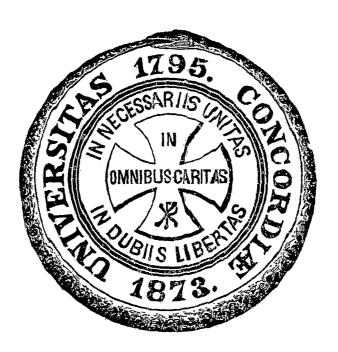
* * * * THE * * * * CONCORDIENSIS

VOLUME XXVIII

NUMBER 15



FEBRUARY 4, 1905

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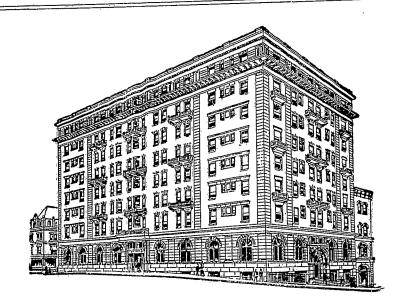
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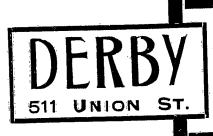
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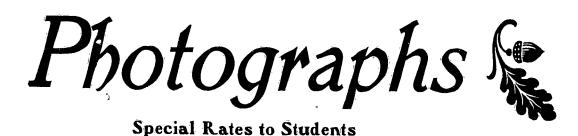
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THE CONCORDIENSIS

VOL. XXVIII.

UNION COLLEGE, FEB. 4, 1905.

No. 15

THE CABLES OF WILLIAMSBURG BRIDGE.

On Friday afternoon, January 27, a lecture was given in the chapel on "The Cables of the Williamsburg Bridge." The speaker, Mr. Isaac Harby, was formerly a student at Union, and graduated in the class of 1895. He was intimately acquainted with his subject, having been associated with Mr. William Hilderbrand in this most important part of bridge construction. The lecture was unusually interesting, as Mr. Harby dealt with technical terms as little as possible, and a series of stereopticon slides made plain a number of points that otherwise would have been confusing.

In opening his remarks, Mr. Harby expressed his appreciation at being asked to address the students and of possessing some professional experience that might prove beneficial to undergraduates.

The main features of the bridge are two towers, between which is suspended the stiffening truss by four great cables, the anchorage, and the approaches. The towers are 335 feet high, dividing at the base and resting on bed rock, 112 feet below the surface of the water. The main span contains two roadways for vehicles, 125 feet above ground. two lines of tracks for elevated trains, four trolley tracks, two bicycle paths, and two for pedestrians. The anchorages are of masonry, 600 feet from the river front, 150 feet square and 100 feet above ground. The approaches are of truss formation such that none of their weight is supported by the cables. The Manhattan approach is 2,500 feet in length, while the Brooklyn is 1,900, the total length of the entire structure being 7,200 feet.

In regard to general construction, the Williamsburg Bridge presented only the same problems that are found in a hundred others of the same type. The weight of the loads being known and the formulae of the catenary and parabola, the stresses in the cables, the downward pull on the towers and the horizontal pull on the anchorages could be computed. But the cables are the backbone of a suspension bridge, and hence the vital part. It is the one part of the construction that presents unusual difficulties and tests the genius of the engineers. To suspend in mid-air 1,600 feet of steel wire weighing 5,000 tons is by no means an easy proposition.

In order to erect the cables it was necessary first to establish a connection between the two towers. A reel of steel cable was moved on a float at the New York tower. One end was drawn up over the tower and fastened to the anchorage, while the reel was towed across the river, the cable paying out and sinking to the river bed. On the Brooklyn side the other end was carried up over the tower, raising the submerged cable while it swung in midair. This operation was prepared at slack water and navigation was suspended during the process. Three other cables were strung in a similar manner and when the final one swung into position, the engineers sighed a sigh of relief for the task was by no means an easy one. The construction of foot-bridges now commenced, one above and another below the position that each finished cable would occupy. On the lower foot-bridge work began at each tower, culminating at the center. The men used a travelling platform which was suspended from two of the temporary cables. upper bridges were started at the center of the span. It was thus necessary to convey the building material to the central portion at first and the men became quite expert in manipulating the beams along the overhead cables, finally being able to run with them. Hand ropes were installed for protection, but these dipped below the foot-bridge in the middle of the span. In connection with this fact an amusing incident was told of a "yellow journal" reporter who was seleking fame for himself and paper. He decided to take lunch at the center of the span and write up a glowling description of his meal as he sat 'twixt the two blues. However, the nearer he approached his goal, he found that the hand ropes gradually disappeared beneath his feet until finally he was left destitute of a substantial support. Calling some workmen to his rescue, he was aided to the desired spot; but just then the noon whistle blew and his rescuers deserted him. The reporter failed to dine.

