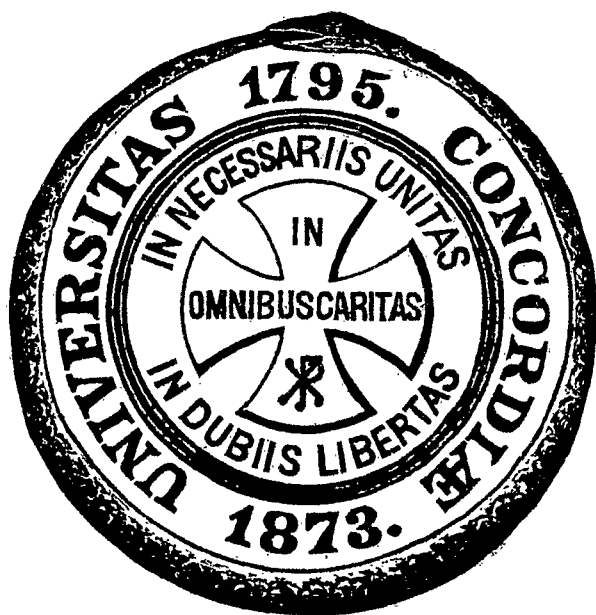


The Concordiensis.



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SCHENECTADY, N. Y.

VOL. XXV.

FEBRUARY 13, 1902.

No. 15.

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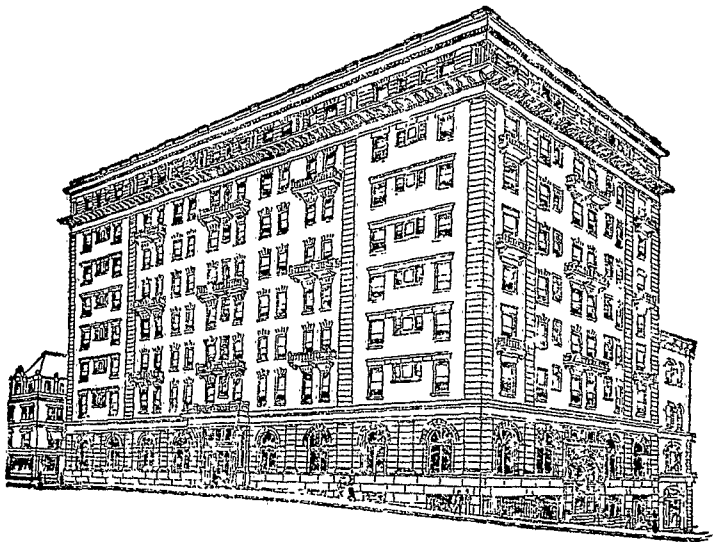
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The Concordiensis

VOL. XXV.

UNION COLLEGE, FEBRUARY 13, 1902.

No. 15.

THE NEW SCIENCE OF BACTERIOLOGY

[By Dr. J. H. Stoller, Professor of Biology in Union College, in the Independent for December 6.]

The study of bacteria may be carried on from two quite distinct points of view. Regarding these minute organisms in their relations to disease, bacteriology becomes a branch of pathology, or the science of diseases. It is in this aspect chiefly that the subject has claimed the attention of investigators in recent years. In the history of any science those phases of it which have a direct relation to human interests are naturally the first to be cultivated. A science which at the outset offered a new theory of infectious diseases, with the implied possibilities in therapeutics, or methods of treating such diseases, was sure to be developed first in this direction.

From the other point of view bacteriology is simply a branch of biological science—a division of the subject of botany, the most attractive of sciences. Bacteria are minute plants, and, like the larger ones with which we are familiar, for the most part are not only harmless but useful and beneficent to mankind. The study of bacteria from this standpoint may be said to have added a new department of flora to systematic botany. It has also resulted in important discoveries concerning the role of these organisms in many processes in nature. We now know that bacteria are a necessary factor in that circulation of matter which is constantly going on between the organic and inorganic kingdoms in nature. As soon as an animal or plant dies, bacteria seize upon the body and break down its highly complex compounds into the simple ones of the inorganic world. The latter are then in available form to serve as food for plants, whence they may again be lifted up into the organic realm.

This science of bacteriology comprehends the knowledge that has been gained of bacteria by

study along both the above lines. It may be said that this science had its birth in the year 1881, when Koch perfected a method of cultivating bacteria upon solid media. Up to that time an insuperable difficulty in the way of gaining a knowledge of these organisms had been the confusing mingling of different species of bacteria when any attempt was made to study them by direct microscopic examination. Suppose one examines with the microscope a drop of impure water—containing decomposing organic matter. Innumerable bacteria, of various forms and various modes of action, are presented to the view. It is quite impossible to distinguish one species from another, partly owing to their extreme minuteness and partly to the general similarity of their forms. The observer would not be able to distinguish, for example, the typhoid fever bacillus from common and innocuous bacilli. The difficulty of isolating any single specific form was the great drawback in the study of bacteria until the invention of the method referred to.

If one holds in the hand a mixture of small seeds of similar forms and sizes it may be difficult or impossible to pick out the different kinds. But if these are now scattered over a considerable area of soil and allowed to grow to mature plants, the latter will then be so unlike as to be readily distinguished and classified according to their natural characteristics.

* * * * *

The classification of bacteria, or systematic bacteriology, therefore, rests upon a different principle from that employed with reference to all other plants. While the latter are grouped according to features of the individual plant—the form, number and arrangement of stamens, pistils, etc.,—bacteria are classified, as regards species, according to features presented by aggregates of like individuals, or colonies.

