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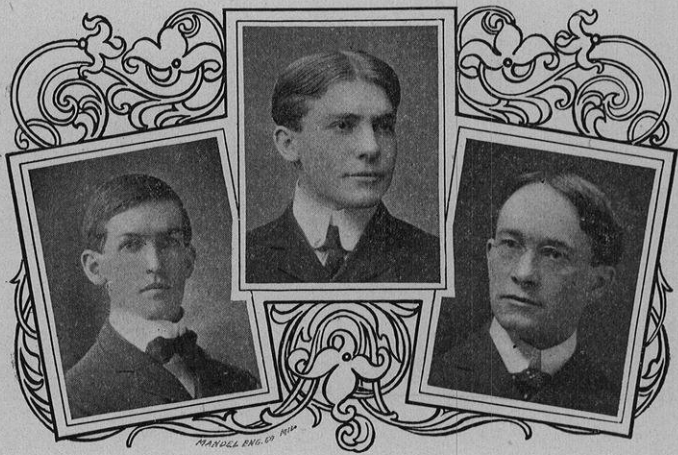
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MICHAEL B. OLBRICH.

ROBERT M. DAVIS.

JOHN A. O'MEARA.

ATHENÆAN DEBATE TEAM.

[Winners of the Thirty-Second Annual Joint Debate.]

THE
WISCONSIN ALUMNI MAGAZINE.

VOL. III. JANUARY, 1902. No. 4.

THE JOINT DEBATE.

Among the best of Wisconsin joint debates was that of 1901, between the traditional rivals, Athenae and Hesperia. Usually, there is a clear advantage in matter of preparation or debating ability in favor of one team as against the other. But on this occasion so well were both sides of the question sustained that the result was in doubt until the judges' decision had been rendered.

A noticeable feature of this contest was the marked difference in the styles of debate followed by the opposing teams. The Hesperian speakers fortified their every proposition by an appeal to statistics, tabulations and calculations; indeed, their display of charts was said to be the largest ever made in a joint debate, and certainly this method of impressing the minds of the jurors was carried to an extreme. The Athenæans, on the contrary, used few charts, and relied upon a simple, logical and connected argument. The difference in methods resulted largely, however, from the respective difficulties of the two sides of the question. The affirmative (Athenae) had in its favor the weight of opinion of eminent authorities, sustained by a

priori arguments which, plainly stated, would appeal to the hearer as at least plausible. The negative (*Hesperia*) could offset these advantages, if at all, only by placing before the judges a vast mass of facts, carefully compiled and collated, in order that first impressions might be effaced and the justice of the opposing contentions inferred at first hand. The tactics of the affirmative, supported as they were, were justified by success; but those of the negative nevertheless left upon the audience an impression of more painstaking study and preparation.

The question, which had been framed by the *Hesperian* team, read as follows:

"Would the relinquishment by the federal government of its right to tax inheritances to the states exclusively be preferable to the relinquishment by the states of their right to tax inheritances to the federal government?"

"It being mutually conceded:

"(1) That all rights of taxation of inheritances now possessed by the states or by the federal government can and will be transferred by either to the other.

"(2) That the federal government stands in need of revenue, and that the federal tax can become a law.

"Interpretation: 'Inheritances' to mean transfers of property by descent, devise or bequest; transfers of property by the intestate laws of the states; transfers of property by deed, grant, bargain, sale or gift, made in contemplation of the death of the grantor, vendor or donor, or intended to take effect in possession or enjoyment at or after such death."

Prof. D. B. Frankenburger acted as president of the evening. The judges were Prof. Charles H. Haskins, Justice J. E. Dodge and Prof. William A. Scott.

Of the *Hesperian* debaters, Solomon Huebner, of Manitowoc, this year's closer, was also a member of the team which last year defeated *Philomathia*. He was closer on the winning side in



SOLOMON HUEBNER.

MAX H. STREHLOW.

WILLIAM J. HAGENAH.

HESPERIAN DEBATE TEAM.

blowout and semi-public debates, and is now a senior in the English course. William J. Hagenah, of Madison, was a winning closer on blowout and semi-public teams; he is an English junior. Max H. Strehlow, of De Forest, is a senior in the civic-historical course; he was a semi-public debater.

Michael B. Olbrich, of Lawrence, Ill., was Athenae's closer. He was a semi-public closer and a member of last year's *Badger* Board. He is a senior in the English course. John A. O'Meara, of West Bend, is also an English senior. He was a blowout and semi-public closer. Robert M. Davis is from Racine, and is a senior in the civic-historical course. He closed on the blowout and semi-public, was on the '02 *Badger* Board, and was class president in his sophomore year. He is a member of the Delta Upsilon fraternity.

Mr. Davis, in opening the debate on the part of the affirmative, argued that a deficiency in revenue is more easily met by the national government than by the states. The states are debarred from levying the indirect duties by which the nation easily raises an immense revenue. A general property tax, practically the only direct tax by which states can raise money, is antiquated, furnishes a screen for fraud, and is condemned by all authorities. The states are seeking to escape from the necessity of depending upon a general property tax, and the inheritance tax is the alternative to which they naturally turn. It is an indirect tax, such as has been wished for. That it is needed by the states is shown by the fact that twenty-six of them have now adopted it, and that it forms a very large item in their annual income. To deprive the states of this source of revenue would be to inflict a great hardship.

In opening for the negative, Mr. Strehlow insisted that the affirmative could not, under the wording of the question, use the present surplus in the national treasury in support of their argument. He read letters showing that the state governments

have ample means of raising revenue exclusive of the inheritance tax. The present system, by which inheritance taxes are imposed by both state and national governments, is unscientific and unjust. The present national system of indirect taxation, he held, is inequitable, in that its burdens are imposed without regard to ability to pay. Only two taxes are possible as a substitute for customs and internal revenue duties; these are the income and inheritance taxes. The former is now impossible. The advantages of an inheritance tax are these: It is graduated with regard to proportional ability to pay; it is less oppressive than the present system of national taxation; it is paid less unwillingly; is less burdensome on industry; it lends itself better to progression; it is more certain in its results; it is akin to an income tax, but far superior in practicability; it agrees with every canon of taxation. An inheritance tax is not fitted to the use of states because the returns are subject to great fluctuations when its operation is confined to a small area. A great number of independent states cannot work up a uniform and just system.

Mr. O'Meara contended that the inheritance tax has been successfully administered in the states. The machinery for its enforcement already exists in the probate courts, and for this reason the states are in better position to enforce such a tax than the national government. An income tax is not satisfactory. It is possible that the United States can enforce an income tax, but the states cannot. A corporation tax meets with general difficulties because of the inability of the states to deal with corporations. Corporations should be taxed by the general government. The interstate commerce law interferes with state action, and there is constant danger of federal encroachment upon state corporation taxes.

Mr. Hagenah, continuing the debate for the negative, made the point that the same difficulties apply to a national corpora-

tion tax as to one imposed by the states. He argued that a corporation tax is properly a state tax. Statistics, official reports and personal letters were quoted to show that the present financial condition of the states is excellent; state debts are rapidly disappearing; there is a constant excess of receipts over disbursements; and the states are gradually relinquishing the general property tax. The income from corporation taxes has greatly increased, while that from inheritance taxes has decreased. The minor political units, counties and cities, are also in excellent financial condition. Statements from the financial officers of the various states show that the states are in need of no additional revenue; that there is no agitation to introduce an inheritance tax where it does not exist, nor to extend its operations where such a tax is now levied; that the inheritance tax has caused no reduction in the general tax rate, that it affords no prospect of increased revenue, and that it is unpopular where in use. The speaker also urged that there is a rapid increase in the expenses of the national government as compared with state governments, due largely to constitutional restrictions upon state activities and to the great increase in national duties.

The affirmative side of the debate was closed by Mr. Olbrich. He said that the states are administering this tax better than any other tax. The federal government depends upon state machinery for the collection of state inheritance taxes, and only the states have authority to compel estates to be settled in the probate courts. The inheritance tax, he said, is at present of little value to the federal government. Leading economists agree that this source of revenue should be left to the states. The last session of the Wisconsin legislature memorialized Congress to repeal the tax on legacies. To prove that the inheritance tax is not needed by the federal government, the speaker produced figures showing that by the reimposition of civil war rates on liquors and tobacco, the reimposition of the recently repealed

war taxes, and the extension of corporate taxes, the United States has at present untouched sources of revenue which would yield over \$400,000,000. In proportion to total revenues, the inheritance tax means nearly five times as much to the states as to the national government. There is a crying need for reform in state systems of taxation, and the inheritance tax offers the only practical solution of the problem.

Mr. Huebner closed on the part of the negative. He said that abundant substitutes exist for the reform of state taxation. State officials recommend the levying of many other taxes. Many reforms are necessary to equalize taxation which would greatly increase state receipts. There is a tendency toward the increase of corporation taxes and taxes on franchises faster than state expenditures increase. The negative proposed a national inheritance tax modeled upon the English and French taxes and based upon foreign experience. Under this system, direct heirs would be taxed one per cent. and the rate would increase symmetrically both as the kinship becomes more remote and as the amount involved increases. The proposed system would yield at least \$60,000,000, or ten times as much as the present normal yield under the state systems. This will be reliable, will at once constitute an important feature of the national system of taxation, and will gradually become more important.

Mr. Davis occupied three minutes in rebuttal. He emphasized the fact that the states need revenue. The great problem before the states is to secure an adequate state revenue system. The negative had not shown that any authority proposes that the federal government shall increase its inheritance tax. Therefore there is no prospect of development under the national system. The development has all been in the state taxes. Every state quoted by the negative as having enough revenue is a state having an inheritance tax. The weight of authority, he said, is all in favor of the position of the affirmative.

A STUDENTS' BED IN THE MADISON HOSPITAL.

While our University has kept abreast with the times in scholarship and athletics, in agriculture and military affairs, in one respect we are still far behind many of our sister institutions—we are doing nothing for our sick students. It seems to me, in this respect we are not far in advance of the primitive conditions which I well remember when I came here in '68. Those were the days of the old North Dormitory. The condition of the sick student in that building was indeed pitiful—as many of the older alumni could tell.

Now that the modern boarding house has taken the place of the dormitory, the conditions for the sick student are not greatly improved. The mistress of the boarding house, though often most kind-hearted, has no accommodations for sickness. The wealthier students, it is true, can secure nurses and extra room, but for the poorer ones—who are paying for room and board by daily work—the prospect in sickness is gloomy and well-nigh hopeless. It is not necessary here to dwell upon the fact that from these same poor young men and women come some of our strongest and most honored graduates. They are well worthy every help we can give them.

Now, in looking over the records of the more important universities in our country, we find that many of them have an infirmary, considered a regular part of the institution, where sick students have a right to be cared for, only those paying whose means allow it. It is true that we also should make some like provision for our students, now nearly three thousand in number.

Chadbourne Hall has already been equipped with an infirmary and a resident nurse, but this of course reaches only the young women who live in the Hall. For the young men, nothing has been done. Of course, emergency cases will always be

met by any hospital; but for sickness of days and weeks there are only two ways in which our hospital receives patients; either they are regular pay patients, or come under the class of "city poor," and are paid for by the fund which the city appropriates yearly for charity patients. The poor student belongs to neither of these classes.

For this reason, a movement is on foot for endowing a free bed for students in our Madison hospital. It is for this object that we are selling the German calendar, prepared by Mrs. Eaton, a notice of which is in the December ALUMNI MAGAZINE. But the profits from this will form but a nucleus for the funds needed. According to a hospital report which I have before me, between fifteen hundred and two thousand dollars is called an endowment for a free bed.

We should be most grateful to any of the alumni who will give his aid in this matter. The endowment of this bed is in the special charge of the woman's committee of the Hospital Association, which consists of Mrs. J. W. Hobbins, Mrs. Joseph Jastrow and myself. Any contributions, whether large or small, sent to me will be gratefully acknowledged through the columns of the ALUMNI MAGAZINE.

Address,

Mrs. WILLIAM F. ALLEN,

228 Langdon st.,

Madison, Wisconsin.

U. W. MEN IN THE SPANISH WAR.

A list of University men who served in the United States military or naval forces during the Spanish-American war was printed in this magazine in June, 1900, and two supplementary lists have since been published. The whole list is now re-

printed, with numerous additions and corrections, and it is as complete as it is now possible to make it. Data for the corrections have been sent in by many readers, but the greater part of the names, with details of service, were furnished by Capt. C. A. Curtis from the records of the University military department, and he has also kindly revised the whole list:

- '69.
Culver, Jacob H., '69 *prep*, capt., Co. E, 32nd U. S. Vols.
- '75.
Palmer, George, ('75), capt., 9th U. S. Inf.
- '76.
Hunter, C. J., ('76), maj., 2nd Wis. Vols.
- '80.
Anderson, Martin A., ('85), chief engineer, U. S. navy.
Powell, Archibald O., capt., Co. F, 2nd U. S. Vol. Engineers.
- '81.
Evans, Charles R., maj., 6th U. S. Vol. Inf. ("Sixth Immunes.")
- '83.
Kingston, John T., corp., Co. L, 2d Wis. Vols. Died at Coamo, P. R., August 26, 1898.
- '84.
Boardman, Charles R., adjutant general, state of Wisconsin.
Stearns, Daniel Asaph, ('84), maj., 1st Wis. Vols.
- '85.
Anderson, Martin A., ('85), chief engineer, U. S. navy.
Hutchinson, James M., 2d lieut., Co. M, 71st N. Y. Vol. Inf.
- '86.
Greene, Howard, regimental adjutant, 4th Wis. Vols.
- '87.
Bamford, Frank E., capt., 28th U. S. Inf.
Bennett, Grant R., '87 *l*, captain in an immune regiment, Galveston, Texas.
Burns, Edward E., '87 *l*, capt., Co. M., 4th Wis. Vols.
- '88.
Poorman, William H., lieut., 1st Montana Inf., U. S. V., May 9, 1898-Oct. 17, 1899.
Van Ornum, J. L., maj., 3rd U. S. Vol. Engineers, commanding 2nd battalion.

