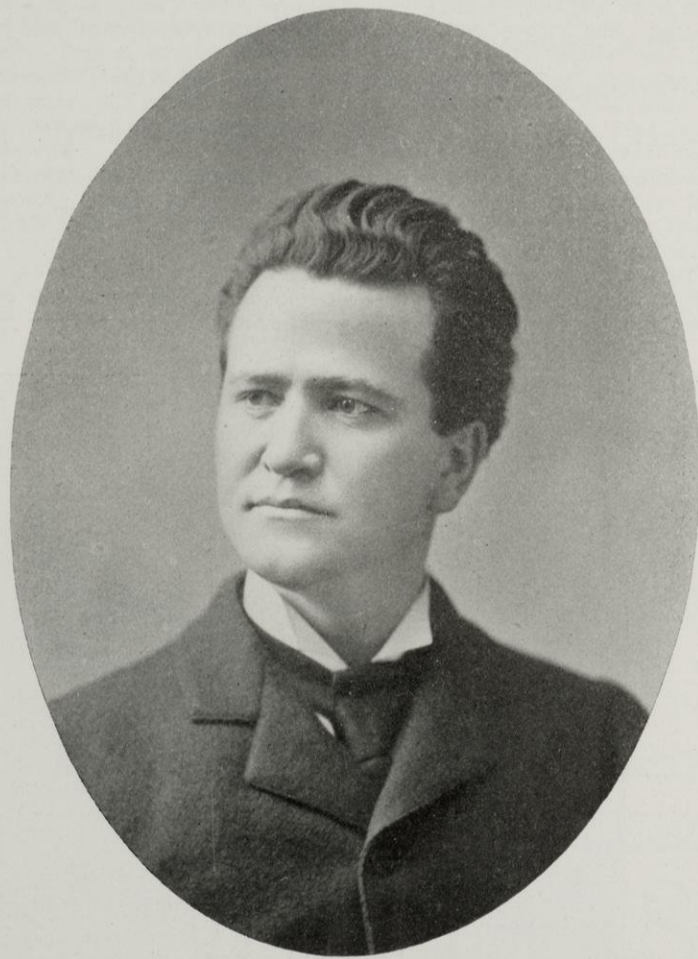
The tennis season of 1901 will open with brighter prospects for a championship team than we have had for several years. With most of the old men back, abundant new material and a revived enthusiasm in this sport, there is no reason why Wisconsin should not turn out the best team of years.

During the past summer Seaman and Helmholtz won the Wisconsin state championship at Milwaukee and with their consequent improvement in form may be counted upon as sure point winners in the Western Intercollegiate next spring. John Sanborn, '98 champion, has returned to college and, although he has played four years, he has kindly consented to do everything in his power to further the tennis interests in the University.

Last spring the number of men on the team was reduced from six to four, a radical departure from the custom of former seasons. This change will make competition between the players fiercer and tend toward greater improvement in form.

Unfortunately, tennis, of all branches of athletics in the University, has been the slowest to develop. But each year has added to the interest and support given it, and from the present outlook, 1901 will be no exception. In fact, it will be a great disappointment to all interested in the game if next season is not the most successful we have ever had.

Wm. Beye.



Robert M. La Follette, '79.

tor from the sixteenth district, attended the Platteville normal school and graduated from the University College of Law in 1887. During the Spanish war Mr. Burns served as captain of Company C, 4th Wisconsin. He has served as a member of the county board of supervisors of Grant county, and as city attorney of the city of Platteville.

Henry Chapman Martin, '79, senator from the seventeenth district, was born at Darlington, December 15, 1854; was educated in the schools of that city, entered the University in 1876, and graduated in 1879. For five years he was a member of Co. K, 1st regiment, W. N. G. He served during the riots in Milwaukee, when the state troops were called out by Governor Rusk. He was elected to the assembly in 1895, and to the senate in 1898.

Andrew Lawrence Kreutzer ('90 law), senator from the twenty-fifth district, was born in Marathon county August 30, 1862. He entered the senior law class of the University in the fall of 1889, took the state board examination in January, 1890, and was admitted to the bar. He was elected alderman in 1893; district attorney in 1894, and re-elected in 1896; was appointed by Governor Upham in 1895 commissioner to the Atlanta exposition; appointed by Governor Scofield in 1896 judge advocate general and member of his staff with the rank of colonel; and was elected to the senate in 1898.

representing Buffalo and Pepin counties, was born in the town of Calmanton, Buffalo county, in 1862. He graduated from the scientific course in 1885 and from the law course in 1886. While at the University he was a member of Hesperia, and represented that society in the joint debate of 1885. He has served three terms as district attorney of Buffalo county, and is at present mayor of the city of Mondovi.

E. Ray Stevens, '93, assemblyman from the first Dane county district, entered the University in 1889, graduating with the degree of B. L. in 1893, with special honors in economics, and graduating from the College of Law in 1895. He was a member of Athenaeum and of the Forum; was a semi-public debater in his sophomore year, a member of the victorious Athenaeum joint debate team of 1893, and a member of the Forum team which debated the Milwaukee Forum society in 1894. He was editor-in-chief of the Aegis, and chairman of the '93 Badger board; was engaged in newspaper work throughout his university course, reported two sessions of the legislature, and contributed to numerous newspapers and magazines; and spent one summer in Europe in the study of municipal problems and as special correspondent of the Milwaukee Sentinel. In 1896 the partnership of Jones & Stevens was formed, which has since continued.

Maurice Aloysius McCabe, '96 law,

The School of Commerce.

By Professor William A. Scott, Head of the Department.



THE School of Commerce represents the latest move of the University along new educational lines. It was authorized by the Board of Regents at their meeting in April, 1900, and its doors were opened to students at the beginning of the present academic year. The history of the School, however, really dates considerably further back than last April. Many years ago Mr. L. S. Hanks of Madison, then a member of the Board of Regents, strongly advocated the establishment of such a school, and his continued in-



Director Wm. A. Scott.

terest and persistent efforts during the intervening years have been a large factor in the movement of which the outcome is the present institution. The promotion and popularization of the study of the various social sciences and history through the establishment of the School of Economics, Political Science and History in 1892, the recommendations of the Board of Visitors, of which Mr. Hanks was Chairman, in its report for 1898-99, and President Adams' strong presentation of the subject in his report to the Regents in February, 1900, mark the various steps in this movement, and in each one Mr. Hanks' influence counted for much. The inaugural address of Dean Johnson of our Engineering School, emphasizing as it did the need for commercial education, doubtless also contributed towards the more speedy realization of the ideal which Mr. Hanks and others had cherished.

The motive back of this movement was the desire that the University should furnish a more adequate preparation for business life. Valuable as are the numerous and varied courses of study which it has offered in its different departments, the legitimate demands of modern commercial life have not been fully met. The prosecution of any great industrial enterprise at the present time demands great ability and the best training which can be afforded. No profession makes greater demands upon its members. This fact is well understood by business men, but nevertheless large numbers of young men who are perfectly competent to pursue successfully a University course, and who need as much training as four years of hard University work could give, go into business directly from the high school. This fact cannot be explained by the poverty of these young men, for many of them are rich, nor by their lack of ambition or unwillingness to do hard work, for as a rule they are full of ambition and energy. It is due in some cases, doubtless, to a lack of appreciation of the value of a liberal course of study and in some cases to eagerness to become financially independent at the earliest possible moment; but, when one listens to the experiences of college-bred men who have gone into business and to the criticisms of the so-called self-made veterans, and then analyzes the needs of the modern business man, he will be convinced that the ordinary college or university course comes far

short of giving the business man what he needs and what he has a right to expect.

The need for Schools of Commerce would not be so pressing, if an adequate preparation for business could be obtained elsewhere; but the fact is that adequate facilities for this sort of education exist nowhere in this country. Great commercial or manufacturing establishments do not make a business of training apprentices, as did the guilds of the middle ages, and even the young men who do have access to them do not always find there the opportunities they seek. A large business establishment is organized minutely and frequently with the delicacy of a machine. One man performs some little part of the work without knowing very much or anything about the establishment as a whole. It by no means follows that entrance into such an establishment will give to one the advantage of a thorough and comprehensive training in that particular field of work. In view of the fact also, that American commerce is now extending all over the world, and that business houses require representatives in almost every nation of the earth, many kinds of knowledge are essential for success which cannot possibly be procured outside of special schools. The numerous technical schools of the country, like those of Engineering, Agriculture, Pharmacy, Forestry, etc., supply the need of a few branches of industry, but do not touch the commercial side of every great business, nor meet the needs of such highly specialized branches of commerce as is represented by the banker, the consul, the wholesale dealer, the commission merchant, the stock broker, etc.

The School of Commerce of the University of Wisconsin has been established for the purpose of remedying this deficiency in our educational apparatus, and its course of study is our solution of the comparatively new educational problem. Two principles have guided the faculty in the selection and combination of the subjects for study. The first is, that the man who is to succeed in the great industrial enterprises of the future must be educated in the best sense of that word, and the second is, that he must be equipped with certain kinds of technical knowledge. The problem, therefore, has been to so utilize the various branches of human knowledge now available for educational purposes as to secure both of these ends.

Our scheme may be briefly described as follows:

I. It includes a group of courses designed to familiarize the student with the nature and workings of the industrial organism of which he is to be a part, and through the manipulation of which he must accomplish his ends. Under this head belong:

(1) Courses in Commercial Geography, which deal with the sources and distribution of the raw materials of manufactures and commerce, the present location of the most important branches of manufacturing industry, the chief routes of commerce and the circumstances which determine, and from time to time modify, their localization.

(2) Courses in Transportation, in which the student studies the transportation systems of the most important countries of the world, including their railroads, canals, and ocean steamship lines, and in particular the characteristic features of the transportation system of the United States.

(3) Courses in Money and Banking, which are designed to acquaint the student with the nature and functions of money and banks, the monetary systems of the great commercial nations, the laws and methods of foreign exchange, the various kinds of securities which are used in international and domestic commerce, stock markets, bimetallicism and monometallicism, and the history of the currency systems of the chief commercial nations.

(4) A course in Business Organization and Management, which might, perhaps, better be described as a course in private administration to dis-

tinguish it from the courses in public administration which are given in the department of political science.

(5) Courses in Economics and Economic History, which are designed to familiarize the student with the actual growth and development of industry, and with the forces which determine and from time to time modify the structure of the industrial world.

II. The plan also includes courses in Materials of Commerce. These will consist of a study of the history of various commodities, from the raw material to the completed article, including the various processes through which they pass, forms of adulteration, cost of manufacture, etc. etc.

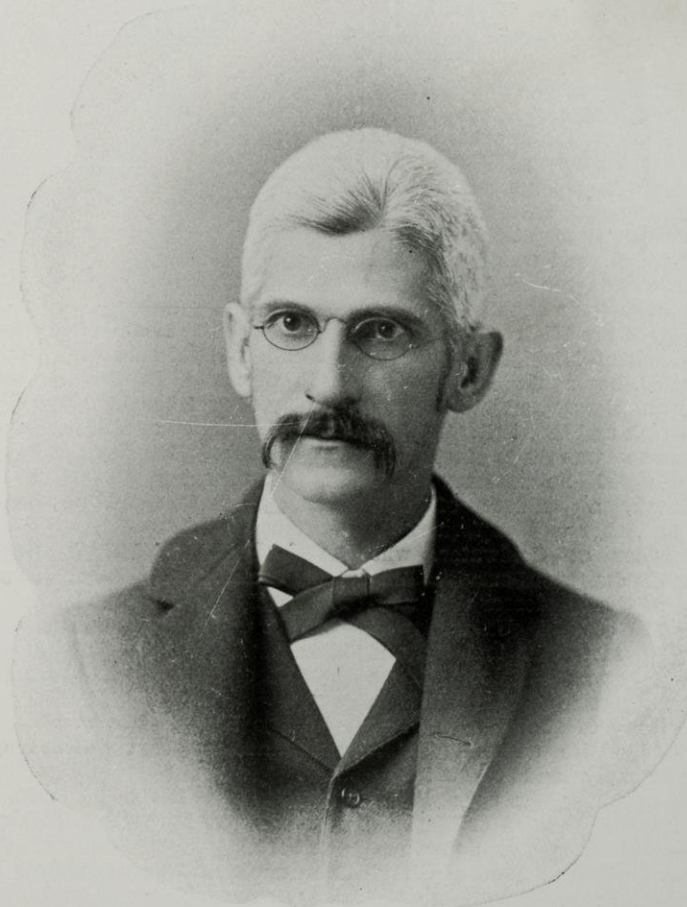
III. A knowledge of certain branches of law is now a desideratum for the business man. The course, therefore, includes a study of various branches of law, such as the law of commercial paper, corporations and partnerships, contracts, police powers, agencies, assignments, etc.

IV. Courses in the Modern Languages. The man who expects to represent an American business house in a foreign country should be familiar with the language which his customers speak. In many parts of the world American firms are now at a great disadvantage. Their agents lack a knowledge of the language and are obliged to deal with their customers through interpreters or by means of printed circulars and announcements translated from English. This disadvantage has been felt to such an extent that foreign agents are employed in large numbers to transact business for American houses. In view of these facts, we have made the acquisition of a reading, writing and speaking knowledge of French, German or Spanish a requirement in our School of Commerce. In addition, instruction is offered during the present year in Italian and Russian, and our courses are so arranged that it is possible for a student to acquire a second language if he so desires. In the instruction

organization of groups of technical electives designed to furnish preparation for particular lines of business. During the present year one such group is in operation, leading to the consular service. For the coming year a group of courses designed for the preparation of young men who wish to enter the banking business will be organized; also one preparatory to the prosecution of commercial pursuits in South America and the West Indies and in the Orient. Other courses of this general character will be organized in subsequent years, as the demand for them appears and the resources of the School increase.

At this early date it is impossible to test the plan we have adopted by results achieved. It seems to us to be well adapted to accomplish the ends in view, and it has the merit of being susceptible of easy modification as experience reveals its defects. Many indications, however, seem to point to a successful future for the new School. The attendance is very gratifying. The total number of students enrolled is 84, of which 61 are freshmen. 19 have transferred from other courses, while 65 have come to the University for the first time. The fact that more than 40 per cent. of these new students report that they would not have entered this or any other University had not the School of Commerce been established is evidence that it is attracting a constituency which has not before availed itself of the advantages of the University, and the fact that those who would have come here in any case and entered other courses were almost without exception seeking a preparation for business is evidence that the wants of the University's regular constituents are being better met as a result of the establishment of the new School.

It certainly augurs well for the future of this enterprise that such staunch business men as Mr. Fred Vogel Jr., and Mr. Charles Pfister of Milwaukee have sufficient confidence



Acting-President Edward A. Birge.

given in all these languages special attention is devoted to commercial correspondence and business and legal forms.

V. Courses in Physics and Chemistry. These sciences are used in industry in such a variety of forms that at least an elementary knowledge of them is necessary for the well equipped business man.

VI. In addition to the courses described above, which are required of all students, our plan contemplates the

in its usefulness to contribute a liberal sum of money for the purchase of books to supply its immediate needs. The fact that these gifts came without solicitation of any sort, not only indicates the liberality and public spirit of these gentlemen, but also shows that the leading business men of our state appreciate the efforts of the University to supply the educational needs of the rising generation, and are ready and willing to render assistance of the most substantial sort.

Changes in the Faculty.

Complete Record of Deaths and Resignations and a List of New Members.

SINCE the sending forth of our last Christmas number many changes have occurred in the faculty and the staff of instruction. The changes this year have been numerous and very important. It is our sad duty to record first of all the deaths of three members of the faculty, the late Professors Davies, Sober and Rosenstengel. They were all of high consequence in the faculty and their loss is keenly felt. Short sketches of each are here given.

John Eugene Davies was born at Clarkstown, New York, April 23, 1839. His parents having moved to the metropolis, his early education was received at the public schools and the college of the City of New York. In '55, the family moved west to Wisconsin and he entered Lawrence University (Appleton) from which he was graduated in '63 with the degree of A. B. Immediately upon graduation he enlisted as a private in the twenty-first Wisconsin regiment and served with distinction throughout the war under Bragg and Sherman finishing as a first lieutenant. Upon returning to Wisconsin, he was given the degree of A. M. by Lawrence and elected to the chair of chemistry and physics in that institution, but could not accept, as he wished to enter the Chicago Medical School, now attached to Northwestern. He graduated with honor in 1868 with the degree M. D., and in the fall of the same year became attached to the University of Wisconsin as professor of natural history and chemistry. In addition he soon taught astronomy also, and in '75 he became professor of astronomy and physics. In '78 his chair was changed to the professorship of physics; and in '91 it was further changed to professor of electricity and magnetism and mathematical physics. During '84 and '85 Dr. Davies studied under Lord Kelvin, the first year at John Hopkins and the second at Glasgow University, Scotland. He received the degree of L. L. D. from Northwestern University in '87. From 1874 until his death he was an active assistant of the U. S. Coast and Geodetic Survey, being in charge of the work done in Wisconsin. Dr. Davies was a great contributor to scientific knowledge and was closely connected with many of the leading scientific societies of the United States.

Hiram Allen Sober was born June 15, 1863, near Ypsilanti, Michigan. He was prepared for college at the Ann Arbor High School, entered the Ancient Classical course at the University of Michigan and was graduated in '86 with the degree of A. B. His next four years were equally divided as principal of the High Schools at Coldwater and at Michigan City, Indiana. In '90, he again entered the University as a postgraduate student in Latin, Greek and Sanskrit. The following year he was made instructor in Latin. In '92 he married Miss Gertude Clark, a graduate of that year at Ann Arbor and a former associate teacher at Coldwater, who with one little daughter survives him. In the fall of '93 Professor Sober became attached to the University of Wisconsin as instructor in Latin and two years later was promoted to an assistant professorship. Having been granted a leave of absence in June, '99, he, with his wife and child, left for a year of study and travel in Europe. The summer was spent in the German University town of Marburg and in the fall Professor Sober entered the American School of Classical Studies at Rome. Here he applied himself to research work to fit himself for further fields of usefulness at his chosen university. After a year's hard study he returned to America, going directly to his father's home at Moline, Illinois, for a brief rest and visit after the fatigues of travel. Appendicitis here developed and he was removed to a Davenport hospital for treatment. A skillful operation came too late for recovery, and he passed away the same day, Sept. 10, 1900. The remains were brought to Madison and near the scene of the labors of his more mature years were peacefully laid away.

William Henry Rosenstengel was born in Barmen, Prussia, Sept. 10, 1842. His early education was received at the Barmen Realschule. After graduating, he taught at Elberfeld and Rade-vorm-wald, while yet in Germany. He came to America in '65 and the next year became an instructor in the Central High School of St. Louis. This position, with several promotions during his twelve years continuance, he held until '79, when he became a member of the faculty of the University of Wisconsin. He received the degree M. A. from Williams College. He held the chair of German Language and Literature to the day of his death. Professor Rosenstengel was ever active in educational and philanthropic affairs and was especially enthusiastic in matters concerning the German peoples and literature. He delivered lectures on German subjects in various parts of the United States, and did much literary work in connection with German magazines and newspapers. Besides he was the author of many textbooks and books of general literary value. Professor Rosenstengel was

Otto Patzer, B. L., has been made an assistant in French.

Carl Russell Fish, Ph. D., and Asa Currier Tilton, Ph. D., have been made instructors in history, the former in American and the latter in European.

Arthur Robert Crathorne, B. S., Edward Lee Hancock, B. S., and Henry Charles Wolff, M. S., have been made assistants in mathematics.

Boyd Henry Bode, Ph. D., has been made assistant in philosophy.

Gustavus Adolphus Kleene, Ph. D., has been made assistant in economics.

Deane Bret Swingle, B. S., has been made assistant in biology.

Rollin Henry Denniston, B. S., has been made assistant in pharmacognosy and curator of the drug museum.

Edson Ray Wolcott, B. S., Clarence Winam Eastman, B. S., and George Walker Wilder have become attached to the physics department, the first two as assistants and the last as instructor.

Roy Dykes Hall, B. S., Arthur Alexander Koch, B. S., Miss Winifred Titus, B. S., and Albert Henry Woltersdorf, Ph. G., have been made assist-

received a similar promotion in the French department; and Miss Susan Adelaide Sterling, M. L., a like promotion in the German department.

Dr. Haskins has been changed from the chair of Institutional to that of European history.

Dean Henry of the Agricultural College has been made director of the experiment station.

Dr. Hobbs has been made editor of University publications.

Dr. Jones has been promoted from instructor in economics and statistics to assistant professor of economics and commercial geography.

Dr. Kahlenberg has been raised from instructor to assistant professor in organic chemistry.

Miss Mayhew, mistress of Ladies' hall, has also become assistant professor of physical culture.

Dr. Scott was made director of the new school of commerce.

Dr. Turner was made director of the school of history.

Katharine Allen, Ph. D., was raised from assistant to instructor in Latin.

Samuel Edwin Sparling, Ph. D., received a similar promotion in political science.

William Oscar Richtman, Ph. G., B. S., was raised from instructor in practical pharmacy to instructor in pharmacognosy.

Besides these a considerable number have resigned for various reasons, mostly to seek private life or to accept higher positions in other institutions of learning.