* * * * *

In the year that Koch published his method

of obtaining pure cultures of bacteria he set forth the results of his studies as to the procedure necessary to establish the causal relationship of any suspected species of bacterium to disease. He stated that the conditions necessary to be satisfied, in order to demonstrate the etiological relation of any species of organism to disease, were four, as follows: First, the organisms must be found in the blood or tissues of the body affected with the disease; second, they must be transferred from the diseased tissues to artificially prepared media and pure cultures of them obtained; third, when material from a pure culture is inoculated into a healthy subject it must produce the disease in question; fourth, the species of organism under investigation must be found in the tissues of the animal to which the disease has been communicated by inoculation.

Applying these methods, Koch demonstrated the truth of the germ theory of disease in the case of a number of distinct affections to which some of the lower animals are subject.

The way having thus been opened, rapid progress was made in this line of research, invested with so much importance to human interests. The most important discoveries may here be mentioned.

The bacillus of typhoid fever, first observed by Elberth in 1880, was in 1884 first cultivated and described by Gaffky. The chain of evidence is not quite complete with reference to the specific infective character of this organism. Elberth's bacillus is undoubtedly always present in certain organs of the body, especially the intestine and spleen, of a person having typhoid fever; also, it can be isolated in artificial pure cultures. But owing to the fact that animals are not subject to this disease it has not been demonstrated that it can be produced by inoculation.

* * * * *

In 1882 Koch announced his discovery of the bacillus of tuberculosis and proved by his methods that the organism was the true cause of the disease. This discovery has changed the whole theory of the etiology of this disease, making it not an hereditary—at least not directly

so—but a communicable, infectious disease. The germs enter the body through the air and also, though probably not frequently, through the use of milk and meat from tuberculous cows. There is strong evidence that the healthy human body is ordinarily able to resist the invasion of the tuberculosis germ, so that, while it is an infectious disease, it is not highly dangerous as such.

The discovery that erysipelas is due to a specific organism was made and verified by Fehleisen in 1883.

In 1884 Koch published his discovery of the cholera germ—the “comma” bacillus. Like the bacillus of typhoid fever, the cholera germ shows an alternation of conditions in its life history. In one stage it lives outside the body, a favorite habitat being impure water; the other stage of its existence is realized if it finds access to the human body, where, changing its mode of life, it becomes a parasitic organism.

The bacillus of diphtheria was discovered by Loeffler in the year 1884. This is an example of a disease germ which is localized in a particular region of the body, but whose effects extend to all of the tissues. The bacillus is confined to the false membrane of the throat, but it throws off a poison called toxine which, through the circulation of the blood, produces the general systemic derangement which constitutes the disease.

* * * * *

A disease germ possessing characteristics similar to that of the bacillus of diphtheria is the organism which is the specific cause of tetanus, or lock jaw. It was discovered by Nicolaur, also in the year 1884. The natural habitat of this germ is the soil, whence it finds access to the body through wounds.

* * * * *

In addition to the above many other discoveries of bacteria occurring in association with disease have been made. But in many cases a doubt arises as to whether the organisms observed are the cause of the disease or merely incidental to a diseased condition arising from physical causes. For instance, a germ has been isolated from the mucous secretions accompany-

ing the disease of epidemic influenza, or grip, but it is quite possible that the disease is due to meteorological conditions alone, and that the germ occurs merely in association with an inflamed state of the mucous membrane of the nose and throat.

It may be said in general that the discoveries in the science of bacteriology in its relation to diseases, during the last decade and a half, have shown that a number of maladies, including several of those most common and most destructive of human life, are due to specific germs, and that these discoveries have given a new and scientific etiology, or theory of causes, for these diseases. In regard to the practical application of the knowledge gained in the treatment and cure of diseases, it may be said that the whole matter is in the experimental stage, but that some achievements have been made and that there is warrant for hoping that much may be accomplished in the future.

The greatest triumphs of bacteriology thus far are in the line of preventive rather than in curative medicine. It is impossible to overestimate the benefits that have already been derived from our present clear knowledge of the nature of infectious diseases. We are no longer wholly at the mercy of a spreading contagion like that of Asiatic cholera; the success with which that disease was controlled in 1892 was largely the outcome of our present exact knowledge of its nature, as shown by bacteriological research. The science of sanitation, in relation to quarantine, drainage, water supply, etc., has had a new birth in recent years, for which thanks are largely due to workers in bacteriology.

Mention should be made, too, of the very important contribution which the study of bacteria has made to the science of surgery. The relations of these organisms to inflammatory conditions of wounds, have been investigated, resulting in the now well known methods of antiseptic surgery, of inestimable value in alleviating suffering and diminishing mortality. To Lister, an English surgeon, more than to any one man, is due the credit of introducing this system of surgery.

WASHINGTON ALUMNI RE-UNION.

Annual Re-union and Dinner on February 24.

The fifth re-union and dinner of the Union College Alumni Association of Washington, will be held at the Hotel Raleigh, Pennsylvania avenue and Twelfth street, on Monday evening, February 24. The dinner, which will be served at seven o'clock, will be preceded by the business meeting at six p. m.

President Raymond will be present on the occasion and every effort is being made to make the occasion a success.