'89.

Holman, John, '89 *l*, 2nd lieut., 1st S. Dak. Vols.

McCully, James, '89 *l*, 2nd lieut., Co. F, 2d Wis. Vols.

'90.

Brumder, William C., colonel and aide-de-camp, W. N. G.

Case, J. Frank, ('90), capt., 1st Oregon Vols; later major of engineers, U. S. army.

'91.

Chapman, Chandler B., ('91), battalion adjutant with rank of 1st lieut., mounted.

Dennis, W. A., maj. and surgeon, 15th Minn. Vols.

Huntington, S. D., lieut. surgeon with U. S. army in Philippines.

McCoy, Robert B., '91 *l*, capt., Co. L, 3d Wis. Vols.

Ransom, George B., engineer, U. S. navy.

'92.

Cole, Willard C., '92 *l*, Co. C, 2nd Wis. Vols.

Coyne, William H., '92 *l*, Co. G, 1st Wis. Vols.

Paul, George H., Jr., ('92), ass't engineer Cutter *Forward*, Cutter *Dallas* and Cutter *Windom* during Spanish war; chief engineer U. S. Transport *Hancock* during Chinese troubles.

'93.

Benfey, Theodore W., Co. C, 2d Wis. Vols.

Jacobs, Herbert H., chaplain, 4th Wis. Vols.

McCoy, Clark S., ('93), quartermaster sergeant, Co. L, 3rd Wis Vols.

McGrath, Hugh J., '93 *l*, capt., 4th U. S. cavalry. Died at Manila, Nov. 7, 1899.

Week, John A., ('93), sergt., Co. I, 4th Wis. Vols.

'94.

Bowman, Frank E., acting asst. surgeon, 3rd Inf., U. S. A.

Curtis, Laurence A., ('94), Co. G, 1st Wis. Vols.; 1st lieut., 22nd U. S. Inf., Mar. 2, 1899.

Haben, Leo, '94 *l*, corp., Co. B, 2nd Wis. Vols.

Howland, Wheeler, capt., Co. L, 4th Wis. Vols.

Lyman, Theron U., '94 *l*, Co. D, 1st Ill. Vols.

MacBride, Robert J., Jr., '94 *l*, Co. A, 3rd Wis. Vols.

Moses, Albert B., 1st lieut., Co. B, 4th Wis. Vols.

Rickeman, George W., ('94), 2nd lieut., Co. F, 1st Wis. Vols.; capt., 45th U. S. Vols., in Philippines.

Shurly, Burt Russell, apothecary, U. S. N.; asst. surgeon, Michigan State Naval Brigade, U. S. S. *Yosemite*; acting asst. surgeon, Chickamauga, Aug.-Sept., 1898.

'95.

Ascott, George W., '95 *p*, hospital steward, 3rd Wis. Vols.

Buerstatte, Julius H. C., ('95), electrical engineer, transport *Resolute*.

Carpenter, Fred J., '95 *l*, 1st lieut., Co. I, 4th Wis. Vols.
 Copeland, Edwin B., ('95), Co. H, 1st Wis. Vols.
 Dudgeon, Matthew S., '95 *l*, Co. G, 1st Wis. Vols.
 Ryan, John E., Co. M, 3rd Wis. Vols.

'96.

Atwood, David, ('96), Co. E, 17th Penn. Vols.
 Carlsen, Charles J., 1st lieut., U. S. Vol. Engineers.
 Dawson, Richard J., '96 *l*, capt., Co. F, 4th Wis. Vols. Died, Anniston,
 Ala., Nov. 26, 1898.
 Greene, John V., '96 *l*, Co. M, 2nd Wis. Vols.; 1st lieut., 34th U. S.
 Vols.

McCard, Henry Stanton, asst. surgeon, 9th Ill. Vols.
 Ramien, Richard B., '96 *l*, sergt., Co. E, 4th Wis. Vols.

'97.

Bacon, John H., Co. M, 3rd Wis. Vols.
 Goodyear, Alva S., ('97), 1st lieut., Co. K, 3rd Wis. Vols.
 Hase, William F., '97 *l*, 1st lieut., U. S. Art. Corps.
 Kurtz, Charles M., corp., Co. E, 2nd U. S. Vol. Engineers.
 Sheldon, Shepard L., ('97), Co. A, 1st Wis. Reg. U. S. Vols.
 Smeiker, Roy C., Co. G, 1st Wis. Vols.
 Urquhart, Kenneth F., '97 *l*, Co. B, 4th Wis. Vols.

'98.

Alexander, Albert F., quartermaster sergt., Co. H, 3rd Wis. Vols.
 Hagemann, Charles F., sergt., Co. D, 3rd Wis. Vols.
 Shepard, Albert C., '98 *p*, hospital steward, U. S. army in the Philip-
 pines.
 Street, Lester, ('98), seaman on gunboat *Castine*.
 Stockett, Norman, '98 *l*, Co. G, 1st Wis. Vols.
 Waller, E. C., ('98 *l*), Troop E, Rough Riders. Wounded slightly,
 July 2, 1898.

'99.

Behnke, Henry J., ('99), Co. G, 2d Wis. Vols.
 Case, Henry C., '99 *l*, Co. G, 1st Wis. Vols.
 De Lay, Cyril Scott, ('99), band, 1st Wis. Vols.
 McPherson, Wallace, ('99), corp., Co. K, 3d Wis. Vols.
 Ragland, John K., ('99), Missouri Vols.
 Sexton, Andrew R., ('99), Ill. Vol. Marines.

'00.

Austin, Rolland M., ('00), Co. H, 1st Wis. Vols.
 Henkes, David A., ('00), 1st sergt., Co. G, 1st Wis. Vols.; appointed
 2d lieut., 28th U. S. Inf., Feb. 2, 1901.
 Henry, Herbert A., ('00), Co. C, 1st Wis. Vols.
 Jackson, Charles, ('00), Co. I, 1st Wis. Vols.
 Robinson, Robert E., ('00), Co. E, 1st Wis. Vols.

Saucerman, Willard T., '00 I, Co. H, 1st Wis. Vols.
Sexton, Leo E., ('00), Ill. Vol. Marines.

'01.

Bridge, Burton H., corp., Co. H, 1st Wis. Vols.
Coville, Herbert C., ('01), Co. H, 2d Wis. Vols. Died at Charleston,
S. C., July 19, 1898.

De Souci, Pierre F., ('01), 5th U. S. Cav.
Esch, George E., ('01), corp., Co. L, 3rd Wis. Vols.
Hendrickson, Karl S., ('01), Co. G, 1st Wis. Vols.
Jacobson, Louis C., ('01), corp., Co. B, 4th Wis. Vols.
Lawson, George L., ('01), Co. G, 1st Wis. Vols.
McCullagh, Robert H., ('01), sergt., Co. E, 2nd U. S. Vol. Engineers.
Nelson, Nels B., Co. E, 3rd Wis. Vols.
Palmer, Ray, corp., Co. L, 3rd Wis. Vols.
Price, Clinton G., '01 I, corp., Co. G, 1st Wis. Vols.
Williams, John P., ('01), corp., Co. L, 3rd Wis. Vols.

'02.

Campman, William A., '02 I, corp., Co. A, 3rd Wis. Vols.
Greaves, Arthur C., ('02).
Lewis, Arthur W.
McKinnon, Donald J., ('02), Co. E, 3rd Wis. Vols.
Meehan, Frank R., ('02), Co. D, 1st Wis. Vols.
Woodard, Daniel W., ('02), Co. E, 1st Wis. Vols.

'03.

Armstrong, Arthur, ('03), sergt., Co. L, 2nd Wis. Vols.
Bandelin, Oscar J., band, 4th Wis. Vols.
Dean, Earl S., ('03). On battleship *Indiana*.
Evans, Evan I., ('03), Co. L, 3rd Wis. Vols.
Gabel, George H., 5th U. S. Cav.
Johnson, Harry C., 2nd Ill. Vol. Engineers.
McNown, William C., Co. D, 3rd Wis. Vols.
Conditt, Dudley N., ('03), orderly, Hospital Corps, U. S. A.
Oakland, Harry G., ('03), sergt., Co. H, 4th Wis. Vols.
Simmons, George M., ('03), Co. M, 4th Wis. Vols.
Stevens, Harold L., Co. K, 3rd Wis. Vols.

'04.

Adamson, James A., ('04), Co. G, 1st Wis. Vols.
Allen, Jean M., corp., Co. I, 2nd Wis. Vols.
Arnold, Frederick, '04 I, Co. H, 3rd Wis. Vols.
Bunker, Franklin H., ('04), Co. H, 3rd Wis. Vols.; Hospital Corps, 1st
Brig., 1st Div., 1st Army Corps, U. S. A. (Porto Rico); Hospital Corps,
3rd U. S. Inf., (Ft. Snelling, Minn.).
Enfield, John B., ('04), U. S. Vols. (in the Philippines).
Frost, Donald K., Co. C, 12th Minn. Vols.

Fullerton, Elmer A., ('04), Co. F, 2nd Wis. Vols.
 Gardner, Harry, Co. E, 1st Wis. Vols.
 Kinne, William S., Co. C, 12th Minn. Vols.
 Miller, William J., ('04), Co. C, 3rd U. S. Engineers.
 Stark, Harold M., ('04), Co. H, 203rd N. Y. Vols.
 Voight, Fred C., ('04), Co. C, 2nd Wis. Vols.
 Young, Evan E., '04 *l*, capt., 11th U. S. Vol. Cav.

'05.

Evans, David J., machinist, U. S. navy, steamer *Oregon*.
 Forrester, Abraham C., Co. I, 2nd Ill. Vols. Transferred to hospital steward; also transferred to signal corps.
 Jarvis, John D., Co. M, 3rd Wis. Vols.
 Klatte, Alfonzo J., Bat. A, 1st Wis. Vol. Art.
 Reich, Albert I., Co. K, 3rd Wis. Vols.
 Ritger, Arthur, Co. G, 2nd Wis. Vols.
 Whinery, Ralph H., Co. H, 49th Iowa Vols.

AGRICULTURE.

Morrow, Clarence, '97 *d*, Co. H, 45th U. S. Vol. Inf.
 Schultz, Walter F., *ag*, Co. G, 1st Wis. Vols.
 Stone, Alden L., '99-00 *ag*, Co. K, 2nd Wis. Vols.
 Wallace, J. W., '98 *d*, Co. G, 1st Wis. Vols.

The following names of non-graduates have been furnished us, whose classes are unknown:

Beveridge, Byron G., corp., Co. G, 2nd Wis. Vols.
 Blanchard, R. D., 2nd lieut., Co. C, 4th Wis. Vols.
 Clark, P. E., hospital steward, 4th Wis. Vols.
 Gould, M. R., 2nd lieut., Co. L, 3rd Wis. Vols.
 Miller, Albert L., hospital steward.
 Thorgerson, Christopher, Co. H, 52nd Iowa Vols.
 Townsend, R. G., capt., Co. F, 4th Wis. Vols.
 Wilcox, N. R., Co. B, 4th Wis. Vols.
 Williams, H. N., hospital steward.

CHURCH WORK AT THE UNIVERSITY.

At the state convention of Congregational churches at Green Bay, in September, 1900, plans were discussed for the inauguration of active church work at the University among students of Congregational affiliation. As a result of the discussion, the

following resolutions were adopted, and a committee, consisting of Dr. E. G. Updike, Henry Faville, S. P. Wilder, R. C. Denison and H. H. Jacobs, '93, was appointed to report at the convention in 1901.

"In view of the fact that there are over three hundred young men in our State University who are members of Congregational churches and a proportionate number of young women, as well as a large number of others whose church preference would be Congregational—over two hundred more—and in view of the fact that nothing is being done by the denomination as a whole towards promoting the religious life of these young people,

Resolved, That a committee of five be appointed by this convention to devise some plans by which the Congregational churches may meet the opportunity afforded and the responsibility imposed in this gathering of our young people by providing some methods of ministry to their spiritual life. And be it further

Resolved, That this committee be requested to report at the next meeting of the state convention."

At the convention held in October last, this committee presented the following report:

"There are two or three stubborn facts that remind us that we are here face to face with a 'condition, not a theory.' Of the 3,000 students at the University, 49 per cent. are church members. Of the remaining 51 per cent., many are church sympathizers. More than 300 men of the University are members of Congregational churches, besides many young women. There are also many young people, not church members, who come from Congregational homes. Moreover, your committee believes that in the future our young people will go in increasing numbers to the University. 'Nothing is being done by the denomination as a whole,' says this resolution, 'towards promoting the religious life of these young people.'