The faculty has lost two: Miss Annie Crosby Emery, Ph. D., former dean of women and assistant professor of classical philology; and Caleb Notbohm Harrison, B. C. E., Ph. D., former acting professor of machine design.

Others who resigned are as follows: Miss Harriet Trayne Remington, M. L., former instructor in German.

Wilmon Henry Sheldon, Ph. D., former assistant in philosophy.

Miss Louise Phelps Kellogg, M. L., former assistant in ancient and mediæval history.

Thomas Klingenberg Urdahl, Ph. D., former assistant in economics and statistics.

William Stewart Ferris, B. S., former assistant in pharmacognosy.

Theodore Rudolph Running, Ph. D., former instructor in applied mathematics.

The physics department has lost John Cutler Shedd, Ph. D., Charles Marquis Smith, B. S., George Stangel, B. S., the first two instructors and the last an assistant.

The chemistry department has lost two assistants, Alfred Newton Cook, M. A., and Alfred Tingle, Ph. D.

There are furthermore the following five on leave of absence.

President Adams, who is taking a Mediterranean tour for the benefit of his health, and who is now in Italy.

Professor Turner, now in Switzerland, for recreation.

Professor Freeman, who has become U. S. Consul at Copenhagen.

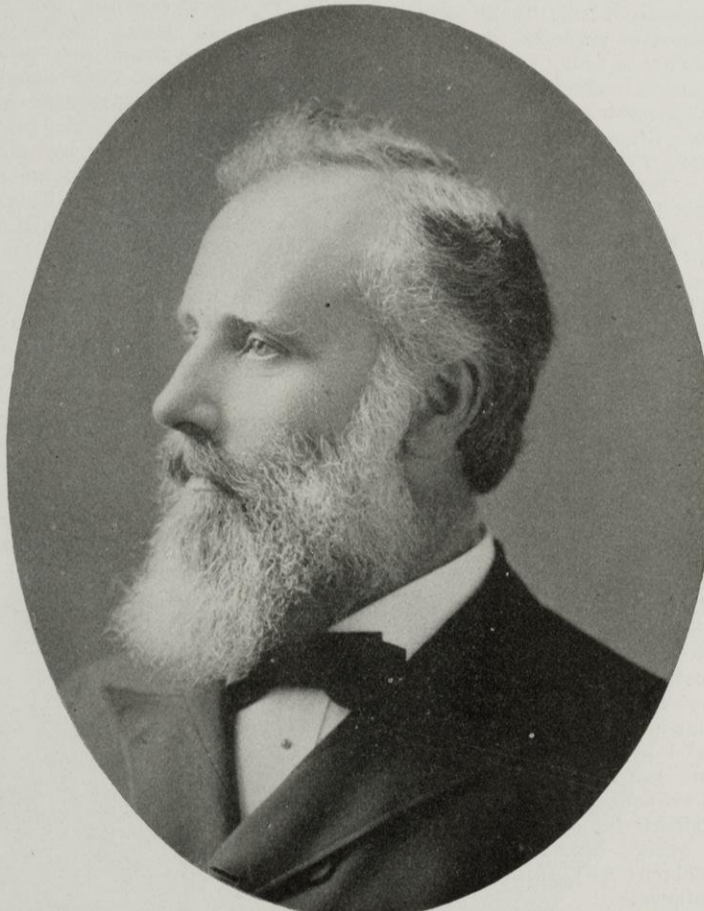
Assistant Professor Knowlton, now in California for a temporary change of work and for a rest from his labors at the University.

Professor Owen, now in Trinidad, who will make a tour of Central and South America.

Assistant Professor Woll, now studying at the University of Leipzig, Germany. In addition to his advanced research work there, he will make a tour of inspection of many European agricultural schools.

As a matter of general interest we may note that Professor Fischer received the degree of Ph. D. from a German University and that the same degree was granted to Professor Owen by Yale.

As a summary we observe that there have been three deaths, thirty-nine additions, seventeen promotions, and fifteen resignations. Six of the faculty have moreover been granted leave of absences, making in all some twenty-four more members of the faculty and corps of instructors and assistants than there were last year, which is decidedly in line with the increasing size and importance of our University.



Prof. Wm. Henry Rosenstengel.

married to Miss Lena Wirth who, with five children, yet survives him. His death occurred in faculty meeting, Monday, November 12, 1900.

The following additions have been made to the University faculty:

Richard Fischer, Ph. D. has been made assistant professor of practical pharmacy.

Victor Lenher, Ph. D. has been made assistant professor of general and theoretical chemistry.

James Charles Monaghan, A. B. has been made professor of theory and practice of domestic and foreign commerce.

George Rapall Noyes, Ph. D. has been made assistant professor of English.

Howard Leslie Smith, A. B., LL. B. has been made professor of law.

Albert Willis Tressler, A. B., has been made assistant professor of pedagogy and inspector of High Schools.

Augustus Trowbridge, Ph. D., has been made assistant professor of mathematical physics.

The corp of instructors and assistants has been added to as follows:

Grant Showerman, Ph. D., has been made an instructor in Latin.

George C. Fiske has been appointed to an instructorship in Latin.

Willard Grosvenor Bleyer, M. L., and Michael Glens Cunniff have been made instructors in English.

Otto Edward Lessing, A. B., and Edwin Carl Lothar Clemens Roedder, Ph. D., have been made instructors in German.

ants in chemistry.

Roscoe Hart Shaw, B. S., has been made instructor in chemistry and acting chemist of the experiment station.

Edward Emmet Sands, B. S., has been made instructor in civil engineering.

Charles Howard Burnside, B. S., and Oliver B. Zimmerman, B. S. M. E., have been made instructors in descriptive geometry and also in mechanics and elementary machine design respectively.

Ransom Asa Moore has been made assistant agriculturalist.

Frederic Craneheld has been made assistant in horticulture.

Frank Dewhirst has been made assistant in dairying.

Charles Nelson Peterson and William Goodwin Williams, LL. B., have been made student assistants in the law library and gymnasium respectively.

Besides these additions, we have the following promotions to record:

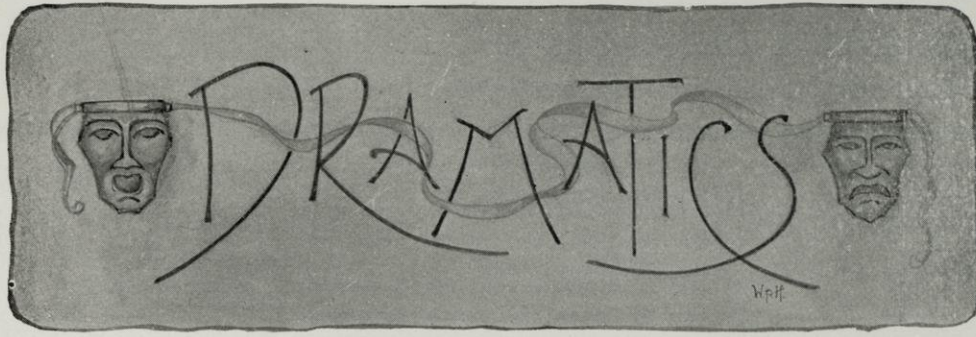
Dean Edward Asahel Birge, of the College of Letters and Science, is now also acting president.

Dr. Babcock has been made assistant director of the experiment station.

Charles Frederick Burgess, B. S., has been raised from instructor to assistant professor of electrical engineering.

William B. Cairns, Ph. D., was promoted from instructor in English to assistant professor.

Miss Lucy Marie Gay, B. L., has



THERE has been during the past year a great increase in the interest felt in dramatics at the University of Wisconsin. It is of course entirely natural that in an institution like this, bringing together so much diversified talent, there should always be present many who are interested in dramatic art. When to this is added the effect of the rare courses offered by Prof. Frankenburger in dramatic interpretation, with the consequent higher appreciation they induce of the classics of expression, the reason why the order of dramatic ability here is uniformly high, is not difficult to see.

The Haresfoot Club.

There are at present two student organizations devoted to amateur theatricals. The Haresfoot Club and the Young Ladies' Red Domino Club.

The Haresfoot was organized some three years ago. Its growth has been gradual and steady. The character of the annual plays presented has been uniformly high, and at present the Haresfoot Club is an institution much more stable and successful than any similar club in the history of the institution. The members of the club now in the city are as follows. Honorary members:

Professors D. B. Frankenburger, C. N. Gregory, J. F. A. Pyre, Messrs John Donovan, C. C. Chittenden, Henry M. Morgan.

Active members: Charles A. Vilas, Walton Pyre, E. T. Fox, Edward Jenner, Clifford Ireland, J. Bartow Patrick, Edwin Snow and Gray Montgomery.

The club is at present actively engaged in preparations for its annual play, the "Colonial Girl" which will be produced at the Opera House Friday February 8.

Red Domino Club.

The young ladies Red Domino Club was organized last year. The debut of the Club was made in the clever adoption called the "Cure for Crushes" which was given in Library hall early in March. The founders and early members of the Club were as follows: Honorary—Mrs. Frank G. Edsall. Active—Misses Jennie Butt, Anna Scribner, Jessica Davis, Nora Johnson, Leora Moore, Henrietta Pyre, Louise Hinckley, Lillian Gamble, Bessie Throne.

The two clubs have worked together with great cordiality and this generous co-operation promises much in the way of progress.

Glee Club Play.

The last year has been especially prolific of amateur dramatic events, which is in some degree a manifestation of the increased interest mentioned. It was recognized early last year when the Glee Club was planning its tour and arranging its programmes that it would be unwise to neglect the literary side of the entertainment, and a short play was decided upon. Prof. J. F. A. Pyre was prevailed upon to write the two-act college farce "The Professor's Daughter," which was given as a curtain raiser to the regular musical program and which proved so popular a feature of all the Glee Club appearances. The little play was brimful of college expression and college situations and gave opportunity for some exceedingly clever work. Messrs Pyre, Patrick, Snow, Ireland, Crosby, Blake and the others who took lesser parts, all scored distinct successes in their respective roles. In all the newspapers notices of the Clubs' entertainments, the enjoyability and excellence of the play were particularly mentioned. It is unfortunate that the musical clubs this year have decided not to give a play as part of their program, although the unusually good musical

material will permit a musical program perhaps better than ever before.

Dramatic Contest.

One of the most efficient of the encouraging influences toward dramatic study is the annual dramatic contest which last year occurred in the early part of May. As was the case with nearly all the work attempted, the pieces ran along the line of modern farce comedy. There were three competing casts, namely: "Mr. X" "Monsieur," and "The Obstinate Family." The program included what was undoubtedly the cleverest dramatic work of the year. The ability evinced by several members of the winning cast was high indeed. Mr. Joseph Davies, as "Monsieur" in the winning piece, although of course his opportunities were greater than the others, carried off the laurels of the evening.

friends an evening's entertainment consisting of a short dramatic and musical program, followed by a reception and dancing party. The program was offered by the University male quartette and by Miss Scribner, Messrs. Snow, Jenner and Pyre.

Class Play.

The class play was the last production of the year. The audience was, as usual, very large and enthusiastic. "Between the Acts" was the play taken and it pleased the audience. Mr. Williams had the leading part in the play. Other parts were taken by Mr. Edwin A. Snow, Mr. Francis Crosby, Miss Jessica Davis, Miss Johnson, Miss King and Mr. Esterly.

The season for dramatics is just at hand and only a prospective view can be taken.

The Red Domino has given with much success the one-act play, "Loan



Professor David B. Frankenburger.

Mr. Clifford Ireland and Miss Henrietta Pyre were excellent in their respective parts. The cast gaining second prize, "The Obstinate Family" owed their success to the cleverness of Mr. D. J. Williams and Miss Jessica Davis the father and daughter of the "Obstinate Family."

It would be desirable, however, if the coming contest might be with pieces of a higher literary merit than those of last year. There are in the classics of the drama, selections over which the time spent, could not help being more profitable.

The Haresfoot Play.

The Haresfoot play, which is now established as an annual event, was the next amateur effort to attract the attention as well as commendation of the public.

"Our Boys," a legitimate comedy by H. J. Byron, was given at the Fuller Opera House May 14. The presentation was altogether creditable to the club. The play was produced under the direction of Mr. Charles Vilas. All male parts in the play were assumed by members of the club. The leading parts were this year taken by Mr. E. T. Fox and Clifford Ireland.

This was not the end of the "Haresfoot's" efforts for the year. Some weeks later the club gave for its

of a Lover," under the auspices of the Self-Government Association. The play is of a type different from those usually attempted here, being a vaudeville. It proved a very entertaining sketch.

The immediate interest just at present is in the next annual production of the Haresfoot club, which is set for February eighth at the Fuller opera house. The play selected, "A Colonial Girl," requires of them not only the payment of an unusually large royalty, but the procuring of elaborate costumes from the east. The staging is promised to be in advance of anything hitherto attempted.

The dramatic contest is anticipated, though the shape which it will take is not known. Interest in this very worthy line of work is not flagging. The number of students electing this work—elocution and dramatics, has greatly increased. At least one hundred and fifty students are pursuing these subjects, and none of the work is required. All students who appear in public are rehearsed by the instructors of the department.

It is expected that the public will this year give the same cordial support to the dramatic programs offered, and not a few interesting features may be looked for.

LADIES' HALL.

By Mary B. Swain.

Ladies' Hall is soon to be a name of the past if the girls have their way, and "The Hall," as it is always called, will have a distinctive title of its own. No name has been decided on as yet, but just as soon as one can be agreed upon, an attempt will be made to carry it through the legislature.

There are eighty-six girls rooming at the Hall and about one hundred and twenty-five are boarding there. The officers of the Hall are Abby S. Mayhew, mistress, and Mrs. Comly, matron. Miss Nellie Fisher acts as Miss Mayhew's assistant. Self-government has taken the place of Regents' rules at the Hall, and the representative body is a house-committee of seven members chosen from the four classes. The present committee are Marie Kohler, chairman, Fern Hackett, Eliza Bartlett, Ruth Heaton, Ada Lloyd, Mabel O'Dell and Lucy Case. Standing and special committees are appointed by the chairman of the house-committee.

The Hall is too young to have any traditions, but many customs have been instituted in the past few years which there is every reason to believe will grow into traditions. The most important institution of the past year is the Hall "Log Book," which was begun with a history of the year 1899. This book is a large ledger, with an unsuspecting looking cover in which a record is kept of all the parties, class-doings, pranks and funny happenings of the year. Souvenirs, sketches and kodak pictures are scattered through it. A committee of five, one member being elected from each class, and a chairman from the Hall has charge of the book.

It has become a Hall custom to give three or four receptions and one formal party during the year. A fancy-dress party is given to all the girls of the University on the eve of Halloween and some entertainment is generally given to celebrate Washington's birthday.

Among the girls themselves some well established customs are the weekly news meeting on Friday evening, when a reporter is appointed to give a summary of the political and general news of the week, and the dancing in the gym for the girls and callers on Saturday evening. A fifteen-minute service is held on Sunday morning at 9:15, after which there is a pretty custom of singing in the rotunda, which the music-loving girls have kept up. Miss Mayhew is at home to all the girls, every Friday and Saturday evening.

Each class has its annual affairs, some of which are handed down to the class below, and some kept by the class who originated them. The Washington's birthday breakfast and the Initiation ceremony of the new girls into the class belongs to 1902. Customs that have been passed on to the sophomores are the annual banquet, the freshman hazing at Halloween and the Christmas entertainment for the freshmen just before the holidays, also the class party of the sophomore girls in the spring.

The rules are rather for convenience than restriction, most important among them being the observance of study hours from 2 to 4:30 o'clock in the afternoon and from 7:30 to 9:30 in the evening, during which hours absolute quiet is expected.

With the coming of the new mistress three years ago, the changes which have made the Hall life more and more homelike and the Hall girls more one family, began. Self-government has made good order a simple matter, and "Hall spirit" has made good times and good feeling the most conspicuous elements of Hall life.

Officers and Board of Directors of Athletic Association.

President—A. A. Chamberlain.
 Vice-President—W. C. Sutherland.
 Secretary—Phil King.
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 Student Members of the Board.
 Arthur Curtis, A. F. Larson, J. P. Riordan, E. B. Cochems, H. J. Peele, A. R. Anderson, Paul Tratt, M. J. Cleary, Thos. Leahy, F. C. McGowan.
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The Football Season of 1900.

By Ex-Captain Chamberlain and Others.

ASIDE from the Minnesota game on Nov. 3, the season of 1900 was about as was expected considering the amount of good material on hand at the beginning of the season. The first call in the middle of September brought together the best bunch of material that ever came to Wisconsin.

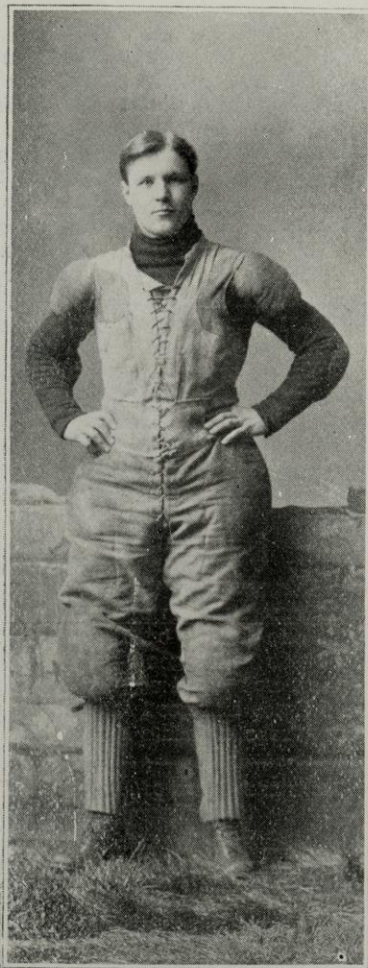
Besides the nine old men there came an unusual lot of new men, who toward the close of the season became united into a second eleven that was but little inferior to the Varsity. With such a uniformly good lot of new men, Wisconsin need have little fear for her team during the next few years. The training began light and continued so for a month, everyone expecting to reach the climax of the season for the Chicago game on Nov. 17. However, two weeks before our Minnesota game, we awakened to the fact that Minnesota was unusually strong and every effort was bent to prepare for the game. But, like the Hare in the fable, we awoke too late and went into the game in fairly good physical condition but with our team work not yet complete. While I believe we could have won with our team at its best, yet as the team was on that day, the result would be doubtful if another game was played.

After that game the work became and reached its highest mark in the much improved, the team developed Chicago game; and while there was not much glory in defeating Chicago as she was this year there was a great deal of satisfaction, especially to the men who have played and been defeated by Chicago, the last two seasons.

Individually, the team, though light in weight, was composed of fast, heady players, whose knowledge of football, thanks to Coach King, exceeded that of most of our opponents.

The fact that not one serious accident occurred during the season speaks well for trainers O'Dea and Temple.

On the whole the season of 1900 was satisfactory and it is to be hoped that the motto "There are no quitters in Wisconsin," will be adopted by



Capt. Arthur H. Curtis.

every eligible first and second eleven man in the University next year, and that the team of 1901 will surpass that of 1900 and land an undisputed title to the western championship.

A. A. Chamberlain.

A REVIEW OF THE SEASON.

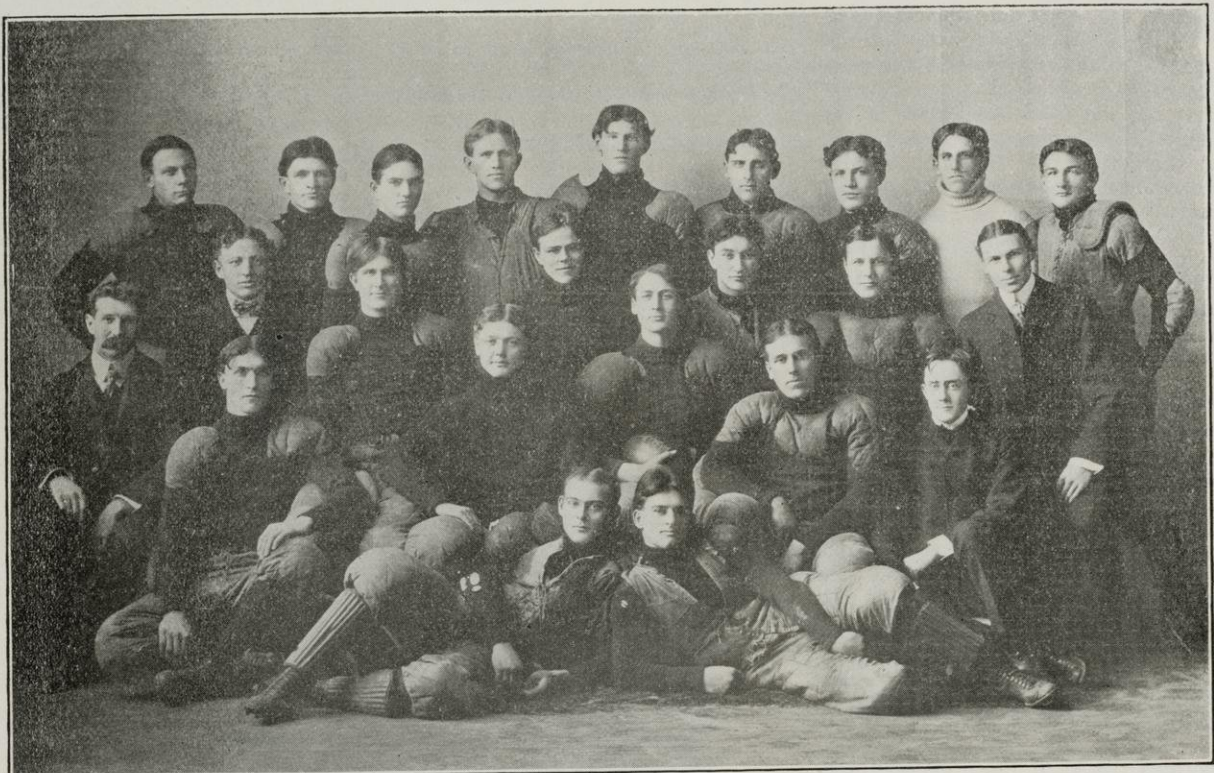
The past season has been disappointing to the majority of the students. With a schedule which seemed only arranged to insure a clear record of victories ending in the defeat of our old rival, Chicago, no one could be found who would be rash enough to predict a possible defeat for the Cardinal, while some were sanguinary enough to give the western pennant to Wisconsin. Such hopes were not altogether as unfounded as they may seem. Never had there been seen such an abundance of fast, heavy material as

were expected to prove one of the hardest propositions of the season. Wisconsin's team work at this stage was woefully poor. Owing to the surfeit of backfield material, Coach King had great difficulty in picking the regular backs, and this slowness in choosing the team accounted to a great extent for the raggedness of the team work. The game resulted as expected. Combined with Wisconsin's poor showing the unexpected strength of the Beloit players kept the score down to 11 to 0; but Cardinal rosters were satisfied that it was no worse.