Attention is called to the annexed list of resident alumni. If anyone can correct it or supply any omissions, the secretary would be pleased to hear from them. The by-laws provide that any person who has, for any length of time, been in attendance at Union College or any of the affiliated schools of Union University, or who has received any degree therefrom, is eligible to membership.

Alumni of Union University residing in Washington are as follows:

Union College—William W. Dean, '37, Asahel C. Geer, '43, Franklin Moore, '43, William H. Smith, '46, Charles C. Nott, '48, Lewis S. Wells, '50, Sheldon Jackson, '55, George C. Hazelton, '58, Weston Flint, '60, John L. Paine, '60, Americus V. Rice, '60, George W. Wormelle, '60, Charles W. Gillett, '61, Henry H. Copp, '62, Nicoll Ludlow, '62, Rodney S. Vedder, '62, Chase Roys, '63, Teunis S. Hamlin, '67, George Westinghouse, '69, John J. Freeland, '70, Thomas R. Featherstonhaugh, '71, John S. V. R. Hoff, '71, Frank Tweedy, '75, Franklin H. Hough, '77, John C. Pennie, '77, Thomas Ward, '78, James E. Benedict, '80, William de C. Ravenel, '80, Philip J. Ryan, '80, William Meyer Lewin, '82, Joseph E. Ransdell, '82, James J. Kemp, '84, Pickens Neagle, '84, Frederick Z. Rooker, '84, Herbert M. Dickinson, '89, John Van Schaick, Jr., '94, Edgar Brown, '95, Norman E. Webster, Jr., '96.

Honorary—Henry Y. Satterlee, D. D., '82, William A. Croffut, Ph. D., '89. George Westinghouse, Ph. D., '90, Rufus W. Peckham, LL. D., '94.

Albany Medical College—Gustavus W. Pope, '51, Thomas R. Featherstonhaugh, '77.

Albany Law School—David J. Brewer, '58, Redfield Proctor, '60, Leavellyn Powers, '60, Charles F. Scott, '61, Henry R. Gibson, '65, Joshua S. Salmon, '73, Washington Gardner, '76, Franklin H. Hough, '77, James H. Davidson, '84, George N. Southwick, '85.

The officers of the association are: Charles C. Nott, '48, president; Frederick Z. Rooker, '84, first vice-president; Teunis S. Hamlin, '67, second vice-president; Norman E. Webster, Jr., '96, secretary; Henry N. Copp, '62, treasurer.

SYRACUSE-ROCHESTER-UNION DEBATE.

The trial for debaters to represent Union in the contest of the tri-collegiate debate between Union, Rochester and Syracuse, universities will be held in the college chapel on Thursday, February 27, at eight p. m. The contest is open to any undergraduate who cares to enter. The debate will be held on the evening of March 17. Any man intending to enter this contest should hand in his name as soon as possible to either Griffith, '02, Gillespie, '02, or Parsons, '02.

THE SOPHOMORE SOIREE.

The Sophomore Soiree was held in Nott Memorial Hall on the evening of February 7. The dance was very successfully given. The decorations were tasteful and the floor in fine condition. About fifty couples participated. The music was furnished by Gioscia and refreshments by Dobermann. The committee having the affair in charge was composed of: J. F. Lawsing, chairman, W. B. Watson, H. R. Glutzbeck, G. V. Sherrill, F. H. Drees, H. D. Allter, H. J. Langlois, W. C. Trcder, W. H. Gardinier, W. F. Johnson and H. R. Andress.

UNION WITHDRAWS FROM N. Y. S. I. A. A.

Annual Meeting of the Organization Held in Utica.

The advisory Board of the New York State Intercollegiate Association held its annual meeting in Bagg's hotel, Utica, Saturday, Feb. 1st, the following representatives being present: H. S. Stewart, Rochester; E. S. Warner, Hobart; D. E. Griffith, '02, and E. W. Strong, '99, Union; W. E. Dimorier, '03, and Dr. E. C. Huntington, Colgate.

The following officers were elected: President, W. E. Weed, the Colgate alumni representative; vice-president, Dr. J. A. Leighton, Hobart; secretary, W. E. Dimorier, '03, Colgate; treasurer, H. D. Shedd, Rochester; assistant treasurer, W. F. Budd, Rochester; Athletic committee, D. E. Griffith, Union; E. S. Warner, Hobart; W. E. Dimorier, Colgate; H. S. Stewart, Rochester; Dr. E. C. Huntington, Colgate; Auditing committee, E. J. Cook, Hobart; Prof. H. E. Lawrence, Rochester; Prof. W. P. Durfee, Hobart; Prof. J. B. Taylor, Colgate; Dr. H. L. Towne, Union.

The track pennant and baseball pennant for 1901 were awarded to Colgate and the football pennant to Union.

The next track meet will be held with Rochester University May 30.

Subsequent to the meeting the Union representatives gave notice that their university would withdraw from the league on account of the fact that their athletic work was interfered with by the league schedule.

UNDERGRADUATE SMOKER OR BANQUATE.

The following committee has been appointed by the president of the senior class to confer with the representatives of the Albany departments relative to an undergraduate smoker or banquet: D. E. Griffith, '02, A. H. Hinman, '02, and H. C. Bothwell, '02.

REV. GEO. H. ARCHBOLD ON "CHILD STUDY."

Rev. George H. Archbold, the extension lecturer of the Bible Normal College, Springfield, Mass., who has been lecturing in this city, spoke at the Vesper service in Silliman Hall, Sunday afternoon. The speaker talked on "The Study of Children as a Life Work."