When the foot-bridges were completed the spinning of the cables was commenced. Guide wires were first strung and as these had to be varied for each strand, their adjustment was one of the most tedious and difficult parts of the work. In the spinning proper, an endless rope was suspended carrying two sheaves, one for each cable. These sheaves conveyed a single light from one anchorage to the other. Each of these wires was threesixteenths of an inch in diameter, a total of 7,696 being used in each cable. In order to facilitate the work of anchoring them, they were divided into 37 strands, each strand containing 208 wires. The strands were looped around so-called "legs" which in turn were fastened to the anchorages. The work of spinning the cables was completed in about one half the time taken to do the same work on the Brooklyn bridge. The cables were squeezed into a cylindrical form and held in position by powerful steel bands. The whole is covered with a waterproof coating and painted. The finished cables rest in cradles on the tops of the towers, three feet behind the center line to allow for contraction and expansion due to temperature and varying loads.

Just previous to the completion of the cable a fire broke out on the Manhattan tower, which completely destroyed the foot-bridges. Fortunately the cables received no serious injury, one only requiring a slight repair.

Although the risk of human life is enormous in work of this character, only one life was lost, purely through carelessness, in this part of the work, while some twenty were lost during the entire construction. But however sacred human life may be, it is a part of the great price that must be paid in such gigantic projects.

THE JUNIOR WEEK CONCERT.

The Saturday afternoon of Junior Week the University Musical Clubs will give a concert in the State Street Methodist church. New music has

been prepared by Mr. Reed, the leader, and c refully rehearsed by the Glee and Instrumental clubs. The Fall concert in the Baptist church was the first in Schenectady in two years and although really a test of new material was in every way a success. The "Faculty Song," sung at that concert, was especially catchy and is now known by all students and their friends. Two months of hard work since then has improved the clubs in every way, and those who are present at the Junior Week concert will be treated to many surprises in original, popular and college music. The spacious Methodist church is not by any means the least of the factors employed by the manager to make the concert a success. Tickets can be produced from Manager Stevens or Assistant Manager Newbury. Souvenir programs are being prepared. The concert will begin at 2:15 p. m. on Saturday, February 11th, and the admission will be fifty cents.

TIGER'S EYE DANCE.

The Tiger's Eye Society gave a dance on Wednesday evening, January 25th, at Yates' Boat House. It was a very enjoyable affair. Parsons and Reubens furnished the music.

Among those present were the Mesdames Hale, Featherstonhaugh and Hotchkiss, Miss Warren of Albany, Miss Alice Pearson of Hudson, Miss Lindsey of Troy, the Misses Hoffman, Hildreth, Ostrom, Horstmann, Bates, Peck, Featherstonhaugh, Kreigsman, Osborn, MacMullen, Furman, Yates, Schermerhorn, Thompson, Kitts, Rothmeyer, Harden, of Schenectady. The Messrs. Stevens, Hous ton, Cook, Cantwell, Davis, Patton, M. Raymond, Waldron, Brooks, Wadsworth, Bradbeer, V. V. Raymond, M. King, E. King, Cool, McIntosh, Lawsing. Dwight, Hart, G. Vedder, P. Vedder, Sawyer, Thomson, Parker, Richardson, Classen, Vincent, Reeder, L. Peebles, Moore, Franchot, Stiles, White, Kreusi, Cabot, Tomlinson, Osborne and Webb.

THE GARNET.

The last copy for the 1906 Garnet was forwarded to the publishers on Friday last, making the completion of the editorial work on Union's fiftieth annual. The book will be completed and ready for

delivery about March the 17th, provided the publishers fulfill their contract. This early date of publication is made necessary owing to the fact that some of the Albany Departments of the University hold their commencements later in March.

The size of the book will be the same as formerly, but the style will be radically changed. The book is printed on antique vellum paper, and the old English style of type predominates. All the half-tones, instead of being printed on the regular paper, are made on a fine grade of smooth finish paper and then pasted in.