The team took a decided brace the

with credit. This the members of the team resolved to do. Notre Dame was met and at the close of the game Pat's proteges were left with a goose egg while the cardinal had 54 to its credit.

What had at first been considered the culminating game of the season was now at hand. Chicago was to be met and downed. The memory of the 9th of December of last year was to be wiped out. The team went to Chicago with the determination of at least equalling the seventeen points that were scored against them last year. In this they succeeded. In fact after equalling the five points that the ma-



The 1900 Football Team.

gathered on the field at the start of the season's training. Many of these were veterans of previous years, while all had had some preliminary coaching in the rudiments of the game. Of the last year's team there were nine back and in addition to these "Jerry" Riordan, captain of the championship '97 team, was back in the Varsity and would play his last year. Everything seemed to point to the best team that Wisconsin had ever had.

Early training began in answer to Coach King's call on the 15th of September. A week later the team went against the Madison High School who had been at work for several weeks longer than the University squad. The best that the regulars could do was to score one touchdown while the high school boys were shut out entirely. This game, while hardly satisfactory, demonstrated that there was a wealth of good material, especially in the backfield where there were several candidates between the merits of whom it was almost impossible to choose.

The next week saw the opening of school and as a result several promising candidates were added to the bunch already at work on the lower campus. The game this week was against Ripon College which was overwhelmed by a score of fifty to nothing, their light line proving scarcely an obstacle to the fast backs of the Badger. It was in this game that twelve different candidates were tried in the backfield, over half of whom proved themselves fast enough for Varsity company.

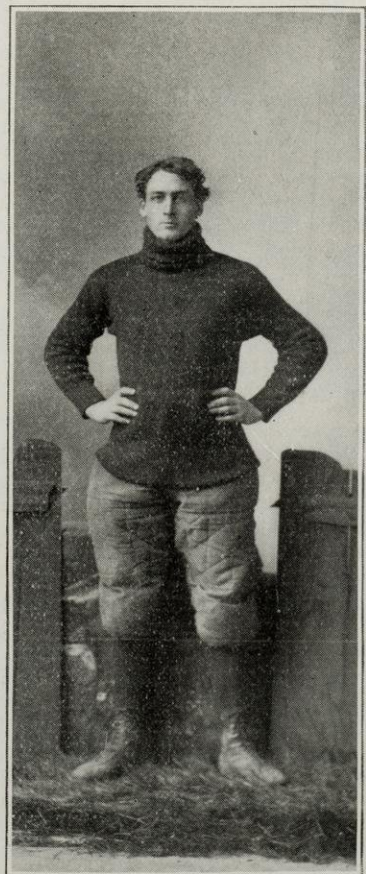
Cardinal supporters were treated to a scare on the next Saturday. The game regularly scheduled with Lake Forest had been cancelled and in order to give the team the necessary practice previous to the Beloit game, arrangements were made to play the College of Physicians and Surgeons of Chicago. The doctors were unusually strong, being composed mainly of ex-college players, and as the regulars had had no hard work in anticipation of such a contest, the best that they were able to do was five to nothing.

Beloit was to be met the following week and with the poor showing made in the game against the doctors they

next few days and on Saturday ran away with the team from Upper Iowa. The real contest that day was to equal or better the score of 57 to 0 made against the same team by the Iowa State University. This was done, six points being added to the Hawkeyes' mark. It was about this time that such a decided change took place in college feeling. During the early part of the season Minnesota had been looked upon as not being especially strong, and no great fear was felt for the result of the game scheduled with the Gophers. Their unexpected showing against Chicago caused this sentiment to swing squarely around. It began to dawn upon the students that Wisconsin was not to have such easy running during her entire schedule, and as the days went by this realization was strengthened by the reports from the Gopher camp. The game with Grinnell was anxiously awaited. Minnesota had made but 26 points against the plucky Iowans and it was plainly up to Wisconsin to better that score. This she did, rolling up a total of 45 to 0. Hope was revived among the students and the fast work of the team showed that Wisconsin would at least be in the game at all sages.

The day for the great game approached. Reports from Minneapolis said that every one was confident of victory and the team was in as good shape as skill and care could make it. The Badgers also were prepared for a hard game. Contrary to expectations the field was hard and quite dry. The weather was cool but bright, just the kind of a day to make a man play the best ball of which he was capable. The story of the game is too well known to be repeated here. Both teams played magnificent football and critics are unanimous in saying the work was the best seen in the west for years. Beaten but by a single point, Wisconsin saw the chances for the western championship torn from her hands. Despite what might be said as to the question of superiority between the two teams, Wisconsin made no attempt to "crawl" but admitted that she had been defeated on a fair field with no favors—by three inches. What was left for her to do was to finish her schedule

rooms made against them they exactly doubled the score of last year. The work of the men in this game was the best of the year. Their line was the traditional stone wall while their offensive work was irresistible.



Ex-Captain Lon Chamberlain.

But one game was now left on the schedule, that with Illinois on Thanksgiving day. This by mutual agreement was played one week earlier than was originally expected. The Illini played a harder game than was expected, while the Badgers showed a lamentable slump. Despite this, the score made by Minnesota against the same team was beaten by a single touchdown. Illinois though deserved a touchdown

and it was only through sheer luck that they were kept from it.

This game practically ended the season. An attempt was made to secure a post-season game with Iowa, but all overtures in this direction were "turned down" by the Hawkeye management. A challenge was received from Brown University for a Thanksgiving game but the players decided that they had had enough for one season and the offer was declined. Although defeated in the race for the western pennant, the exceptional strength of the team was established as an undisputed fact and the '00 eleven will go down in college history as one of the strongest teams that ever represented the institution.

Personnel of Team.

The following are the statistics of the regular team which will undoubtedly be of interest to all the followers of the team. The weights are those taken at the time of the Minnesota game.

Captain A. A. Chamberlain comes from Darlington, Wis., and is eligible

to but one more year of Varsity football. His position is tackle, he is 25 years old and weighs 173 pounds.

Arthur Curtis is a Madison boy. He has played three years on the Varsity and four years on the Madison High. His position is right tackle, his age 19, and his playing weight 175 pounds. He is captain of next year's team.

Jerry Riordan played his last year at the University this year. His position is right guard, his age 25 years, and he weighs 187 pounds. He was on the '95, '96 and '97 teams.

Eddie Cochems has played on the Varsity for three years at end and half. He is 23 years old and weighs 160 pounds.

William Juneau is a graduate of the South Side High School of Milwaukee where he played for two years. This is his second year on the Varsity. His position is right end, his age 21 and he weighs 158 pounds.

Emil Skow was on last year's scrubs and on this year's regulars. His position is center. He weighs 199 pounds, and is 23 years of age.

Paul Tratt was a substitute on the

'96 and '97 teams and on last year's Varsity. He plays quarter, weighs 136 pounds, and is 23 years old.

Earl Driver is also from Darlington. He played half back and substitute full back on last year's team and was full back this year. He is 21 years old and weighs 171 pounds.

W. E. Schreiber is a Madison boy where he played on the High School team. He played full back this year. He is 19 years old and weighs 182 pounds.

Albert Marshall was substitute half of this year. He is 23 years old and weighs 160 pounds.

A. C. Lerum plays right guard. He is 21 years old and weighs 191 pounds. This is his second year on the team.

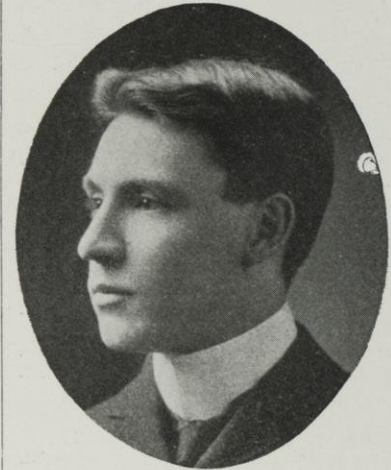
A. F. Larson was on the '97 and '99 Varsity teams as half back. He is 22 years old and weighs 165 pounds.

A. C. Abbott played his first year on the regulars this year. He plays end, his age is 19 and he weighs 169 pounds.

J. L. Doar played in one championship game this year as end. He is 21 years old and weighs 163 pounds.

Wisconsin's track team for the season of 1901 will not be materially weakened by the loss of graduates in the 1900 class. The only men who were in competition last June at the Inter-collegiate meet at Ravenswood Park in Chicago who will not be eligible in the 1901 meet are L. E. Granke and G. Cassells. Of the balance of the team every man has returned and the freshmen class has material that will considerably strengthen Wisconsin in the field events.

Among these H. B. Webster stands out most prominently as a man who has a previous record, and consequently one to whom Wisconsin will look for points when the big meet comes off next spring. His Interscholastic



Capt. Fred C. McGowan.

Track Team Prospects.

By Fred C. McGowan, Captain 1901 Track Team.

WISCONSIN'S showing in track athletics for the past two seasons gives little satisfaction to those who are particularly interested in this department of work. But at the same time, no one is inclined to censure the management in any way. After having an aggregation of stars in H. Cochems, J. Maybury, John Richards, A. Kraenzlein, and E. Waller, whose amusement it was to go to Chicago for a number of years and win out their respective events in a walk, it is not strange that after their departure Wisconsin did not continue to be as successful as in previous years. With their graduation or transfer to other institutions the work of developing another team from entirely new material devolved upon J. F. Moakley, who acted as coach and trainer for the '99 season. That he did not turn out a winning

team, if he proves to be a good one, he retained in charge of the team.

The season following the coaching of Moakley the services of C. H. Kilpatrick were secured, and for the first time in five years a coach of track athletes came to Wisconsin who was to remain for at least two years. Mr. Kilpatrick's team won 21 points at the Inter-collegiate meet last June.

The points were distributed as follows:

Granke, discus-throw, 5; Bredsteen, walk, 5; Schule, broad jump, 5; Cochems, shot-put, 1; Wheeler and Juneau, tied for second in pole vault, 4; Hahn, mile run, 1. Total 21.

Mr. Kilpatrick's work with the team was satisfactory to such an extent that when the question was put to them whether or not they favored his return to Wisconsin, not a dissenting vote was cast.

The recommendation of the team as

There is, unfortunately for Wisconsin records, no authorization by the Athletic Board such as would seem necessary to furnish an absolutely unquestionable list of the holders of Varsity records. This is a question which ought to be settled as soon as possible and doubtless will be taken up by the athletic board in the near future. The list which follows is not an authorized one and consequently is not absolutely correct. It is the best, however, that can be obtained until the board takes action.

100 yard dash—Geo. F. Sherman, '94, 10 1-5.

220 yard dash—J. H. Maybury, '95; F. C. McGowan, '99; E. T. Fox, '99, 22 2-5.

440 yard run—E. T. Fox, '97, 51 2-5. 880 yard run—W. C. Burdick, '99, 2 1-5.

Mile run—J. F. Hahn, '99, 4:32 2-5. 120 yard hurdles—J. R. Richards,

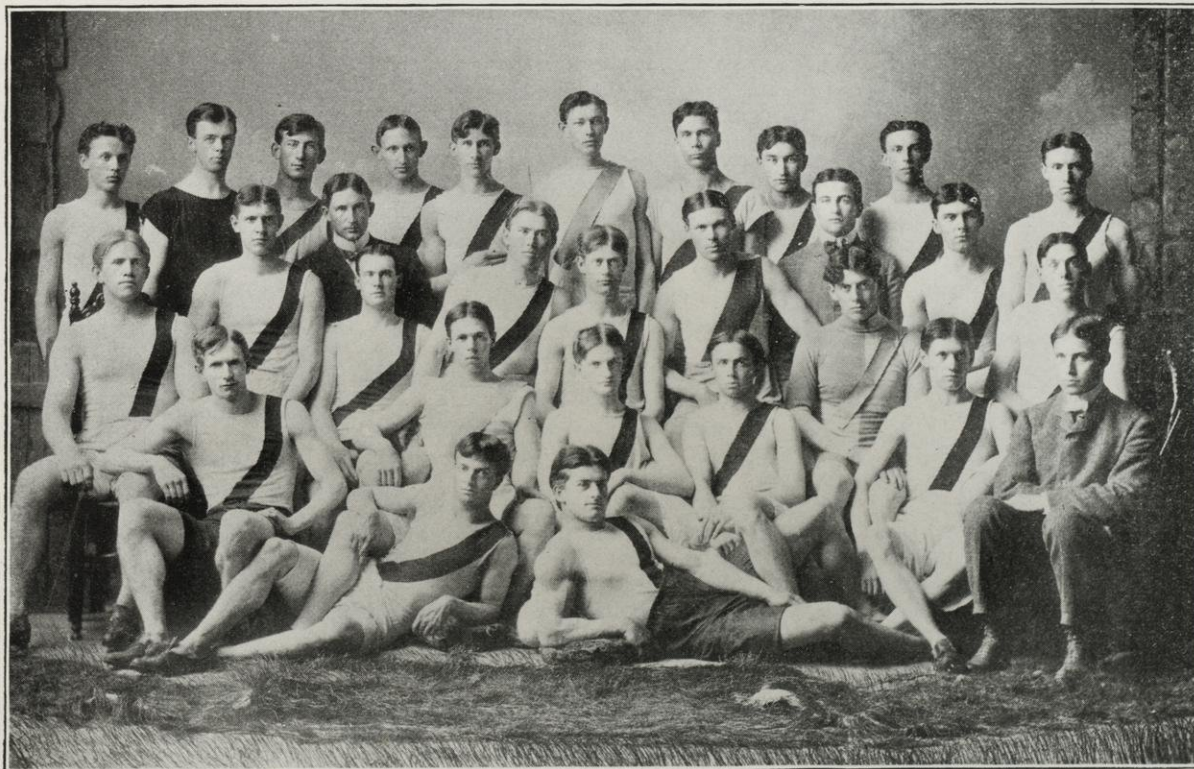
record for putting the 12lb. shot 44 ft. 6 in. made at the Illinois meet last spring will probably stand as the U. S. record for some time. D. B. Cropp is another good man entering Wisconsin this fall, his events being the dashes and the 440. A. C. Abbott, a commercial school student, who played end when the Badger boys wiped that 17 to 0 score off the slate, is also expected to do something in the hurdles and in the high jump. There are undoubtedly other good men in the freshman class who will be brought out by Coach Kilpatrick's system of indoor work this winter. The early meet to be held in Milwaukee under the auspices of the Milwaukee Athletic Association will probably be utilized to "try out" all of the new men who do conscientious work during the winter months.

It is unnecessary to more than mention the members of last year's team, who will train again this spring for their respective events. Of those who took part in the Chicago meet on June 2, there remains as a nucleus Schule, Bredsteen, Wheeler, Juneau, Cochems, Hahn, Burdick, Lerum, Bishop, McFarland, Helmholtz, Young and Senn.

The throwing out of the walk and substituting the two-mile run has made it necessary for ex-Capt. Bredsteen to enter in a new event in his fourth year of college athletics, but the determination that has characterized his work throughout will certainly make him a formidable contestant to any competitor in the meet.

And now just a word in regard to the success or failure of the 1901 track team. It is not the policy of Wisconsin students, nor of the alumni, nor the coaches to say if such and such a thing had not happened we would have won. So in the meet last spring when injuries prevented some of the men entering, there were no excuses to be offered for defeat. Michigan, Chicago, and California all beat us out fairly and squarely because they had better men in competition, and points are won by competition and not by men in the respective institutions who are not competing. So it will be next spring, some of the colleges will have men who are unable to enter, perhaps Wisconsin will be among that number, but if we are, and victory is not ours, let all Wisconsin students be united in the statement that "Wisconsin is beaten," and leave it there. Don't apologize, don't try to hedge. If this is the traditional Badger policy, and it is, may it be one that will go down through the years to come as long as the University of Wisconsin lives.

The more prominent alumni of Princeton have organized a society for the purpose of collecting and publishing all available data bearing on the early history of the nation, and more particularly on the part which Princeton took in the making of that history.



The 1900 Track Team.

team is not to his discredit; star athletes, like poets, are born, not made, and under his term there were no stars in the men sent down to Chicago to go against the pick of the whole middle West. Wisconsin captured less points than ever before in her history and fourteen remains the low water mark in track competition for Badger historians.

Another thing that became evident as a result of the '99 meet is the necessity that the coach of a track team, as well as the coach of the football team and the crew, must be retained from year to year or good results cannot be expected. If Wisconsin expects to return to the position of leader in this department of college activity it is essential that a perma-

communicated to the athletic board was a unanimous endorsement of Kilpatrick's work and a request that he be retained at Wisconsin if possible. His greatest success as a coach was marked in those events in which success would be looked for if it were to come at all, namely in the distance runs. The fact that Hahn in the mile and Burdick in the half were both enabled to lower the Varsity records is proof positive of what our coach has done for these men. The record for the mile is 4:32 2-5 and for the half 2 1-5.

So many differing accounts as to the correct Wisconsin records have been published from time to time that a list would probably not be out of place here.

'97, 15 4-5. 220 yard hurdles—A. C. Kraenzlein, '97, 25 4-5.

Mile walk—Jos. Bredsteen, '99, 7. 1 mile bicycle—J. C. Taylor, '98, 2-30 1-4.

2 mile bicycle—J. C. Taylor, '97, 5-31.

1-3 mile bicycle—C. C. Allen, '99, 47 1-2.

High jump—E. C. Waller, '97, 5 11.

Broad jump—F. W. Schule, '99, 22 2.

Pole vault—A. K. Wheeler, '99, 10 8.

16 lb. shot—H. F. Cochems, '95, 40 3-4.

Hammer throw—C. G. Stangel, '99, 110 4.

Discus throw—C. G. Stangel, '98, 117 9.

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OF THE
University of Wisconsin.

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A FEW FACTS.

The newspaper is one of the most significant developments of our modern life. Into its making go the best mental energies and the best business methods that its publishers are capable of. It reflects more or less truly the thought and sentiment of the community upon which it depends for its existence. It is the great medium of communication and information between different communities.

The college paper is a humble imitator of its more "really, truly" prototype. The regular magazine has its follower in the pseudoliterary monthly publication that almost every institution of learning, from the smallest High School up to the largest university, manages to support. This is perhaps the primary form which college journalism (if we can so dignify it) takes. From this to the weekly, which is apt to present a combination of the literary and news-offering functions, the transition is an easy one.

The highest development which such enterprise takes is naturally the daily paper. The daily is a comparatively recent product of collegiate activity. It is part of the modern rush in educational as well as business lines. It is a significant fact that the most progressive dailies, those most removed from the stilted bulletin-board type, are found in the West.

The making of such a paper involves the expenditure of more time and energy than the average reader has any idea of. The primary requirement is, of course, the covering and gathering of all news. This means that every department of the University has to be specially assigned and watched. Besides this regular duty the reportorial force is subject to assignments of news items in the same manner that a city newspaper partitions its work among the staff of reporters. The difficulty of securing these writeups is often greater than one would imagine, to be the case in so compact a community as a college appears to be.

The news having been gathered, there remains a large amount of office work before the paper is ready to be run off the presses. All copy has to be carefully edited and at least two sets of proof sheets read. The "making up," or distribution of the material as it is to appear in the printed paper, is another important item of labor. The editorial department must aim to reflect as intelligently as possible the general student sentiment. The smallness of the field places serious limitations upon this work.

It is often difficult to determine just how far to imitate the city dailies in methods and mechanical make-up of

the paper without becoming ridiculous thereby. The Cardinal makes it a principle to do this so far as is consistent with good taste. It is not a literary magazine or a bulletin-board but makes an endeavor to give its readers news and necessary information, such as faculty and student notices, as quickly as it is possible to secure them and in as readable a condition as it is possible to put them. Much of the work is done between classes and in the first part of the afternoon and naturally suffers from the hasty manner of its preparation. A most reputable newspaper would not reveal any tremendous differences in this regard. Only the most painstaking comparison with the work upon our most reputable newspapers would not reveal any tremendous differences in this disregard. Only the most painstaking effort suffices to make a daily issue out of the limited character of the field, and to make it anything more than a mere chronicle.