He said, "Every one of us wants to be helpful to others. You come here to learn how to be helpful to others, for there is something in the human heart that makes us desire to be helpful. We must, however, learn to be helpful to the little children."

"The most dangerous thing in the world is the desire to be greater than others. It is a good thing to want to be great, but to want to be greater than others is harmful. When the disciples were quarreling as to who was the greatest, Jesus called a little child and said, 'Except that ye become like this little child ye cannot enter the kingdom of heaven.' The first principle of being great is to be small. A truly great man never thinks of his greatness."

"All Nature cares for its offspring, except man. We do not understand the child. Some of you are studying for the ministry, some are to be teachers, and to you especially, I say, 'Study the Child.' It will help you, first for the life you want to live, and second for the helpfulness of the life you want to live. If you want to be truly great men, study the child. Tomorrow I could place fifty men in positions as superintendents of Sunday schools with salaries from \$1500 to \$2000 a year. Of course these men must understand the child, they would have to have the child feeling, to see and think as he does."

"You can tell what the man will be from the boy. The germinal nucleus of the later life is stored up there. We let the child play a little while and then when he is six years old we send him to school to be buried in books. I tell you, young men, that this is all wrong. The great work of the future will be among the boys and girls. We cannot be happy until we get down to the level of the child."

"As a life work the study of the child is magnificent, it gives you the opportunity to get down beside the child. Would not you like to have a life that flows out with helpfulness like a never ending river?"

"You do not know how many weak fellows here in college need your help, and it is just by this helping others that we get strong ourselves. What a great thing it is to have someone come up to us and say, 'How you have helped me!'"

"So, young men, I suggest to you this noble life work as a specialist in the study of the child. The great need of our time and of our church is for men that understand children."

"COLLEGE DAYS OF THE PRESIDENTS."

The current Munsey contains an article of much interest to college men, called "College Days of the Presidents," by F. S. Arnett. Only six of the Presidents of the United States have been fraternity men, and of these six two were admitted as members after graduation. The article is of interest to Union men in that it refers to Chester Alan Arthur, A. B., Union, '48, LL. D., '82. In speaking of President Arthur's college days the author says, "Arthur, who came of a college bred race, was a typical fraternity man of today. His scholarship was shown by his election to Phi Beta Kappa as one of the sixteen highest in his graduating class at Union. But it was to Psi Upsilon that he gave a lifelong devotion." An account is given of a fraternity dinner given by Arthur, while President, to the his fraternity and the men prominent in national affairs who took part in it. In continuing, "Arthur, that night, was again a college boy, and although carriages had been ordered for ten o'clock, there was reluctance to leave even at two in the morning."

Armour Institute, with an endowment of \$3,000,000, and an enrollment of 1,000 students, will probably be absorbed by the University of Chicago in a short time. In the past five years this university has absorbed 19 schools.

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N. Y. S. I. A. At the meeting at Utica on February 1 of the N. Y. S. I. A. A. League.

Union's representatives, E. W. Strong, '99, and D. E. Griffith, '02, presented to the meeting Union's resignation. This was accepted with regret by the meeting. Some of the representatives expressed themselves as having the same difficulty that is the cause of Union's withdrawal. This difficulty is that the League game very often seriously interfer with games that might be arranged with other college teams. The management of the athletic teams at Union have encountered this difficulty for some years. Union then withdraws from the League solely on account of the fact that she desires greater freedom in the arrangement of her athletic schedules and from no other motive.

The Psi U Fire The Concordiensis express the sentiments of the college when it offers to the members of the Psi Upsilon fraternity its sincere sympathy for their recent misfortune. This, the members, doubtless already know that they have, as shown by the efforts of the students to secure the furniture and personal belongings of the members from the burning house. But this acknowledgement is made to assure them that the loss was one to the college as well as to the members of the fraternity. The accident is to be regretted as unfortunate, and it is hoped that the insurance will entirely cover the loss.

The New Catalogue. The Catalogue Committee is to be congratulated on the appearance of the new University Catalogue. The volume is larger than the last catalogue and is a much better-appearing book than usual. It contains one hundred and eighty-six pages of printed matter, one hundred and fifteen of which are devoted to the College, nineteen to the Medical, thirteen to the Law, ten to the College of Pharmacy, five to the Dudley Observatory and the remaining twenty-six to the university in general. The arrangement of the matter contained in the catalogue is much improved. The total number of students for the entire university is five hundred and thirty. Of this number one hundred and ninety-five are in the College, one hundred and fifty-four in the Medical, one hundred and twenty-seven in the Law and fifty-four in the College of Pharmacy.

BETA THETA PI SMOKER.

The Beta Theta Pi fraternity gave a smoker and whist party to their alumni at the chapter house on the evening of Feb. 5. Among those present were: Prof. Eddy, Prof. Wheeler, A. J. Dillingham, '86, George E. Pike, '00, Walter S. McEwan, '95, James Wingate, '97, Daniel H. Deyoe, Jr., '98, Allen B. Andrews, '98, W. E. Van Wormer, '01, Earl B. Slack, '01, F. R. Champion, '99, L. L. Everson, Syracuse, '00, E. W. Sanford, St. Lawrence, '91, B. A. Garrett, Colgate, '99, and others.

LITERARY STUDY OF THE PSALMS.

"A Day of Communion with God."