The unique features of the book, as regards the contents, are the large number of half-tones and the individual histories of the Junior Pharmacy class. The half-tones comprise seventeen full pages besides many smaller ones, including the team pictures, scienes on the campus and photos of the New York University game.

The Pharmacy Department has taken hold of the Garnet this year as never before. The Junior class at a special meeting voted fifty dollars to the Garnet and decided to have their individual histories in place of the class list as formerly. Moreover they have, almost to a man, subscribed for the book.

It surely behooves us to give our annual the support it deserves from the college.

THE SOPHOMORE SOIREE.

Red Men's Hall-February 10, 1905.

The class of 1907 have been busy all term making preparations for the big social event of the winter and feel confident that their soirce next Friday evening will redound to their credit. Though somewhat hampered at first owing to the refusal of the college authorities to allow them the use of the library, the committee was not discouraged but resolved to make the best of the situation. Very fortunately they have succeeded in securing Red Men's Hall with the privilege of the parlor, billiard room, and smoking room. Parson's orchestra of five pieces will furnish the music, and Owen of Utica will be the caterer. The floor is an excellent one and the expectations of all who are to attend should be fully realized. The committee consists

of Fairbairn, chairman, and the following subcommittees: Invitation, Franchot, Richardson; refreshment, Harvey, Tiedeman; music, Langley, Jirwin; decoration, Bishop, Bryant; floor, Sawyer, Trumbull.

ELECTRICAL FIRE HARARDS.

Interesting Lecture by C. J. H. Woodbury of Boston.

C. J. H. Woodbury, assistant engineer of the American Telephone and Telegraph Company of Boston, gave an illustrated lecture Tuesday night in the chapel on the subject, "Electrical Fire Hazards." After an introduction in which he discussed the application of electricity for illumination, Mr. Woodbury took up the subject of electrical conveyance of power, showing the progress that has been made. He discussed at length the general fire hazard from short circuit, etc., and also took up the subject of the underwriters' rules. A section of the lecture was devoted to the advancement made by the application of underground wires as a means of safety from fire. The lecture throughout was illustrated with a number of stereopticon views by which the speaker's remarks were clearly demonstrated.

ASSISTANT PHILIPPINE SERVICE.

The United States Civil Service Commission announces on March 1-2, 1905, an examination to secure eligibles from which to make certification to fill a large number of positions in the grades of clerk and teacher in the Philippines. As a result of this examination it is desired to secure 140 college graduates, including 20 polytechnic and 20 agricultural, at a salary of \$1,200 per annum. Many of the appointees will be required in the position of teacher, while some will be required in the various clerical and administrative offices in the islands. Excellent opportunities for promotion are offered for well-qualified appointees. For positions requiring college graduates, students who graduate in 1905 will be acceptable.

ALUMNI.

'38.—Rev. Lewis Conger Lockwood died at his home at Ozone Park, N. Y., Dec. 1, 1904. He was born at New Windsor, N. Y., Dec. 20, 1815, and was the son of Samuel Lockwood and Mary Conger. He prepared for college at the Newburgh Academy. He attended the Princeton and Lane Theological Seminaries and was ordained by the Presbytery of Cincinnati, Oct. 6, 1842. He was pastor of churches at Reading and Cincinnati, Ohio, Middletown, N. Y., Upper Aquebogue, N. Y., New York City, Meriden, Ct., Saugerties, N. Y., Brooklyn and Melville, N. Y. He was at Fortress Monroe in 1861-62 on mission work to the freedmen. He was one of the organizers of Hampton Institute. His literary work consists of "The Garfield Memorial," "Mary S. Peake, Colored Teacher at Fortress Monroe," and "Talmadge's Trumpet Peals." He was married to Miss Huldah Terry, Sept. 14, 1852. He was one of the founders of the Delta Upsilon fraternity at Williams College in 1834.

'41.—The address of Beebe D. Crary is Beaumont, Texas.

'47.—Rev. John Crawford, who for forty-seven years has been a missionary in Syria, is now retired at the Syrian Protestant College at Beirut, Syria.