The criticism is sometimes made that the college daily lacks literary dignity. This is no doubt true and, indeed, we could expect nothing else in a publication of such a character. The nature of the subjects and the manner of preparation of the articles preclude any but an occasional attempt to put them into lasting literary form. Then, too, many an apparently grievous offense against the English language is due to the vagaries of the compositor. Not long ago one of these typographical errors caused much perturbation in the mind of a gentleman who searched vainly through the entire English classics for the word which was causing the trouble and finally succeeded in unearthing it in Edmund Spenser. It seems sad that someone's failure to insert that extra syllable should have necessitated so much waste of brain tissue that might have been better employed in more profitable pursuits.

The Cardinal does its best to subserve the functions demanded of it by those to whom it owes its support, and to present, to as great an extent as the nature of the field will allow, a daily newspaper of the best type. With this object in view, it is now in the tenth year of its existence and has become an integral part of University life. Its career bids fair to continue prosperously. And so in the spirit of the time it extends to its readers, through this Christmas edition, its heartiest wishes for continued success in the new year so soon to begin.

Following its regular custom, the Cardinal presents herewith the annual Christmas number. This issue is intended to be more than ever a souvenir edition such as will be representative of the University and its life. In a year many changes occur in such a complex body as a great university. If they have succeeded in making some record, however insufficient, of the marvelous growth and development of the University of Wisconsin, the members of the Cardinal staff will consider themselves amply repaid for the time and labor devoted at a considerable sacrifice to the preparation of this number.

A large number of new cuts and special articles have been introduced into this number in the expectation that they will make it valuable for purposes of reference. New buildings and departments have been exhaustively written up and illustrated, as well as the standard organizations of the University. No trouble or expense have been spared to make this edition as complete as possible. It is hoped that it will be of permanent value.

Football Men Entitled to W.

The following men played in the championship games of 1900 and are entitled to wear the official W: Captain Lon Chamberlain, Arthur Curtis, Jerry Riordan, Ed Cochems, William Juneau, Emil Skow, Paul Tratt, Earl Driver, W. E. Schreiber, Albert Marshall, A. C. Lerum, A. F. Larson, A. C. Abbott, J. L. Doar.

Johns Hopkins University has resigned from the Intercollegiate Lacrosse Association at America on account of trouble with Stevens Institute last spring.

The freshman class at Cornell University proposes to exclude women from the class organization.

Reciprocity on Part of Students.

As our readers peruse these pages we desire to call their attention and appreciation to those who make it possible to publish numbers of this kind.

The business men of Madison and others outside the city have most heartily contributed their support to our advertising columns.

The subscriptions to the Cardinal and the sale of extras would go a very little way toward paying the running expenses of the paper and it would in fact be an utter impossibility to run a college daily if it was not for the patronage of these business men.

The same men who advertise in the Cardinal are the men who subscribe to help out athletics; whose purses are ever ready to furnish prizes for oratory; who subscribe toward fellowships and who in every way possible assist University enterprise. We

feel that these men should receive a return from the student body. It is showing the true college spirit to patronize the friends of the University. We hope that the coming year will see a movement in this direction. If a student is in need of anything, let him consult the columns of the Cardinal before purchasing.

We wish to express our most sincere thanks and hope that our merchants may receive the patronage they deserve.

We wish further to extend our special thanks to our Milwaukee friends who have generously advertised in this issue. They do not come into direct contact with the student body, and their advertising patronage ought to be taken as a compliment to the Milwaukee students at the University, and as a mark of their appreciation of the University and its work.

The following is the list of advertisers.

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Doctor Bros.
Republican House.
T. R. Hannifin.
Spencerian Business College.

UNIVERSITY PUBLICATIONS.

Perhaps at no time has the field of University publications been so well covered as at present. The time and labor spent upon these student enterprises testifies to the interest which they excite and the influence which they exert. The fact that two new ones were established within the last year shows the demand for this sort of activity.

The Daily Cardinal.

The Daily Cardinal is the oldest and largest of them. In its early days it had a tempestuous career but has been for a long time upon a firm basis. It is one of about a dozen similar publications in the United States.

The Sphinx.

The Sphinx is the "funny paper" of the University. It was established year and has steadily gained in standing the popularity. It is similar to the Harvard Lampoon, the Yale Record, The Widow and others. An interesting fact is that both Stanford and Pennsylvania established similar papers at the same time. The board of editors is as follows:

Editor-in-chief, Fred M. Van Horn, '00.
Managing Editor, Eric W. Allen, '01.
Assistant Managing Editor, Mary F. Cunningham, '03.

Business Editor, M. W. McArdle.
Assistant Business Editors, Herbert F. John, '03; Harry O. Winkler, '02.
General Editors, Chas. E. Allen, '99; Mildred A. Castle, '00; Blanche B. Brigham, '00; Joseph Koffend, '00; Zach A. Chandler, '01; Arthur F. Beule, '01; John Wehmhoff, '01; Ralph Rounds, '01; Harvey O. Sargeant, '01; Harry B. Anderson, '01; Jessie Kroehnke, '01; Clara G. Froelich, '02; Mabel Perrin, '02; Robert P. Kraus, '03; Ralph B. Ellis, '04; L. F. Van Hagen, '04.

Alumni Magazine.

The Alumni Magazine since its establishment last year has succeeded in filling with great success a field hitherto untouched in any thorough

manner. It has proven to be very popular with the large army of alumni who desire to keep in touch with their alma mater. Its staff of editors is as follows:

The magazine is the official organ of the Alumni Association and its staff is this year composed as follows:

Editor-in-chief, Charles E. Allen, '99.

University Editor, B. H. Meyer, '94.

Alumni Editors, Florence E. Baker, '91 and Stephen C. Stuntz, '99.

Athletic Editor, George F. Downer, '97.

Undergraduate Editor, Ralph S. Gromann, '03.

Business Manager, Henry M. Esterly, law '02.

The Wisconsin Engineer.

The Wisconsin Engineer is issued semi-annually and incorporates within its pages articles by prominent engineers, theses of senior engineering students, and other valuable matter. The present staff is:

Editor-in-Chief, S. E. Washburn.

Business Manager, Alvin Myers.

Ass't Business Mgr., L. Trehore.

Ass't Business Mgr., A. C. Fricke.

Alumni and Graduate Editor, M. M. Fowler.

Associate Editors, W. C. Berg, H. L. Whittemore, F. A. DeLay, J. A. Manning and A. Quigley.

Besides these purely student publications, an immense quantity of bulletins and other literature is issued by the University itself.

At the International Live Stock exposition at Dexter Park Pavilion Chicago, this year, the exhibitions of the agricultural colleges of Wisconsin, Michigan, Minnesota and Iowa were regarded with great interest by stock raisers. In a number of classes they received, first and third prizes, something never before attained by agricultural colleges.

Minnesota won the prize for the best collective exhibit of livestock at the International Live Stock Show at Chicago last week.

"Aunt Elizabeth's Christmas Present."

Second Prize Story, by Harvey O. Sargeant.



"I've bought every member of the family a Christmas present except Aunt Elizabeth. If you had a maiden aunt, Mary, what would you get for her? Its beyond my brain power." So spoke Alice Harrington to her college chum, Mary Reed.

"Let me see, O, I have just the thing. You know the Browns on Washington avenue; Well, they have a whole family of Angora cats and I think you can get one."

"That's just what she would like, go right down now and see."

"Alright," said Mary. So away they went in search of the cat. The bargain proved easy, and they purchased what Mary thought the sweetest, dearest, little white kitten she ever saw. Alice did not like cats. She had not yet reached the age when women are supposed to dote on the feline kind.

It was the day before departure for the holidays. Gown after gown went into the trunk, and all was ready for transportation except the cat.

"What am I going to do with that cat?" said Alice, as she gazed ruefully at the trunk, which was already too full for closing the lid. "I can't take it."

"O yes you can," replied Mary, "we will fix him up nicely in a box and you can carry it in your hand."

"What! I travel on the train carrying a cat! They would take me for the advance agent of a menagerie. I'm not so fond of cats as all that."

"O! I have an idea," said Mary. "You remember the box which our silver tea kettle came in. It has a big label marked 'solid silver.' We can put the cat in that and people will think you have been buying a present for your mother."

"O Mary you are always equal to anything. Aren't you?"

So the box was brought and a few small holes punched in the cover, preparatory to pussy's departure.

The following day, the girls kissed each other good-bye, and boarded their respective trains.

Alice Harrington took the only vacant seat in the car, and put her silver box beside her. Now Alice was not ill favored. She had been blessed with what the world calls beauty. And a little expression lurked about her mouth which said, "Admire me if you want to; I don't mind."

The car became more crowded and soon Mr. Stoughton came down the aisle. Alice had met Mr. Stoughton at the last military hop. Such a dancer! It was just like a dream to waltz with him. He was coming right down to her.

"How do you do, Miss Harrington," he began. "I suppose you are glad to be going home. You don't mind if I share this seat with you, do you?"

"Certainly not, Mr. Stoughton. I shall be glad to have some one to talk to. Yes, I'm just sick of bucking."

Things had become settled in the car and the train was under way. Not a few people looked around to see the pretty girl and the interesting young man.

The box was now transferred to Alice's lap.

"Some one must be going to have an addition to their tea set," remarked Mr. Stoughton. "Silver seems about the only thing you can get for mothers anyway. I suppose you did not dare put it in your trunk."

"No," replied Alice, hesitating, "it jams so easily," already wishing the box in the bottom of Lake Mendota.

"Didn't you think it was awfully crowded at the hop the other night, Mr. Stoughton," she continued.

"Yes," he replied. "Some one was on my feet most of the evening. Can't I put your box upon the rack for you?"

"No thank you, Mr. Stoughton, I'm so afraid it will get jammed."

Just then there was a stir in the box and a wail. Miss Harrington turned many colors. The people smiled very much, and one freshman in the seat behind smiled out loud. Mr. Stoughton seemed to have a very bad throat, and thought he would

hunt up the news agent and see if he could not get some cough drops. He was evidently so afraid of taking more cold that he pulled up his collar very high as he went down the aisle.

Poor Alice still blushed and looked out of the window. She wished the cat would die in the box.

The train sped on. It seemed to Alice as if she had travelled hours. Everyone in the car was looking at her, she knew. Would they never get to Chicago!

They did get there finally and Alice lost no time in leaving the car. She must wait an hour before she could get her train. She went within the depot, set down her burden on a seat and then went to see about rechecking her baggage. She was gone but a few minutes and was just reentering the room again when she saw a man gazing at the label on the box. He looked about him for a moment, then picked it up and started for the door.

Although poor Alice wished the cat at the bottom of Lake Mendota, her first impulse made her cry out, "My box, my box! That man has got my box."

time but I'm sorry for the cat. Your brother John bought Aunt Elizabeth a black and tan terrier yesterday. I'm afraid there's trouble ahead."

"I hope he tears the miserable cat all to pieces, I do!" ejaculated Alice.

They soon drove home, and O what a kissing, and welcoming there was. Mamma and John and sister May and Aunt Elizabeth with a black and tan terrier at her heels.

"O, Aunt Elizabeth," cried Alice, "I've brought you a present, but I hope that dog will kill it dead!"

Amid the sorrowful tale of Alice and the exclamations of the rest of the household Aunt Elizabeth opened the box.

"O you dear little fluffy thing!" said Aunt Elizabeth.

Just then the terrier jumped up into her lap. Pussy swelled double. Then there was a commingling of black yellow and white. It ended up however by the terrier taking refuge under the couch.

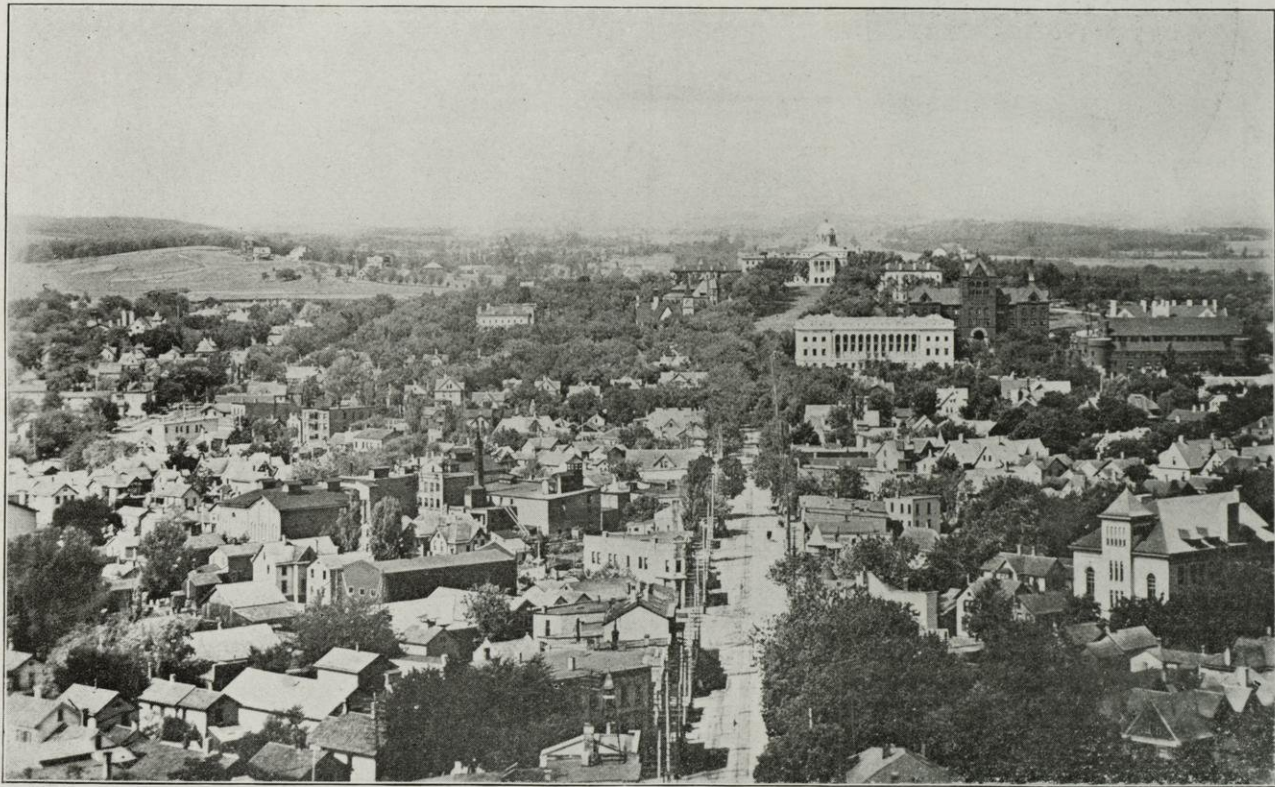
And who shall say that Aunt Elizabeth did not spend a pleasant Christmas in teaching peace and good will to her new family.

bett, chairman; Carl F. Stillman, Patrick J. Kelley, John V. Brennan, Michael B. Olbrich, Milan R. Bump, Henry L. Janes, Sanford P. Starks, Robert M. Davis.

Since bull fighting was stopped, the Cubans have taken kindly to American sports. There was an exciting game of baseball at Santiago between Cuban and American players and although the Americans had several ex-League players on their team, their winning score was only 8 to 4.—Brown Daily Herald.

A silver loving cup has been presented to the University of Pennsylvania by the students of West Point and Annapolis to show their appreciation of the aid of Pennsylvania alumni in obtaining permission for the academies to resume athletic relations.

Supt. Bell of the Racine schools, has placed himself on record as being in favor of football as a means of exercise and is opposed to the elimination of football from the list of athletics.



The University from the City.

A policeman just coming up took in the situation at once and made a run for the man. The thief in his haste to get away, dropped the box on the stone floor. It cracked open and out ran the cat. The policeman stopped and there burst into a laugh, then all the people laughed.

Alice looked the image of woe. The woeful expression was becoming to Alice. Who would not help a pretty woman in trouble?

A nice young man, the policeman and a messenger boy united in their efforts to recapture the cat, which they finally did. The box was tied together again and restored to its blushing owner, who thanked them all, but who could have slapped everyone of them for grinning if she had only been a man.

Fortunately it was time for the train and the unhappy girl again went aboard but this time she covered up the box with her jacket and collar. And, O, the joy that filled her heart when the brakeman called out her home station.

Papa of course met her at the depot. "Why Alice, what's the matter," he began as he saw the tears in his daughter's eyes.

"Here papa," she said, "I wish you would take this box and throw it in the river. I bought Aunt Elizabeth an Angora cat for Christmas, and it has made people laugh at me, and I lied, and everyone has eyed me all the way from Madison."

The father took the box and then listened to a more detailed account of the troubles and he too began to laugh.

"Well, Alice, you have had a ha.d

The Badger.

The Badger has a distinct place in the life of the University. It is an annual published by a board elected from the Junior class and besides matter of a statistical character consists of literary matter of various kinds, mainly humorous, illustrated copiously with photographs and drawings. It ranks high among the publications of a similar character among the colleges of the country. The present board, from the class of 1902, consists of:

Chairman—J. Bartow Patrick.
Business Manager—Walter F. Mabbett.

Secretary—Nora B. McCue.
Literary Committee—Wm. F. Moffatt, chairman; Ida Elliott, Mary B. Swain, Agnes Merrill, Nora B. McCue, Marie G. Hinkley, Sarah J. Seeber, Dwight E. Beebe, Robert M. Davis, Guy E. Diehl, John V. Brennan, William E. Smith and Victor D. Cronk.

Art Committee—Nora B. McCue, chairman; Carl B. Mutchler, Dwight E. Beebe, Mary B. Swain, Geo. A. Scott, Ida Elliott, Jennie B. Sherrill, John H. Williams, Bernice M. Ballard, William E. Smith.

Chronicle Committee—Carl F. Stillman, chairman; Agnes Merrill, Patrick J. Kelley, Sarah J. Seeber, Michael B. Olbrich, Bernice M. Ballard, Geo. A. Scott, Merle S. Pickford, John H. Williams, Jennie B. Sherrill.

Photograph Committee—Victor D. Cronk, chairman; Guy E. Diehl, Marie G. Hinkley, Merle S. Pickford, Sanford P. Starks, Milan A. Bump, Henry L. Janes.

Business Committee—Walter F. Mab-

Professor Sober's Library.

The library of the late Professor Sober has been purchased and presented to the University, and the books are now on the shelves. Some of his friends, desiring to see a memorial of him left in the University he loved and served so well, raised a fund for the purchase of his books. In this way about two hundred volumes have been added to the library of the classical department. The list of contributors to the fund includes many of his colleagues on the faculty and former students, and numbers about sixty.

The books as they stand on the shelves are marked by a card bearing in addition to the library number, the words:

From the Library of
HIRAM ALLEN SOBER
Purchased and Presented by Friends.
HIRAM ALLEN SOBER

Born near Ypsilanti, Mich., 1863. A. B. (Michigan) 1886. Instructor in Latin, University of Michigan, 1891-93. Instructor in Latin, University of Wisconsin, 1893-94. Assistant Professor of Latin, University of Wisconsin, 1894-1900. Died at Davenport, Iowa, September 10, 1900.

This opportunity is taken by those who have had the matter in charge to thank the many friends who have so gladly responded to the first suggestion and made possible the purchase of the books.

Minnesota held her annual banquet to the football team of 1900 at the West Hotel on the evening of Dec. 7.

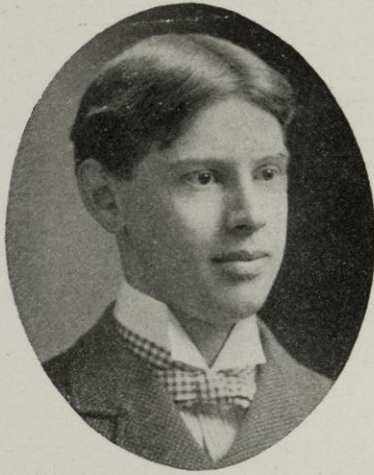
"Our Sturdy Wisconsin Crews," And Their Invasion of the East.

By Ex-Capt. Andrew R. Anderson and Coach Andy O'Dea.

IT is rather late now to review the boat races that took place on the Hudson last June, but the accounts then printed were for the most part so inaccurate and unreliable, and betrayed such a lamentable lack of knowledge of the most elementary principles of rowing that a few words now may not be amiss.

The Varsity crew that represented Wisconsin on this occasion was unquestionably the most experienced that ever represented the institution, every man, with but one exception, rowed on former Varsity crews.

In the bow was Alexander, elected captain of the '98 crew, who resigned that position to enter the war, now rowing for his fourth year, and un-



Andrew R. Anderson.

questionably the best bow our Wisconsin ever had.

At No. 2 was Street, who served in the navy on the "Castine" during the war, also a veteran.

At No. 3 was Herrick, who distinguished himself by winning a seat in the boat without having had previous experience.

At No. 4 was Welsh, the biggest man that rowed in any of the crews, and who was characterized by the New York papers as the "Colossus of the West."