Dr. Truax's talk on Sunday, February 9, was based on the "Drama of Night and Morning" in Psalm III and the associated evening and morning prayers in Psalms IV and V.

Attention was concentrated upon the calm and trustful mood of one who, environed by enemies, lay down and slept confident in a God who was his "shield," and the "uplifter of his head"—and the jubilant, exultant temper in which he awoke refreshed, with a courage that declared itself ready to face ten thousand foes and not content merely to remain on the defensive besought God to arise and lead the assault. Dr. Truax pointed out that Psalm IV is an evening prayer expressing the gratitude and trust of one who counts "gladness of heart" a greater blessing than increase of corn and wine, and who longs at eventide for the light of God's countenance—as for a mother's smiling face.

Psalm V is a morning prayer in which the thought ranges forward to the cares and duties and opportunities of a dawning day, and in its four strophes it dwells upon the watchful guardian in the heavens; the yawning pits that open on the path of life; the divine abhorrence of the plotter of unrighteousness; the delight of God in the doer of good.

The relation of sleep to the work of life was discussed, and above the man who trusted in himself, above even the king, protected by his palace walls and guards, was placed the man who at the close of each day can sleep serenely as Christ slept, though in the midst of winds and waves that fright the very pilot. Such an one can face the struggle of life each day with the coolness of nerve and the strength of mind and body, that assure victory and even reap its joys in advance in expectant anticipation of his buoyant spirit.

Eighteen Rutgers men took part in the first trial for men for the debate team which will contest with Union the latter part of this term.

THE PSI U HOUSE INJURED.

A fire broke out in the upper eastern wing of the Psi Upsilon house on Thursday morning, February 6, at about half past ten o'clock. The origin of the fire is unknown but it is thought that it was caused by improper insulation of the electric wiring. The upper eastern portion is completely destroyed, the inner walls and the rooms are much damaged. The lower floors are also injured from being flooded with water.

The fire was discovered by Walker, '05, who was returning to his room from a recitation. He endeavored to extinguish the flames with the aid of the fraternity chef, but as their efforts were proving futile one of them turned in the fire alarm. The fire department responded promptly but it was some time before any streams were playing on the fire as the hydrants on the college grounds were frozen up and it was with much difficulty that they were put into use. In the mean time the hydrant on Union avenue was connected and was helpful in extinguishing the fire although situated at such a distance from the burning house. All of the furniture and personal belongings of the occupants except those of Walker, '05, in whose room the fire started, were saved though much of the furniture was injured in being brought out. The furniture was carried by the students to Silliman Hall as a place of safety. The loss on the house and furniture is about \$3700 which is covered by insurance. The members of the fraternity are now temporarily installed in South College where they will remain until their house is repaired.

LECTURESHIP FOR JUDGE LANDON.

Judge Judson S. Landon, L.L. D., Union, A. M., and president *ad interim* of the college from 1884 until 1888 who retired from the Court of Appeals bench December 31, 1901, on account of having reached the age limit, has been appointed to the lectureship on Evidence of the Albany Law School to succeed the late James W. Eaton.

"HAMLET."**Prof. Ashmore before the Shakespeare Club.**

Dr. Sidney G. Ashmore, of the Latin department, delivered the first lecture in the course before the Shakespeare Club on the evening of February 6. The lecture was interesting and instructive and was appreciated judging from the large audience present. The Concordiensis regrets that it is impossible to publish the text of the lecture owing to the large number of extracts from the play that were excellently read by Prof. Ashmore. The lecture showed thought and a thorough mastery of the play and the speaker treated it at some length, the lecture occupying an hour and twenty minutes.

THE ALLISON-FOOTE DEBATE.

The debating societies, the Philomathean and the Adelpic, are getting their material together for their annual struggle on Charter Day, Friday, February 21. The contest is for the two Allison-Foote debating prizes of \$50 each, one for the side making the best argument and one for the man making the best individual speech. The contest will probably be held in the State Street Methodist church.

The Adelpics have chosen the affirmative side of the question which is: "Resolved, That anarchy cannot be satisfactorily suppressed by direct legislation."

The debaters are: Adelpics—H. A. Pearce, '03, G. W. Donnan, '03, and G. Parker, '03; Philomatheans—D. E. Griffith, '02, G. S. Woolworth, '02, L. W. Bloch, '02.

SCHENECTADY BOARD OF EDUCATION.

Mayor H. S. Van Voast, '93, has re-appointed the following men to the board of education of Schenectady: W. Scott Hunter, '68, and Robert J. Landon, '80.

COLLEGE TALK.

Ostrander, '02, spent last week with friends at Hamilton.

Peck, '03, has been confined to his room for a few days with an attack of pleurisy.

The Pi Phi society of the U. C. I. will hold their annual banquet on the evening of February 20.

The Yale basketball team was defeated by a score of 10 to 7 in the game with the Washington Continentals last Friday evening.

Action was taken at the college meeting on Monday morning relative to the holding of a University Smoker or Banquet. A committee from the college will be appointed soon to confer with the Albany representatives.

An instrumental quartette, consisting of A. H. Hinman, '02, S. B. Howe, Jr. '03, S. D. Palmer, '04, Mandolins, and Griswold, '03, Guitar, played at the meeting of the Teachers Institute held at the Court House, Schenectady, February 6, 1902.

THE SCHENECTADY ASSEMBLY.