“These are the bald facts in the situation. Is there a more important or more promising parish in Wisconsin? Here is a parish with 300 young men—members of Congregational churches, an equal proportion of young women members, besides at least 200 additional young people from Congregational homes, for whose spiritual life the denomination as a whole is doing absolutely nothing. The University authorities are most friendly to all efforts towards Christian nurture of the students. Here then is an opportunity and a responsibility calling for the earnest consideration and prayer of this convention.

“In view of these facts, your committee appointed to devise some plan for meeting this opportunity and responsibility makes the following recommendations:

“1. That we endorse the movement now on foot to secure a Y. M. C. A. building at the University, and recommend that our churches give their moral and financial support to that-movement.

“2. That funds be secured to provide Congregationalists of national reputation as university preachers during several Sundays in each year,—such men as Dr. Gladden, Dr. Abbott, Dr. Gordon,—who would preach on Sunday at the University and remain for private conference during the week, as is done at Oxford, Harvard and Cornell. ‘Not the least valuable of my college experiences,’ said one Harvard man to me, ‘were two private conferences with Phillips Brooks, the university preacher.’ What would it mean to have the hand of a Phillips Brooks laid upon the lives of young men just making their life decisions?

“3. That funds be secured for a Congregational house or houses at the University, presided over by some professor and his wife, or better yet, by a university pastor, in which a home shall be maintained for our Congregational students at reasonable rates. Such a dormitory would have an influence not un-

like the Oxford college, the American small college, and the best fraternities. Such a home would be immensely appreciated by students lost and homesick in the many diversified streams of the University life.

"4. That we look ultimately to the establishment of a great religious teacher or teachers at the University who will teach things that the University cannot teach, whose work will be of a sufficiently high order to draw students, and whose courses will be accepted as credits by the regular University authorities.

"5. That this convention shall appoint a committee who shall incorporate or take such legal steps as are necessary for the reception and disbursement of gifts and trust funds, and shall proceed at once to the carrying out of some spiritual work at the University along the lines of these recommendations, such committee to report annually to this convention."

A committee, consisting of Dr. E. G. Updike, President C. K. Adams and H. H. Jacobs, was appointed in pursuance of the suggestions of this report.

The same subject was discussed in the national council of Congregational churches, at Portland, Maine, October 12th last, and the result was the adoption of this resolution:

"*Resolved*, That this council regards with favor the project of establishing foundations of a religious character in connection with our great state universities, whose purpose shall be to provide pastoral care, religious instruction and helpful Christian influence to the students there assembled, and we heartily commend this enterprise to those of generous spirit, as in the highest degree worthy of their sympathy and their gifts."

The *Congregationalist*, the official national paper of the Congregational churches, devoted over a column to this resolution, saying in most cordial support editorially of this work, that it is "as important an opportunity as Congregationalists have ever faced in the history of their educational work for the country."

Dr. Updike and Mr. Jacobs, of the Wisconsin committee, are now engaged in carrying into effect the plans already outlined. President Adams, through illness, has been unable to act upon the committee. A strong board of trustees of representative Congregationalists of the state is being organized, which board will be incorporated to receive and disburse funds. Correspondence has been begun to secure one or two strong men for university preachers for the current college year, and to raise funds for that purpose. For purposes of personal work and solicitation, a circular is being prepared, explaining what has been done and what is hoped. From advance sheets of this circular, received by the *MAGAZINE* from Mr. Jacobs, the following answers to possible objections may be quoted:

"This plan does not contemplate a reunion of church and state. No one wishes to 'put the chicken back into the egg.' A religious foundation at the University cannot be in any way a corporate or official part of the University, nor can it be at all recognized officially or semi-officially. If credits are given for work done, it can only be on the same basis that credits are now given for work done, it can only be on the same basis that credits given for work done at Beloit, Milwaukee-Downer, Ripon, etc.

"If the churches wish to camp across the road from the University, there is no power in the Constitution, the Supreme Court, or anywhere else to prevent. Let the churches quit picking and kicking at the so-called 'secular' University management and instead put their strong arms about the University in loving helpfulness.

"Are not the Madison churches sufficient? No. Father Knox and Father Naughton for the Catholics, and Dr. Updike for the Congregationalists, are doing splendidly for the students, as are the other churches. But this student parish belongs to the whole state and is too great a burden for the local church. Michigan and Missouri are far ahead of us in this line of work.

“Will not this hurt the religious small colleges? No. Not that we love Beloit, Ripon, Downer, etc., less, but that here are an equal number of students uncared for. The interests of Christian education in both college and university rise or fall together. The churches must care for both and not set one against the other.”

PROGRESS OF THE UNIVERSITY.

LANGUAGE AND LITERATURE CLUB.

A club has been formed by the faculty members of the various language departments in the University the object of which is to foster the study of the ancient and modern languages and literatures, and to encourage and stimulate the spirit of research in these departments. The following officers have been elected: president, Prof. C. F. Smith; vice-president, Prof. E. T. Owen; secretary-treasurer, Prof. F. G. Hubbard; program committee, Profs. Slaughter, Voss and Olson.

It is designed to include in the membership of the club the graduate students and members of the instructional staff of the departments interested. Visitors may attend the meetings on special invitation. About a half-dozen meetings will be held during the year, at which will be presented papers of general interest, but representative of the special work of the speaker, as well as papers of a technical nature of somewhat restricted interest.

The first meeting of the club was held on Friday, December 6th. The principal paper of the evening was by Prof. H. B. Lathrop, concerning the relation of the Spanish novel of the sixteenth century to English novel writing. A second paper will be read by Prof. C. F. Smith, on Thucydides VII., 75, in January.

COMPARATIVE STATISTICS.

The following table, showing attendance and total academic population at the thirteen leading universities of the country, appeared in the *Harvard Graduates' Magazine* for December. The figures were furnished by the respective institutions, but are so classified in the table as to render comparison easy. It is shown that in number of undergraduates the order of the great universities is: 1, Harvard; 2, Yale; 3, California; 4, Michigan; 5, Columbia; 6, Minnesota; 7, Wisconsin; 8, Chicago; 9, Princeton; 10, Stanford; 11, Pennsylvania; 12, Northwestern. In advanced and professional departments the order is: 1, Columbia; 2, Michigan; 3, Northwestern (with 550 dental students); 4, Harvard; 5, Pennsylvania; 6, Minnesota; 7, Yale; 8, Columbia; 9, Wisconsin; 10, Chicago; 11, Johns Hopkins. In total regular students the order is: 1, Harvard; 2, Michigan; 3, Columbia; 4, California; 5, Yale; 6, Pennsylvania; 7, Northwestern; 8, Chicago; 9, Wisconsin. In total regular and adjunct students the order is: 1, Harvard; 2, Columbia; 3, Chicago; 4, Michigan; 5, Minnesota; 6, California; 7, Wisconsin; 8, Yale; 9, Pennsylvania; 10, Northwestern.

GREAT UNIVERSITIES.																
	California.	Chicago.	Columbia.	Harvard.	Johns Hopkins.	Leland Stanford.	Michigan.	Minnesota.	Northwestern.	Pennsylvania.	Princeton.	Wisconsin.	Yale.			
I. UNDERGRADUATE DEPARTMENTS, FULL YEAR.																
(a) Arts.....	{ 2099	1164	481	1967	161	{ 1106	1272	{ 1555	553	453	773	869	1238			
(b) Sciences.....		226	601	546	-		473		-	355	466	639	563			
(c) Teachers' Colleges.....		92	526	-	-		-		-	-	-	-	-	-	-	
Total Undergraduates.....	2099	1282	1608	2513	161	1106	1745	1555	553	808	1239	158	1801			
II. ADVANCED DEPARTMENTS, FULL YEAR.																
(a) Graduate Schools.....	168	387	472	311	165	75	103	170	45	180	115	115	329			
(b) Theology.....	-	[186]	-	37	-	-	-	-	155	-	-	-	97			
(c) Law.....	100	[254]	441	626	-	[169]	819	475	175	376	-	245	250			
(d) Medicine.....	161	-	814	505	311	-	474	350	488	538	-	-	148			
(e) Dentistry.....	141	-	-	107	-	-	200	101	550	361	-	-	-			
(f) Pharmacy.....	-	-	-	-	-	-	-	-	-	-	-	30	-			
(g) Veterinary.....	-	-	-	-	-	-	-	-	-	72	-	-	-			
(h) Agricultural and Forestry (Full Course).....	-	-	-	-	34	-	-	27	-	-	-	18	31			
(i) Music and Art.....	85	-	-	-	-	-	-	-	-	-	-	108	134			
(j) Other Schools.....	-	-	-	-	-	-	126	75	247	-	-	-	-			
Total Advanced Students.....	655	494	1727	1620	476	75	1722	1198	1760	1527	115	516	989			
III. ADJUNCT DEPARTMENTS.																
(a) Co-ordinate Women's Colleges.....	-	-	336	450	-	-	-	-	-	-	-	-	-			
(b) Summer Schools.....	799	2350	579	982	-	418	-	208	-	-	-	375	-			
(c) Partial and Short Courses	200?	?	18	-	-	-	-	578	-	185	-	466	-			
Total Adjunct Departments, omitting Students also counted as Full Year.....	630	2198 (?)	923	1432	0	0	418	781	0	185	0	841	0			
IV. OFFICERS.																
(a) Teachers.....	250	202	466	495	141	-	239	265	254	275	92	170	290			
(b) Administrative Officers..	115	48	88	97	13	-	37	30	56	112	45	39	56			
Total Officers.....	315	250	554	592	154	-	273	295	310	387	137	209	346			
SUMMARY.																
I-II. Total regular Students (Undergraduates and Advanced, omitting duplications).....	2754	1776	3199	4123	637	1181	3465	2924	2313	2335	1354	1971	2650			
I-III. Total registered Students (Undergraduates, Advanced, and Adjunct).....	3384	3974	4036	5450	637	1181	3883	3505	2313	3420	1354	2812	2650			
I-IV. Total University Population (Students and Officers).....	3794	-	4590	6000	791	-	4156	3800	2523	2907	1491	3021	2996			
V. GAINS OVER STUDENT REGISTRATION OF NOVEMBER 1, 1900.																
(i) Undergraduates in Arts ..	{ 244	{ 112	135	-23	-19	{ -76	44	{ 105	3	32	28	42	46			
(ii) Undergraduates in Sciences			61	41	-		128		19	45	120	55				
(iii) Advanced Students.....			-23	168	-103		25		-5	-119	51	104	-35	28	-17	50
(iv) Adjunct Students.....			366	243	-2		-		-	167	-1	-10	-45	-	90	-
Total gain.....	587	-	524	-164	6	-81	220	146	97	-29	101	266	139			

PSYCHOLOGICAL JOURNAL CLUB.

Professor Jastrow has organized a Psychological Journal Club, the purpose of which is to give an opportunity of maintaining an acquaintance with current psychological literature as represented in the periodicals. Ten or twelve of these are regularly received in the University library, and furnish an ample supply of material for the purpose. Two or three members of the club report upon assigned articles at each meeting. The membership is composed of ten students who are giving special attention to psychological topics.

GEOLOGY LECTURES.

Just before the holiday recess, Prof. C. R. Van Hise gave a series of three lectures upon the wasting and building of the land. The particular subjects treated were: "Earth-sculpture;" "The work of glaciers;" and "Volcanoes." All the talks were illustrated by lantern slides. While primarily intended for the class in general geology, they were of a popular scientific nature, and were largely attended by outsiders.

ENGINEERING LECTURES.

The following is a list of the special lectures to be given on Friday afternoons during the current year before the students of the College of Engineering:

1. Mr. W. R. Warner, of the Warner & Swasey Co., Cleveland, "Some observations of a mechanical engineer." November 22nd.

2. Professor G. C. Comstock, "Modern study of the stars." January 10th.

3. Mr. H. F. J. Porter, of the Bethlehem Steel Co., "Modern forging." January 17th.

4. Mr. R. W. Hunt, Chicago, "Sir Henry Bessemer." January 24th.

5. Professor T. S. Adams, "Porto Rico." February 14th.

6. Mr. Bertrand S. Somers, of the McCormick Harvester Co., Chicago. February 21st.

7. Mr. A. J. Wurtz, Pittsburg, "The development of the Nernst lamp." March 7th.

8. Professor J. C. Monaghan, "The engineer in empire building." March 14th.

9. Mr. Samuel Insell, president Chicago Edison Company. March 21st.

10. Professor J. G. D. Mack, "The engineer and artisan of antiquity." April 4th.

11. Mr. Samuel Rodman, New York, "Burglar-proof safes and manganese steel." April 11th.

12. Professor Paul S. Reinsch, "Industrial advance in eastern Asia." April 18th.

13. Mr. Magnus Swenson, '80, of the Walburn-Swenson Co., Chicago, "New engineering problems in the cotton belt." April 25th.

COLLEGE OF ENGINEERING SOCIABLES.

The College of Engineering has inaugurated an innovation by holding a series of sociables in the Engineering Building. These affairs are under the management of an entertainment committee composed of four members from the faculty, and two members from each of the four college classes.

Four sociables are to be held during the current year, one each in the months of December, January, February, and March. They will all be held on Saturday evenings from 7:30 to 10:30 o'clock. In general their programs will be similar, and are as

follows: From 7:30 to 8:30 inspection of building and laboratories; from 8:30 to 9:30 an entertainment in the auditorium; from 9:30 to 10:30 dancing in the halls and class rooms, and general social intercourse. No refreshments are served. Music is furnished by a piano which has been rented for the year, and by a students' orchestra.