At No. 5 was Gibson, who has rowed longer and in more races than any man in the boat, and whom the Milwaukee Sentinel discovered to be "a promising youngster."

At No. 6 was Sutherland, rowing his fourth season, who captained the '99 crew, and whose rare good judgment guided the department through that trying year.

At No. 7 was Capt. Anderson, holding down that position for the fourth year.

And stroking the crew was Williams, whose unequalled grit, coolness and general head work marks him as the best stroke oar that ever sat in a Wisconsin shell.

Along with this Varsity crew came a freshman crew that was even more remarkable, and that outclassed all its competitors, and that can be justly compared only to the freshman crew that represented Yale in 1897. To those who were on the "inside," the outcome of the freshman race was never in doubt.

Not so the Varsity race. For although Georgetown and Columbia were never seriously considered, it was on every hand agreed that in the contest between Pennsylvania, Wisconsin and Cornell, no quarter would be given. A comparison of the three, therefore, may be helpful.

Cornell's form was by far the best, in fact it was well-nigh perfect, and with good endurance ought to win. In endurance, Pennsylvania and Wisconsin were practically equal, and both were physically superior to Cornell. Yet in form they were both inferior to the Ithacan, and then, too, Pennsylvania had a little the better of the argument, as the rough weather had prevented Wisconsin's form from becoming finished.

On the day of the race, June 30, the wind was blowing harder than ever, but towards evening it quieted down and finally preparation was made to start the Varsity race as the water along the west shore was well pro-

ected and comparatively smooth. Georgetown was the first to appear and the wicked critics remarked, "the first shall be last." Then in quick succession came Columbia, Wisconsin, Pennsylvania and Cornell, and when the referee had shouted his brief instructions, all was ready. When shortly before seven o'clock the pistol was fired, the crews jumped away, Pennsylvania catching the water first, then Cornell, then Wisconsin. At the half-mile Cornell by a superb exhibition of watermanship, had captured the lead from Pennsylvania, and shortly after Wisconsin forced Pennsylvania from second place. Georgetown was still a good fourth, but Columbia was hopelessly in the rear. While the others were rowing not less than thirty-four to the minute, Wisconsin had dropped the stroke to thirty-two, that slow but powerful stroke which had proved so effective a year ago, and when the mile post was reached, Wisconsin was tied for first with Cornell. Pennsylvania, however, hung gamely on half a length behind the leaders. From the shore it looked as if they were tied together by an electric cable, which refused to let them get as much as a length apart.

The story of the race for the next two miles is one of tremendous effort by each of the three crews to open up clear water and kill off their competitors. In the third half mile Wisconsin captured the lead, but Pennsylvania by spurting "twenty" every half mile was beginning to overhaul Cornell. While these three were racing, the other two were rowing. It did not seem possible that the three leaders could remain bunched much longer, but at the two mile mark their great aquatic puzzle was no nearer a solution than it had been at the beginning. At two and a half miles a change was noticed. Pennsylvania had captured the lead, but Cornell, rowing magnificently was threatening to overhaul them, and at this point looked sure winners,

her No. 3 caught a crab, and before they had gotten together again, Wisconsin had passed them and was a quarter length to the good. The contest now began in earnest, and it seemed that up to this point the work had all been child's play. Both captains gasped their orders for a spurt. Wisconsin raised the stroke from thirty-two to thirty-five and Pennsylvania from thirty-five to thirty-eight. Ordinarily spurts last only for ten or twenty strokes, but this was a spurt that lasted without intermission to the end. Inch by inch Pennsylvania recovered the lost quarter length and the race was becoming more desperate than ever. The seconds began to seem like hours. Neck and neck the two came down the stretch and when they crossed the line it looked from the observation train like a dead heat. This view however was misleading, and it proved that Pennsylvania had half a length to spare. Thus ended what was undoubtedly the hardest fought race, and the most gruelling finish ever seen in America.

Meanwhile, as Cornell struck the swells, there was a catastrophe. It was as if their shell which had been running so smoothly all the way had suddenly run into a sandbank. Their stroke wavered his oar wildly in the air, then No. 7 caught several crabs, and in a few seconds they were out of it, and saved third place for themselves only with the greatest difficulty. Columbia rowed the last two miles better than the first two, and accordingly took fourth place away from Georgetown.

Official time: Pennsylvania, 19:44 3-5; Wisconsin, 19:46 2-5; Cornell, 20:04 1-5; Columbia, 20:08 1-5; Georgetown, 20:19 1-5.

It is here to be noted against all accounts given at the time, that Wisconsin rowed a much lower stroke than any of the others, rowing thirty-two except at the start and the spurt at the finish. This fact so deceived

from which to draw, especially last year's freshmen crew intact, to whom we look to uphold Wisconsin's prestige, and complete the work they have so auspiciously begun.

ANDY'S CRITICISM.

A review of the boating season of 1900 cannot fail to be a source of pride and pleasure to any Wisconsin man worthy of the name. Marking as it does Wisconsin's accomplishment of the highest effort known to the college boating world, viz.: the training and equipment of University and Freshman eight-oar crews, and sending those crews the longest distance ever traveled in this country, to do battle for old Wisconsin against admittedly the strongest aggregation of college crews ever collected. The result is ancient history, but not so ancient that it has been forgotten by Wisconsin men. That magnificent but unsuccessful effort of the 'Varsity in the hardest fought eight oar race over four miles ever rowed, will long remain to be spoken of with pride by those who were privileged to witness it. As one very excited Pennsylvania man said to me just after the race, his face still pale, and his color slowly returning, "I want to say, Mr. O'Dea, that Wisconsin crew is just as good as ours. It was any one's race right to the finish. Allow me to congratulate you, sir."

The Freshmen, after witnessing the defeat of their elders, went out and made one of the very best races I have ever seen. They had not much to cheer them on, but they had a grim determination to do or die, and their efforts have gone to mark a very bright page in Wisconsin's boating history.

These are the kind of boys we want, and so long as more of that calibre come to Wisconsin there need be no fear that Wisconsin will be disgraced. She may be defeated in time; one college has no monopoly on events like these. At any rate we can trust Wis-



'Varsity Crew 1900.

consin's honor in their hands and abide by the result. So much for a little hero worship. The boys deserved it. Now to a much more unpleasant topic.

It may not be generally known, but it is a fact nevertheless, that the entire student subscription amounted to less than \$200.00. This in a college of two thousand students is little short of disgraceful. It is hard to say this, and perhaps to some it will be a matter of regret that the facts render it necessary. I know Wisconsin is not what one could call a wealthy college, still I am sure there are scores of boys who can well afford more than 20 cents to support such crews as represented Wisconsin last year. Those boys who trained hard and conscientiously deserve better of their fellow students, and when one considers that other

as they were gliding along without apparent effort, with perfect rhythm and form, while Wisconsin, apparently weakened, had allowed their swing to shorten somewhat and was in third place. The Westerners, however, were not whipped yet, but as they went under the sky-scraping cantilever bridge, which marks the third mile and the beginning of the end, they had rallied to such an extent as to have passed Cornell and to be only a quarter length behind the Quakers.

In the meantime a large steamer had come up the river, unhindered by any of the revenue cutters and throwing a series of tremendous swells straight athwart the course. Wisconsin was the first to encounter them, and passed over without a hitch, but Pennsylvania was less fortunate or less skillful, as

the writer in Collier's Weekly, that he said that Wisconsin did not use up their strength as they should have done, as they seemed to be a comparatively fleet crew at the finish. The low stroke is also mentioned in the statement of Pennsylvania's coxswain, who says: "I thought we were whipped sure. We were rowing nearly forty, and our oars were going in chop, chop, chop, —; then I looked over at Wisconsin, who seemed to be totally unconcerned, rowing away leisurely at thirty-two. Why they were apparently taking it so easy that they did not seem to be working at all."

The outlook for Wisconsin rowing for the coming season is exceedingly bright, for although most of the old men are gone, there are other sources

consin's honor in their hands and abide by the result. So much for a little hero worship. The boys deserved it. Now to a much more unpleasant topic.

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rowing colleges would only be too glad to support handsomely such crews as represented Wisconsin last year, it seems that there is just a little self-reproach coming to those who neglected to do their duty by the crew. There was a time, not so long distant, when the student subscription furnished almost the entire fund for the crew. Now it seems when outside help is increasing, home contributions are sadly diminishing. This is a matter of sincere regret, and we hope to see a change during the ensuing season. We cannot expect the alumni to help us when we fail to help ourselves. If we do the best we can, the alumni will surely and gladly do their part.

One loyal alumnus to whom we owe much is Mr. Cole of Milwaukee. He certainly is deserving of the best that Wisconsin men can say of him. He contributed largely and worked heroically, and we pay him this small tribute which seems to be woefully inadequate.

Our prospects for next season if we judged them by the number of men missing from their accustomed places in the boat, would be blue indeed. And although we regret the necessity

necessary to weed out the material. The work will be started on the machine, and finished in the rowing tank preparatory to going on the water.

Just a word of advice to Freshmen before I close. Conditioned students are not allowed to compete as members of either crew. So in your anxiety to make the crew, don't neglect your studies. That operates just as powerfully against you as unsuitability in the boat.

Coach Andrew M. O'Lea.

Comments on the Race.

Outing: Such a ding-dong finish as that between Pennsylvania and Wisconsin has never been witnessed over a four-mile course in America—it is doubted if it was ever duplicated anywhere.

N. Y. World: The most desperate battle that rowing men ever saw on this side of the world.

New York Herald: Five crews rowed; three crews raced. That is the story of the competition in a nutshell. The story of the contest is quite different. As Yale and Harvard surpassed all other regattas on the Thames in their recent great struggle

S. C. Lounsbury, '01, sub 21 6.00 160
Averages. 21 5.11½ 164¼

Wisconsin Freshmen.

Bow—H. W. Werner. .21 5.09 150
2—W. K. Murphy. .19 6.00 142
3—D. Trevarthen . . . 18 5.08 156
4—R. G. Stevenson . . . 22 5.10 168
5—C. H. Gaffin 20 6.00 166
6—L. H. Levissee . . . 20 5.11 161
7—J. A. Armstrong cap. 21 5.09 152
Stroke—A. J. Quigley. 23 5.08 142
Averages 20¼ 5.09½ 154¼
Coxswain—T. F. Sawyer 20 5.09 123
L. A. Williams was elected captain of the 1901 Varsity soon after the race. Williams has stroked the Varsity for the last two years. He rowed No. 2 on the '98 Varsity eight.

Record of the Crews.

University race, four miles, contestants, Pennsylvania, Wisconsin, Cornell, Columbia and Georgetown. Conditions. Rather brisk northwesterly wind, fairly strong ebb tide; rowed at 6:55. Pennsylvania won. Time 19:44 3-5; Wisconsin second, 19:46 2-5; Cornell third, 20:04 1-5; Columbia fourth, 20:08.

organized three years ago, Walter P. Hirschberg being captain. Several games were arranged for and played, the team meeting with indifferent success. Last year two games were played, one with Wayland Academy and one with Minnesota. In the former game the Badgers were successful but went down in defeat before the University of Minnesota.

This year games will probably be arranged with Wayland Academy, Lawrence University, West Superior Normal, Armour Institute and University of Minnesota.

Practices are held on Wednesday, Friday and Saturday of each week under the direction of Dr. Elsom and Captain Hirschberg. The prospects for a good team this year are especially bright, all of last year's team being back together with many new men.

The ladies' basket ball teams are again at work. Last year teams, representing the freshmen and sophomore classes, met in a game at the ladies' gymnasium, which resulted in a victory for the sophomore class. This year an effort will be made to organize teams representing each of the classes and to have games between them in order to establish a class championship. No ladies' team representing the University will be organized, owing to the restrictions of the faculty.

The Military Band.

The organization is this year composed as follows:

Officers: Leader, L. D. Williams, '01, solo cornet; President, A. C. Ehlman, drum major; Secretary, W. H. Barber, '01, solo alto; Treasurer, M. R. Bump, '02, first tenor.

Other members—J. B. Andrew, law, '02, second alto; T. W. Andersen, '04, third alto; C. G. Austin, law '02, tuba; J. P. Burns, sp., clarinet; R. O. Bowman, law '01, second tenor; M. Cleveland, law '03, tuba; H. E. Clausen, '04, cymbals; C. O. Dawson, sp., clarinet; H. W. Dow, '02, first cornet; R. C. Fairbank, law '01, clarinet; G. O. Fortney, '02, solo cornet; R. N. Foster, '03, baritone; R. H. Gilfillan, '04, clarinet; G. Husting, law '03, first cornet; C. J. Kutzke, solo cornet; A. A. Kasberg, '03, solo cornet; L. H. Lathrop, '03, second cornet; F. C. Marvin, '03, clarinet; H. S. Peterson, '01, solo cornet; W. B. Philbrick, '04, snare drum; A. W. Quan, '04, first alto; F. Rodger, law '03, cornet; A. Rollman, '01, snare drum; R. Saxton, '03, piccolo; Harvey Sniweley, '04, piccolo; R. Sharpe, '03, bass drum; H. L. Dessert, '03, first cornet; W. M. Baxter, '04, saxophone or clarinet; J. L. Bingham, '03, second clarinet; Albert Hinn, '04, solo cornet; R. T. Jackson, '04, first cornet; W. J. Rowe, '03, second cornet; J. A. Stewart, '04, piccolo; R. C. Disque, '03, slide trombone; Robert Ewald, '04, clarinet; Louis A. Burns, '04, slide trombone; C. W. Van Doren, acad., baritone; E. Darling, M. H. S., solo cornet; O. B. Dahle, '02, saxophone; G. A. Scott, '02, clarinet.

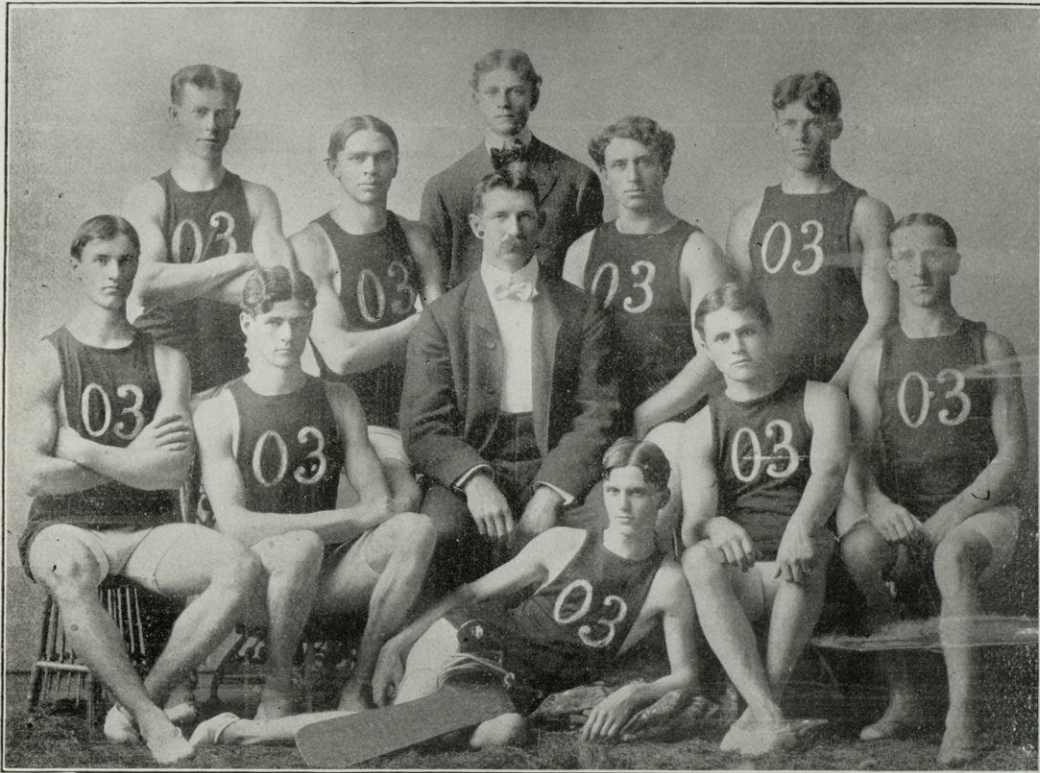
The Co-operative Association.

The University Co-operative Company, which was founded in 1892, is this year more prosperous than ever. When the original articles of incorporation were filed there were 200 members. Since then the membership has steadily grown until last year there were 1294 members. This year, however, there are over 1700 stockholders. The sales for 1897 were \$8,000; for 1898, \$13,000; for 1899, \$16,200; and last year the sales amounted to \$29,303.78. This year the business bids fair to increase even more than last year.

During the last year the Co-op paid \$1602.33 in rebates to the active members, the rate in merchandise being 12½ per cent. and in cash 10 per cent. T. S. Morris, the present manager, to whom the success of the business is largely due, has resigned to take up other business interests. His successor is not yet known.

Several changes have been made in the college buildings at Harvard. Over a thousand electric lights have been fitted at Austin Hall, to replace the Welsbach gas lights which have proved unsatisfactory.

Dr. Lyman Abbott has been chosen to serve another term as University preacher at Harvard.



The Crack 1903 Crew.

that compels us to look for new material, still it is not without hope that we look to the aspirants for places in the 1901 boat. We lose Sutherland 6, Anderson 7, Alexander B, and Herrick 3 by graduation. Welsh 4 has taken up his studies at Northwestern Dental School and Street 2 has not returned to college. Dillon, cox, has also graduated. Gibson 5 and Williams, stroke, are the only old men left. To fill these places we have the entire Freshman (1903) crew, together with Varsity substitutes, Lounsbury and Moffatt. The crew promises to be lighter but that will be no detriment. The men were gotten out in the fall and tried out for the Varsity positions. Some good work was accomplished, and the crew certainly was fast for a distance. If they can go the entire course as satisfactorily as they accomplished the shorter route, Wisconsin will certainly have a crew quite up to her average.

The Freshmen, 1904, are not a big lot in comparison with 1903, although there are some big men among them. They, however, seem to possess the right spirit, and that reinforced with the usual complement of arms and legs should produce a good average crew. There is a disposition to keep the 1904 crew in Madison for their race against St. Johns, for the reason that Madison is entitled to any race which it is in our power to have held here, and from the fact that if the Freshmen prove good enough, they may be taken with the Varsity crew. And too many trips are apt to interfere with their studies.

Freshmen, who have not up to date tried for the crew, will be called out immediately after the holidays, and started in to work in the gymnasium under the candidates for coxswains as squad leaders. Two weeks later the entire squad will be called out. Then all will work together until it is deemed

at New London, so Pennsylvania, Cornell and Wisconsin made new history for racing on the Hudson.

Chicago Times-Herald: The varsity race was certainly the hottest and most exciting ever seen on the Hudson River, with a quarter-mile finish that was fairly hair-raising. For fully three-quarters of the long four-mile stretch on the Hudson, Pennsylvania, Wisconsin and Cornell were practically on even terms. When these three great crews passed beneath the bridge the Quakers were slightly in the lead, but either of the other two were within spurring distance of the van, and the struggle had been so heart-breaking that no one would have been surprised to see all three eights weakened perceptibly on the home stretch.

New York Journal, before the race: The eastern men are all at sea about Wisconsin. Their tumultuous work of last year gave the easterners a wholesome respect for the kind of muscle that develops in the lumber country, and though they stand around the hotel lobbies and declare that the lumbermen do not keep their boat steady, that their body swing and water stroke are too long, and that their progress is a succession of jerks and splashes, their most anxious looks will be focussed on the cardinal of Wisconsin when the gun goes off tomorrow.

STATISTICS OF THE CREWS.

Wisconsin Varsity.

	Age	Height	Weight
A. P. Alexander, '00, bow	24	5.08	152
L. C. Street, '01, 2	23	5.11	156
W. K. Herrick, '00, 3	22	5.11	152
S. C. Welsh, '02, 4	20	6.02	182
W. J. Gibson, '02, 5	22	6.02	176
W. C. Sutherland, '00, 6	20	5.11	170
A. R. Anderson, '00, cap.	7	22	6.00
L. A. Williams, '00	22	5.11	152
J. G. Dillon, '00, cox	21	5.03	106
W. F. Moffatt, '02, sub.	20	5.11	160

TAU BETA PI.

Tau Beta Pi was founded at Lehigh University in 1885, and has since entered Michigan State Agricultural College, Purdue, Stevens Institute, the University of Illinois, and in 1899, the University of Wisconsin.

Like Phi Beta Kappa, it is a fraternity of brains, the qualifications for membership requiring high scholarship as well as good fellowship. The object of the society is thus to confer some distinction upon those who have done good work in their collegiate course.

The contingent of regular members from any class is elected in two installments; the first one-eighth of the class is eligible after completing the first semester of their junior year; the next eighth at the beginning of the senior year. In addition,—the student who led his class during the first two years is eligible at the beginning of the junior year.

The present membership is as follows: Faculty.—Storm Bull, Frederick E. Turneure, Bernard V. Swenson, Dugald C. Jackson, Nelson O. Whitney, Edward R. Maurer, Charles F. Burgess, John G. D. Mack, Budd Frankfield. Graduates: Myron M. Fowler, Lynn A. Williams, Carl Ham-buechen.