The second and last of the dances known as the Schenectady assemblies was held in the Arcade Hall on Tuesday night, February 4th. The invitation list was limited to 150 persons. The patronesses of the assembly were Mrs. Andrew V. V. Raymond, Mrs. John Keyes Paige and Mrs. S. Dana Greene. Among the Union men present were: Hon. E. Winslow Paige, '64, J. K. Paige, '65, Dr. W. L. Pearson, '68, D. W. Watkins, '80, B. C. Sloan, '81, E. C. Angle, '86, Allan H. Jackson, '86, N. W. Waite, '89, Dr. Frank Van der Bogart, '95, M. H. Strong, '97, A. H. Kruesi, '98, E. W. Strong, '99, G. W. Featherstonhaugh, '00, D. W. Paige, '00, R. F. Warner, '01, G. Parker, '03, and A. S. Peck, '03.

Lehigh has received \$5,000 for the equipment of a Mechanical Laboratory.

THE ALUMNI COLUMN.

Interesting News About Union Graduates.

[Every alumnus and undergraduate of Union is invited to send to the Alumni Editor items of interest for insertion in this department. News of a personal nature, about any alumnus, will be gladly received and printed.]

'61.—Hon. Charles Emory Smith will deliver the oration at the McKinley Memorial exercises under the auspices of the New York legislature.

'72.—The New York State Historical Society has elected Dr. W. Seward Webb a trustee to fill a recent vacancy.

'72.—The N. Y. Tribune for February 8 has the following to say concerning Dr. Seward Webb:

"Concerning his candidacy for Governor of Vermont, Dr. W. Seward Webb said at Burlington on Saturday: 'I am in the hands of my friends in this matter, and if the people of my adopted State elect me to the office of Governor I shall appreciate the high honor conferred upon me. It was with considerable reluctance that I finally consented to allow my name to be used, as I am not unmindful of some of the unpleasant features of such a contest, but having once determined upon my candidacy my friends need have no fear that my name will be withdrawn. There is absolutely no foundation for the report of a bargain. I am not a party to any such political combine with any man or men whomsoever, either tacitly, implied or otherwise, nor have I been approached with any suggestions or intimation of any candidacy, bargain or obligation. In fact, if I am nominated and elected Governor of Vermont, it will be as a free and independent agent, with no tails to the office, for, in my judgment, that is the only way in which the public good can best be subserved.'"

'76.—"Pickett's Gap," a story by Homer Greene is running serially in the Youth's Companion.

'80.—Judge David Muhlfelder has been elected president of the Adelphi Club of Albany.

'80.—DeLancey W. Watkins has been re-appointed chairman of the Schenectady County Side-Path Commission for five years.

'80.—Judge David Muhlfelder of Albany has recently been reelected to the board of managers of the society for providing homes for destitute Israelites.

'81.—Frederick W. Cameron, was recently re-elected president of the Burns Club of Albany.

'93.—Henry D. Merchant, of Nassau, is a director in the newly organized limited Construction Company of Albany with a capital of \$50,000.

'97.—Rev. Arthur H. Winn is now stationed at Somerville, Mass.

'97.—Rev. Orlando B. Pershing, now pastor of the North Reformed Church in Watervliet, visited friends on the hill this week.

'97.—Northrup R. Holmes of Troy, Law '01, has obtained a position in the legal department of the Title, Guarantee & Trust Co., New York.

'99.—At the recent reunion of the Union University Alumni Association of Northern New York, held at Albany, H. J. Hinman was elected secretary, to succeed J. N. Vander-Veer, '99.

'01.—Joseph H. Clements, Jr., sailed on Thursday, Feb. 5, on the "Celtic" for a three months' tour of Egypt and Palestine. On returning he will travel through central Europe.

MORE OF THE PASTURE TO GO.

At the recent semi-annual meeting of the trustees of the college authority was given Treasurer Frank Bailey to have an avenue laid out at the foot of the pasture and as an extension of Quackenbos street from Union street to Nott street.

This project should enlarge considerably the productive endowment of the college as the property is centrally located and in many respects the best unimproved residence site in the city.

ALBANY LAW SCHOOL.

H. H. Fleming, of Kingston, N. Y., has entered the senior class.

Messrs. Russell, Norris, Dayton, Smith and McLindon of 1901 have visited the school during the past few weeks.

1903 counts three new men, Nicholas DeVoe, Albany, N. Y.; Milton DeVoe, Albany, N. Y.; and George H. Smith, Hamilton, N. Y. and Colgate University, B. S.

The seniors are still wrestling with Real Property and Code Procedure. The juniors will continue Elementary Law until March with Mr. Battershall, when Domestic Relations will be taken up, followed by Mr. Parker on Bailment, and Judge Tennant on Personal Property.

In spite of the high percentage of failures throughout the State at the recent bar examinations, the Albany Law School maintained her reputation for the almost total absence of failures, and Messrs. Cook, Coons, Kathan, Bonesteel, Knapp, Russell and Shedd, all of 1902, were among the successful ones. Of these Messrs. Knapp and Bonesteel have left the school.

The second term started most auspiciously on the 3d inst., lectures being resumed on the 4th. Hon. Judson S. Landon, of Schenectady, who but recently retired from the Supreme Court

Bench after a long and brilliant term of service, being one of the three judges designated in January, 1900, to sit on the Court of Appeals Bench as an Associate Justice, comes to the faculty as lecturer on Evidence. This is a splendid addition to the faculty, and will do much to help the school in the steady progress which is being made under the present management.