'48.—On Feb. 22, Charles C. Nott will have served forty years on the Court of Claims, having been appointed one of its judges by Abraham Lincoln in 1865. He was made Chief Justice by President Cleveland in 1896. The appointees of Abraham Lincoln in public office are now becoming extremely rare, and in view of this, and also the length of Judge Nott's service, it is proposed to celebrate it in some way that will do him honor.

'61.—Edwin Einstein died suddenly at Sherry's New York City, Jan. 24, 1905. He was born at Cincinnati, Ohio, Nov. 18, 1842. He moved to New York in 1846. He attended the public schools of the city and the College of the City of New York. He went into a New York banking

house as clerk and in five years became a member of the firm. Later he became interested in the woolen trade, and was one of the proprietors of the Raritan Woolen Mills. He was elected to the Forty-sixth Congress as a Republican and in 1892 he was the Republican candidate for Mayor of New York. In 1895 he was appointed Dock Commissioner by Mayor Strong.

'72.—Langrave Shults is a farmer at Rio, Wis.

'81.—William B. Landreth was elected a director of the American Society of Civil Engineers at their annual meeting in New York city, Jan. 18-19, 1905.

'81.—Samuel Gaillard is a manufacturer at New Cumberland, West Virginia.

'82.—Rev. Elijah W. Greene has changed his pastorate from Brooklyn to Mitchell, S. D.

'85.—Charles S. Stanton is night editor on the Chicago Tribune. His address is 6026 Vernon Ave., Chicago, Ill.

'91.—Herbert C. De Puy is practicing law at Minto, N. D.

'95.—The address of William Allen is Rialto Bldg., care of R. C. Kerens, St. Louis, Mo.

sidg., care of R. C. Kerens, St. Louis, Mo.

* * * *

'97.—Joseph Alan O'Neil was killed at San Francisco de Malabon, Cavite, P. I., in January, 1905, during an attack by a force of Ladrones on the poorly garisoned outpost at that place. Dr. O'Neill was born in Schenectady thirty-six years ago and was the son of J. J. O'Neill, who resides at 313 Summit Ave., Schenectady. In college Dr. O'Neill was a leader of he musical clubs and a member of the Delta Upsilon fraternity. He was a graduate of the Albany Medical College. For a time he conducted a photograph gallery and also taught music in Schenectady. Later he went to New York city, where he entered the United States Army as a surgeon in 1900. Dr. O'Neill had been in the Philippines about five years. His

wife, who was Miss Katherine Farrell, and a daughter, Irene, survive him.

* * * *

'98.—Mayor Mansfield of Oswego, when asked in reference to the rumor that he would appoint Francis E. Cullen, City Judge in the event of the passage of a bill giving him such power, said: "I will make Mr. Cullen City Judge fifteen seconds after I receive the necessary authority under the proposed bill."

* * * *

'1900.—Stephen S. Read, after having taught mathematics and music at the high school at Palouse, Wash., till June 1, 1904, opened a law office at that place.

Y. M. C. A. NOTES

The Christian work that has been so prominent in the city for the past few weeks found expression on the hill in half-hour meetings held Jan. 24-27.

Thursday being the day of prayer observed in all colleges the student Y. M. C. A. took advantage of Mr. Adams' offer to address them and throughout the week devoted a short time before dinner to the hearing of Christ's word. Mr. Adams is especially fitted to talk to college men and the meetings were well attended. In them he brought out the value of Christian principles in the development of strong character and his hearers could not help but feel that only such a development makes us truly strong.

The Association was represented at the ninth annual mid-winter conference of the Auburn Theological Seminary by McGregor, '05. While the conference wa primarily for the students of the college and for the alumni, the Y. M. C. A.'s of nearby colleges were invited to send representatives. The general topic of the conference was "The Church and the Young Man." Different phases of the topic were presented and discussed at each session. It was the opinion of most of the speakers, that the young man of today wants the word of God told to him in the most plain and simple manner possible; that he requires of the minister, not only to preach Christianity to him, but to live it and to

have a personality, that will draw men unto him. Among the principal speakers were: Rev. C. Waldo Cherry, Troy, N. Y., "The Church's Method for Reaching Young Men;" Rev. William R. Taylor, D. D., Rochester, N. Y., "How Can the Church Best Use the Service of Young Men;" Rev. George L. Curtis, Bloomfield, N. J., "The Pulpit's Message to Young Men;" Dean Ensign McChesney, Syracuse University, "The Claim of the Ministry Upon Young Men."