Seniors: Arthur C. King, Nathaniel L. Hurd, Russell J. Hawn, Lewis D. Rowell, Alfred Rollman, Harry A. Severson, Le Roy Salsich, Frank E. Washburn, Fritchjof Vea, Henry H. Wood. Junior: Carl F. Stillman.

BASKET BALL.

Basket ball as an indoor sport is becoming more important each year in the various colleges. Nearly all of the eastern institutions are represented by such teams and the western colleges are beginning to adopt the idea. The first basket ball team at Wisconsin was

"Dowager Empress of the Seas."

The Story of the Trial Trip of the Battleship Wisconsin.

PERHAPS the only really complete write-up of the trial trip of the new battleship "Wisconsin" on October 15, in San Francisco bay, appeared in the Sunday Sentinel, Oct. 21. Charles Tenney Jackson in this number contributes an article which certainly deserves the kindest comment from the severest critic—inspiring, graphically told, it is sure to instill into the hearts of the people of the "Badger" state a love for the Wisconsin, that "monument of western skill and labor."

"To realize the wonderful trip, one must be in the fighting top, at 18.54 knots an hour and see the wall of milky, beady water twenty-five feet high and sixty broad hurled from either bow or in the engine room to watch the pistons beat through the fine mist of flying oil and water that hides the glistening bodies of the en-

gine men like rising steam." was not until the tumultuous welcome in San Francisco harbor broke upon us that the significance of beating the world's record was apparent.

"The day was lowering with a dash of rain on the south-west swell, and a thirty-mile wind. Admiral Kautz and the Trial Board stepped on deck. The "Wisconsin" then spun out ten miles to make sure that all the shore beacons could be sighted, and then twenty or thirty miles more to get every gear in trim. The clouds were breaking now. The hoarse port whistle sounded. The mighty battleship was off on the first attempt.

Irving Scott and his assistants were absorbed in observations on the bridge. The naval officers on board were gathered in groups in low consultation as she hurried westward with that vast measured throb of the engines hardly sounding. She surged past the Philadelphia, the last stake

Phi Beta Kappa.

By PROF. M. S. SLAUGHTER.

The first chapter of the Phi Beta Kappa society in this state was established at the University of Wisconsin in the fall of 1898. The charter for the chapter was granted at the triennial meeting of the United Chapters of Phi Beta Kappa on the request of certain members of the Faculty who had been members of the society in their own colleges. These men thought it was time that the graduates of our University should have an opportunity to win memberships in a society whose sole requirement for admission is a reputation for high scholarship during the undergraduate course.

The meeting for organization of the Wisconsin Alpha was, however, not held until the second of February 1899. At this meeting it was found that there were fifteen members of Phi Beta Kappa in the University faculty—President Adams, Dean

and three from the Philosophical course.

Of this number about half are teaching in the High Schools of the state; three are in the Law School; thirteen are doing graduate work at the University, two as Fellows, four as Scholars, and three as student-assistants; still others have gone elsewhere for graduate or professional work.

The Society holds no meetings during the year for its undergraduate and alumni members. Perhaps when the members of alumni in the University and city becomes larger, an attempt may be made to get them together for regular meetings. The University has reason to expect from this chosen body of her alumni a substantial return in scholarly work and a new impetus toward the intellectual life. Endowment for a Phi Beta Kappa fellowship ought to be an early instance of this return in kind and greater things than that ought soon to be forthcoming.

The annual receptions given by Dean Birge, the president of the society, to the newly elected members are very pleasant occasions, and from these may come the impulse to the alumni members resident in Madison for forming some sort of a club to enlarge and deepen their interest in the Phi Beta Kappa. In addition to the president's reception, a banquet is annually tendered the newly elected members and an annual address is given before the chapter and invited guests. On these occasions some scholar of reputation has been invited to give the address. The first year Prof. Shorey, of the University of Chicago spoke to the new members; last year Prof. Burton, of the University of Minnesota, addressed the society, and as speaker for next June ex-President Bascom has already been secured.

HANDBALL.

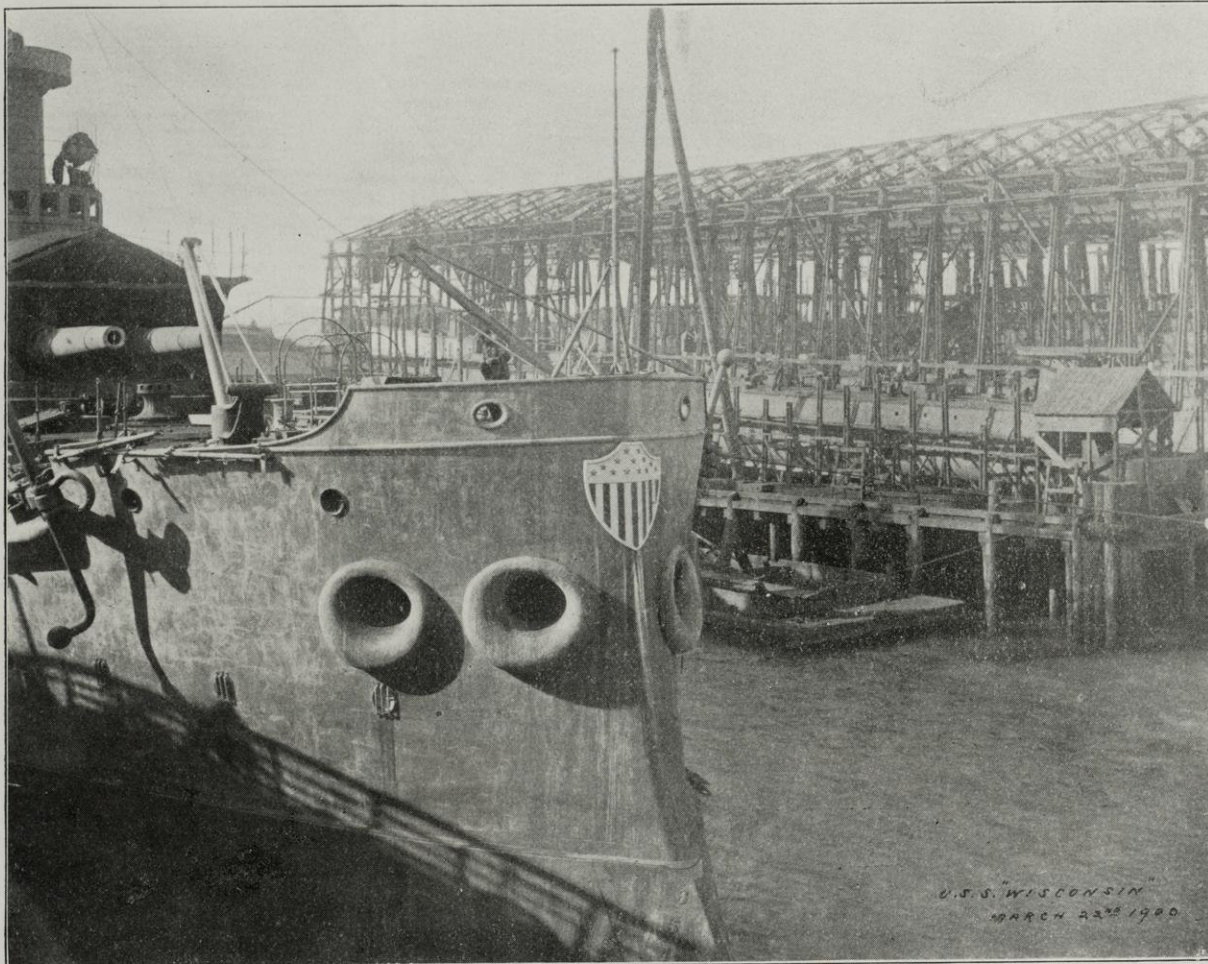
Probably no indoor sport has made the development during the past years at Wisconsin that has been made by handball. From an insignificant sport it has grown to be one of the recognized branches of University athletics. At first but few courts were in constant use, but now not only is the full complement of courts on the third floor kept busy at nearly all hours of the day but the two new courts on the main floor of the gymnasium are also filled with the players. Although the handball players are not as prominently before the public as are the football, baseball and crew men they fill a recognized position in intercollegiate athletics.

No better evidence of this increase in interest in the sport can be cited than the enthusiasm exhibited in the recent tournament. The number of entries made and the grade of sport furnished augur that the game has come to stay and that it will maintain a constant but consistent development.

The development in methods of playing has been especially marked. From a crude system of play embodying simply the rudiments of the game the different players have made a careful study of the sport resulting in individual systems differing entirely from each other and showing a marked advance in proficiency and knowledge of the game. They have arrived at a better conception of the game and no longer bat the ball around at random but attempt more scientific placing.

The statement of Andy O'Dea will be of peculiar interest in regard to the popularity of the sport. Mr. O'Dea says, "Wisconsin has reason to be proud of her handball players, and although not as prominently before the public as the members of other branches of athletics still I think that in this department Wisconsin can hold her own among the colleges of the country where handball is practiced. I will go further and state that I think that Wisconsin can defeat any college in the country where handball is played.

Handball has this in its favor. It is a purely voluntary form of exercise, and as a popular, beneficial indoor exercise few equal it, and there are none superior to it. There is a spirit of recreation in the game that makes it particularly in favor with college men and those pursuing a sedentary life. I do not look for a decay in its popularity so long as the excellent spirit that now pervades the game prevails."



Battleship "Wisconsin" in Course of Construction.

gine men like rising steam."

Larger ships with greater horsepower have gone at greater speed over a measured mile. That is the European trial method, engineers carefully examining the vessel to discover weak spots and then bringing them up to the standard of the rest of the ship. But to send a newly-built battleship on high seas for a 1,000-mile trip and to drive 62 miles at a higher average of speed than any vessel of her class ever attained and then without a moment's delay, without a cent's worth of repairs, sweep her 300 miles homeward, without break of record and calmly proceed to clean her up for presentation to the government, is a proceeding that would make the European experts stand aghast and declare impossible. That is why German, Russian and Japanese builders heard of the "Wisconsin" before she got back to San Francisco, why every government on earth with naval pretensions is commenting on Yankee battleships and more particularly why a prominent naval officer on the Wisconsin toasted her as "The Dowager Empress of the Seas."

It is to Robert Forsythe that the state of Wisconsin owes gratitude for carrying its name into every capital of Europe.

"The trip was the smoothest ever carried out by a vessel of Mr. Scott's building. Nothing exciting, not a man hurt, nothing broken except the record. She got away on the day intended and back the next day, and it

boat, with the astounding time of 18.54 knots,—according to Mr. Scott's measurements, the fastest of any vessel in the world for time. The Alabama was beaten! And when on the return dash, during the last rocking stretch, and when the battleship swept past the last beacon, past the Iowa,—and when the deep whistle announced the end of a supreme effort, there was an uproarious demonstration on board. Hats, caps and shovels were thrown in the air,—cheers for Admiral Kautz, Scott, Captain Reiter, the happiest man on board, and Lieut-Commander J. B. Milton. "She's a marvel," they said. "Nothing can equal her." "Magnificent." These cries came from the hearts of men gray in service and not accustomed to exaggeration.

The evening following, with the champagnes of France, and the best wines of California, toasts were drunk to "the Battleship Wisconsin, the Empress of the Sea;" to the man who built her; to the men who brought glory to her; to Admiral Melville, who designed her engines; to the commanding officers; to the "Badger" state and to President McKinley. There were toasts and speeches and songs. Lieut. Vogelgesang proposed the last toast amid the uproar that sounded like a Madison football chorus when all join in

"Here's to the Battleship Wisconsin

Over the waves she goes a bouncin';
The Alabama they say is fast

But my lads she's not our class.
Boom Ta-ra-ra, Wis-con-sin."

Birge, Professors Flint, Giese, Haskins, Hubbard, Olin, Owen, Russell, Scott, Sharp, Slaughter, Slichter, and Messrs. Dodge and Priest. Of this number Harvard, Johns Hopkins and Williams had each furnished three, Amherst, De Pauw, Northwestern, Rochester and Yale one each, while President Adams had been elected to honorary membership by the University of Vermont.

Since the organization of the chapter, other members have been added to the list. Professor Turner was elected last June by the University of Minnesota, when he delivered the annual address before that chapter. Of recent additions to the Faculty, four are Phi Beta Kappa men; Professor Noyes (Harvard), Drs. Fish (Brown), Fiske (Harvard), and Tilton (Yale). Mr. Breese J. Stevens, of the board of Regents, is a member of the society from Hamilton College.

The selection of undergraduates for membership is made by the Faculty members of the society. This choice is made near the end of the college year, at which time seven Juniors and fourteen Seniors may be elected, if so many seem worthy of the honor. Students from all courses in the college of Letters and Science are eligible to membership. In the selections made from the classes of 1899 and 1900, eleven were from the General Science Course, nine from the Ancient Classical, seven from the English course, six from the Civic Historical, six from the Modern Classical

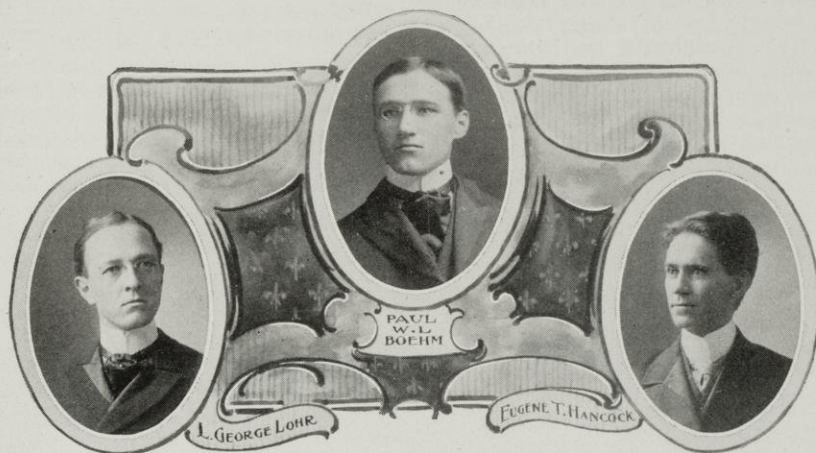
Oratory and Debate.

THE debating society, that valuable adjunct of the college curriculum, made its appearance early in the history of the University and has steadily kept pace with the development of the institution itself. A half century ago, six men organized Athenae and started to discuss the fiery questions of those old days in old North Dormitory. Since that time fully a dozen other societies have been organized, some of which live today only in the memory of the alumni.

At the present time there are six

Wisconsin vs. Georgetown.

The most important of these debates and the one which attracted the most attention was that between the team chosen from the Forum society and the Georgetown Law School team. This debate was held in Washington, D. C., on May 19. Wisconsin was represented by Theodore W. Brazeau, Wm. S. Kies, and W. M. McGrath. The Georgetown team was D. W. O'Donoghue, J. H. Higgins, and J. J. Kirby. The question debated was upon the municipal ownership of electric lighting plants, our representatives defending the present system of



Philomathia's Joint Debate Team.

thriving literary societies in the University. Athenae, after fifty years of uninterrupted prosperity, still enjoys the vigor of youth and boasts that she has won more joint debates than all her existing rivals combined. Hesperia, organized in 1853, is "still in the ring" and on Friday nights her eloquent sons may be heard discussing the issues of the day in their room on the fourth floor of Main Hall. Philomathia, born in 1886, has made marvelous strides and now rivals her older sisters in all but prestige. These three societies comprise the Joint Debate League.

In the law school Forum and Columbia give the coming lawyers the forensic training so valuable to them and yet not obtainable in the regular class room work. Forum was organized in 1889 while Columbia is of still more recent birth. One women's society, Castalia, founded in 1864, still lives and prospers, supported by the talkative co-eds. It may be truthfully said that Castalia is the most genuinely literary society in the University. The men's societies have gone to the extreme in investigation and argument but Castalia's program includes original literary productions such as short stories, poems, humorous papers and character sketches.

During the continuance of the Short Course in Agriculture and the Dairy

corporate ownership. Three United States senators acted as judges—Senators Pettus of Alabama, Perkins of California and Ross of Vermont.

The Wisconsin men were strong in argument and logic but were left behind in delivery. The arguments were exceedingly close, the excellence of the Georgetown team in delivery turning the tide. The Badger debaters were heartily cheered throughout by a crowd of the Wisconsin residents of Washington, the U. Rah, Rah being heartily given at the end of each Wisconsin speech.

The audience deserves especial mention both from its size and brilliancy. A more distinguished audience probably never listened to an intercollegiate debate. Congressmen, senators and department officials filled the orchestra circle, boxes and stage. The majority of the Wisconsin delegation in congress were either on the stage or in boxes. Senator Spooner occupied a box with ex-Gov. Botkin of Montana and some ladies, while the adjoining box was filled by Representative Minor and his family. Senator Quarles and Representatives Otjen, Barney, Stewart and Dahle sat on the stage. The lower right half of the house was a mass of cardinal, all the ladies having large cardinal fans.

The decision of the judges was accepted by everybody as just and the



Hesperia's Debaters.

School, the students of each of these departments maintain a large society. That the Short Course is the larger, it having a membership of upwards of three hundred, while the Dairy School society has an enrollment of about one hundred men. These two societies meet in an annual joint debate.

Inter-Collegiate Debates.

During the last season three debating contests were held between teams chosen from Wisconsin students and representatives of other educational institutions. Strange to say, our representatives were defeated in all three instances.

best of feeling prevailed between the two teams. The Wisconsin debaters were royally entertained at dinner after the contest by the Georgetown men.

Castalia vs. Milwaukee-Downer.

A team of young women representing Castalia met the Milwaukee-Downer College team in Milwaukee. The 'Varsity girls were put to the disadvantage of advocating the Harvard elective system against the system in vogue here at home. Castalia's team was Miss Louise Loeb, Miss Bessie King and Miss White.

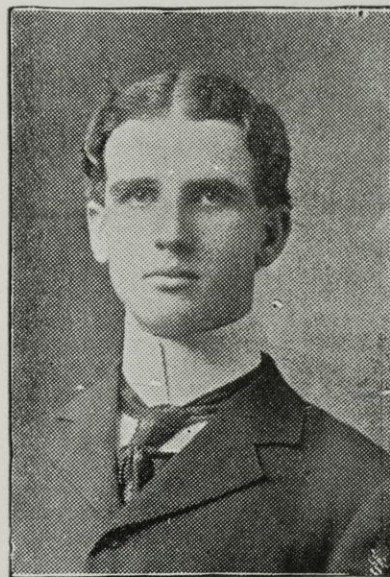
Wisconsin vs. Iowa.

Wisconsin's debaters were defeated by the Iowa University team at Iowa City on May 11. The question debated was the shipping subsidy proposition, practically the same as that discussed here in the joint debate last winter. Wisconsin's team, composed of W. F. Adams, H. W. Adams and M. J. Cleary, had the affirmative side, which favored the subsidy. Great dissatisfaction was expressed by our representatives both in regard to the treatment they received at the hands of their opponents and upon the decision which was two to one in favor of Iowa.

Oratory.

At a recent meeting of the Oratorical Association some important changes were made in the old constitution. Under the old constitution, the Oratorical Association which consists of the six different literary societies had no direct connection with intercollegiate debates. The main object of the association was the encouragement of oratory in the University. Whenever any oratorical contest was to be held, a meeting of the association was called and the necessary arrangements were made; no trouble or confusion whatever was experienced in managing these oratorical contests.

But the association neither directly nor indirectly had power to manage intercollegiate debates or procure noted lecturers. Whenever such an event was desired, the matter had to be brought up in each of the different literary societies. A committee from each society was then appointed, the six committees met, did a little preliminary work, and reported to the societies. Then generally a new committee was appointed to make all necessary arrangements for the debates



Clarence E. Macartney.

or lectures. The weakness of such a system is at once apparent to all. With numerous, changing committees no one regular system could result, and confusion and delays were the consequence. While of course we never failed to procure a lecturer or an intercollegiate debate on account of these inferior methods, yet the criticism was always prevalent because of the delays and unnecessary work. Sometimes, too, an inexperienced committee would cause fatal results to our success, as for example making arrangements for only two judges for a debate instead of three.

The recent changes to the constitution, it is believed, will eradicate this great evil. The name of the association has been changed to that of "The Oratorical and Debating League of Wisconsin." The power of arranging for all oratorical contests, intercollegiate debates and lectures is in the hands of one committee, the executive committee. This committee consists of the officers of the league, six in number, one from each of the literary societies. It is believed that by this method our intercollegiate debates will be managed in as systematic and simple a manner as have been our oratorical contests. There are many details to be learned in managing an intercollegiate debate and experience as in other pursuits is the best teacher. This executive committee, elected for the year, is thus able to profit by its own mistakes and soon acquire a thorough knowledge of the matter in hand. In the past new com-

mittees made the same errors as did their predecessors.

While the objection may be made that this is giving too much power to one committee, the fact must be remembered that the members of the league delegate particular authority in the beginning or sanction the arrangements in the end. The executive committee is not "The League;" it is simply the working agent of the league.

Mistakes will of course happen; no system is free from them, but it is believed that as compared to the former system, the tendency to error is reduced to a minimum, and that the old, regular criticisms will no longer be advanced.