The first sociable was held on Saturday evening, December 7th, and proved a great success. The attendance is limited to the faculty and students in the College of Engineering and their invited lady guests. The limited accommodations of the building will not permit of a general invitation being extended to the student body. Some four hundred and fifty persons attended the first sociable. The program in the auditorium included the singing of college songs, orchestral music, and a reading by Prof. J. F. A. Pyre. The college songs were of the traditional type, the words of which were photographed on stereopticon slides and projected upon the wall. The singing was led by Mr. E. A. Bredin. The singing of these typical college songs has fallen into disuse in the University, and it is one of the objects of these sociables to revive the practice. This will remain one of the permanent features; some thirty such songs have been selected and photographed, and they will all be sung during the season. After the entertainment in the auditorium the orchestra was moved to the landing between the first and second floors, and dancing was indulged in in the halls and class rooms. Everything was entirely informal.

The expense of these entertain-

ments is, of course, trifling, but it is thought they will serve a most useful purpose in the life of the University. The next one has been set for Saturday evening, January 11th. If the number in attendance should prove to be so great as to create a congestion in the hallways and class-rooms, after the musical entertainment in the auditorium, a special stereopticon entertainment will be given in the auditorium to draw off those who do not care to dance. In this way it is thought that as many as five or six hundred can be comfortably taken care of in the building.

These sociables were suggested by Dean Johnson to take the place of the Saturday evening "at homes" which he and Mrs. Johnson gave to the students in this college last year, the number of students having outgrown the capacity of a private residence.

THE SHORT COURSE IN AGRICULTURE.

Beginning with an attendance of nineteen students in the winter of 1886, and a twelve weeks' course for one winter, the short course in agriculture now covers two winters of fourteen weeks each, and the attendance this year is 294. Since the establishment of the course, 1,440 students have been enrolled; of this number, 221 were from other states; 1,119 from Wisconsin. Instruction is given in the winter, beginning on or about December 1st each year, when the busy farm work is practically over and affairs can be managed with less labor. In order to complete the full course and receive a certificate from the college, the student must return the second

winter and finish all studies embraced in the course.

The student coming to the college for the first winter pursues the following studies: Feeding and breeding of farm animals, veterinary science, stock judging, farm book-keeping, farm dairying, plant life, agricultural physics, parliamentary practice, and blacksmithing and farm carpentry. Of the above, book-keeping, plant life, dairying and blacksmithing are completed during the term; the remaining branches are continued during the second winter, with instruction in agricultural chemistry, bacteriology, horticulture and economics of agriculture as full second-year studies.

In the feeding of farm animals students are drilled in a practical way on the various feeds commonly grown in Wisconsin and neighboring states, and the rations that can be made from them for feeding cows, pigs, horses, sheep and swine. Each student is given an opportunity to participate in putting up rations and feeding the stock on the University farm.

In veterinary science lectures are given on the physiology, anatomy and hygiene of the animal body, with discussions on the diseases of farm animals and their prevention and cure. While not intended to train students for the veterinarian's profession, the instruction is of high value to the stockman.

Breeds and breeding are treated in a practical way, and the students are drilled on the various breeds of live-stock and live-stock judging. In the discussion of the principles, those of heredity, atavism, line-breeding and in-breeding receive attention.

Students are drilled in agricultural physics, on principles affecting the draft of wagons, the construction and management of country roads, the temperature control of barns and dwellings, the construction of silos, cultivation of the soil, tile drainage, and the running of steam engines and other farm motors.

Horticulture and plant life are discussed in lectures, followed by practical work in setting out orchards, the seed and its germination; how plants are affected by heat, cold, moisture, dryness; the propagation and pruning of fruit trees, and the care and growing of small fruits and vegetables.

The object of the drill in farm dairying is to fit men to take charge of and run systematically dairy farms. Special attention is given to cleanliness, and students become familiar with the use of the hand separator, the Babcock test, the lactometer, and the ripening of cream preparatory to making good butter.

UNIVERSITY EXHIBITS AT THE LIVE-STOCK SHOW.

The greatest exhibition of live-stock the world has ever known was held in Chicago from the 2nd to the 7th of December.

The attendance of visitors at the exposition on several of the most interesting days of the week exceeded 85,000 persons. Special provision had been made by the management for exhibits of live-stock from agricultural colleges and experiment stations, many of which availed themselves of this opportunity of demonstrating the value of scientific knowledge in the breeding and feeding of live-stock. The University of

Wisconsin experiment station made a small exhibit of cattle, sheep and swine, competing in the open classes as well as in those provided especially for the colleges.

In the open classes, where the stock came in competition with all exhibitors from the United States and Canada, the following premiums were won by Wisconsin: one championship, one first prize, five second prizes, five third prizes, and two highly commended places.

In the classes reserved especially for the colleges, Wisconsin was awarded one championship, two first prizes, two second prizes and five third prizes.

When it is known that all of the stock that won premiums for Wisconsin was bred and fed at the University farm, and that all of the other institutions competing had purchased their stock especially for this exhibition, winning in only one or two instances on stock produced at the institutions, there is every reason to feel greatly elated over the results of the competition.

ago, owing to failing health. He is at present recuperating in California.

Prof. F. C. Sharp is at present traveling in Europe and is doing advanced work along philosophical lines. He will be back in time to resume work for the second semester.

Prof. R. T. Ely is also on leave of absence for the first semester of this year. He has just completed an extended western lecture tour.

Mr. F. W. Meisnest of the German department went to Europe the past summer. He is doing advanced work in German at the University of Leipzig.

Miss Elsbeth Veerhusen, also of the German department, is studying this year at Leipsig.

Dr. Arthur Beatty, of the department of English, is now studying at Oxford University, England. For a time he was at the British Museum in London. He attended the King Alfred memorial services held at Winchester. Before returning, Dr. Beatty will travel in France and Germany.

FACULTY MEMBERS AWAY ON LEAVE OF ABSENCE.

Prof. J. C. Freeman has been away the longest time of any member of the faculty. He is at present consul at Copenhagen and has been absent two years. He will return next fall and resume his work at the University. Professor Freeman represented the University of Wisconsin at the King Alfred memorial celebration held at Winchester, England, last year.

Prof. A. A. Knowlton ranks next in point of absence from the University. He was compelled to discontinue teaching nearly two years

ATTENDANCE AT THE HOLIDAY MEETINGS.

The plan of leaving New Year's week free for a "convocation week," suggested by the American Association for the Advancement of Science and adopted this year by most of the leading universities of the country, has resulted in a greatly increased attendance of the members of university faculties at the numerous meetings of learned societies which are held at this season. Many of the instructional force of the University of Wisconsin were present at one or more such meetings during the holiday recess.

At the meeting of the Wisconsin Academy of Sciences, Arts and Letters in Milwaukee, December 26th-27th, papers were presented by the following:

Professors E. T. Owen, W. S. Marshall, R. A. Harper, Edward Kremers, W. W. Daniells, Louis Kahlenberg, Victor Lenher, W. H. Hobbs, E. B. Skinner, C. R. Van Hise, C. S. Slichter and H. W. Hillyer, Mr. Herman Schlundt, Mr. C. E. Allen, Mr. H. G. Timberlake and Mr. R. D. Hall. Besides these, there were in attendance Professors E. A. Birge, W. B. Cairns, C. F. Burgess, C. F. Smith and F. G. Hubbard and Mr. W. G. Bleyer.

The meetings of the American Society of Naturalists and its affiliated societies at the University of Chicago, December 30th to January 2nd, were attended by Professors E. A. Birge, R. A. Harper, W. S. Miller, W. S. Marshall, H. L. Russell and Joseph Jastrow, Mr. H. G. Timberlake, Mr. C. E. Allen, Mr. R. H. Johnson and Mr. H. A. Ruger. Dr. Birge was one of the speakers in the discussion of the relation of the American Society of Naturalists to other scientific societies. A paper was read by Professor Jastrow before the American Psychological Association, of which he was the retiring president. Papers were also presented before the Society of American Bacteriologists by Professor Russell; and before the meeting of the botanists of the central states by Professor Harper, Mr. Timberlake and Mr. Allen.

At the meeting of the Wisconsin State Teachers' Association in Milwaukee, December 26th to 28th, Prof. F. J. Turner read a paper, and Prof. A. W. Tressler made a report on high

school inspection. Discussions in various departments were participated in by Prof. R. A. Harper, Prof. Joseph Jastrow and Mr. W. G. Bleyer. Prof. F. G. Hubbard had charge of the English section, and Prof. M. S. Slaughter of the section on German, Greek and Latin. Prof. M. V. O'Shea and Prof. B. H. Meyer were also present at the meetings.

Prof. R. T. Ely attended the sessions at Washington, December 27th-30th, of the American Economic Association, of which he has been president during the past year. He delivered the annual address of the retiring president.

Prof. C. H. Haskins and Mr. C. R. Fish attended the meeting of the American Historical Association, which was also held at Washington.

Dr. J. C. Elsom was present at the meeting of the Western Intercollegiate Association of Gymnasts, held in Chicago, and also attended the meeting of the National Society of College Gymnastic Directors, which met at Columbia University.

Prof. Louis Kahlenberg read a paper at Philadelphia before the American Chemical Society.

Prof. L. W. Dowling and Mr. A. R. Crathorne attended the meeting of the Chicago section of the American Mathematics Association on January 2nd and 3rd.

FACULTY NOTES.

Prof. D. C. Jackson has been called to New York as an expert electrician to advise attorneys in regard to a very important patent suit pending between two of the largest electrical supply companies in America. Professor Jackson has also been a leading electrical expert in the successful prosecution of damage cases

by gas companies against the street railway systems in the cities of Indianapolis, Dayton and Peoria.

Among the speakers before the Madison Art Association, in connection with the association's recent exhibit of a collection of Dutch etchings at the Library Building, were the following:

Professor Joseph Jastrow, "Dutch life as a background for art."

Mr. R. E. N. Dodge, "Rembrandt."

Mr. W. H. Dudley, "Dutch landscape painters."

The program of the Madison Literary Club for the current college year includes the following papers:

October 14th, Prof. C. F. Smith, "Sidney Lanier."

November 11th, Prof. R. T. Ely, "The twentieth century city."

January 13th, Prof. F. J. Turner, "The diplomatic prelude to the Louisiana purchase."

February 10th, Katherine Allen, "Catullus."

Prof. J. C. Monaghan spoke December 18th before the Madison Contemporary Club on the subject of the "Expansion of commerce."

Prof. C. F. Smith gave a talk on Greek life and costumes December 13th at the Madison high school. The talk was illustrated by colored lantern slides.

Recently elected officers of the Wisconsin geological commission are: Dean E. E. Bryant, president; Superintendent L. D. Harvey, vice-president; Prof. C. S. Slichter, secretary; Acting-President E. A. Birge, superintendent and director.

Prof. M. V. O'Shea left Madison December 15th for a trip through the West and South. He will deliver

lectures in a number of cities, including Denver, Salt Lake City, San Francisco, Pasadena and New Orleans, and will address the state teachers' associations of Utah and California. He will also inspect high schools.

Prof. W. A. Scott spoke before the Get-Together Club of Milwaukee, December 15th, on "Success in the twentieth century." Professor and Mrs. Scott will sail for Italy in February to be absent seven months. Considerable time will be spent in Venice, Vienna and German cities.

At the meeting of the Madison Six O'Clock Club December 2nd, Prof. G. C. Comstock spoke on "Star showers," and Prof. D. C. Jackson on "The world's supply of energy."

Prof. J. G. D. Mack was called to Nashville, Tenn., recently by the death of his sister, Mrs. J. Baxter, mother of William M. Baxter, '04.

Prof. B. H. Meyer spoke before the Madison Travel Club December 3rd, on the subject of German universities.

Prof. A. A. Bruce responded to the toast "Wisconsin" at the dinner of the St. Andrew's Society in Milwaukee, December 3rd.

Prof. D. B. Frankenburger was one of the judges on a joint debate at Beloit College, December 13th.

Prof. J. F. A. Pyre addressed the students of Shattuck military academy at Faribault, Minn., December 14th.

Dean J. B. Johnson has received Volume III of the *Engineering Index*, published by the *Engineering Magazine*, and containing an index of all engineering articles published in 250 leading engineering periodicals of

England, Germany, France and the United States. The fly leaf of the volume contains a half-tone of Dean Johnson, naming him as the founder of this valuable work.

Prof. J. W. Stearns will spend the rest of the winter at Santiago, Cuba, with his son who resides there.

Prof. L. S. Cheney has just returned from Colorado, where he has been for several months recruiting his health. He resumes his work immediately after the holiday recess.

Dr. Arthur C. L. Brown visited Harvard during the holidays.

ON THE HILL.

J. B. JOHNSON ASSOCIATION.

Another new engineers' association with this name was formed on November 8th, about thirty members signing the constitution. The following officers were elected:

President, Joseph P. Burns, '03; vice-president, Ira C. Sunderland, '02; secretary and treasurer, William Spalding, '03; censor, William J. Gibson, '02.

PHI BETA KAPPA RECEPTION.

The local members of Phi Beta Kappa, including faculty and town members, as well as the members of the local chapter now in the University and a few from out-of-town, were entertained by Acting-President and Mrs. E. A. Birge on Thursday evening, December 5th, the occasion being the one hundred and twenty-fifth anniversary of the founding of the Phi Beta Kappa fraternity at William and Mary College, Virginia. About sixty guests were present.