Holmes, '05, led the Tuesday evening meeting, choosing for his subject, "Living Our Religion." After considering the subject of the evening for a few moments, the meeting was given over to president E. M. Colvin of the Intercollegiate Prohibition League, who in a short talk explained the purpose and workings of the league.

Dean Ripton will continue his series of talks on the "Prophets," at the Vesper service, Sunday at 5 o'clock.

The February meeting of the cabinet was held Wednesday afternoon at Silliman Hall.

THE JOHN BARRETT PRIZES.

Three prizes—a first prize of \$100, a second prize of \$75, and a third prize of \$50—have been established by the Hon John Barrett, United States Minister to Panama, to be awarded to the authors of the best papers on "The Relations of the United States with the Latin-American Republics." Mr. Barrett states the object of the prizes to be "to do something to develop throughout this country a wider interest in our political and commercial relations with Latin-America and to foster a more general study of Latin-American history, institutions, material and industrial resources, and commercial possibilities—especially as they affect the growth of closer ties of international security and confidence."

The competition is open to any student now registered in any college or university of recognized standing in the United States. The papers which are due no later than May 10, 1905, are to be examined by a committee consisting of President Butler of Columbia. President Finley of New York City College, and Albert Shaw, editor of the Review of Reviews.

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THE REPAIRING OF THE GYMNASIUM

It is said that when Dr. Towne first came to Union, on asking to see the gymnasium the President explained that in summer it was used as a hay barn and so the Doctor had to wait. Now a good farmer would say it was too damp and dingy a hole for even such a purpose and yet we were expected to take healthy exercise, where hav would rot. So much for the past, and if comparisons aid us to appreciate new conditions every Union man should feel encouraged at the improvements now realized. Steam heat, electric lights, a remodeled locker room with serviceable shower baths, a new entrance with broad stairways, besides a general overhauling of the old and the adding of new apparatus have completely changed this into a real gym. The walls are to be painted up and there will be no more clouds of dust to fall when basketball is played. When a new floor can be put in it will be an attractive place for college dances as the new stairways and the removal of Dr. Towne's office to the basement make the main floor symetrical. This new floor may be going a little into the future but when it is such a small matter to complete a good work we hope some alumnus will see that it is made possible at once.

The fact stands that we have a serviceable gymnasium and that means a centre of interest for winter activity. Let every man come out and take an interest in the track, basketball, or general exercise that it affords. By doing so college spirit will thrive through the winter and the lessons in good fellowship taught by football last fall will not be forgotten. Any college to develop the best spirit must provide for the common interests of its students, so let us take advantage of this new opportunity and this winter, as last fall, work out our successes together and for Alma Mater.

JUNIOR WEEK

From Thursday, February 9, to the end of the week Union is to have what is to be called a Junior Week. The idea was originated by the Junior Class to devote three days at the time of the Soiree to social enjoyment and at their petition the faculty granted Friday of this week a holiday. The fraternities are to give house parties for out of town friends and the following provisions have been made for their entertainment: Thursday night, a Junior hop; Friday afternoon, the Allison-Foote prize debate and in the evening the Sophomore Soiree; Saturday afternoon the Musical Clubs give a concert and Saturday night will be left for the fraternities to entertain as they please.

ATTENDANCE AT COLLEGE MEETINGS

It is a very deplorable fact that the attendance of the student body at college meetings is not what it should be. It shows a lack of interest in college affairs and a lack of appreciation of the duties college men owe their fellow students. No one can deny that when a man comes to college, is registered, and begins his studies, he is from the first an integral part of the college. The honor or disgrace that may come to the college is, at the same time, his honor or his disgrace. Whatever he does, either good or bad, reflects on his college and he is at no time and in none of his relations, considered independent of the college. Now the primary duty a man owes his college is to show he is worthy of being a part of that college. How is he to do this? Surely not in holding aloof, in living by and for himself alone, receiving and giving no advice as to his welfare or that of his fellow students. No, to live his part, a man must make himself familiar with all the interests of college life and do his share toward accomplishing the best results for the college as a whole.

The student body of a college is the college, and finds utterance in the college meet-

ing. The purpose of this meeting is to discuss and pass on everything that pertains particularly or generally to the welfare of the student body, and attendance at, if not active participation in, this meeting, is of necessity the duty of each college man.