The other changes were of minor importance, the chief of these being the change in the dates of the oratorical contests, the "Junior Ex," etc., taking place earlier in the year, it being believed that the winner of the final contest here should have as much time as possible to train for the big final contest.

GOLF.

The past year has been a most prosperous one for the University Golf Club. Not only have new grounds been secured but the roster of members has been increased from sixty-six to over a hundred. The membership now includes within its names some of the most prominent people connected with the University as well as a goodly sprinkling of townspeople. Every fair day groups of enthusiastic players may be seen on their way to the greens. Nor is the play confined to fair weather only, for the bad weather of the past fall has been unable to keep the golfers from the links, while some of the more enthusiastic play during the entire winter by means of the red ball. During the latter part of the summer an open tournament was held for men which was won by Max Mason (now in Germany), while in the tournament for ladies, Miss Orr, niece of Governor Scofield, distanced all competitors.

The club commenced its existence on what was known as the Wingra Park course, west of town, on the street car line. Here was laid out a nine-hole course. Later the club moved its greens to the Adams property west of Wingra Park, where a six-hole course was platted. This arrangement proved unsatisfactory, as the nine-hole course is the standard adopted in all championship tournaments. Consequently the number of holes has now been increased to the above number. Although little has as yet been done to improve the grounds still the links are in excellent condition, owing to the natural adaptability of the site to the game. In playing the course one encounters two very "sporty" hazards in the way of driving over a deep railroad cut bounded by a fence and lofting over the high embankment made by the street car line. The Wingra Park record for the nine holes is held by C. C. Allen, who made the rounds with 42 strokes. The record for the new nine-hole course is 43 strokes, which was made by F. R. Pettit. Among the experts at the game are C. C. Allen, Redman, Pettit, Barnes, Kimbal, Vogel, Clarence Taylor, Dan Taylor, Blake, Jacobs, and Prof. Pyre. It is the intention of the club to select a team next spring from among their best players and if possible to arrange matches with clubs of other universities. Among those considered are the University of Michigan, University of Chicago, and the Northwestern University.

The present officers of the club are Stanley Hanks, president; Phil King, vice-president; T. S. Morris, secretary; P. S. Warner, treasurer; directors, Prof. Victor Coffin, Fred Vogel, Clarence Taylor, Edward Gernon, Carl Johnson; greens committee, Frank Jacobs, Fred Vogel, Dr. A. Trowbridge, Prof. A. W. Tressler, T. S. Morris.

The annual banquet of the club will be held on Washington's birthday.

There are over 100,000 students enrolled in the colleges of the United States, besides more than 50,000 in schools of law, medicine and theology. Comparing this showing with the present population of the United States, one American in about 500 receives a college education.

Mr. Andrew Carnegie proposes to erect and furnish buildings for a polytechnic school at Pittsburg, with an endowment of \$1,000,000. The city is to furnish the site.

Music in the University.



HE charms of music occupy a peculiar position in college life. In fact the idea of the demonstrative college spirit is incomplete without the music that touches a chord in every heart that has throbbled with the sentiment of having an Alma Mater. Viewed in that light the Glee and Mandolin Clubs are entitled to a prominent consideration at the hands of all.

Last year the University was again represented by a splendid aggregation of musicians who went out through the state and "sang the old songs" and played the old airs that make the outside public look curiously and enviously upon student life. In every city they visited they covered themselves with glory. They were most cordially received and people everywhere entered with them into the proverbial spirit of fraternity.

UNIVERSITY GLEE CLUB. By A. C. Ehlman, Leader.

The Glee Club laid its foundation in the year 1878, with a membership of but four, constituting a quartette of which Clarence B. Stevens, D. W. Smith, Otto J. Scorell and J. B. Simpson were members. College songs soon became so popular and so eager were the ambitious to gain a place on this quartette that it was found necessary to double the number. On account of the close competition it was thought best to form two organizations; this created some animosity between the two clubs, and in order to avoid this it was deemed advisable to unite the two clubs. This was done in 1881 and gave the then organized University Glee Club a total of sixteen members, four for each voice, and up to last year this number has prevailed.

The object of the Glee Club has been to promote a greater interest in music of both a light and heavy order and to give those who possess musical ability an opportunity to exercise their talent profitably. Owing to the limited number allowed in the club, a selection from numerous applicants is necessitated. This is done by markings, taking into consideration range, quality and control of voice, and ability to read at sight. The club as a whole vote upon the names recommended and those having the highest standing are selected providing their moral standing entitles them to consideration.

Contrary to the method pursued last year, the club has no substitutes, but has increased its membership to twenty; thus in case a member sees fit to withdraw on account of illness or other reasons there will be a sufficient number to carry on the work without delay. This is a result of the fact that last year the substitutes did not take the interest in the work as it was thought they would.

The prospects for the Glee Club this year are unusually bright. The new material in the club is the best for years and with much of our best talent of last year with us the outlook is all that could be desired. The program for this season's concerts have not been decided upon as yet, but it can be said that besides the numbers by the Glee and Mandolin Clubs (which will be largely popular music this year) there will be many new features. The organization is particularly fortunate in having all the members of last year's quartette back this year. The quartette was exceptionally well received last year and highly complimented for their creditable work.

It was decided at a recent meeting of the Glee Club to give a comic opera which is now being written by University talent. This will be rendered entirely by male talent of the combined Glee and Mandolin Clubs, and ought to appeal to the enthusiasm of the public as all attempts of a dramatic order in which college talent has participated has invariably been successful and entertaining.

The schedule of a trip has not been completed at the present time, but one similar to that taken by the Glee Club of '97 is anticipated.

The officers of the Glee Club are: A. C. Ehlman leader; C. C. Ireland manager; E. D. Jenner, assistant manager;

C. H. Wilder, treasurer, and W. G. Hamilton, librarian.

Following is the personnel of the club:

First Tenor.

H. T. Meinert comes from Watertown and has been a member of the Glee Club for three years.

Edward L. McGillis, of Marinette, has had his voice trained under the direction of A. R. Wiley of Chicago.

John V. Brennan, of Tomah, received training under the able direction of Miss Foresman of the University School of Music.

A. C. Ehlman leader, comes from Milwaukee, has had vocal training under several teachers of national repute. He is the tenor of Christ Presbyterian church, Madison, and has had much previous experience in quartette work.

Second Tenor.

F. P. Bowen, Jr., of Richland Center, had instruction under the direction of Miss German. Mr. Bowen has had three years experience in church choirs.

P. L. Spooner, who resides in Madi-

Second Bass.

C. C. Ireland, manager, has been identified with the Glee Club for two years past. Mr. Ireland previously attended Knox college and hails from Washburn, Ill.

L. P. Rosenheimer received his musical education under Prof. Burchard of Milwaukee.

W. A. Hamilton, of Marinette, has had much vocal experience, having sung in the Presbyterian church choir of his city for five years.

C. H. Wilder, of Evansville, received instruction under J. S. Taylor of Janesville, and has sung in the Beloit Musical Association and High School Quartette.

R. T. Conger is an Illinois man, coming from Elgin. He has a creditable record as a singer, and has held a position in the First Baptist church previous to coming here.

The Mandolin Club.

This year the students may compliment themselves upon having two clubs which will again reflect credit upon the institution. The Glee Club

Ladies Glee Club.

Until the spring of '97 there had been no Girl's Glee Club, although the men's organization had been in existence for some time. In that spring the young women had planned to entertain in Ladies' Hall and it was thought that a musical number by the girls would be appropriate. With this idea in mind ten girls were chosen to form a chorus and on the evening of the function they appeared. They were so well received that one enterprising member suggested that they call themselves the Girls Glee Club and continue practising. Since that spring the club has been one of the musical organizations of the University.

Their initial appearance in public was made in the spring of '98 where they were welcomed enthusiastically. Since then they have been kept busy preparing selections for various social affairs besides the annual home concert. They have not been allowed, however, to take trips alone or with the men's club.



University Glee Club.

son, has been heard with much pleasure in public and the Glee Club and University quartette are particularly fortunate in having his services.

C. O. Dawson hails from Mason City, Iowa. Besides qualifying for the Glee Club he is a member of the University band.

W. J. Murrish rejoined the Glee Club this year having been a member in the years '96 and '97.

J. B. Patrick, of Oak Park, Ill., was a member of the club last year. He received his training under Prof. Tomlins, of Chicago.

First Bass.

A. T. Pray, of Stevens Point, received instruction under Daniel Protheroe, of Milwaukee, and under Miss Foresman of the School of Music.

E. R. Williams, of Waukesha, comes from a very musical family. He had charge of the music in Carroll college, and was director of a large chorus as well as many minor organizations.

H. L. Peterson registers from Delafield and is well known in Madison musical circles. Mr. Peterson is accompanist of the Glee Club as well as a vocalist.

S. E. Washburn is a Racine man, and has demonstrated his musical ability in various ways. He is an excellent performer on the flute, and is a pianist.

C. R. Rounds is possessor of a rich baritone voice which has materialized under the direction of Miss Foresman of the University School of Music.

has always had an excellent reputation and it was for the Mandolin Club to come forth and place itself on a par with its rival. The club was reorganized last year under H. O. Anderson, and it was hoped that at last it had come to remain and become a permanent feature. That hope was realized and the Mandolin Club came to the front with every compliment to its excellence, and the assurance that it was here to stay. The members took up this work in earnest and with painstaking regularity. The result was that the young men did themselves proud.

This fall the old members began early to follow the plans which had been crowned with success last year. New players were admitted under exacting qualifications and the rehearsals began and continued with zeal and persistency.

The present enrollment is as follows:

First mandolin.—R. T. Smith, Edward Jenner, Fred Landeck, Sidney Niles, George Gove, Ernest Tomlinson.

Second mandolin.—Claude Beebe, Stephen Phipps, Chauncey Blake, Paul Bennett, Webber Russell, Arthur Uihlein.

Guitars.—Beach Maguire, Osmund Jorstad, Frank Sheldon, Charles Thompson, Alfred Rhodes, Geo. Markham.

Cello.—Albert Ehlman. Flute.—Stuart Washburn. Violin.—William Brown.

Last spring, after the joint home concert, the members decided that it would be a novelty to give a concert alone in which no men were to be allowed to take part. The leader, Prof. Parker, was banished from the scene for that evening. An audience of about five hundred students, besides the faculty, who had all received invitations was entertained by the selections given by the Glee Club followed by a farce which the members of the Red Domino presented. An invitation to sing at commencement had to be declined as many of the members could not stay through commencement week.

This fall, the third year of its existence, the club has started in with exceptional enthusiasm to prepare for the several occasions on which they will appear. The outlook seems very good and before Christmas they will probably have been heard three times. Definite plans have not been made as yet for a concert but there will probably be one in the spring.

The present members are:

First soprano—Anna Gapen, Daisy Wentworth, Edith Balsey, Edith Rumsey.

Second soprano—Blanche Clark, Harriet Sawyer, Edna Zinn, Laura Sage.

Second alto—Ethel Moore, Grace Goddard, Louise Foote, Esther Concklin, Clara Pfisterer.

First alto—Elsa Sawyer, Esther Donnelly, Jeania Patton, Avis Hughes.

Changes on the Campus.

Describing the New Buildings.



THE University of Wisconsin is this year especially fortunate in having its equipment enlarged by the completion of its two finest new buildings, not only of this institution, but of any educational institution in the Northwest. In the palatial State Library occupied jointly by the Wisconsin State Historical society and the University, we have a library building which in completeness of detail, thoroughness of equipment, and architectural magnificence rank far and away above most of the University libraries of the world. The Congressional library at Washington is larger and more costly than ours, but no college library in America, save possibly that of Columbia University in New York City, approaches the Wisconsin building in size, beauty, or general excellence.

New Building at Farm.

A new building for the making and curing of cheeses is being constructed on the University farm.

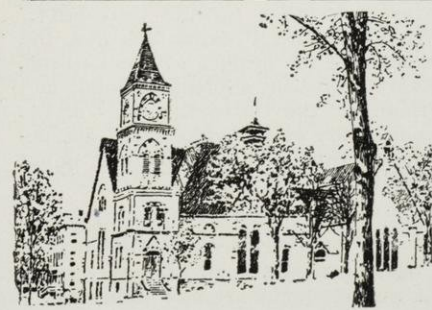
The School of Agriculture has more than kept pace with the other departments of the University and is now so crowded that many applications for admission to the Short Course are of necessity refused. Plans have been prepared for a new building for the School of Agriculture which will cost when completed about \$150,000. An appropriation for this purpose will be asked of the state at the coming session of the legislature.

In Science Hall.

The rooms vacated in Science Hall by the engineering department are divided among the departments of Physics, Psychology and Geology. The large mechanical draughting room is being changed to a physical laboratory for use by Professor Snow's classes. The department of Psychology is having a new experimental room equipped for use by Professor Jastrow's research and undergraduate classes. The department of Geology has a new laboratory and reading room for Professor Van Hise's classes and an experimental room for blowpipe analysis to be used by students under Dr. Hobbs.

New Home for School of Music.

The School of Music which until now has been confined into cramped quarters in a portion of Ladies' Hall, has been given the space in Library Hall vacated by the University library. The west end of the building is being entirely remodeled into offices, recitation rooms and studios



and the large auditorium is at the disposal of the department of music for recitals and concerts. The remarkable growth of this department in the past few years renders this change of quarters exceedingly welcome and the work will be greatly facilitated by the new arrangement.

Library Building.

This magnificent structure, which now stands complete on the west end of the lower campus, has been the dream of the State Historical and University libraries for fully a decade. Ever since the growth of the University overcrowded the narrow quarters in Library Hall and the influx of books, files and other matter compelled the State Historical Society to utilize the dark, damp basement and dusty attic of the Capitol building for storage room, the need of a commodious and well appointed library building had been felt and urged. The need was so pressing and the good results so obvious that the legislators of our state resolved to provide our libraries with an habitation complete in the minutest detail, thoroughly up-to-date,

and commensurate in size and richness with the dignity of the commonwealth of Wisconsin.

Ground was broken for the building in the summer of 1896. More than a college generation had come and gone before the libraries moved into their new home during the months of August and September of this year. In the fullness of time the dream has been realized. The librarians are no longer cramped for space, and students are no longer compelled to take the long trip to the Capitol.

A visitor may enter the building from any one of the four points of the compass and, passing through vestibules, find himself in the spacious corridors of the first floor; or, if mounted on a bicycle, he may, on the State street side, wheel down the runway to the basement. Entering and turning to the left, the visitor may pass through a door at the right and ascend the grand staircase to the corridors on the first floor, finding himself at the head of this flight of stairs just opposite the entrance of the passenger elevator. In addition to this elevator, an electric service elevator in the stack wing runs from the basement to all floors of the building.

contrast to the rich mahogany of its furniture. The furniture in this room, the delivery room, and the periodical room is entirely of mahogany, while in the rest of the building it is of oak.

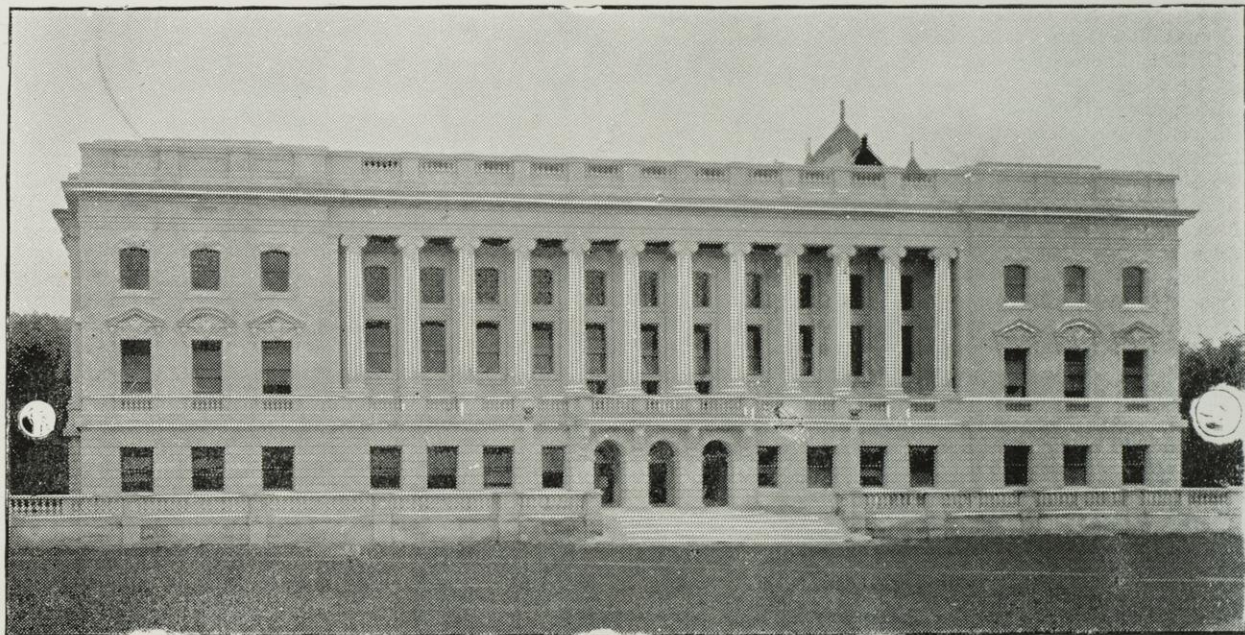
Adjoining the general reading room on the northeast, by doors which will always be kept open, is the periodical room, number 227. Here are two long tables with a seating capacity of nearly forty. On the south and east walls are cases containing the current numbers of general and popular periodicals, especially those indexed in Poole and similar indexes.

In the southern corner of the third floor, the visitor will find a small but very attractive lecture hall. Behind its stage is the Wisconsin Academy of Science room. At the north end of this third floor is a series of six fine rooms which are used by the University for library and seminary purposes. The Germanic Seminary Library, recently acquired by the University through the generosity of German Americans of Milwaukee, has found a home in No. 316. Room 322 is occupied by the library of the French department, containing the private library loaned by Professor Owen to the University.

large steam laboratory fifty by seventy-five feet. The building stands on sloping ground, so that there is a sub-basement under the east end. Here the basement story proper is omitted, the space being divided between auditorium above and the testing laboratory below.

The building was made possible by a \$100,000 appropriation for that purpose made by the last state legislature. The great increase in the popularity of the courses during the last few years clearly demonstrated that a \$100,000 building would be outgrown in a very few years and thus the plans adopted were such as to admit of additions from time to time which will not mar the architectural symmetry of the building.

The erection of this building is said to have marked a new epoch in constructional work at the University, in as much as it is perhaps the first edifice of large dimensions that has been completed within the time specified in the contract. Some of the University buildings were from one to two years longer in process of construction than the time called for. Indeed when the conditions attending the development of this building are



The Historical Library Building.

In the northeast corner of the stack is an electric book lift to all stories. The building is connected by a tunnel with the central heating plant of the University, from which steam for heating is obtained. The heating of the building is by both direct and indirect radiation.

To the north of the west or Park street entrance is the women's cloak room opening on the north grand staircase; to the south of this entrance is the men's cloak room opening on the south grand staircase. The visitor who has ascended the south staircase finds ahead of him to the right the offices and cataloguing room of the Historical Society; at the head of the north staircase at the other end of this floor are found the similar rooms of the University library. From either corridor the visitor may pass through double-swing doors into the delivery room, room 216. At the south end of this room is the delivery counter of the Historical library; at the north end is the delivery counter of the University library. The west end of this north counter is especially arranged as a desk for the circulating department of the University library, and here books will be loaned and received when returned. Behind this north counter in room 218 are cases for the current numbers of the several hundred periodicals taken by the University library. At the north and south counters are found the reference assistants of the University and Historical libraries respectively.

Separated from the delivery room by four columns only is the large general reading hall, room 217, purposely the most beautiful room in the building. This room, 48 feet by 118 feet, and about 30 feet in height, is treated entirely in white, which makes a fine

The fourth floor of the building is largely given up to the museum and portrait gallery of the Historical Society. Both grand staircases lead to this floor, and the passenger elevator ends its journey here.

New Engineering Building.

The new College of Mechanics and Engineering is situated on the slope of the upper campus between Science Hall and old North Hall, opposite the Law building. It is a four-story structure with a depth including the basement, and has a frontage of one hundred and seventy feet. It is built of gray brick and Bedford stone with terra cotta trimmings. The brick is laid up with a pink mortar which gives an appearance of granite to the entire exterior. The roof is of slate. Plate glass is used in the basement and first and second stories, on the three fronts.

The interior is of mill construction with fire-proof plaster on metal lathing. The walls are suitably tinted and the interior wood work is of oak, finished in the antique.

The building is heated and ventilated by the fan system with automatic regulation. The system of lighting which has been installed in this building is the most perfect possible for draughting rooms, no shadows being possible. This system was experimented with by two students in the electrical department during the past summer vacation, under the direction of Prof. Swenson.

The basement is wholly occupied with laboratories, the first and second floors by officers and recitation rooms, and the third story and attic by draughting rooms.

In the rear, occupying what will ultimately become a court when the building is extended around it, is a

considered, its rapidity of construction is remarkable and testifies to the push and energy of the architects and contractors.