FRESHMAN CONTESTANTS.

At the preliminary trials for the Freshman Declamatory Contest December 6th and 7th, the successful competitors in the miscellaneous

division and their selections were: first, Miss Grace Ellis, Bristol, "The angel and the shepherds"; second, Miss Cornelia Cooper, Lake Mills, "Madeline Brobeau"; Miss Jessie Morse, Madison, "How the La Rue stakes were won," and William H. Gilbert, Lake Geneva, "The trial of Abner Barrow," tied for third place; fourth, Alfred G. Arvold, White-water, "Dooley on football." In the oratorical division, first place was won by Willard S. Griswold, Waukesha, with "Toussaint L'Ouverture"; second, James A. Brown, Madison, "Emmett's last speech"; third, Emil Olbrich, Lawrence, Ill., "Death of Garfield"; fourth, Daniel W. Hoan, Waukesha, "Toussaint L'Ouverture." The contest will be held about the middle of January

SACRED CONCERT.

The second annual sacred concert under the auspices of the Y. M. and Y. W. C. A. was given Sunday afternoon, December 8th, at Music Hall. The large audience, filling the hall to the doors, attested to the popularity of these musical events. The following program was rendered, Miss Farnese and Miss Mary A. Gillen, '04, acting as accompanists.

Male quartet, "Evening" — *Abt.* Messrs Graber, Spooner, Washburn, Conger.

Mandolin and guitar trio, "Rimeinbranze" — *Francia.* Messrs. Bach, Gove, Wray.

Vocal solo, "Like as the hart desireth" — *Alletson.* Miss Mary E. Pickarts.

Flute solo, "La reve" — *Goldermann.* George W. MacReynolds.

Vocal duet, "When all thy mercies, oh my God" — *Grell.* Mrs. Frances R. Hiestand, Miss Eleanora S. Thorpe.

Violin solo, "Serenade" — *Schubert.* William E. Brown.

Vocal solo, "Glory to thee" — *Gounod.* Philip L. Spooner.

Piano solo, Nocturne, Op. 27, No. 2 — *Chopin.* William M. Fowler.

Vocal solo, "A ballad of trees and the master" — *Chadwick.* Miss Ella M. Helm.

NORA SAMLAG.

The first meeting of the year was held on Thursday evening, December 12th, at Music Hall. An informal talk was given by Prof. Julius E. Olson on the poetry of Henrik Wergerland. The following officers were elected for the ensuing year :

President, Reginald A. Nestos, '02; vice-president, Christian Westergaard, '03; secretary and treasurer, Miss Nelly C. Moldstad, '02.

HALL PARTY.

The girls of Chadbourne Hall gave their annual formal party on Friday evening, December 13th. About one hundred guests were present. They were received by Misses Mayhew, Cora Meyer, '02, Bess Morrison, '02, Mary Swain, '02, and Marjorie Herrick, '05. An informal reception was held in the parlors, and the latter

part of the evening was devoted to dancing in the gymnasium. The parlors, corridors and gymnasium were elaborately decorated. Music was furnished by Nitschke's orchestra, and ices and wafers were served during the evening.

GRADUATE CLUB.

A meeting of this club was held on December 13th in the music lecture room. The chief feature of the program was a talk by Prof. G. C. Comstock on the Yale bi-centennial celebration, which he attended as one of the delegates from the University of Wisconsin. Two vocal solos were rendered by William L. Davis, '03, accompanied by Miss Guinevieve Mihills, '03. After the conclusion of the program a short business session was held, and an informal social hour followed. Light refreshments were served.

SHORT COURSE LITERARY SOCIETY.

The literary society of the short course agricultural students was reorganized on Friday evening, December 13th, with a large attendance of both first and second year students. Officers were elected for the first half of the year.

MILITARY HOP.

The second military hop was held on the last Saturday evening before the Christmas holidays. As usual, music was furnished by the military band. On account of the severe cold weather, only about seventy-five couples were in attendance.

SCHOOL OF MUSIC CONCERT.

A successful concert was given at Music Hall, Monday evening, December 16th, under the auspices of the School of Music by three Milwaukee

musicians, Miss Emily Mohr, soprano, Miss Frieda Koss, contralto, and Miss Louise Nohl, pianist. The numbers brought forth the enthusiastic applause of an appreciative and fairly large audience.

GERMANISTISCHE GESELLSCHAFT.

The Germanistische Gesellschaft held two meetings during the month, on the 3rd and 17th respectively. At the first meeting the program consisted of two solos by Mr. Hunt, a talk by Dr. Roedder on "Die Kindheit des Schwarzwalden," recitations by Miss Emma M. Roemer, and a reading from Mark Twain by Miss Sterling. The program was interspersed with the singing of German songs.

The meeting on the 17th was attended by about two hundred invited guests. The feature of the occasion was an elaborately decorated Christmas tree. Dr. Richard Fischer took the part of the Weihnachtsmann and distributed the "Scherzgeschenke," many of which were accompanied by humorous original German verses. German solos and duets and general singing of German songs completed the program. Refreshments were served after the gifts were distributed.

SCIENCE CLUB.

Prof. T. C. Chamberlin of the University of Chicago, formerly president of the University of Wisconsin, spoke December 17th before the Science Club on the subject of "Some further studies as to the early states of the earth." The conclusions stated by the speaker as the result of investigations which he has carried on for many years past were that the nebular hypothesis of La-

place is no longer tenable, and that there seems now to be accumulating evidence for the meteoric origin of the earth or the growth of a small body to a much larger one by additions from the outside. Perhaps the most interesting portion of the address was that devoted to proving the possibility of the latter method of terrestrial growth. In this discussion Prof. Chamberlin showed his complete mastery of results gained by investigators in fields very remote from his own. Especially noteworthy was his skill in correlating these results for the solution of difficulties met by the new hypothesis. The speaker was greeted by a large audience.

JOINT DEBATE.

The joint debate between Athenae and Hesperia on Thursday evening, December 19th, a more full account of which will be found on another page, was the last event before the mid-winter holidays, and drew out an enthusiastic crowd of partisans of the two interested societies as well as a large number of the student body. The question debated was, in substance, whether inheritance taxes should be levied exclusively by the states or exclusively by the national government. The debaters were, for Athenae, Robert M. Davis, '02, John A. O'Meara, '02, and Michael B. Olbrich, '02; for Hesperia, Max H. Strehlow, '02, William J. Hagenah, '03, and Solomon Huebner, '02. The judges, Professors Charles H. Haskins and W. A. Scott, and Justice J. E. Dodge, decided in favor of the former society, which supported the right of taxation by the states.

GLEE CLUB CONCERT.

The first public appearance of the club was on Friday, December 20th, when a concert was given at Black Earth, which was largely attended. The program included, besides general numbers by the club, two flute solos by George W. MacReynolds, '05, a duet by Messrs. Graber and Hobbins, a quartet by Messrs. Graber, Spooner, Washburn and Conger, and vocal solos by William G. Hamilton, '03, and Philip L. Spooner, '02.

Maurice B. Nichols, '03, of West Superior, has been elected to the Glee Club to fill a vacancy at first bass.

NEW FRATERNITY.

On Friday evening, December 20th, the Alpha Theta chapter of the Phi Kappa Sigma fraternity was installed at the University of Wisconsin. The organization of the chapter dates back about a year. It was brought about largely through the efforts of Mr. Arthur R. Crathorne, assistant in mathematics, who was a member of the fraternity at the University of Illinois. The national fraternity was founded in 1850 at the University of Pennsylvania, and there are now eighteen active and eight alumni chapters. The newly installed chapter consists of the following members:

John G. D. Mack, assistant professor of machine design; Edward E. Sands, '00, instructor in civil engineering; Warren M. Persons, '99, assistant in mathematics; Charles R. Rounds, '01, instructor in oratory and elocution at the University of Illinois; Robert A. Maurer, '01, Sheboygan; Clare H. Bachelder, '01, Madison; George A. Rogers, '01, Rice Lake; Arthur D. S. Gillett, '02, West

Superior; Frank W. Bucklin, '02, Brodhead; D. C. Gates, '02, West Superior; John C. Miller, '02, Marinette; Worth S. Bardwell, '02, Plainfield; Harry W. Page, '03, Baraboo; William J. Crumpton, '03, West Superior; Fred G. Borden, '03, Plainfield; Charles T. Watson, '03, Baraboo; John F. Sedgwick, '03, Whitewater; John D. Noyes, '04, Baraboo; Roy E. Noyes, '04, Baraboo; Burt E. Steenson, '04, Whitewater; Jean R. Marquiss, '05, Monticello, Ill.

BADGER BOARD CHANGES.

Ralph S. Gromann, of Crown Point, Ind., was elected to the 1903 *Badger* Board to fill the vacancy caused by the failure of Carl T. Madsen to return. Eugene H. Byrne, of Baraboo, was chosen in place of Robert P. Kraus, who has left the University.

PROHIBITION LEAGUE.

The newly organized Prohibition League, at a meeting early in December, decided to take part in an interstate oratorical contest to be held during the present year, in which Minnesota, Chicago, and Northwestern Universities will participate. The particular arrangements have not been fully decided upon.

CHADBOURNE HALL BOARD.

Considerable interest and no little curiosity throughout the state has been aroused by the protest filed with the Board of Regents by a committee representing the girls of Chadbourne Hall against the board served there. In the written protest the young ladies specified certain dishes which they wished to see no more on the table as well as some which they would be delighted

to sample oftener. They also asked that the price of board be reduced from \$3.75 to \$3.50, the price at which it can be obtained outside the Hall. The matter will probably come before the Board of Regents at their next meeting, in January.

DEBATE WITH MINNESOTA.

The literary societies decided by a unanimous vote to accept the challenge to debate which the Gophers sent down about a month ago, and each society having chosen a candidate, the electoral college met on Saturday, December 14th, and elected the debate team. Notwithstanding the fact that we have a debate already on our hands with Iowa, it was believed that there is sufficient debating material in the University to carry on the two contests. The members chosen are: Henry L. Janes, '03, of Racine; James C. McKesson, '02 I, of Genoa Junction; and Joseph Koffend, '02 I, of Appleton.

Mr. Janes is a member of Athenae, and was a semi-public debater. He is now taking junior law work, in addition to his studies on the Hill. Mr. Koffend graduated on the Hill in 1900. He was a member of Athenae, a semi-public debater, representative of Athenae in the Junior Ex, and winner of second place in the senior oratorical contest. He is now a member of Forum. Mr. McKesson is a member of Columbia and represented that society last year in the Junior Ex.

ATHLETICS.

From Thanksgiving until after the Christmas vacation is the annual "dull time" in college sports, during which the Varsity men rest and the non-participants while away

recreation hours in discussing past victories and prospects for the future. The football season closes with turkey day, and the members of the squad go to work to make up back shop or laboratory work, or brace up to meet the double "exams" that football absences and delinquencies frequently entail. The crew men have been working during the football season, informally, whenever the conditions of weather and water permitted the launching of a boat. The track men have done nothing regularly, though in some cases individuals with special ambitions have been practicing their events two or three times a week. The baseball players have merely discussed the chances of continuing the game at Wisconsin this year.

The track team, crew and baseball candidates will all be called out for regular work after vacation, and from that time until the close of the college year they will all be busy.

Coach O'Dea will again have charge of the crew men, and with eight men with previous Varsity experience and a good number of new men and past substitutes from which to draw, he should be able to get a crew that will be fully up to the average of past years.

The greatest present need of the rowing department is a set of glycerine rowing machines, the tank for various reasons, notably the difficulty in warming the air and in keeping the water from freezing, not having come up to the expectations which attended its construction. The chances of getting the machines as a part of the gymnasium equipment, to which they

properly belong, now seem good. Cornell, Harvard, in fact all the rowing universities in the East, have the machines.

The freshman candidates will be called out to begin regular work immediately after the University opens, but the work of the 'Varsity men will be deferred at least a month, perhaps longer.

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Quite the most important event of the past month was the election of William Juneau to captain the football team in 1902. Juneau is a member of the class of 1903, is 22 years old, 5 feet 10½ inches in height, and weighs 157 pounds. He prepared for the University at the Milwaukee South Side high school, where he played half-back on the school team in 1897 and 1898. He entered the University in the fall of 1899 and made the team at once, playing regularly until just before the last scheduled game, when he went stale and finally became too sick to play at all. His work in the Yale game in 1899 was brilliant and attracted the attention of all the easterners, especially his speed in getting down under O'Dea's long punts. In 1900, Juneau played throughout the season, and his work was not only brilliant but remarkably steady. During the past season he played in all the regular games and ended the year with the reputation of being the best all 'round man playing the position in the West. In addition to his strong defensive playing and remarkable speed under punts, Juneau this year developed some great scoring qualities. He was the 'Varsity team's regular goal kicker and developed into a fine drop kicker. In the Nebraska and

Chicago games his goals from the 30-and 35-yard lines were beautifully executed, and against Chicago his runs of forty-five and twenty-five yards on the double pass were among the longest gains of the day.

Earl Driver, full-back of the 1900 and 1901 teams, was a candidate for the captaincy, and the contest, though entirely friendly, was quite close. Driver's claims were but little inferior to Juneau's, but the latter had a slightly longer term of service to his credit, which decided the result.