LITERARY NOTES.

THE LOVE STORY OF GEORGE ELLIOT.

The world has always judged pretty harshly the union of George Elliot and George Henry Lewes; not for itself but for its influence upon others. The early life of George Elliot and the nature of her intimacy with Mr. Lewes and the strong personality of each are feelingly discussed in the March Delineator by Clara E. Laughlin in her series on Authors' Loves. Certainly George Elliot's four and twenty years of life with Lewes were idyllic, full of earnest purpose and unremitting labor and crowned with a perfection of mutual understanding and helpfulness. Mr. Lewes first encouraged her to write fiction and her success proved his wisdom; her novels bear ample testimony to this. The article is accompanied by some rare illustration.

In the same number there is another essentially literary paper by Dr. Elliott on his Recollections of Maria White (Mrs. James Russell Lowell.)

There is a very interesting article in the Atlantic Monthly on "College Professors and the Public," written by the editor, Bliss Perry.

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INTER-COLLEGIATE.

The University of Michigan now offers a course in ship-building.

The Yale Football Association made a clean profit of \$25,000 the past season.

There is a concerted action among the colleges of Michigan to do away with football.

Out of twenty-eight games on Princeton's baseball schedule, fifteen are to be contested in Princeton.

The University of California is planning for a new library building which will contain 1,000,000 volumes and accommodate 600 students in its reading rooms.

Ten hours of study, eight hours of sleep, two of exercise, and four devoted to meals and social duties, is what President Eliot of Harvard recommends to students.

Chicago has a runner who is hailed as a crack man. The most interesting part of this news is the fact that the athlete in question is a Russian, Xenapha Kalamatian by name.

Dr. W. G. Anderson, physical director of Yale University, has just completed a new invention for measuring the effect of different kinds of exercise on the human brain.

Andrew Carnegie has given \$100,000 to the Stevens Institute of Technology at Hoboken. The money is intended as an endowment for the Carnegie Laboratory of Engineering.

Students who represent the University or Texas in inter-collegiate debating or oratorical contests are excused from examinations between the time of their selection and such contests.

President Eliot of Harvard in his annual report showed statistics which proved that the athletic successes and failures of a year do not affect the size of the next year's entering class.

The registration of students at Cornell this year is very heavy, the total number reaching 2,980, while the property of the University by the treasurer's report has increased to \$10,870,200.

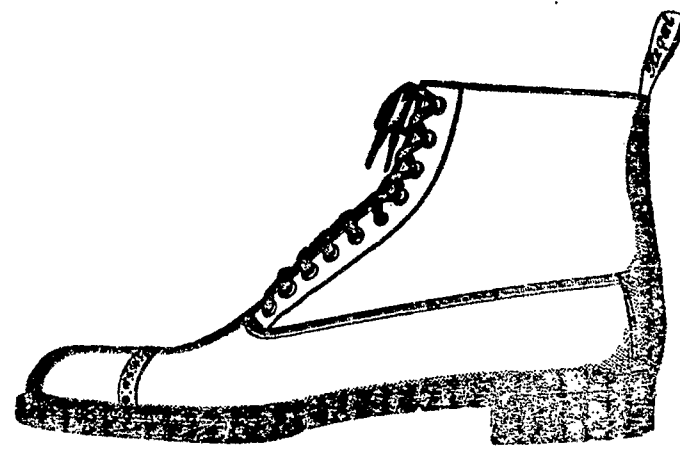
Under Mr. Seth Low's leadership the resources of Columbia university increased from \$12,000,000 to \$18,000,000; three separate schools have grown into seven united departments and the student population has increased from 1,100 to 4,600.

Among the college men registered as law students at the University of Pennsylvania more than sixty colleges and universities are represented; and among the 380 students almost every county in Pennsylvania and twenty-two States and foreign countries are represented.

LAND FOR THE UNIVERSITY.

The Assembly passed on Thursday, February 6, Senator McEwan's bill authorizing Albany to donate to Union University six acres of the almshouse property for the erection of a building for the advancement of science and astronomical research.

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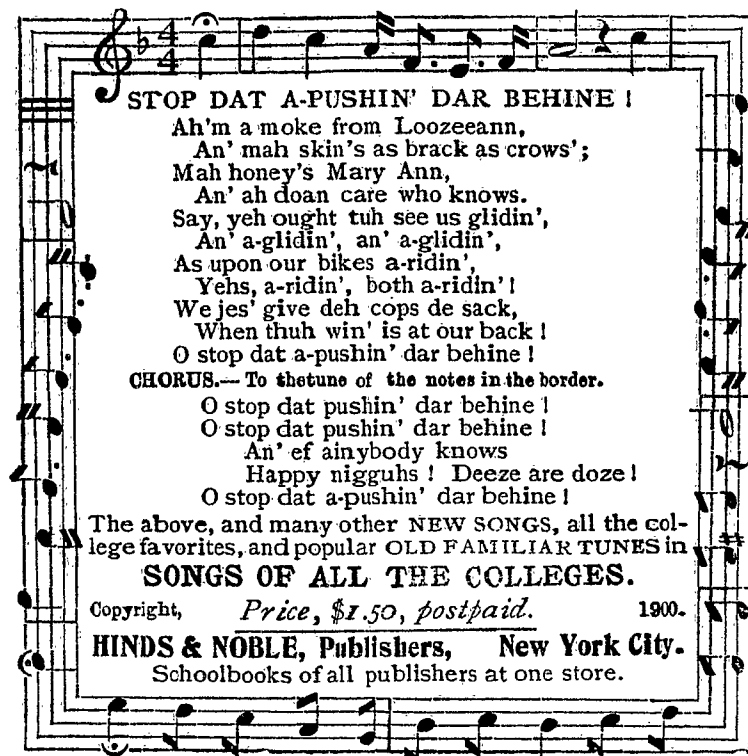
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An' ah doan care who knows.
Say, yeh ought tuh see us glidin',
An' a-glidin', an' a-glidin',
As upon our bikes a-ridin',
Yehs, a-ridin', both a-ridin'!
We jes' give deh cops de sack,
When tuh win' is at our sack!
O stop dat a-pushin' dar behine!
CHORUS.—To the tune of the notes in the border.
O stop dat pushin' dar behine!
O stop dat pushin' dar behine!
An' ef anybody knows
Happy niggus! Deeze are doze!
O stop dat a-pushin' dar behine!