The situation at Union is getting tiresome. Time and again, on a Monday morning, an upper classman will say, "Well, I guess I'll have to let it go today; there are not enough fellows here to make it count." And so some question of interest to all is allowed to drop or worry along another week.

But this dearth of men is not all. Some fellows, most noticeably under classmen, who are in attendance at the chapel exercises, slip out the minute the chairman calls the college meeting to order. This comes from the students counting too much on 8-9 o'clock as a study period, thus forgetting for a moment their duty as members of the student body.

Though college meetings are held on "Blue Monday," let not that keep you in bed, but rather may you realize that your attendance means a fuller attendance, that a full attendance means keen interest in college affairs that makes directly for better results and so for the broader development of college activities.

THE SKATING RINK AND THE HYDRANT

Considerable adverse criticism has been manifested lately toward the skating rink. This criticism is in a large measure undeserved, for it is only just and honorable that the committee be given credit for what it has done. It succeeded in securing the services of a contractor for a reasonable remuneration at a busy season of the year. The rink was laid out and levelled under climatic conditions by no means ideal, and the fact that it did not hold water the first time it was put on is no proof that it is a failure.

During the last month a sheet of solid ice has formed in the area, due to thawing and freezing and the only requisite now for a respectable rink is water. Again, the committee is not to blame. By accident the valve of the fire hydrant used in flooding the rink was broken. The committee has not enough available funds to replace the hydrant by a new one, and is therefore unable to go ahead with the rink.

But irrespective of the skating rink the uselessness of this hydrant shows most clearly the predicament we are placed in as regards dangers from fire. Realizing the need therefore of adequate fire protection to South College and the buildings in proximity, the college authorities, it is understood, are to see to it that, when the weather permits, the old hydrant will be replaced by a new one, of much greater capacity and in every way suitable for conditions on the hill. And thus incidentally will the skating rink be given an impetus.

COLLEGE BRIEFS.

Bradley '05, after an illness of several weeks, has returned to college.

Reed '06, leader of the Glee Club, has harmonized a number of the college songs, the words and music of which are to be published in book form in the near future.

Prof. Ashmore and Prof. Stoller addressed the Labor Lyceum Sunday on the subjects: "The Japanese War" and "Aggressive Evangelism." Tomorrow Prof. Ashmore will speak before the Lyceum on "Shakespeare."

In his bi-weekly lecture to the Freshman class Thursday afternoon President Raymond spoke on the disciplinary value of the routine of college life.

Prof. Opdyke of the Physics Department lectured last Saturday before the Electrical Night School in the auditorium of the High School on "Sound."

The college library will be closed Friday and Saturday evenings during February and March.

The following concert schedule has been arranged for the musical organizations: Junior week concert, February 11, at State St. M. E church; February 13, Patersonville; February 24, Coxsackie; February 28, Ballston; March 2, Riverside Club, Troy; March 3, Cohoes; March 17, Poughkeepsie. Concerts will also be given at Gloversville and Albany late in the present term.

Hamilton W. Mabie gave his third lecture before the students this year in the college chapel at 3:30 yesterday afternoon. The subject was, "What Can We Get Out of Books."

So far three men have registered to compete in the trials to select Union's representative for the oratorical contest with Rochester and Syracuse.

At a meeting of the Senior class held after chapel Wednesday morning, Becker was unanimously elected captain of the class basketball team.

On account of his illness Bishop Nelson was unable to deliver his sermon before the students on the Day of Prayer for Colleges. Rev. Mr. Adams of the State St. M. E. Church preached in his stead.

With great gratification to the captain and Dr. Towne from fifteen to twenty men are practising regularly so as to compete for places on the relay team to race in Troy, February 22. It is expected that next week the runners will be granted the privilege of training in the Armory.

Owing to the illness of Editor-in-Chief E. J. Ellenwood, this week's issue of the Concordiensis is edited by M. T. Raymond.

PHARMACY.

At the close of the chemistry quiz on last Friday Professor Bradley gave the senior class some

idea of the changes to be made in the college's program of recitations.

The term is to be lengthened two weeks and a schedule is to be arranged by which the classes will meet oftener. The classes are to meet daily or are to have morning, afternoon and evening sessions every other day. Also one or possibly two new subjects are to be added to the curriculum. The requirements for entrance were raised twelve regents points on December 31, 1904.