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Owing to the unsettled state of the coaching proposition, it is deemed impolitic to discuss coaching plans at this time, according to the terms of last month's announcement in the *MAGAZINE*.

It may be stated, however, that there are three plans under consideration. The first is the continuation of the present system with an eastern man, Princeton of course, in full charge. The second is to have a graduate coach in charge during the early season, and then have Phil King come on about November 1st to put on the finishing touches. The third is to have a Princeton head coach, and a Wisconsin graduate as a regular assistant. The purely graduate system is not being considered. The plans above mentioned hold favor with the majority of the student body in about the order in which they are mentioned, but the final decision of course rests with Captain Juneau, and he is not yet able to make a definite statement.

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The track team this year, despite the loss of ex-captain Schule, seems

to be due for the best season since 1897, though it must be admitted that these hopes are founded, to a considerable extent, upon the promise of the new material, which is apt to cause disappointments, as new men are not wholly reliable. Captain Juneau, of the football team, who was on the track team in 1900 but who didn't return during the second semester of last year, will materially strengthen the team in the pole vault, where it was not particularly strong. Saradakis is also back this year and will compete in the hurdles, but in spite of that fact Wisconsin will be weak in these events this year. Ex-captain Joe Bredsteen is back, but has completed his allotted four years and will be ineligible for the collegiate meets; however, he will probably compete at Milwaukee in the A. A. U. meet.

A new departure this year will be the sending of a relay team to the relay games of the University of Pennsylvania at Philadelphia the last of April. Wisconsin will compete in the four-mile event and should be able to make a pretty good showing, with Captain Hahn, Keachie, Smith, McEachron and Breitkreutz. Hahn has done 4:32 2-5;

Keachie, 4:34 2-5; Breitkreutz, 4:42 3-5. Smith and McEachron have both run in the two-mile event, but are good for 4:40 in the mile. Breitkreutz was last year equal to 4:38 if pushed, and if he comes up to expectations this season he will make any of Wisconsin's good distance runners hustle to beat him.

Last year this event was won by Harvard in 18 min. 45 2-5 sec., an average time for the mile of a trifle worse than 4:41 under favorable conditions. Whether Wisconsin can put a team in the field that will win remains to be seen, but it is quite likely that there are four milers at the University who can average 4:40 at that season, even though it is rather early.

There will be dual meets with Illinois at Champaign, and with Chicago at Madison.

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The annual handball tournament which always occurs just before the Christmas holidays was not completed in time to give the results at this writing, and it will be included in the next issue of the MAGAZINE, as will the discussion of the future of baseball at Wisconsin.

GEO. F. DOWNER.

NEWS FROM THE ALUMNI.

ADDRESSES OF ALUMNI WANTED.

Will some reader of the ALUMNI MAGAZINE send to the undersigned the addresses of any of the below-named alumni, or suggest any means

of obtaining the same, and greatly oblige,

D. B. FRANKENBURGER,
 Compiler of the Alumni
 Catalogue, Madison, Wis.

1863.
Frank Waterman, Ph. B.

1869.
Everard Lang Cassels, A.B., A.M.

1871.
Michael William Pepper, Ph. B.

1877.
Frank Moore, B. S. Horticulturist.

1881.
Irenaeus F. Crisler, B. S.

1893.
Charles H. Ayer, B. S.

1895.
Ole Lars Callecod, B.L.
College of Law.

1871.
Edward B. M. Browne, LL. B., LL. D.

1872.
Byron Elijah Brown, LL. B.
John Stone Phillips, LL. B.

1876.
William Hawley Baird, LL. B.
George Unsley Leeson, LL. B.
William Frederick Redmon, LL. B.

1878.
Rinaldo F. Wilbur, LL. B.

1879.
Thomas O'Meara, LL. B.

1880.
Charles Cicero Calkins, LL. B.

1885.
John Thomas Scanlin, LL. B.

1886.
Solomon Jones, LL. B.

1887.
Guy M. McGlashin, LL. B.

1888.
Orville D. Hubbell, LL. B.
Thorwald Hvam, LL. B.
W. E. Morrassy, LL. B.

1889.
William Fuerste, LL. B.
Ludwig Hulsether, LL. B.

1891.
Joseph Andrews Brown, LL. B.

1894.
Arthur T. Browne, LL. B.

ALUMNI IN COLLEGE OF LAW.

The following list includes the alumni of the University and non-graduate Hill students now taking the law course. It does not include Hill seniors taking six-fifths law.

SENIORS.

William C. Berg, '98.
Louis A. Brunckhorst, ('00).
Louis A. Copeland, '96.
Henry M. Esterly, ('00).
Harry R. Hewitt, ('01).
Harry M. Hobbins, '00.
Walter W. Hughes, '97.
John J. Jeffrey, '99.
Harry G. Kemp, ('01).
Charles Kirwan, ('02).
Joseph Koffend, Jr., '00.
Albert F. Larson, ('01).
Lewis W. Mills, ('99).
Harry J. Murrish, '99.
Ernest A. O'Neill, '99.
Dennis F. Scanlan, '00.
Herman H. Taylor, '00.
Charles G. Yankey, '00.

MIDDLES.

Arthur A. Baldwin, '01.
Oscar J. Bandelin, ('00).
Winchel F. Barber, '00.
Arthur W. Blackburn, '01.
Adelbert E. Bleekman, Jr., '00.
Hubert D. Buchanan, '01.
William D. Buchholz, '01.
Charles L. Burnham, '00.
William J. Carr, '01.
Harry E. Carthew, '01.
Henry Casson, Jr., ('02).
George G. Curtis, '01.
William F. Dickinson, '01.
Sephus E. Driver, ('02).

John F. Fraser, ('03).
Max W. Griffith, '99.
George Heller, Jr., ('03).
Frank H. Kurtz, '99.
John T. S. Lyle, '00.
Adelbert R. Mathews, ('03).
Milo Muckleston, ('03).
Bernard M. Palmer, '00.
Ralph G. Plumb, '01.
Allan T. Pray, ('01).
Louis B. Reed, '99.
John F. Sedgwick, ('03).
Joseph R. Shields, ('03).
John C. Stevens, ('01).
Fred W. Sylvester, ('03).
Charles L. Thompson, '01.
Eugene J. Wehmhoff, '01.
Simon P. Wilson, ('01).
George L. Winegar, ('03).

JUNIORS.

Harry W. Adams, '00.
Frederick Arnold, ('04).
John M. Barney, '01.
Arthur F. Beule, '01.
Harry E. Bradley, '01.
Clarence B. Fisher, ('03).
Raymond Haisler, ('03).
Richard G. Harvey, '98.
Edward H. Hughes, ('03).
George M. Link, '98.
Harry J. Masters, ('03).
James H. McNeel, '00.
Aaron S. Putney, Jr., ('04).
George W. Ripley, ('03).
Eugene E. Runkel, ('04).
John F. Sawyer, ('03).
Edward J. B. Schubring, '01.
Ashbel V. Smith, '01.
Morris E. Yager, ('04).

GRADUATE STUDENTS.

The following list includes the alumni of the University of Wisconsin who are pursuing graduate work at the University:

'83.

Eleanor O'Sheridan.

'92.
John M. Nelson.
'93.
Sabena M. Herfurth.
'95.
Edith K. Lyle.
Elizabeth B. Mills.
'97.
Lucile Schreiber McCarthy.
Oswald Schreiner.
William N. Smith.
Carolyn D. Spence.
Henry C. Wolf.
'98.
Hattie J. Griffin.
Edward L. Hancock.
Otto Patzer.
Joseph F. Wojta.
'99.

Charles E. Allen.
Lewis A. Anderson.
Ernest E. Calkins.
Rollin H. Denniston.
William M. Fowler, *m.*
Carl Hambuechen.
Elizabeth M. Keech.
Warren M. Persons.
Stephen C. Stuntz.
'00.
Florence E. Allen.
Bertha Blanche Brigham.
Edward B. Cochems.
Edward A. Cook.
Roy D. Hall.
John F. Icke.
Richard B. Johns.
Arthur A. Koch.
Marie McClernan.
Mary E. Pickarts, *m.*
Winifred Titus.
Edson R. Wolcott.
'01.

Clarence E. Abbott.
William B. Anderson.
Theodore M. Ave L'allemand.
Sydney H. Ball.

Arthur W. Blackburn.
 Kathryn I. Blackburn.
 Irvin W. Brandel.
 Joseph Bredsteen.
 William V. Clemons.
 Flora N. Davidson.
 Gustav A. Fritsche.
 Thomas E. Hancock.
 Rudolph Hartman.
 Robert B. Holt.
 Stephen A. Hurlbut.
 Rachel M. Kelsey.
 Florence J. Ketchum.
 Olive Lipe, *m.*
 Mark H. Newman.
 Elizabeth Parkinson.
 August H. Pfund.
 Emile A. Ross.
 Lewis D. Rowell.
 Harvey O. Sargeant.
 Mary R. Sheldon, *m.*
 Arthur F. Smith.
 August W. Weber.
 Thomas G. Windes.
 Louis B. Wolfenson.

STUDENTS OF THE SECOND GENERATION.

The following list is supplementary to those published in the issues for March and April, 1900, and May, 1901.

'62—Gideon W. Allen.
 '05—Ruth F. Allen.
 '70—Burr W. Jones.
 '05—Marion B. Jones.
 '72—Sydney H. Cole.
 '05—Julia A. Cole.
 '74—Charles W. Bunn.
 '04—Samuel A. Bunn.
 '74—Marion V. Dodge.
 (Mrs. L. M. Fay, *q. v.*)
 '74—Lucius M. Fay.
 '05—Martha M. Fay.
 '76—Richard B. Dudgeon.
 '05—Richard C. Dudgeon.
 '77 l—Herman Pfund.
 '05—Carl F. Pfund.

'80—Annie B. Dinsdale.
 (Mrs. Magnus Swenson, *q. v.*)
 '80—Magnus Swenson.
 '05—Mary W. Swenson.
 '81—Caleb N. Harrison.
 '05—Edna L. Harrison.
 '90—Anthony Donovan.
 '05—Margaret M. Donovan.
 '96 l—William J. Anderson.
 '05—Ethelwyn Anderson.

SEATTLE ALUMNI.

The following letter appeared in the *Minnesota Alumni Weekly* of recent date. The writer, Mr. H. B. Martin, is a law partner of Joseph B. Alexander, '96 l.

"I enclose you a report in my own poor style on the Minnesota-Wisconsin football banquet held in Seattle on the night of the game. I do not know whether the news has been reported or not. At best the item is a little old, but perhaps it may properly go in with the other distant echoes of the game. At any rate, no offense is intended nor will any be taken if due publicity is given to the information furnished.

"On Saturday evening, November 16th, after the result of the late lamented football game was made known in Seattle, Wisconsin's representatives in that distant metropolis sat down to a pleasant repast at the Maison Barberis. It is rumored that the U. of M. men were the hosts and that the jollity of the entertainment came rather high.

"Those present for Wisconsin were: Hermon S. Frye, Hiram C. Gill, William Martin, Edward Brady, Robert Boyce, Richard M. Arms, Patrick Ryan and Heber B. Hoyt. The hosts were Dr. Ivan A. Pary, Harrison B. Martin, Lewis Schwager, Walter B. Nettleton, Dr. Daniel Buckley

James D. Brackett, E. M. Farmer, Dr. Adolph O. Loe and Dr. Tripp.

"Upon the discovery that Wisconsin was unevenly represented, a committee was sent to explain the circumstances and invite Dr. John W. Crooks, of Kansas, to be present. The committee was successful in its mission and the love feast proceeded. Following the more substantial portion of the repast a very pleasant evening was spent in singing songs, counting football scores, cementing hearty friendships and having a good time generally.

"HARRISON B. MARTIN."

ALUMNI AT THE STATE TEACHERS' MEETING.

At the meeting of the Wisconsin State Teachers' Association, held at Milwaukee, December 26th to 28th, the following papers were presented by University alumni:

"Schools and library extension"—Regent J. H. Stout.

"Errors observed in class-room methods of graded schools"—A. A. Thomson, '01, state school inspector.

"How can the superintendent best improve his teaching force?"—J. T. Hooper, '92.

"Should social organizations of high school pupils be discouraged? If so, how?"—George P. Hambrecht, ('96).

"Flunkers. Their cause and cure"—Paul W. Boehm, '01.

"The place of composition and conversation in the high school course in German"—A. D. Tarnutzer, '97.

"A high school course in European history"—Julia E. Murphy, '93.

"The historical foundation in the grades"—Albert H. Sanford, '91.

"The place of United States history in the high school course"—Ernst Greverus, '00.

"The aim and scope of arithmetic in the high school"—H. S. Youker, '94.

"How can the teaching of botany in our high schools be improved? Is a change of methods desirable?"—Mary Armstrong, '95, and Durante C. Gile, '96.

"Physiology in relation to domestic science"—Ruth Marshall, '92.

"Methods of securing the most effective use of juvenile literature by normal students"—H. A. Adrian, '92.