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*No. 36, Atlantic Express.....	2:18 a m
No. 68, Utica Accommodation.....	7:28 a m
*No. 10, Chicago & Boston Special.....	8:31 a m
*No. 14, Oneida Accommodation.....	9:37 a m
*No. 16, N. Y. & N. E. Express.....	10:45 a m
*No. 56, Accommodation.....	12:07 p m
No. 2, Day Express.....	1:33 p m
*No. 22, N. Y. & Chicago Limited.....	2:35 p m
No. 62, Accommodation.....	3:59 p m
*No. 14, Eastern Express.....	4:14 p m
*No. 18, West Shore.....	5:40 p m
*No. 66, Accommodation.....	5:59 p m
No. 72, Accommodation.....	7:10 p m
*No. 74, Accommodation.....	9:48 p m
*No. 28, N. Y. & Boston Express.....	11:25 p m
*No. 32, Fast Mail.....	11:50 p m

k stops to land passengers from Chicago and points west and to take on passengers for New York and Boston.
a carries sleeping car passengers only for Boston.

Going West.

No. 29, Buffalo Special.....	12:11 a m
*No. 37, Pacific Express.....	2:27 a m
No. 41, Accommodation.....	7:38 a m
*No. 43, Buffalo Local.....	8:46 a m
*No. 63, Accommodation.....	9:53 a m
No. 65, Accommodation.....	11:47 a m
No. 45, Syracuse Express.....	2:00 p m
*No. 3, Fast Mail.....	12:30 p m
No. 7, Day Express.....	3:15 p m
*No. 47, N. Y. & Syracuse Accommodation.....	5:20 p m
*No. 21, N. Y. & Chicago Express.....	6:15 p m
*No. 17, N. Y. & Detroit Special.....	8:20 p m
*No. 67, Oneida Express.....	8:27 p m
*No. 23, Western Express.....	10:32 p m
*No. 71, Accommodation.....	11:02 p m

* indicates train will run daily.

b No. 17, will stop at Schenectady on signal to take passengers for points west of Buffalo.

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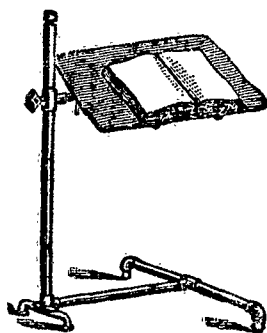
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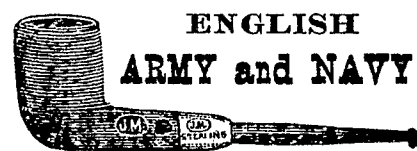
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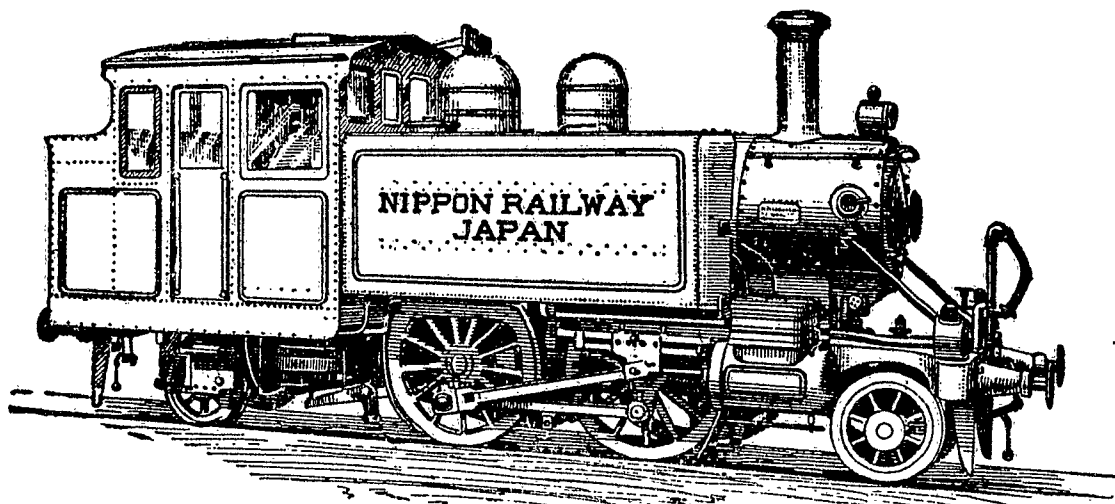
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