The fact that daily meetings of the classes are considered, would seem to indicate that the faculty has plans for a new building or new quarters of some kind. Our present quarters are far from satisfactory. The pharmaceutical laboratory is over crowded and the microscopy class is divided into two sections thus giving half the course possible with larger quarters and more microscopes. At present the junior class fills the lecture room to its utmost capacity and it would seem that either daily meetings or all day sessions every other day could not be arranged without conflicting with the Medical Department. Let us hope that this is so and that the long wished for building will be the outcome.

VESPER SERVICE.

Dr. Ellery's talk at Sunday's vesper service was on "The Manliness of Christ." Dr. Ellery said in part: In order to form a complete picture of Christ it is necessary to consider both the God and the man sides of His nature. To consider Him as a man, let us thing of some of the qualities we

most admire in men and look for them in Christ.

Good fellowship was found in Christ without doubt. His first miracle was performed at a social function, the marriage at Canna, and throughout His life He was a lover of men and a social being. Christ had great physical strength or He could not have worked day after day, going without food for many hours and setting off into the mountains to pray immediately after a day of hard labor. All the paintings of the old masters portray Christ with strong physical development. The courage of Christ was of that kind we admire most in our serious moments. It was not bravado or animal courage nerved by the stimulus of some exterior impulse, but the steady moral courage which led Him to battle against the misguided thought and misinterpreted laws which the Pharasees gave the people.

There is no man in history whose honesty and squareness in speech and in life can compare with the honesty and squareness of Christ. The outright answer to the Pharasees who tempted Him with the coin compels our admiration.

Christ referred to Himself most often as the Son of Man and to appreciate Him we must study Him in that light.

THE EDISON MEDAL.

The Edison Medal Association has been founded to honor the name of Thomas A. Edison, the great inventor and a fund has been provided for a medal to be awarded annually by the American Institute of Electrical Engineers. The conditions accom-



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panying the awarding the competition and the awarding of the medal are as follows:

- 1. The medal shall be awarded to such qualified student as shall have submitted to the Institute in accordance with the provisions of this deed and of the regulations which may be prescribed by the Edison Medal Committee, the best thesis or record of research on theoretical or applied electricity or magnetism
- 2. Each competitor for the medal, in order to be qualified, must have graduated and received a degree during the year for which the medal shall be awarded, in some course of study at some institution of learning in the United States of America or Dominion of Canada, which course of study shall include the branch of electrical engineering. The United States Naval Academy and Military Academy are included within the institutions from which competitors may be qualified.
- 3. Not more than two students may compete in any one year from any one institution of learning, nor may any student compete unless duly presented for competition through the faculty of the particular institution at which he is a student.
- 4. The course of study must be one normally requiring not less than two years of continuous residence and work.
- 5. The thesis or record must not exceed six thousand words not inclusive of words employed in explanation of accompanying drawings.
- 6. No competitor shall be of greater age than twenty-five years at the day of his graduation in such course of study.

Don't forget the Soire: Friday night.

THE LIBRARY.

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Bowker and Iles—Reader's Guide in Economic, Social, and Political Science.

Brooks—Bibliography of Municipal Problems.

Cushing—Manual of Parliamentary Practice;
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Higginson—Hints on Writing and Speech Making.

Laycock and Scales-Argumentation and Debate.

Marot—Handbook of Labor Literature.

Matthews-Notes on Speech Making.

Sparks—Topical Reference Lists in American History, Ed. 2.

New Books

Bush, R. J., '64.—Reindeer, Dogs and Snow-shoes.

Sprague, C. E., '60.—Accountancy of Investment.

Roberts-Old Schenectady.

Harding—Indiana University, 1820-1904.

Eakle—Mineral Tables.

Harvard University—Jefferson Physical Laboratory—Contributions for 1903.

American Philological Ass'n.—Transactions for 1903.

Hall—Adolscence, 2v.

REVIEWS.

Many retain pleasant recollections of a brisk, western story, "Marjie of the Lower Ranch," by Frances Parker, and will be eager to read "Hope Hathaway," the latest effort of this young authoress.

"Hope Hathaway" is another tale of the west. It is a bright novel, illustrated by Charles M. Russell, the famous cowboy artist, with ten stirring western pictures. The publishers are following a novel plan by presenting each purchaser of the book with enlarged reproductions of eight of these stunning pictures.