Others whose names appeared on the program as leaders of discussions or as officers of various sections were:

Michael S. Frawley, '73; Willoughby G. Clough, '75; Edwin C. Wiswall, '76; T. E. Ryan, '85 *l*; Carrie E. Morgan, '86; Otto J. Schuster, '86; John F. Lamont, '88; Florence P. Robinson, '89; George H. Landgraf, '92; Charles C. Parlin, '93; Irma M. Kleinpell, '94; Caroline M. Young, '94; Alexander G. Hough, '95; Ellen C. Sabin, '95 *h*; Rose E. Swart, '95 *h*; J. T. Healy, '96; Vernon A. Suydam, '96; Lynn B. Stiles, ('96); Rose Dengler, '97; Myrtes E. Clark, ('98); August W. Trettien, '99; and Harmon L. Van Dusen, '99.

Among the officers elected for the ensuing year were Charles A. Maxon, '92, first vice-president, and Jessie M. Cole, '88, third vice-president.

CONFESSION OF AN ALUMNUS.

No apology is needed for "cribbing" the following letter, which appeared in the *Wisconsin Engineer* for December, 1901.

Every once in a while I get a letter from Professor Frankenburger asking me to fill out the accompanying postal card with my name and address and also give a list of higher degrees conferred on me and of offices or positions of distinction to which I have been elected or appointed. At such times my eyes involuntarily wander to the wall of my office where a neat oak frame encloses the following:

"To all to whom these Presents may come, Greeting: Know Ye, That having made due inquiry into the mechanical skill, character and ability of

XENOPHON CAVERNO

in the

SCIENCE OF SANITARY PLUMBING

and having thereby acquired special trust and confidence in his ability and having found him to possess every qualification, etc., etc., We, the Board of Examiners of Plumbers of the City of Peoria, Illinois, do hereby cheerfully issue this certificate, etc."

So far as I know I am the only graduate of the U. of W. who has attained this high honor. I am greatly indebted to my university training for the ease with which I passed the arduous examination leading to this honorable degree. As I recollect it, the examination in "mechanical skill" consisted in calculating the capacity of a tank of given dimensions, while the examination in "character and ability" consisted in demonstrating the capacity of my own.

I wish here to make public acknowledgment of my indebtedness to Professor Van Velzer and Joe

Hausmann for the training which enabled me to rise to this occasion.

In strictly mechanical lines I have developed some proficiency in running the local political machine, having held the distinguished offices of chairman of the third ward central committee and secretary of the city central committee. I was also elected church trustee for one term only.

In science I have distinguished myself [by raising a full-blooded octopus which developed so rapidly that in a few months it fell upon and devoured the local gas and electric light companies, each of which had octopus ambitions of its own.

I remember that, when I left Madison, Professor Frankenburger prophesied that I would not stick to engineering but would take up some form of "thought expression." This has proved true. I am a poet. The following lyrics have appeared anonymously in the local papers. Being modest, I have made no claim of authorship here, but I wish to show my U. W. friends how well Professor Frankenburger's prophecy has been fulfilled.

"A man who lived up at Spring
Grove
Bought his wife a new gasoline
stove,
And the very first night
She was blown out of sight,
And she hasn't come down yet, by
Jove!"

"A woman who lived in Kewanee
Was healthy, athletic and brawny,
But her coal stove, they tell,
Kept her house hot as—well,
She's now lean and ill-favored and
scrawny."

The base insinuation has been thrown out that these gems are not strictly humanitarian and altruistic in their aims, but are designed to boom the gas stove business for the octopus.

I am glad to inform my friends that, in spite of my "higher degree," it is not my ambition to be a proud and haughty but soulless plumber rolling in my ill-gotten wealth, but that I intend from now on to carry light into dark corners of the world in this vicinity, and hereafter as an humble monopolist and president of a trust I shall spend my declining years in idyllic simplicity, laying up treasures in Heaven and on earth.

P. S. I reserve the right to vary this program by knocking off occasionally for a caucus or a football game.

XENOPHON CAVERNO, '90.

PERSONAL NOTES.

Items of personal news may be sent to Florence E. Baker, 135 W. Gilman st., Madison, Wis.

Prof. Frederick B. Power, professor of pharmacy and materia medica from 1888 to 1892, and the first professor of pharmacy at the University of Wisconsin, who is now director of the Wellcome research laboratories at London, Eng., has been elected a member of the council of the Society of Chemical Industry.

The late John G. McMynn, regent of the University from 1857 to 1863, will be honored in Kenosha by the naming of a fine new school building for him. The dedication will be attended with ceremonies.

Prof. William Trelease spoke at the meeting of the American Society

of Naturalists at Chicago, January 1st, on the relation of the society to other scientific societies.

Prof. C. R. Barnes presented a report at the Chicago meeting of botanists of the central states, January 1st, on "The significance of transpiration."

'57.

George W. Stoner, ('57), has some recollections of Madison in the *Madison Democrat* for December 8, 1901.

'73.

William H. Baily is president for the year 1901-'02 of the Iowa Society of Sons of the American Revolution.

Daniel C. Millett, '73 l, has been city attorney of Chehalis, Wash., since 1897.

Allen F. Warden is editor and proprietor of the *Waukesha Dispatch* and is chairman of the Wisconsin democratic state central committee.

'76.

Charles F. Ainsworth, '76 l, has been attorney-general of Arizona since August, 1898.

Clinton S. Dietz is a dentist and optician at Ann Arbor, Michigan.

Bradford W. Gillett is principal of the Avoca high school.

Mary McKee Henry, who has been teaching at the Sparta state school for dependent children, has resigned her position there to become matron in the reform school for boys and girls at Plankinton, S. D.

Attorney-General E. R. Hicks responded to the toast "America" at the dinner of the St. Andrew's society in Milwaukee, December 3rd.

Oliver Matthews is engaged in mining at Cripple Creek, Colo.

Dr. Mary Lois Nelson is practicing medicine at San Francisco. Her address is 1118 Sutter st. For four years she was resident physician at the Worcester Memorial hospital at Worcester, Mass.

Mary Janet Oertel is teaching at New Orleans. Her address is 2420 Canal st.

George C. Stockman has been president of the board of pension examiners for the northern district of Iowa since 1889.

William W. Wood is now county attorney of Sheridan county, Nebraska.

'81.

The address of Gerhard H. Balg is now 601 Sherman st., Milwaukee.

Harris D. Booge, Jr., '81 l, is a broker at Minneapolis.

Frederick Brandenburg, son of O. D. Brandenburg, ('81), has received from the *St. Nicholas* a prize for the best picture of a wild animal sent in by a young amateur photographer. The picture is that of a wild deer taken in the northern part of this state.

Mrs. Eva Goodall Achtenberg is now living at Rice Lake, Wis.

William H. Goodall is a member of the firm of Goodall & Gregg, engaged in the loaning business at 715 Grand ave., Milwaukee.

Alva J. Grover is resident engineer for the C. O. & T. railway, at Omaha, Nebraska.

Louis L. Manwaring, '81 l, is assistant city attorney of Stillwater, Minn.

Albert J. Marsh was for four years, from 1886 to 1890, municipal judge of Eau Claire.

Charles S. Miller is cashier of the

Washington National bank, at Seattle, Wash.

William J. Moroney is professor of medical jurisprudence in the medical department of the University of Dallas, Texas.

Eugene A. Steere is principal of the county free high school located at Kalispell, Montana.

Horace K. Tenney, '81 l, of Chicago, has recently won distinction for himself as appellant's counsel in an important case before the court of appeals in Texas. The case involved \$10,000,000 and the control of an area in Texas one hundred and twenty-five miles long and twenty-five miles wide.

'83.

The following is clipped from the *Portage Democrat* for November 26, 1911:

"Attorney Rublee A. Cole of Milwaukee, who was in the city to-day on business, carries proudly and confidently in his inside pocket the left ear of a Texas jackrabbit and laughingly asserts that it is the luckiest fetich in the whole catalogue of superstition. It is one of the pair recently presented to Senator Tillman of South Carolina by an admirer. On the occasion of his visit to Milwaukee the other day, where he was the guest of Mr. Cole, the senator gave his friend the treasured charm, retaining the other ear for himself, no doubt to aid in repelling the assaults of the McLaurinites should the pitchfork prove insufficient."

F. W. Hall spoke on "Castles in Spain," before the Milwaukee Congregational Club on the occasion of its annual celebration of Forefathers' Day.

'84.

Jerome C. Arpke is in the real estate business at Ledyard, Iowa.

Levi H. Bancroft is county judge of Richland county, Wisconsin.

Julian Bennett, '84 *l*, was re-elected in November to his second term as judge of the third circuit, South Dakota, the circuit including six counties.

Orson E. Curtis is spending some time in Denver, Colo., for the benefit of his health.

Charles F. Dahl is a member of the Viroqua school board.

Edward J. Dockery is practicing law at Boise, Idaho.

James H. Dousman is secretary of the Milwaukee Automobile company.

Mrs. Clara Baker Flett is vice-president of the Merrill Free Traveling Library Association.

William H. Flett, '84 *l*, is one of the state commissioners to the St. Louis world's fair.

Arthur H. Goss has been re-elected to his second term as judge of the Oshkosh municipal court.

Milton O. Nelson is editor of the *Commercial West*, at Minneapolis, Minn.

Dr. Albert J. Ochsner is professor of clinical surgery in the Chicago College of Physicians and Surgeons.

Mrs. Mary Howe Shelton is vice-president of the Wisconsin State Federation of Women's clubs for the ninth district.

John H. Sherman, '84 *p*, is a member of the firm of Sherman & Hughes, druggists, of Beaver Dam, Wis.

Lester P. Utter is cashier of the People's bank of Westboro, Mo.

Charles G. Wade is now connected with the Allis-Chalmers company, of Milwaukee. His address is 266 First ave., Wauwatosa.

Clyde H. Ward is a member of the firm of Neill Bros. & Ward, lumber and coal merchants of Greeley, Colo.

Edward F. Wilson is engaged in machine designing and patent office work, with offices in suite 45, Metropolitan block, Chicago.

'85.

Charles Levi Allen, of Eau Claire, was married January 1st, 1902, to Florence E. Manning, of Leavenworth, Kansas. After an extensive tour in the East, Mr. and Mrs. Allen will reside in Eau Claire.

A paper on "The bacteriological results of the Iowa State College sewage disposal plant" was presented by Prof. L. H. Pammel at the Chicago meeting of the Society of American Bacteriologists.

'88.

Charles G. Horn, '88 *p*, is treasurer, and Norbert C. Werbke, '88 *p*, is secretary, of the Winnebago County Druggists' Association.

'89.

Gustav Naffz, '89 *p*, of Wausau, is secretary of the Marathon County Druggists' Association. Mr. Naffz has recently returned from a European trip.

The New York address of A. T. Schroeder, '89 *l*, is 31 W. 33rd st.

'90.

Andrew W. Anderson has removed to St. Paul, where he has entered the editorial department of the West Publishing Company. He began his work with the West company December 1st and will have charge of the publication of the decisions of the Wisconsin Supreme court.

Dr. Rodney H. True read a paper before the Society for Plant Morphology and Physiology which met at New York December 31st and January 1st, on "The physiology of sea water."

'91.

Oscar T. Erhart, '91 *p*, is president of the La Crosse Druggists' Association.

The Kradwell-Thiesen Drug Company, composed of Gustave V. Kradwell, '91 *p*, and Thies W. Thiesen, '90 *p*, has opened a new store in Racine.

Georgiana Sheldon, ('91). will sail January 4th on the Fuerst Bismarck from New York for Genoa. She goes with her mother, Mrs. S. L. Sheldon, of Madison, and Miss Newell, of Kenosha.

Kirby Thomas is treasurer of the Rocky Mountain Oil and Development company. It is organized for the purpose of securing and developing oil and other mining properties. The company has secured 1,600 acres of choice selections of lands in the Elko (Nevada) oil district, and has pending plans to secure holdings in Wyoming, Utah and Colorado oil fields and to develop these properties as fast as can be done economically and wisely.

'92.

Mrs. Arthur Chapin (Tirzah Sherwood, ('92)) died December 22nd, after a short illness, at her home in Holyoke, Mass.

'93.

Dr. Louis Fales is practicing medicine in Manila.

Casimir Gonski, '93 *l*, was recently appointed register in probate in Milwaukee County by Judge Paul D. Carpenter. The salary is \$2500.

George M. Holferty is doing ad-

vanced research work in botany this year at the University of Chicago.

Foster Lardner, ('93), plays the part of a courier in "The Secret Warrant," and it is said that he is in no wise overshadowed by the star himself, Willis Granger; a very bright future before the footlights is predicted for him.

James B. Pollock read a paper at Chicago January 1st, before the botanists of the central states, on "An abnormal development of the prothallium in the pollen grain of *Picea excelsa*."

'94.

Fred D. Heald read a paper at the Chicago meeting of the botanists of the central states, December 31st, on "The electrical conductivity of plant juices."

A son was born to Mr. and Mrs. Hobart Johnson, ('94), on Friday, December 13th.

Samuel Weidman read a paper at the December meeting of the Wisconsin Academy of Sciences, Arts and Letters on "The physiographic features of central Wisconsin."

'95.

Dr. J. M. Beffel is president of the Men's Social Union of the Washington avenue Methodist church, Milwaukee.

John J. Brennan, '95 *p*, is president of the Winnebago County Druggists' Association.

Dr. E. R. Buckley spoke at the December meeting of the Wisconsin Academy of Sciences, Arts and Letters on the "Status of geological survey work in Missouri."

E. B. Copeland, ('95), read a report at the meeting of the botanists of the central states, at Chicago, De-

ember 31st, on the "Influence of metallic poisons on the respiration of plants." Mr. Copeland is this year doing graduate work in botany at the University of Chicago.