Plans were submitted by four different firms but none of them were found at all suitable because they not only exceeded the amount of the appropriation but failed to take into account the site or the prospective extension of the building. Finally Dean J. B. Johnson and Architect Jennings were authorized in November, '99, to draw up a set of plans and specifications. The building was completed in the time contracted for and was ready for use at the opening of the University. The Board of Regents tendered Dean Johnson and Architect Jennings a vote of thanks for their splendid achievement.

Twelve names of great engineers appear on the outside of the building, two of these, Stephenson and Watt, are cut on the capstones surmounting the two sides of the portal. The other ten are moulded in the terra cotta cartouches between the windows over the second story. Immediately after the holiday vacation a series of biographical lectures on these men will be given by members of the engineering faculty on successive Friday afternoons at 3 o'clock in the auditorium of the new building. This series of lectures is scheduled as follows:

Jan. 11, Stephenson, by Dean Johnson; Jan. 18, Watt, by Prof. Bull; Jan. 25, Telford, by Prof. Turneaure; Feb. 1, Henry, by Prof. Jackson; Feb. 15, Ranke, by Prof. Maurer; Feb. 22, Ericsson, by Prof. Mack; March 1, Kelvin, by Prof. Trowbridge; March 8, Gramme, by Prof. Swenson; March 15, Siemens, by Prof. Burgess; March 22, Bessemer, by Mr. Robert W. Hunt, of Chicago; March 29, Corliss and Reynolds, by Prof. Richter.

The Young Men's Christian Association.

By General Secretary G. S. Phelps.



HE beginnings of the Young Men's Christian Association of the University of Wisconsin date back to the earliest days of the University itself.

Mr. Robert Weidensall, the pioneer student secretary of the International Committee, first entered the state in 1870 when he attended the first state convention of Wisconsin held at Janesville. Soon after the convention he made a tour of the colleges of the state during which he organized an association in Lawrence University. This was the first college association in the world. A month afterwards Mr. Weidensall visited Madison and organized an association in our own University. Like all prehistoric institutions more mystery than certainty enshrouds its early days. Tradition tells of victories and defeats, of days of plenty and days of famine. It seems that after a few years the days of famine so nearly sapped the life of the once vigorous infant that resuscitation was necessary. Accordingly June 9th, 1881, a reorganization was effected. The minutes of the first meeting read, "B. B. Rose elected president, C. C. Todd, vice-president, E. W. Pryor, secretary and B. B. Burr treasurer. Moved and carried that the organize under the International Committee constitution. C. C. Todd appointed as a committee on by-laws. After some general discussion adjourned to meet at the Methodist church on the 12 inst. for the first religious meeting." There was some difficulty in finding a place for holding the meetings. Under date of Nov. 10, 1881 the minutes read, "Committee on room reported against Ladies' Hall but Prof. Sterling offered his room in the Main building. The offer was accepted."

For nearly eight years the young women of the University were admitted to both active and associate membership. The minutes for Feb. 26, 1882 read, "Miss Greenbank took the oath of active membership." Among the first members were Judge Lewis, of Minneapolis, Prof. Van Velzer, Prof. Williams and Mr. C. J. Hicks, now one of the International Secretaries of the Railroad Y. M. C. A. Since this re-organization the life of the association has been continuous. In the course of time the young women resigned and formed the Young Women's Christian Association. In 1888 the two organizations filed articles as one corporation known as "The Young Men's and Young Women's Christian Association of the University of Wisconsin." It was this corporation that began the movement for a new building. It raised by popular owned by the Association. During the succeeding years the movement lapsed. Two years ago the old corporation decided that it would simplify matters of it were to turn the property over to the Y. M. C. A. and dissolve. It was stipulated that the Y. M. C. A. should duly incorporate under the state laws and that it should also guarantee adequate provision for the Young Women's Christian Association in the new building.

Preliminary to the incorporation of the Y. M. C. A. there were organized the Advisory Committee and the Board of Directors, the former to have general oversight of the activities of the Association and to select and provide for the salary of a general secretary, the latter to act as trustees of the property of the Association and to have charge of the building campaign. For the Advisory Committee were chosen Professors M. V. O'Shea, C. S. Slichter and W. A. Scott, Judge J. B. Winslow, Col. W. J. Anderson and Hon. J. M. Whitehead. For the Board of Directors were chosen Judge J. B. Winslow, president, Mr. E. F. Riley, treasurer, Prof. W. A. Scott, secretary, Mrs. C. K. Adams, Mr. W. W. Cooper and Prof. W. W. Williams.

"The Young Men's Christian Association of the University of Wisconsin" was duly incorporated Nov. 14th, 1899. Plans were immediately begun for the securing of the new building. After months of delay sketches were presented by architect Allen D. Conover and the project was formally launched at a great banquet at which

125 guests were present including a large number of distinguished gentlemen from out the city and state. But before saying more about the building project let us take a glance at the work of the Association with a view to learning its present scope and its future needs. And first of all let us understand that the object of the Association work is "to promote growth in grace and Christian fellowship among its members and aggressive Christian work, especially for and by students, to train them for Christian service." And to this end the Association undertakes "to elevate the condition spiritually, morally, socially and physically of the members of the University of Wisconsin." It is inclusive not exclusive, it seeks to unite all classes of men on a democratic, christian platform of mutual helpfulness and service.

One of the most helpful phases of the work is the reception of new students. These are met at the trains and invited to the Y. M. C. A. house where they find lists of rooms, roommates and boarding places. Information and directions are gladly given and everything is done to assist the new men in getting well started in

national Secretary of the Y. M. C. A. to China.

Social calls were made upon 75 per cent. of the Freshmen in their rooms. The general secretary made 400 personal calls during the year.

Such is a general survey of the work. Statistics do not tell all. The untold subtle influences, the quiet and probably most effective work, cannot be written. Said one of the leading men in the University not a month ago, "You can never know what the Association has done for me. I would not take \$1,000 for what it has done for me during the past year." The great need of the Association and the University is a suitable building for the Christian work. A building that would be adequate to the needs of the Association and at the same time would be a credit to the campus. The present plans of the building are merely tentative and will be much changed. But they represent the idea of what is needed.

The main features are adequate provision for religious meetings, facilities for a large social work, and student dormitories. The first is important because at present there is absolutely no place within half a mile

nasium—one of the finest in the land. The \$135,000 spent for it represents the solicitude of the people of Wisconsin for the body. Ought not the spiritual life to be represented by at least \$75,000? Across the street stands the palatial \$750,000 Library building, but President Adams said, "As the library is the head of the University, so I consider the Young Men's Christian Association its heart." Is it asking too much to plead for the heart one-tenth of the amount spent for the head?

The Canvass.

The canvass has already been begun. The Board of Directors has put General Secretary Phelps in charge. Mr. Phelps spends two-thirds of his time on the road. Several cities have already been visited. No one has yet been solicited for a subscription, although several small amounts have been volunteered. The policy is to carefully and thoroughly cultivate the ground. It must be a campaign of education. A man that will give \$25 at the first presentation, ought to give four times that amount when he fully grasps the strategic value of the investment. Persistent work on the part of all friends of the University



Sketch of Proposed Building.

this strange world. Two thousand handbooks of general information were given away. As soon as the addresses of the Freshmen can be obtained they are called upon in their rooms and invited to make use of the house and other Association privileges.

The employment bureau has enjoyed marked growth. Whereas last year during the entire nine months it furnished one hundred jobs to needy students. This year during the first three months it has furnished over 160 jobs, about half of which are permanent.

Five men's socials were given in the house at which about four hundred men were present. There were 1100 men and women at four "joint" affairs.

Four Bible study courses are offered by the Association, one in each of the following, "The Life of Christ," "The Life of Paul," "Old Testament Characters" and a course in special Bible study in personal work. One hundred and ten men were enrolled in these classes last year.

Two religious meetings are held each week of the college year. The Sunday afternoon meetings are addressed by strong men from the University, Madison and from other cities. The average attendance at these meetings was 123. The mid-week prayer-meetings are held in the Association parlors. The attendance was forty-three. One sacred concert was given last year. This year it is planned to give two.

A mission class in the study of modern missionary problems enrolls twenty-four members. The sum of eighty dollars was raised last year and was sent to Mr. Brockman, the Inter-

of the campus where a large gospel meeting may be held. The building would furnish a lecture room seating 200 and an auditorium seating nearly 800. Facilities for a larger social work are needed because the social department is to the University Association what the gymnasium is to the city Association. The social problem is the key to the lives of many college men and women. The receptions and parties of the two associations have been brilliant successes, although held in small rooms and subject to every hindrance imaginable. The great reception hall on the main floor is designed to have a cheery, informal inviting effect that will appeal to the social part of a man. The parlor will be a little more elegant.

The Dormitory Feature.

The dormitory feature is somewhat new in college Association buildings, though long tried in city Associations. Our Board has decided to introduce it for three reasons: (1) Because there are no dormitories, or anything to take their place, for men in the University. (2) The Association for two years has maintained a house upon the same principle with signal success in that it has centralized the leaders of christian work, has provided a home life for many of the men, and has been a social headquarters for many homeless students. (3) Because the income from the dormitories will take the place of an endowment which would otherwise be necessary for the maintenance of so large a building.

The proposition before us then is this—millions spent for the head and the hand, can we give a few thousands for the heart? On one side of the proposed building will be the gym-

will bring the money. One of our most prominent alumni recently exclaimed: "That is the greatest thing ever undertaken for the University." When we can all realize this fact, the success of the project will be assured. Every professor, student, alumnus and friend of the University and of the young men of the state must get under it. Give to it, talk about it, enlist others in it, pray for it.

Some Recent Publications.

Among recent publications by alumni and students are the following: Socialism and Farmers: By A. M. Simons, '95.

Stories of the Badger State: By Reuben G. Thwaites. Illustrated.

The "International Socialist Review" made its initial appearance July 1, with A. M. Simons, '95, as editor.

"The Predestination of Preachers" is the title of a pamphlet issued recently by D. K. Tenney, '58.

Prof. M. V. O'Shea is editing a number of volumes in the series of "English Classics for Home and School," published by Heath & Co.

Prof. Joseph Jastrow is publishing a volume of essays in psychology under the title, "Fact and Fable in Psychology."

An Experimental Study of the Corrosion of Iron Under Different Conditions: By Carl Hambuechen, '99. Bulletin of the University of Wisconsin, Engineering Series, II, 3. July, 1900.

The Anomalous Dispersion of Cyanini: By Carl Edward Magnusson. Bulletin of the University of Wisconsin, Science Series, II, 4. July, 1900.

The Childhood of Ji-Shih, the Ojibwa: By Albert Ernest Jenks, Ph. D., '99. American Thresherman Publishing Co., Madison, 1900.

The Department of Military Science.

By Harry G. Kemp.

TO MANY students of the University, the military drill doubtless seems an abomination. To be compelled to attend drill twice a week seems to the majority mere drudgery. But in fact the importance of the work can not be fully estimated. At the time this matter of organizing and maintaining military instruction in the colleges and universities of the country, was first taken up by the United States government, there was a great deal of discussion about the advisability of such a move. But to one who considers the question in all its aspects there can be no doubt of the benefit of such a course. It is a continuance of the policy of the United States government in the foundation of companies of well drilled citizen soldiery and its efficiency was well shown in the recent war with Spain when companies and even regiments were formed of students at the various institutions in the country, and moreover these same regiments were found to be composed of as good soldiers as those comprising the National Guard of the various states.

The list of commandants at the University since the first drill in 1868 is as follows:

- Col. Wm. R. Pease, retired, '68-'69.
- Lieut.-Col. Walter S. Franklin, citizen, '69-'70.
- Wm. J. L. Nicodemus, citizen, '70-'79. Died Jan. 6, '79.
- Capt. Charles King, '80-'83.
- Lieut. Geo. N. Chase, 4th Art., '83-'85.
- Lieut. Lingi Lornia, 5th Art., '85-'88.
- Lieut. James A. Cole, 6th Cav., '88-'91.
- Lieut. Hugh I. McGrath, 4th Cav., '91-'95.
- Lieut. Edward Chynoweth, 17th inf., '95.
- Lieut. Carroll A. Devol, 25th inf., '95-'96.
- Lieut. John C. W. Brooks, 4th Art., '96-'98.
- Capt. Charles A. Curtis, retired, '98 present time.

The first equipment, to quote the words of Capt. Charles King, "was a mixture of all the old guns and remnants of uniforms discarded by the war department after the Civil War. They had no armory as now and drilled on the upper campus."

From the crude equipments and awkward drill of those days, the military department has grown to its present efficient state and not a little of the credit belongs to the present commandant Captain Charles A. Curtis, who has handled this department since 1898. Captain Curtis has conducted this work for the past thirty years and has, in that time, had charge of schools in Vermont, Minnesota (Shattuck School), Florida, Ohio, California, Missouri, Indiana and Wisconsin.

At present the military department consists of the infantry regiment, and the signal corps. The signal corps maintains a very high standard and at the inspection last year, the inspector Major Huggins mentioned in a special report, the fine work of Captain N. L. Hurd, who had charge of this work.

This year the Signal Corps consists of twenty-four men, two freshmen and two sophomores from each company. The Myers signal code of the United States Army and Navy is used. It comprises signals made by the use of flags and torches, the heliograph and signaling by means of steam whistles.

The winter months are spent in learning the code and the spring work comprises out door practice in signaling from one point to another. The corps is commanded this year by Major Allan S. Neilson.

The infantry regiment comprises six companies of about sixty men each and although not as efficient as could be wished for, is improving every year and received hearty commendation from Major Huggins at the annual inspection last spring. The officers this year are as follows:

- Colonel, Lynn H. Tracy.
- Lieut.-Colonel, Paul Stover.

Regimental Adjutant, Gustav A. Fritsche.

Major Nathaniel L. Hurd, (1st Battalion).

Major Hugo W. Rohde, (2d Battalion).

Major Frederick D. Taylor, Quartermaster.

Captains: Ashbel V. Smith, Fred L. Hook, Stephen C. Phipps, Hawley B. Lennon, Harry G. Kemp, Samuel G. Higgins, William Thorkelson, Percy E. Schroeder.

First Lieutenants: Charles E. Long, Willis W. Waite, Fred R. Porritt, Newell C. Gilbert, William A. Walters, Harry C. Johnson, Leslie W. Beers, Henry Otjen, Oscar H. Hulberg, Henry W. Page.

Second Lieutenants: Wallace W. Miller, Charles S. Thompson, Wm. Hagenah, Sidney H. Bishop, Frank P. Woy, Arthur Reitman.

Two hundred new Springfield rifles have been received from the United States ordnance department for the use of the regiment and a new consignment of better bayonet scabbards, etc., will soon arrive.

Captain Curtis is striving to organize a battery and this will probably

may be pursued throughout the country in the important matter of military instruction as a preparation for the enlargement of the militia system already in operation in several of the states. Many inquiries have been sent to Washington in relation to this matter and the impression gains ground daily that the time is ripe for a complete modification of present ideas in regard to including a military drill with the other portions of a collegiate and University education. It is believed the larger number of college professors and teachers will favor this idea when properly presented and there will, it is hoped, be no great difficulty in the institution of a genuine military curriculum among the numerous institutions of learning throughout the length and breadth of this country. Indirectly the Army will be a gainer by some such definite method of military instruction in the colleges and the impression is abroad that the standard for entry to West Point should be raised as soon as the new idea has had a chance for action among the students of the country. A careful study of the matter will convince any one of the importance of

other. The representatives of the "Big Nine" who recently met in Chicago, condemned the playing of professionals on the smaller colleges and will do their best to make these institutions live up to the rules. This action aids Wisconsin, as well as other institutions and our players will no longer feel the chagrin of being trounced by professional representatives of schools which violate the rules.

Just because Wisconsin was unsuccessful last spring many students say, "We never have a good team and never will have." Now, anyone who sits down and reasons it out will recognize the folly of such a statement. First, and most important of all, we will have a better coach than any other college team, East or West. The team will be one of veterans, reinforced by a number of new players of exceptional ability. The infield will be an especially strong one as there are candidates who are able to hit the ball when called upon, as well as field cleverly when the opponents are at bat. The competition for positions will be keen, and every member of the team will have to work hard to



Officers of the University Regiment.

be done as soon as the necessary equipment can be secured. The commandant has several times made a requisition for a breech loading field piece but the War Department announces that at present the arsenals are barely supplying the needs of the army and therefore no artillery can be sent.

One of the features of the drill is the competitive drill held each year for prize medals. In the preliminary drills one company is selected from each battalion and these two companies compete in the final drill. Last year Company H, commanded by Captain Lynn Tracy won first place with Company E, commanded by Captain Burton Bridge second. Silver medals were presented to every man in the winning company and gold medals to the commissioned officers. This year the competitive drill will be held in June near the close of the drills.

One question which will interest University students everywhere is the rumor from Washington to the effect that the War Department will in the course of a few weeks, formulate a method and system for a comprehensive curriculum to be carried out in all of the colleges of the country where a military officer has been detailed for instructor and tactical officer. The intention is to bring these various institutions into touch with the existing state of affairs at West Point in order that a definite method

this movement to the future of the nation and the sooner this is observed by the students of Wisconsin and other universities, the sooner will the standard of work be raised and their efficiency and effectiveness be unequalled in the country.

BASE BALL.

By Arthur H. Curtis.

Base ball has had a revival in other universities during the last two years, and, in the natural course of events, a revival is about due here. By their attendance at the games in the early part of last season the students showed that they still feel a great interest in base ball.

Although our last year's record is not one to be proud of, it has some redeeming features. For instance, we defeated Michigan here in a well played game, and later in the season, duplicated the trick at Detroit. Two teams of the "Big Nine" defeated us in the majority of games we played with them last year. One of them, Illinois, was composed entirely of veterans, and it was only natural that they should win. The other team, Minnesota, was composed of players, who, it is well known, were of very doubtful standing both from scholarly and amateur standpoints. With an aggregation of green men we could scarcely hope to be successful against such opponents. Of two games played with Chicago, we won one and lost the

get his position.

Other members of the "Big Nine" will lose many of their star players. Lesser institutions will be forced to live up to the rules, so we need not have our old-time fear of them. With all these points in our favor it is not optimistic to look for a team which will finish well up in the front rank.

What the Comparative Scores Say.

Wisconsin.		
Wisconsin	50;	Ripon 0.
Wisconsin	5;	P. & S. 0.
Wisconsin	11;	Beloit 0.
Wisconsin	64;	Upper Iowa 0.
Wisconsin	45;	Grinnell 0.
Wisconsin	5;	Minnesota 6.
Wisconsin	54;	Notre Dame 0.
Wisconsin	39;	Chicago 5.
Wisconsin	27;	Illinois 0.
Total	300;	Total 11.
Minnesota.		
Minnesota	0;	Central High 0.
Minnesota	26;	St. Paul High 0.
Minnesota	65;	Macalester 0.
Minnesota	44;	Carleton 0.
Minnesota	27;	Ames 0.
Minnesota	6;	Chicago 6.
Minnesota	26;	Grinnell 0.
Minnesota	34;	N. Dakota 0.
Minnesota	6;	Wisconsin 5.
Minnesota	23;	Illinois 0.
Minnesota	21;	Northwestern 0.
Minnesota	20;	Nebraska 12.
Total	298	Total 23.


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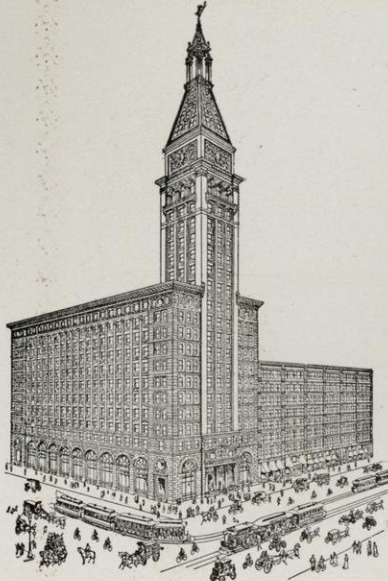
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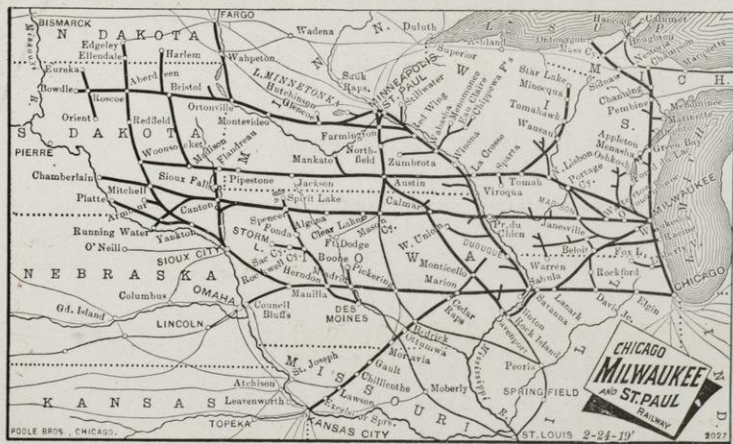
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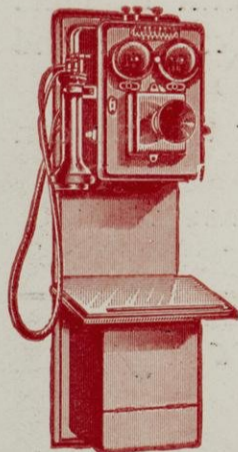
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