Frances Parker is unquestionably familiar with life on the cattle and sheep ranches of the west, else she never could have clothed the novel with such an interesting garb of truthfulness.

The heroine is a beautiful and abnormally brave ginl, a dead shot and of course, a good horse-woman. Her brave independence is a thing to admire, and her association with the three half-breed boys in their attempts to frustrate the cowardly plans of a set of blackguards overflows with lively interest. The whole thing is elementary picturesque and the part taken by the young English sheep raiser, heightens and develops the inner strength of Hope's beautiful nature.

The author has the knack of vivid description and infuses an immense amount of life and energy into her characters. One just begins to think Miss Parker's style is decidedly masculine, when all at once she reaches a point when the tenderness of the eternal feminine is so in evidence that even the roughest cowboy is dealt with gently.

The lively heroine is a true daughter of the plains, frank, unrestrained and very winsome.

There is the inevitable love story with the usual trials and tribulations, but everything turns out successfully for Hope and her devoted young lover.

It is a book to stir the blood of all readers who have had dreams of the wild, free, lawless life of the plains and the mountains.

It is a story of novel fascination, written with simple directness. (Price \$1.50—C. M. Clark Publishing Company, Inc., Boston, Mass.)

THE BASEBALL SCHEDULE.

The baseball schedule for the coming spring was ratified Wednesday night by the Athletic Board. The first game will be April 8th and with West Point as usual. The season will close with Rutgers on the campus the Saturday before commencement. Manager Thomson states that the schedule is not yet complete as two or three dates more are to be filled. It is to be hoped these will be home games since the schedule of twelve games as printed below provides for only six to be held on the campus.

April 8.—West Point at West Point.

April 15.—Williams at Williamstown.

April 22.—R. P. I. at Schenectady.

April 29.—Wesleyan at Middletown.

May 6.—Hamilton at Schenectady.

May 10. Rochester at Schenectady.

May 13.—Middleburg at Schenectady.

May 20.—Rutgers at New Brunswick.

May 30.—G. E. Test at Schenectady.

June 2.—Hamilton at Clinton.

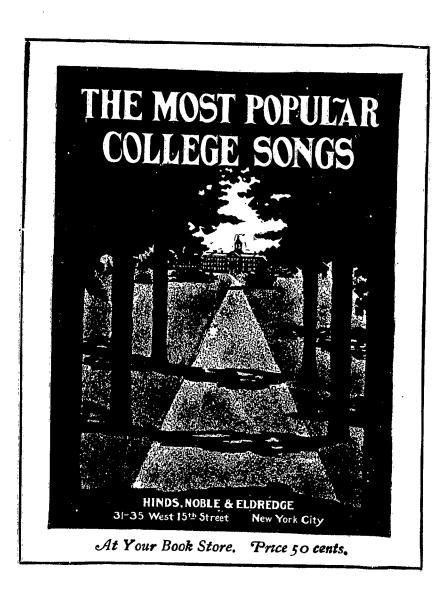
June 3.—Rochester at Rochester.

June 10. Rutgers at Schenectady.

Don't forget the Soiree Friday night.

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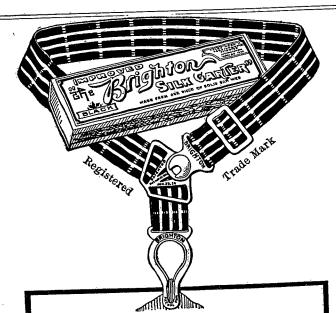
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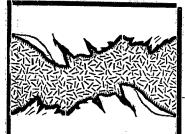
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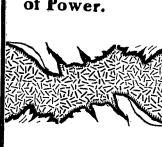
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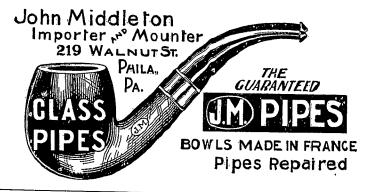
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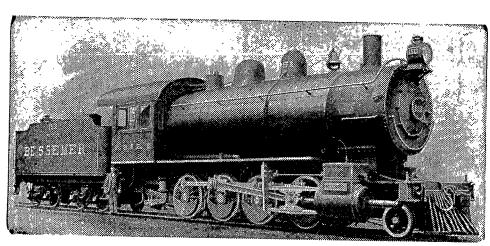
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