'96.

August J. Giss has just returned to his home at Sauk City after fifteen months spent in study at Heidelberg, Germany.

At the recent meeting of the Society of American Bacteriologists, at Chicago, a paper was presented by H. A. Harding, '86, and L. J. Rogers, of the Geneva, N. Y. experiment station, on "Rusty spot in cheese."

George P. Hambrecht, ('96), is city superintendent of schools at Grand Rapids, Wis., instead of an assistant in the high school as reported in the December MAGAZINE.

Rev. and Mrs. A. J. Kempton (Annie Main) have a baby daughter born early in December at Mt. Carroll, Ill.

The engagement has been announced of Louis M. Ward, '96, and Lydia E. Moore, '99, both of Chicago.

'97.

Dr. Reginald H. Jackson, ('97), who has just completed his term of service as house surgeon in the Presbyterian hospital, New York, will take up practice with his father in Madison.

William H. Kratsch is designer and general superintendent of shops for the George Challoner Sons Co., at Oshkosh.

Dr. C. K. Leith, of the United States geological survey, is now carrying on his work in connection with the survey at Washington, D. C.

Emil S. Lueth is in the employ of

the Brown Corliss Engine Co., who are now erecting large shops near Racine.

'98.

Gideon Benson, who has been studying medicine at Chicago University and Rush Medical College, was married December 12th, at Richland Center, to Miss Alice Bancroft of the same town, the bride being a sister of Judge Bancroft.

Miss Adele Van Deusen of South Madison and Mr. Clarence I. Brand, ('98), of Milwaukee, were married December 7th at the home of the bride's mother, Rev. E. G. Updike performing the ceremony. Mr. and Mrs. Brand left for Milwaukee, where they will have apartments at the Kilbourn during the winter, going to housekeeping next spring. The groom is the son of Prof. and Mrs. T. H. Brand and at present is a cartoonist on the staff of the *Sentinel*.

Ernest B. Smith will spend the winter in the Southwest. He goes first to Phoenix, Arizona, and from there to southern California.

'99.

Edward Freschl is at present traveling in Japan.

Marshall Hanks, ('99), is superintendent of the private laboratory of the Westinghouse Electric Company, at Pittsburg.

Richard Heyward is superintendent and principal of schools at Langdon, N. Dak.

Lewis E. Moore is studying in the civil engineering department of the Massachusetts Institute of Technology, making a particular study of bridge and structural work. His address is Boylston st., Chestnut Hill, Boston.

The marriage of Miss Faith Van Valkenburg and Charles A. Vilas took place Wednesday afternoon, December 11th, at the residence of the bride's parents, 350 Juneau avenue, Milwaukee. The ceremony was performed in the presence of relatives and a few intimate friends, and was followed by a reception from 4 until 6 o'clock. The ushers included Irving A. Fish, '03, J. C. Stevens, '03 I, and Edward T. Fox, '99. The young people will make their home at 712 Marshall street.

'00.

Lottie J. Abbott and Dr. E. W. Woodford, of Cleveland, Ohio, were married November 21st at the home of the bride's parents at Westfield, Wis. They will be at home after January 1st, at the Franklin, Cleveland, O.

John M. Barney has returned to the University to take the law course.

James A. Farris, of Milwaukee, and Miss Grace H. Griffiths, of Madison, were married at the latter city, Thursday evening, December 26th, Rev. A. W. Stalker officiating. Mr. Farris is now in the employ of the Cutler-Hammer Company in Milwaukee.

'01.

Alexander G. Krembs is now in the employ of J. J. Reardon, a druggist of Rhineland.

Ernest F. Legg and Albert A. Nicholas are employed in the testing department of the General Electric company at Schenectady, N. Y.

The marriage of Ray Palmer, ('01), and Daisy Wentworth, ('02), took place December 11th, at 8 o'clock, at the residence of the bride's parents in Milwaukee. Since grad-

uation Mr. Palmer has been in New York city doing engineering work for the interurban electrical railway of that metropolis. The future home of the young couple will be in London, England, where Mr. Palmer has a similar position.

Hylon T. Plumb and Miss Mida Lorton were married in the state of Washington during the past summer. They reside in Brooklyn, N. Y., where Mr. Plumb is assistant professor of mathematics and physics in Pratt Institute.

Frederick W. Schule has charge of the Peoria station on the Chicago drainage canal. His work is to make comparative analyses of the water in the canal above and below Peoria.

PUBLICATIONS.

Notes of publications by or about University men or women, and books and pamphlets for review, may be sent to Florence E. Baker, 135 W. Gilman st., Madison, Wis.

"OUR NATIONAL PARKS."

OUR NATIONAL PARKS, by John Muir, ('64), LL. D. Wisconsin, '97. Boston, Houghton, Mifflin & Co. 1901.

This delightful book of Mr. Muir's comes to us from his home in Martinez, California, "with good wishes and many happy memories of auld lang syne." Although Mr. Muir has written many magazine articles, this is but the second volume from his facile pen, the first, on the "Mountains of California," appearing a few years ago. Indeed, this volume is made up of sketches first published in the *Atlantic Monthly*, and its purpose is set forth in the short preface. We quote: "I have done the

best I could to show forth the beauty, grandeur, and all embracing usefulness of our wild mountain forest reservations and parks, with a view to inciting the people to come and enjoy them, and get them into their hearts, that so at length their preservation and right use might be made sure."

Mr. Muir writes of the Yellowstone, Yosemite, General Grant and Sequoia national parks, but about half of the book is devoted to the Yosemite, whose forests, wild gardens, animals, birds, and fountains and streams, have each a separate chapter. No one else knows our great western parks as he does, and one feels that he, as he advises us to do, has gained his knowledge and enthusiasm by loving and living with them, "as free from schemes and cares and time as the trees themselves."

AN IMPORTANT HISTORICAL MONOGRAPH.

SECTIONALISM AND REPRESENTATION IN SOUTH CAROLINA, by William A. Schaper, '95, Ph. D. Columbia University, instructor in political science, University of Minnesota.

This monograph was awarded the first place in the contest for the Justin Winsor prize for 1900. Mr. Schaper graduated from this university in 1895. He held a fellowship for two years at Columbia, and after teaching two years at Dubuque, Iowa, was elected to the position which he now fills. The monograph is one which he has worked upon for four years. He visited Charleston and several other places in South Carolina during his study of the subject and made himself

thoroughly familiar with the sources there accessible. The results of his long investigation bear evidence of unusual skill and use of the sources and great care in drawing his conclusions. The principal thesis which he maintains is that the peculiar political history of South Carolina is the result of physiographic conditions which determined the industrial development. The slave-holding aristocracy in the effort to defend their cherished institutions developed a method whereby the minority, dwelling in the coast regions, controlled the majority, dwelling in the up-country. The spread of slavery parallel with the extension of the cotton industry drove large numbers of the white population in the up-country into other states farther north and made the power of the planting aristocracy secure. Mr. Schaper has worked out the various steps in this social and economic evolution so as to make it exceedingly clear how the transformation was accomplished. The monograph appears in the Proceedings of the American Historical Association for 1900, Vol. I., pp. 237-463.

A TEXTBOOK IN CIVICS.

THE GOVERNMENT IN STATE AND NATION, by James A. James, '88, Ph. D. Johns Hopkins, '93, professor of history in Northwestern University, and Albert H. Sanford, '91, A. M. Harvard, '94, professor of history in the Stevens Point normal school.

The author who presents a book to the public in this book-ridden age should have a fair reason for so doing. We believe that the present authors are so fortified. The teaching of civics in our preparatory and

high schools has been greatly deficient and inadequate for several reasons. One of the most conspicuous of these has been the general need of a suitable and effective text which is simple, suggestive and comprehensive.

Many so-called texts in civics are coming from the press these days, and some will doubtless prove better aids in the class-room than those which might be here recorded, did space permit. The title of this joint work is a sufficient indication of its scope and content. The matter is well arranged, presented in a lucid and suggestive manner, and illustrated by many facts which the student is capable of daily observing. In this manner the book has a concrete and practical significance so often wanting in texts in civics.

In the meanwhile the time has not yet arrived when a text-book in civics ceases to be welcome. We feel that the present book is done on right lines, and hope that it will find that speedy and effective trial which it deserves.

"GOVERNMENT OF THE AMERICAN
PEOPLE."

THE GOVERNMENT OF THE AMERICAN PEOPLE, by Frank Strong. Ph. D., president of the University of Oregon, and Joseph Schafer, '98, M. L. Wisconsin, '99, assistant professor of history in the University of Oregon. Boston, Houghton, Mifflin & Co.

Dr. Strong and Professor Schafer aim to present the facts and forms of government in an unbroken narrative, connecting them with those historical events upon which they depend. They have done it in an attractive manner, so that the book

can be used by the general reader as well as for a text book. The *Yale Review* says that "the style is dignified, clear and attractive."

THE MUNICIPALITY.

The Municipality for November has the following table of contents:

Municipal activity in England—Prof. Percy Ashley.

Municipal ownership movement—Clinton Rogers Woodruff.

Comments: Law of cities—Disposal of town refuse—Central heating plant.

Typhoid fever—Dr. U. O. B. Wingate.

Branch libraries—F. A. Hutchins.

Legal notes—E. Ray Stevens, '93, and Emerson Ela, '99.

Notes on cities.

The December issue, in addition to editorial comments, exchange notes and legal notes, contains the following general articles:

State roads of Massachusetts—Albert S. Merrill, instructor in mechanical engineering at the University of Wisconsin.

Plymouth water and light plant—Mayor A. H. Schram.

Public health bulletins and vaccination—Dr. U. O. B. Wingate.

Qualifications of a librarian—F. A. Hutchins.

THE WISCONSIN ENGINEER.

The *Wisconsin Engineer* has been changed this year from a semi-annual to a quarterly, and the first number under the new arrangement, being Vol. 5, No. 1, for December, 1901, has just appeared. The frontispiece is a cut of the plant of the Edison Electric Illuminating Company, of Philadelphia. There is also a full-page half-tone of the football team, and

many other illustrations appear. There are personal notes, a list of faculty changes, write-ups of the three engineers' societies, notes, book reviews, alumni letters, an undergraduate directory, a list of last year's engineering theses, and the following longer articles:

Two kinds of education for engineers—Dean J. B. Johnson.

Storage batteries on electric system—Harold Seaman, '00.

Summer school for apprentices and artisans.

Savannah harbor — Arthur S. Cooper, '81.

Progress made in engineering during the nineteenth century—Prof. John L. Van Ornum, '88.

Civil engineers' inspection trip—Prof. W. D. Taylor.

Electrical and mechanical engineers' inspection trip—James W. Watson, '02.

THE CHRISTMAS CARDINAL.

As usual, the *Cardinal* this year published a souvenir edition, which appeared just before the holiday recess. The number is fully up to the standard of previous years. The cover design, in red and black, is by Ralph B. Ellis, '04. In addition to editorials and short write-ups of the honorary fraternities, the Co-op, the Alumni Association, the campus in early days, unknown parts of Ohadbourne Hall, tennis, ladies' basketball, 'Varsity basketball, handball, and the University band, there are the following longer articles:

Historic Camp Randall—Reuben G. Thwaites.

A consular career as an opening for a college student—Professor J. C. Monaghan.

Changes in the faculty.

The alumni in the West—Prof. Paul S. Reinsch, '92.

Phil King's Eleven—Arthur H. Curtis, '02.

A review of the season—R. E. P. Oratory and debate—John C. Miller, '02.

Track and field — Joseph Bredsteen, '01.

'Varsity musical organizations.

Wisconsin's husky oarsmen—Charles H. Gaffin, '03.

Fastest crew the 'Varsity ever had—Andrew M. O'Dea.

With the Thespians.

A few facts and fancies concerning the freshman in the Fatherland—Teutonicus.

Class spirit as formerly evinced by hazing and class rushes.

Department of military science—Harry G. Kemp, '02 l.

Old gymnastics and the new—Dr. J. C. Elsom.

NOTES.

The *International Monthly* for December contains a contribution by Professor F. J. Turner on "The Middle West."

The World's Work for November contains an article by M. G. Cunniff, on "The American locomotive abroad." In the December issue is a contribution by Mr. Cunniff and Arthur Goodrich, on "The rebuilding of New York."

Mr. Guy M. Wilcox, assistant in physics, contributes to the November number of the *Journal of Physical Chemistry* an article on "The optical rotatory power of cane sugar when dissolved in pyridine."

Science for November 29, 1901, contains an article on the "Unexplained southerly deviation of falling bodies," by Florian Cajori, '83.

The story of Madison, told by Reuben G. Thwaites, is a feature in "Historic towns of the western states," a volume recently issued under the editorship of Lyman P. Powell.

The address by Dean J. B. Johnson on "Two kinds of education for engineers," delivered before the students of the College of Engineering October 11th, has been reprinted in pamphlet form.

The Bookman for December contains a sonnet, "The holy place," by Zona Gale, '95.

Prof. Charles Noble Gregory, '71, has a letter in the London *Law Times* for December 14th in support of the "poor man's lawyer" movement in England, pointing out the liberal provisions in the United States for the employment of counsel at public expense.

The *Pharmaceutical Review* for December contains a note on "Guaiacol succinate" by F. G. Ehlert '01 p.